2026 අප්‍රේල් 02
2026 ஏப்ரல் 02
02 April 2026

NAOSL

වාර්තාවේ අංකය : එස්ජීආර්/2026/01
அறிக்கை இல. : எஸ்ஜிஆர்/2026/01
Report No : SPR/2026/01

# ලක්විජය බලාගාරය සඳහා ලංකා ගල්අඟුරු සමාගම විසින් ගල් අඟුරු මිලදී ගැනීමේ ක්‍රියාවලිය සහ 2025/2026 වාරය සඳහා ගල් අඟුරු ප්‍රසම්පාදනය පිළිබඳ විශේෂ විගණන වාර්තාව

# லக்விஜய மின் உற்பத்தி நிலையத்திற்காக லங்கா நிலக்கரி கம்பனியால் மேற்கொள்ளப்பட்ட நிலக்கரி கொள்வனவு செயன்முறை மற்றும் 2025/2026 காலப்பகுதிக்கான நிலக்கரி பெறுகைகள் தொடர்பான விசேட கணக்காய்வு அறிக்கை

# Special Audit Report on the Coal Purchase Process by Lanka Coal Company for the Lakvijaya Power Plant and the Coal Procurement for the Season of 2025/2026

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தேசிய கணக்காய்வு அலுவலகம்
NATIONAL AUDIT OFFICE

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**විධායක සාරාංශය**

වයඹ පළාතේ කල්පිටිය - නොරොච්චෝල ප්‍රදේශයේ පිහිටුවා ඇති මෙගා වොට් 900 ක ධාරිතාවයකින් යුත් ලංකා විදුලිබල මණ්ඩලයට අයත් ශ්‍රී ලංකාවේ ප්‍රථම සහ එකම ගල් අඟුරු තාප බලාගාරය ලක්විජය ගල් අඟුරු තාප බලාගාරය (LVPP) වන අතර මෙම බලාගාරය ජාතික විදුලිබල අවශ්‍යතාවයෙන් සියයට 30 ත් 40 ත් අතර ප්‍රමාණයක් සඳහා දායකත්වයක් ලබා දෙන අතර බලාගාරය ක්‍රියාත්මක කරවීම සඳහා වාර්ෂිකව ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 2.25 ක් පමණ අවශ්‍ය වන බවද හඳුනා ගෙන තිබුණි.ඒ අනුව මෙම බලාගාරයෙහි ගල්අඟුරු අවශ්‍යතාවය සැපයීම අරමුණු කර ගනිමින් ලංකා ගල්අඟුරු සමාගම (LCC) පිහිටුවා තිබුණු අතර එම සමාගම 2010 වර්ෂයෙහි සිට ගල්අඟුරු සැපයීමේ ප්‍රසම්පාදනය සිදු කරනු ලබයි.එම ප්‍රසම්පාදනයන් සිදුකිරීමේදී ඇති වී තිබුණු ගැටළුකාරී තත්ත්වයන් මත 2016 වර්ෂයේදී සහ 2022 වර්ෂයේදී විශේෂ විගණන වාර්තා දෙකක් ජාතික විගණන කාර්යාලය නිකුත්කර ඇති අතර 2025/2026 වාරය සඳහා ගල්අඟුරු මිලදී ගැනීමේදී එම ප්‍රසම්පාදනයෙහි මෙන්ම මිලදීගත් අඟුරු නැවතොග අපේක්ෂිත ප්‍රමිතියට නොතිබීම පිළිබඳව ඇති වූ ගැටළුකාරී තත්ත්වයන් කිහිපයක් හේතුවෙන් හා පොදු ව්‍යාපාර පිළිබඳ කාරක සභාවෙන් කරන ලද ඉල්ලීමකට අනුව මෙම වාර්තාව නිකුත්කිරීමට පියවර ගන්නා ලදී.තවද 2025/ 2026 වාරයේ ප්‍රසම්පාදන ක්‍රියාවලිය හා සපයන ලද ගල් අඟුරු ප්‍රමිතිය සම්බන්ධයෙන් මෙන්ම පසුගිය වර්ෂයන් තුල සිදුකරනු ලැබූ මිලදීගැනීමේ ක්‍රමවේදයන් පිළිබඳවද 2020-2025 වර්ෂයන් තුලදී සපයන ලද ගල් අඟුරු තොගයන් හි ගුණත්වය සම්බන්ධයෙන් විශ්ලේෂණයක්ද මෙම වාර්තාවෙන් ඉදිරිපත් කිරීමට කටයුතු කර ඇත.

ලංකා ගල් අඟුරු සමාගම ලක්විජය බලාගාරය සඳහා ගල්අඟුරු සැපයීම දීර්ඝකාලීන ප්‍රසම්පාදනය (Term Tender) සහ ක්ෂණික ප්‍රසම්පාදනය (Spot Tender) යන ක්‍රම අනුගමනය කරනු ලබන අතර 2025/2026 වාරය සඳහා ගල්අඟරු මිලදී ගැනීම සඳහා දීර්ඝ ප්‍රසම්පාදනය යටතේ Trident Champhar Limited නම් ඉන්දියානු සමාගම තෝරා ගෙන තිබුණි. මෙම ප්‍රසම්පාදනයේදී ලංසු කැඳවීම සඳහා දැන්වීම පළකරන ලද දිනය වන විට ලියාපදිංචිය සම්පූර්ණ කරන ලද සැපයුම්කරුවන්ගෙන් ලංසු කැඳවීම සිදුකරන ලද බව එම දැන්වීමේ පැහැදිළිව සඳහන් කර තිබුණු අතර එම දිනය වන විට සම්පූර්ණ ලියාපදිංචි ගාස්තුව ගෙවා ලියාපදිංචිය තහවුරු කර නොගත් සැපයුම්කරුවන් තිදෙනෙකුට ද ලංසු යැවීමට කටයුතු කර තිබුණු අතර මෙම ප්‍රසම්පාදනය සඳහා තෝරා ගන්නා ලද ඉහත සඳහන් Trident Champhar Limited සමාගමද එදින වන විට ලියාපදංචිය තහවුරු කර නොතිබුණු බව නිරීක්ෂණය විය.තවද මිලදී ගන්නා ගල්අඟුරු ලක්විජය බලාගාරයට උචිත ප්‍රමිතින්ගෙන් සමන්විත වේදැයි පැටවුම් වරායේදී (Load Port) හා ගොඩබෑමේ වරායේදී (Discharge Port) ගැණුම්කරු හා විකුණුම්කරු එකඟ වූ ස්වාධීන පරීක්ෂකයකු මඟින් පරීක්ෂාවකට ලක් කරනු ලබන අතර

පැටවුම්වරායේ දී විකුණුම්කරු පත්කරන ලද Mitra SK South Africa (Pty) Ltd සමාගමට අවශ්‍ය කරන ප්‍රමිතීන්වලට යටත්ව ගල් අඟුරු සාම්පල පරීක්ෂා කිරීම සඳහා ප්‍රතීතනතාවයක් නොතිබුණු බැවින් ඒ වෙනුවෙන් පරීක්ෂණ වාර්තා නිකුත් කිරීම සඳහා 2025 දෙසැම්බර් 29 දින වන විට බලපත්‍රය අවලංගු වූ PT Mitra SK Analisa Testama Samarinda (Indonesia) සමාගමකට පවරා තිබුණු අතර මෙම සමාගමෙහි බලපත්‍රය 2026 මාර්තු 31 වන දින වන විටද යාවත්කාලීන කර තිබුණු බවට විගණනයට කරුණු අනාවරණය නොවුණි.කෙසේවුවද ලැබී තිබුණු නැව් තොග 12 ටම අදාල පැටවුම් වරායෙහි වාර්තා ප්‍රතීනතාවයක් නොමැති බව හඳුනාගන්නා ලද Mitra SK South Africa (Pty) Ltd සමාගම විසින් නිකුත් කර තිබුණි.ඒ අනුව මෙම වාර්තාවන් සම්බන්ධයෙන් හා බලාගාරයෙහි ප්‍රධාන පාලන ඒකකයෙන් ලබා ගන්නා දත්ත අතර පරස්පරතාවයන් පැවතියදී පැටවුම්වරායේ දී ලබාගන්නා වාර්තා සම්බන්ධයෙන් තහවුරුවක් ලබාගැනීමට ගැණුම්කරුට විකල්ප අවස්ථා කිහිපයක් ලබා දී තිබුණද එම අවස්ථාවන් භාවිතා කිරීමට ලංකා ගල්අඟුරු සමාගම කටයුතු කර නොතිබුණි.

ලංකා ගල් අඟුරු සමාගම විසින් ගල්අඟුරු සැපයුම්කරුවන් ලියාපදිංචි කිරීමේ නිර්නායක ස්ථාපිත කිරීමේ දී එම නිර්නායක පිළිගත නොහැකි මට්ටමක් දක්වා ලිහිල් කර තිබීමත් ලංසු ලේඛන සමඟ ඉල්ලුම් කරනු ලබන ප්‍රමිතීන්ට පහළ මට්ටමේ ප්‍රමිතින්ගෙන් යුත් නිර්නායක ලියාපදංචියේදී සලකා බලා තිබුණු බවද නිරීක්ෂණය විය. මේ හේතුවෙන් දළ තාපජනන අගය ප්‍රතික්ෂේපිත මට්ටම හෝ ඊට ආසන්න මට්ටමෙහි ගල්අඟුරු සපයා පළපුරුද්ද ඇති සැපයුම්කරුවන්ටද මෙම බලාගාරය සඳහා ගල්අඟුරු සැපයීමට අවස්ථාව සලසා දී ඇති බව නිරීක්ෂණය විය.

2025/2026 වාරය සඳහා Trident Chemphar Limited විසින් සපයන ලද මුල් නැව් තොග 9 හි ගල්අඟුරු භාවිතා කර විදුලිය ජනනය කිරීමේ දී විදුලි කිලෝවොට් පැය 1 ක් ජනනය කිරීම සඳහා අවශ්‍ය ගල්අඟුරු ප්‍රමාණය ග්‍රෑම් 375 ක් ලෙස සැලකූ විට එම ප්‍රමාණය ඉහළයාම හේතුවෙන් අධිපරිභෝජනය මත සිදු වූ මුළු ඇස්තමේන්තුගත අලාභය විගණනයේ ගණනය කිරීම මත රු.මිලියන 2,237.7 ක් වී තිබුණු බව නිරීක්ෂණය විය. තවද අදාල ගල් අඟුරු භාවිතයෙන් පූර්ණ ධාරිතාවය එනම් මෙ.වොට් 300 ක ධාරිතාවය ලබා ගැනීමට නොහැකිවීම මත විකල්ප මූලාශ්‍රයකින් අතිරේක බලශක්ති ප්‍රමාණයක් සපයා ගැනීමට සිදුවුවහොත් විගණනය විසින් විකල්ප අවස්ථාවන් දෙකක් යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්ති ප්‍රමාණය ගණනය කරන ලදී. ඒ අතුරින් විකල්ප 01 අවස්ථාව අනුව (දෛනිකව පැය 24 ක් පුරාම පූර්ණ ධාරිතාවය අවශ්‍ය වේ යැයි සැලකූ විට) අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්ති ප්‍රමාණය කිලෝවොට් පැයෙ 114,531,131 වන අතර 02 වන විකල්ප අවස්ථාව අනුව (පද්ධති පාලන ඒකකය විසින් දෛනිකව බලාගාරයෙන් පැය 16 ක කාලයක් සඳහා පූර්ණ ධාරිතාවයෙන් විදුලිය ඉල්ලුම් කිරීම සැලකූ විට) අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය කිලෝවොට් පැය 76,354,087 වේ. එමෙන්ම, සැපයුම්කරුගෙන් අයකර ගත හැකි දඩ මුදල රු. මිලියන 2,332.5 ක් විය.

තවද, ලිත් වර්ෂයක යම් කාලපරිච්ඡේදයක් තුලදී ගල්අඟුරු ගොඩබෑමට නොහැකි වීම තුල ගල්අඟුරු ලංකාවට සපයාගත හැකි කාලපරිඡ්ඡේදය තුල උපරිම වශයෙන් ගල්අඟුරු සපයා ගැනීමට කටයුතු කළ යුතු වුවත් එලෙස ගල්අඟුරු සපයා ගැනීමේ අවස්ථාව පැවති 2025 නොවැම්බර් 13 දින සිට 2025 දෙසැම්බර් 30 දක්වා දින 40 ක කාලපරිච්ඡේදය තුල ගල්අඟුරු නැව් තොගයක් ලංකාවට ගෙන්වා ගැනීමට හැකිවන පරිදි ප්‍රසම්පාදනය සිදු කිරීමට ලංකා ගල්අඟුරු සමාගම අපොහොසත් වී තිබුණි. තවද 2025/2026 සඳහා වූ ප්‍රසම්පාදනයෙන් 2026 මාර්තු 20 දින වන විට නැව් තොග 18 ක් ලබාගැනීමට සැලසුම් කර තිබුණද නැව්තොග 12 ක් පමණක් ගොඩබෑම සම්පූර්ණ කර තිබුණු බව නිරීක්ෂණය විය. මේ හේතුවෙන් 2026 මාර්තු 18 දින ක්ෂණික ප්‍රසම්පාදනයකින් ගල්අඟුරු මෙට්‍රික් ටොන් 300,000±10% ක් මිලදී ගැනීමට සිදු වී තිබුණු අතර මෙම ප්‍රසම්පාදනය සඳහා තෝරා ගන්නා ලද Taranjot Resource (pvt) Ltd සමාගම තම ලියාපදිංචිය ලබා ගන්නා අවස්ථාවට පෙර මාස 36 ක කාලය තුල දළ තාපජනන අගය ප්‍රතික්ෂේපිත මට්ටම වූ 5900 kcal/kg ට හෝ ඊට වැඩියෙන් සැපයීමට අපොහොසත් වී තිබුණු සමාගමක් බව නිරීක්ෂණය විය. එමෙන්ම නියමිත කාලපරිච්ඡේදයන් තුල ගල්අඟුරු නැව් ගෙන්වා ගැනීමට නොහැකි වීමත්, ඉදිරියේදී ඇතිවිය හැකි පාලනය කළ නොහැකි තත්ත්වයන් මත ගල්අඟුරු බලාගාරයෙහි අවශ්‍යතාවයට ප්‍රමාණවත් නොවුණහොත් අඛණ්ඩ විදුලිබල සැපයුමකට අවාසි සහගත ලෙස බලපෑ හැකි බවද විගණනයට නිරීක්ෂණය විය.

ඉහත සඳහන් තත්ත්වයන් පාලනය කර ගනිමින් හා සිදුවිය හැකි ආර්ථික,සමාජයීය හා අනෙකුත් බලපෑම් අවම කර ගනිමින් ගල්අඟුරු මිලදී ගැනීමේ ප්‍රසම්පාදනයෙහි අභ්‍යන්තර පාලනය ශක්තිමත් කරගැනීමට භාවිතා කල හැකි නිර්දේශයන් කිහිපයක්ද මෙම වාර්තාවේ 7 පරිච්ඡේදයන් ලබා දෙන ලදී.

## 01. වාර්තාවේ පසුබිම හා ස්වභාවය

ජාතික විදුලිබල අවශ්‍යතාවයෙන් සියයට 30 ත් 40 ත්අතර දායකත්වයක් ලබාදෙන නොරොච්චොලේ ලක්විජය ගල්අඟුරු බලාගාරය ලංකාවේ Base Load බලාගාරය ලෙස ක්‍රියාත්මක වේ.මෙම බලාගාරය ක්‍රියාතමක කිරීම සඳහා සාමාන්‍යයෙන් වාර්ෂිකව ගල් අඟුරු මෙ.ටො මිලියන 2.25 ක් අවශ්‍ය වන අතර මෙම ප්‍රමාණය අවශ්‍යතාවය අනුව දීර්ඝ කාලීන ප්‍රසම්පාදනය හා ක්ෂණික ප්‍රසම්පාදනය මඟින් සපුරා ගැනීමට බලාගාරය වෙනුවෙන් ගල්අඟුරු සැපයීම පුසම්පාදන කටයුතු සිදුකරනු ලබන ලංකා ගල්අඟුරු සමාගම කටයුතු කරනු ලබයි. ඒ අනුව 2024/2025 කාලපරිච්ඡේදයට අදාල ප්‍රසම්පාදනයෙන් ලැබිය යුතු ගල්අඟුරු ප්‍රමාණය 2025 නොවැම්බර් 13 දින වන විට ලැබී අවසන් වීමට නියමිතව තිබූ බැවින් 2025/2026 ප්‍රසම්පාදන ක්‍රියාවලිය ආරම්භ කර තිබුණි. මෙම කාලපරිච්ඡේදය තුල ගල්අඟුරු සැපයීම සඳහා ඉන්දියානු සමාගමක් වන Trident Chemphar Ltd. තෝරා ගෙන තිබුණු අතර එම සමාගම ගල් අඟුරු නැව්වාර 12 ක් 2026 මාර්තු 11 දින වන විට සපයා අවසන් කර තිබුණි.නමුත් එම ගල්අඟුරු තොගයෙන් පළමු නැව්වාරය තුල සැපයූ තොගය ගොඩබාන වරායේදී (Discharge Port) දළ තාපජනන අගය (Gross Calorific Value) ප්‍රතික්ෂේපිත මට්ටමටද පහළ අගයක් ගැනීම හේතුවෙන් හා ඉන්පසු ගෙන්වන ලද ගල්අඟුරු තොගයන්හි දළ තාපජනන අගය පැටවුම් වරායේදී (Load Port) සහ ගොඩබෑමේ දී වරායේදී (Discharge Port) ලබාගන්නා ලද ස්වාධීන පරීක්ෂණ වාර්තා අනුව බලාගාරයට අවශ්‍ය ප්‍රමිතියෙන් (6,150 kcal/kg ) නොමැති වුවද ප්‍රතික්ෂේපිත මට්ටමට (5,900 kcal/kg) ඉහළින් පැවති නමුත් බලාගාරයෙහි ප්‍රධාන පාලන ඒකකය (Control Unit) අනුව අදාල ගල්අඟුරු භාවිතයෙන් අපේක්ෂිත විදුලි ධාරිතාවය ජනනය කිරීමට නොහැකි වී තිබුණු බවට කරුණු අනාවරණය වී තිබුණි. ඒ අනුව මෙම 2025/2026 වාරය තුල ආනයනිත ගල්අඟුරු තොගය බලාගාරයට නියමිත ප්‍රමිතීන්ට අනුකූල නොවන බවට පාර්ලිමේන්තුව, යටිතල පහසුකම් සහ උපායමාර්ගික සංවර්ධනය පිළිබඳ ආංශික අධීක්ෂණ කාරකසභාව, මාධ්‍යය ඇතුලත්ව විවිධ පාර්ශව තුල සාකච්ඡාවට බඳුන් වී තිබුණි.එවැනි තත්ත්වයක් තුළ මේ සම්බන්ධයෙන් පරීක්ෂාවක් කිරීමට මා අදහස් කල අතර 2026 පෙබරවාරි 24 දින පොදු ව්‍යාපාර පිළිබඳ කාරක සභාව විසින්ද මේ සම්බන්ධයෙන් පරීක්ෂාවක් කර දෙන මෙන් ඉල්ලීමක් කර තිබුණි.

තවද ගල්අඟුරු ලංකාවට සැපයීමේ දී ප්‍රසම්පාදනයන් සම්බන්ධයෙන් කාලීනව ඇති වූ ගැටළු සම්බන්ධයෙන් මීට පෙර අවස්ථා 2 කදී විගණකාධිපති විසින් විස්තරාත්මක විගණනයන් සිදුකර පාර්ලිමේන්තුවෙහි සභාගත කර ජාතික විගණන කාර්යාලයෙහි වෙබ් අඩවියෙහි ප්‍රසිද්ධ කර ඇත.එම වාර්තා 2 ක පහත පරිදි වේ.

i. 2009 – 2016 කාලපරිච්ඡේදය සඳහා ගල් අඟුරු ප්‍රසම්පාදනය පිළිබඳ විශේෂ විගණන වාර්තාව

ii. නොරොච්චෝලේ ලක්විජය ගල් අඟුරු බලාගාරය සඳහා 2022–2025 කාලපරිච්ඡේදයට අදාළව ගල් අඟුරු මිලදී ගැනීමේ ප්‍රසම්පාදන ක්‍රියාවලිය ඇගයීම සම්බන්ධයෙන් වූ විශේෂ විගණන වාර්තාව

ඒ අනුව මෙම වාර්තාව පරිශීලනය කිරීමේ දී ඉහත සඳහන් වාර්තා දෙකටම ද අවධානය යොමුකරවන අතර 2018 අංක 19 දරන විගණන පනතේ 13 වන වගන්තියෙන් විශේෂ වාර්තාවක් නිකුත් කිරීමට මා වෙත ලැබී ඇති බලතල මත මෙම වාර්තාව නිකුත් කරන ලදී.

## 02. අනුගමනය කල ක්‍රමවේදය

මෙම වාර්තාව පිළියෙල කිරීමේදී පහත දැක්වෙන ක්‍රමවේදයන් අනුගමනය කරන ලදි.

### 2.1 ලේඛන පරීක්ෂා කිරීම

i. ගල්අඟුරු මිලදීගැනීමට අදාලව මෙම වාර්තාවෙන් ආවරණය වන සිද්ධීන් හා සම්බන්ධ වන අමාත්‍ය මණ්ඩල සංදේශ,අමාත්‍ය මණ්ඩල තීරණ හා අදාල අමාත්‍යවරයාගේ නිරීක්ෂණ

ii 2025 -2026 කාලපරිච්ඡේදයට අදාලව සහ පෙර අවස්ථාවන් වලට අදාලව සිදුකරනු ලද ප්‍රසම්පාදනයන්ට අදාල ලංසු ලේඛන, සැපයුම්කරුවන් සමඟ ඇති කරගත් ගිවිසුම්,ලංසු ඇගයීමේ කමිටු වාර්තා, ස්ථාවර ප්‍රසම්පාදන කමිටු වාර්තා ඇතුළු අවශ්‍ය අවස්ථාවන් වලදී ප්‍රසම්පාදනයට අදාල අනෙකුත් ලේඛන

iii සැපයුම්කරුවන් ලියාපදංචි කිරීමට අදාල ලේඛන

iv ප්‍රසම්පාදන මාර්ගෝපදේශය 2024 හා 2006

v බලාගාරය 1, 2, 3 හි පාලන ඒකකයන්හි මෙහෙයුම් නිලධාරීන් විසින් එක් එක් ඒකකයන්ට අදාලව නඩත්තු කරනු ලබන ලොග් පොත්

vi සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිකව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාවන්

vii මහජන උපයෝගිතා කොමිෂමෙහි හා ලංකා විදුලි බල මණ්ඩලයෙහි වෙබ් පිටුවෙහි පළකරනු ලබන දෛනික බලශක්ති උත්පාදන වක්‍ර ඇතුලත් වාර්තා (Generation Curve)

### 2.2 වෙනත් ක්‍රමවේදයන්

i. ලක්විජය බලාගාරයේ නිලධාරීන් සමඟ සාකච්ඡා කිරීම

ii සෘජුවම ගල්අඟුරු බලාගාරයට සෘජුවම බංකරවලට පිරවීමේ අවස්ථාවන් භෞතිකව පරීක්සා කිරීමත් එම අවස්ථාවන් වලදී පාලන ඒකකයේ හැසිරවීම පිළිබඳ දත්ත පරීක්ෂා කිරීම

iii අවශ්‍ය අවස්ථාවන් වලදී ලංකා ගල්අඟුරු සමාගමෙහි නිලධාරීන් සමඟ සහ ලංකාවිදුලිබල මණ්ඩලයෙහි සහ පද්ධති පාලන අංශයෙහි නිලධාරීන් සමඟ සාකච්ඡා කිරීම

## 03. විෂයපථය

ලංකා ගල්අඟුරු සමාගම 2010 වර්ෂයේ සිට ප්‍රසම්පාදන කටයුතු සිදුකර තිබුණු අතර එදින සිට 2022 – 2025 ප්‍රසම්පාදන දක්වා කාලසීමාව තුලදී යම් යම් අවස්ථාවල ගල්අඟුරු සමාගම විසින් සිදුකරන ලද ප්‍රසම්පාදනයන් සම්බන්ධයෙන් ඇති වූ විගණන අවධානම මත ඉහත 01 ඡේදයෙහි දැක්වෙන පරිදි 2016 සහ 2022 වර්ෂයන්හිදී විස්තරාත්මක විශේෂ විගණන වාර්තා දෙකක් නිකුත් කරන ලද අතර පවත්නා කාලසීමාව මත මෙම වාර්තාව මඟින් එම වාර්තා දෙකට අවධානය යොමු කරමින් 2025/2026 කාලපරිච්ඡේදයට අදාලව ප්‍රසම්පාදන ක්‍රියාවලිය පරීක්ෂා කරන ලදී. තවද 2010 වර්ෂයේ සිට තෝරාගන්නා ලද සැපයුම්කරුවන් පිළිබඳව මෙන්ම දීර්ඝ කාලීන ප්‍රසම්පාදනය හා ක්ෂණික ප්‍රසම්පාදනය මඟින් ගල් අඟුරු සපයා ගැනීම

පිළිබඳ තොරතුරු ඉදිරිපත් කර ඇත. තවද 2020 -2025 කාලපරිච්ඡේදය තුලදී ලංකාවට ගෙන්වන ලද ගල්අඟුරු තොගයන්ට අදාලව පරාමිතීන්ගේ විචලනයන් පිළිබඳ විශ්ලේෂණයක් සිදුකර ඇත. එමෙන්ම 2025/2026 ප්‍රසම්පාදන කාලපරිච්ඡේදයට අදාලව Trident Chemphar Ltd. නම් ඉන්දියානු සමාගම විසින් 2026 මාර්තු 16 දින වන විට ලංකා විදුලිබල මණ්ඩලය වෙත සපයන ලද ගල් අඟුරු නැව් 11 පැවති පරාමිතීන් පිළිබඳ විශ්ලේෂණයක්ද මෙම වාර්තාවෙන් සිදුකරන ලදී.

මෙම විශේෂ විගණනයේදී 2020 -2026 කාලපරිච්ඡේදය තුළදී ලක්විජය බලාගාරයෙහි සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳීමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල බලාගාරයට සරිලන ගුණත්වයේ අඩුවීමක් හේතු වී තිබේ නම් සහ/හෝ ගල් අඟුරුවල ගුණත්වයේ අඩුවිමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වී තිබේ නම් ඒ මත ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය සහ/හෝ පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ගණනය කිරීම පමණක් සිදු කරනු ලබයි.

## 04. විෂයපථය සීමා වීම

i. අදාල ප්‍රමිතීන්ගෙන් තොර ගල්අඟුරු භාවිතා කිරීම හේතුවෙන් පරිසරයට බලපෑමක් සිදුවේද එසේ සිදු වේ නම් කුමන බලපෑමක්ද යන්න පරීක්ෂා කිරීමට ඒ සම්බන්ධයෙන් විශේෂඥ සේවාවක් ලබා ගත යුතු වන අතර වාර්තාව සකස් කිරීමට ලැබී තිබුණු කාලසීමාව මත පරිසර බලපෑම ඇගයීමට නොහැකි වීම.

ii. තවද අදාල ප්‍රමිතීන්ගෙන් තොර ගල්අඟුරු භාවිතා කිරීම හේතුවෙන් බලාගාරයෙහි යන්ත්‍රසූත්‍ර සඳහා බලපෑමක් සිදුවේද එසේ සිදු වේ නම් කුමන බලපෑමක්ද යන්න පරීක්ෂා කිරීමට ඒ සම්බන්ධයෙන් විශේෂඥ සේවාවක් ලබා ගත යුතු වන අතර වාර්තාව සකස් කිරීමට ලැබී තිබුණු කාලසීමාව මත ඒ සම්බන්ධයෙන් ඇගයීමට නොහැකි වීම.

iii. පැටවීමේ වරායේ දී (Loading Port) හා ගොඩබෑමේ වරායේදී (Discharging Port) සිදුකරනු ලබන පරීක්ෂාවන්ගේ ස්වාධීනත්වය සම්බන්ධයෙන් නිශ්චිත තහවුරුවක් ලබා ගැනීමට අවස්ථාවක් නොතිබීම.

iv. ලක්විජය බලාගාරය විසින් පවත්වාගෙන යනු ලබන රසායනාගාරයෙන් සිදුකරන සාම්පල පරීක්ෂාවන් හි මූලික අරමුණ ලංකාවට ආනයනය කරනු ලබන ගල්අඟුරු තොගයන්හි ප්‍රමිතිය පරීක්ෂා කිරීම නොවන බැවින් මෙම වාර්තාව සඳහා පූර්ණ වශයෙන් එම වාර්තා පදනම් කර ගැනීමට නොහැකි වීම.

v. බලාගාරය විසින් දීර්ඝකාලීනව නඩත්තු කරනු ලබන ප්‍රධාන පාලන ඒකකයෙන් ලබා ගත් දත්ත භාවිතා කරමින් විගණන නිරීක්ෂණයන්ට එළඹීමට සිදුවීම.

vi. බලාගාරය ඒකක 1, 2 හා 3 හි ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එක් එක් ඒකකයන්ට අදාළව නඩත්තු කරනු ලබන ලොග් පොත් හි සඳහන් තොරතුරු මත විශ්ලේෂණයන් සිදුකිරීම.

vii. බංකරවලට ගල් අඟුරු පිරවීමට අදාළව (ගල් අඟුරු තොග ගොඩබෑමේදී එයින් කොටසක් සෘජුවම බංකරවලට පුරවන බැවින් එම ගල් අඟුරු තොග ප්‍රමාණයන්ද ඇතුළත්ව) ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය විසින් ලබා දෙන දත්ත මත නිරීක්ෂණයන්ට එළඹීමට සිදුවීම.

## 05. ක්‍රියාවලිය

### 5.1 ලක්විජය බලාගාරය පිළිබඳ හැඳින්වීම

වයඹ පළාතේ කල්පිටිය - නොරොච්චෝල ප්‍රදේශයේ පිහිටුවා ඇති මෙගා වොට් 900 ක ධාරිතාවයකින් යුත් ලංකා විදුලිබල මණ්ඩලයට අයත් ශ්‍රී ලංකාවේ ප්‍රථම සහ එකම ගල් අඟුරු තාප බලාගාරය ලක්විජය ගල් අඟුරු තාප බලාගාරය වේ. මෙම බලාගාරයෙහි ප්‍රථම අදියර 2006 වර්ෂයේදී මෙගා වොට් 300 ක ධාරිතාවයක් සහිතව ද , දෙවන අදියර 2010 වර්ෂයේදී මෙගාවොට් 600 ක ධාරිතාවක් සහිතවද ආරම්භ කර තිබුණු අතර 2011 වර්ෂයේදී පළමු අදියරෙන් 300 MW ක් හා 2014 වර්ෂයේ දී දෙවන අදියර 600MW ක් ජාතික විදුලි බල පද්ධතියට ප්‍රථම වරට එකතු වී තිබුණි. ඒ අනුව මෙම බලාගාරය මගින් ජාතික විදුලිබල අවශ්‍යතාවයෙන් සියයට 30 ත් 40 ත් අතර ප්‍රමාණයක් සඳහා දායකත්වයක් ලබා දෙන අතර බලාගාරය ක්‍රියාත්මක කරවීම සඳහා වාර්ෂිකව ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 2.25 ක් පමණ අවශ්‍ය වන බවද හඳුනා ගෙන තිබුණි.

### 5.2 බලාගාරය සඳහා ගල් අඟුරු අවශ්‍යතාවය සපුරා ගැනීම

ලිත් වර්ෂයක මැයි සිට ඊළඟ වර්ෂයේ අගෝස්තු දක්වා කාලපරිච්ඡේදය තුළ නොරොච්චෝල ප්‍රදේශයට නිරිතදිග මොසම් (වාරකන්) කාලයේ බලපෑම ඇති වීම හේතුවෙන් නැව නැංගුරම්ලෑමද, ගල්අඟුරු ගොඩබෑම ද, ගල්අඟුරු රැගෙන එන බත්තල්වලට බලාගාරයේ ජැටිය වෙත පැමිණීම ද අපහසු වේ. එහෙයින් තාප බලය නිෂ්පාදනය සඳහා අවශ්‍ය වන වාර්ෂික ගල්අඟුරු අවශ්‍යතාවය ඔක්තෝබර් සිට ඉදිරි වර්ෂයේ මාර්තු දක්වා කාලය තුළදී ගල් අඟුරු රැස්කර අංගනයේ ගබඩා කරගැනීමෙන් අනතුරුව එම ගබඩාකරගත් ගල් අඟුරු උපයෝගීකර ගනිමින් බලශක්ති උත්පාදන කටයුතු අඛණ්ඩව පවත්වා ගෙන යනු ලැබේ. විදුලිබල උත්පාදනය සඳහා බලාගාරය සඳහා ගෙන එන නැවක ගල්අඟුරු ප්‍රමාණය මො. ටො. 60,000 ක් පමණ වීම හේතුවෙන් ඉහත සඳහන් අවශතාවය අනුව වර්ෂයක් තුළ නැව් ගමන් වාර 38 ක් පමණ අපේක්ෂා කරනු ලබයි.

### 5.3 ලංකා ගල්අඟුරු (පුද්ගලික) සමාගම පිළිබඳ හැඳින්වීම

5.3.1 ශ්‍රී ලංකාවේ ගල් අඟුරු තාප බලාගාර සඳහා ගල් අඟුරු ප්‍රසම්පාදනය කර සැපයීම අරමුණු කර ගනිමින් 2006 අප්‍රේල් 05 දිනැති අංක අමප/06/0636/222/019 දරන අමාත්‍ය මණ්ඩල තීරණය **(ඇමුණුම 01)** ප්‍රකාරව 2007 අංක 07 දරන සමාගම් පනත යටතේ ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම, 2008 ජනවාරි 23 දින සංස්ථාපනය කර තිබුණි**.** මෙම සමාගමෙහි කොටස්වල අයිතියෙන් සියයට 60 ක් ලංකා විදුලිබල මණ්ඩලයටත්, සියයට 20 ක් මහාභාණ්ඩාගාරයටත්, සියයට 10 ක් ශ්‍රී ලංකා වරාය අධිකාරියටත් ඉතිරි සියයට 10 ලංකා නැව් සංස්ථාවටත් හිමි වී ඇත.

5.3.2 සමාගමේ ප්‍රධාන ව්‍යාපාරික කටයුත්ත නොරොච්චෝලේ ලක්විජය ගල් අඟුරු බලාගාරය (LVPP) සඳහා අවශ්‍ය ගල් අඟුරු ප්‍රමාණය අවශ්‍ය ගුණාත්මක තත්වයෙන් නිසි මිලට සැපයීම වේ. ඒ අනුව ලක්විජය ගල් අඟුරු බලාගාරය සඳහා ගල් අඟුරු ප්‍රසම්පාදනය කර සැපයීම වෙනුවෙන් වූ ප්‍රථම ගල් අඟුරු නැව 2010 ජූලි 06 දින නොබෙල් රිසෝසස් සමාගම මඟින් ප්‍රසම්පාදනය කරවාගෙන තිබුණි.

5.3.3 ඒ අනුව නොරොච්චෝලේ බලාගාරය ආරම්භයේ සිට එනම් 2010 වර්ෂයේ සිට 2026 මාර්තු 11 දින දක්වා ගල් අඟුරු ප්‍රසම්පාදන වාරය අවසාන වන තෙක් ලංකා ගල් අඟුරු සමාගම විසින් නැව් තොග 465 ක් පමණ ප්‍රසම්පාදනය කර තිබුණු අතර, ඉන් නැව් තොග 135 ක් ක්ෂණික ප්‍රසම්පාදන ක්‍රියාවලිය (Spot Tender) මගින්ද නැව් තොග 240 ක් දීර්ඝ කාලීන ප්‍රසම්පාදන ගිවිසුම් (Term Tender) මඟින්ද නැව් තොග 90 ක් ඉදිරිපත් කරන ලද යොජනා මගින්ද සපුරා ගෙන තිබුණි.

## 5.4 සමාගම විසින් සිදුකරන ලද ප්‍රසම්පාදන ක්‍රියාවලිය විශ්ලේෂණය

### 5.4.1 ගල්අඟුරු ප්‍රසම්පාදනය සඳහා සැපයුම්කරුවන් තෝරා ගැනීම

ගල්අඟුරු ප්‍රසම්පාදනය සඳහා වන සැපයුම්කරුවන් තෝරා ගැනීම සඳහා සැපයුම්කරුවන් ලියාපදිංචි කිරීම සමාගම විසින් වාර්ෂිකව සිදු කරනු ලබන අතර , එලෙස ලියාපදිංචිය සඳහා අයදුම් කරනු ලබන ජාත්‍යන්තර සැපයුම්කරුවන්ගේ ගල් අඟුරු සැපයීමේ පූර්ව පළපුරුද්ද, මූල්‍ය හැකියාවන්, නෛතික තත්ත්වය සහ ඇගයීමට ලක් කළ යුතු අනෙකුත් අවශ්‍ය නිර්ණායක ඇගයීමකට ලක් කර වාර්ෂිකව ගල් අඟුරු සැපයුම්කරුවන් ලංකා ගල් අඟුරු සමාගමේ ලියාපදිංචි සැපයුම්කරුවන් ලෙස ලියාපදිංචි කර ගැනීම සිදු කරනු ලබයි. එසේ ලියාපදිංචි කරන ලද සැපයුම්කරුවන් වෙතින් සීමිත ජාත්‍යන්තර ලංසු කැඳවීමේ ක්‍රමය අනුගමනය කරමින් මිල ගණන් කැඳවා ඇගයීමට ලක් කොට, ඉදිරි ගල් අඟුරු වාරයක් සඳහා හෝ වර්ෂයකට අදාලව ගල් අඟුරු සැපයීම සඳහා සැපයුම්කරුවකු තෝරා ගැනීම සිදු කරනු ලබයි.

### 5.4.2 ගල්අඟුරු මිලදී ගැනීම සඳහා ගෙවීම් කිරීම

**5.4.2.1** 2022 වර්ෂයට පෙර, ගල් අඟුරු මිලදී ගන්නා මිල තීරණය කිරීම සඳහා කාලීන ටෙන්ඩර් පදනම ලෙස තනි දර්ශක-සම්බන්ධිත මිලක් වන API4 දර්ශකය (දකුණු අප්‍රිකා දර්ශකය) භාවිතා කර තිබුණු අතර එය Argus Media විසින් ප්‍රකාශයට පත් කරන ලද මාසික සාමාන්‍යය ලෙස ගණනය කර තිබුණි.

**5.4.2.2** 2022 න් පසු, මිල තීරණය කිරීම සඳහා සංයුක්ත දර්ශක හඳුන්වා දී තිබුණු අතර එහිදී API4 (දකුණු අප්‍රිකා දර්ශකය) සහ API6 (ඕස්ට්‍රේලියා දර්ශකය) යන දර්ශක දෙකක් භාවිතා කර තිබුණි. ඉන් අනතුරුව අමාත්‍ය මණ්ඩල උපදෙස් මත ජනලේඛන හා සංඛ්‍යාලේඛන දෙපාර්තමේන්තුවේ සහ කොළඹ විශ්ව විද්‍යාලයේ නිර්දේශ මත පදනම්ව , ශ්‍රී ලංකාවට ප්‍රධාන ගල් අඟුරු සපයන කලාප නියෝජනය කරන කලාපීය තුනක පහත පරිදි ගල් අඟුරු දර්ශක තුනක සාමාන්‍යයෙන් ලබාගත් සංයුක්ත දර්ශකයක් භාවිතා කරමින් සංශෝධිත ක්‍රමවේදයක් අනුගමනය කිරීම සිදුකර තිබුණි. **(ඇමුණුම 02)**

(i) API4 – South African Index
(ii) ICI (Indonesia) – Monthly average of ICI1 and ICI2
(iii) RCI (Russia) – Monthly average of Taman and Vostochny regions

**5.4.2.3** තවද 2019 වර්ෂයට පෙර Load port තත්ත්ව පරීක්ෂණ වාර්තාව මත පදනම්ව සියළු අවසාන ගෙවීම් සිදු කර ඇති අතර, Discharge Port තත්ත්ව පරීක්ෂණ වාර්තාවන් ලබාගෙන ඇතත් එම වාර්තා ගෙවීම් කිරීමට පදනම් කරගෙන නොතිබුණි. ඉන් අනතුරුව 2019/2020 වාරයේ 241 වන නැව්ගත කිරීමේ දී ප්‍රථමයෙන්ම Discharge Port තත්ත්ව පරීක්ෂණ වාර්තාවන් මත පදනම්ව ගෙවීම් කිරීම අරඹා තිබුණි. ඒ අනුව ගල් අඟුරු තොගයේ වටිනාකමින් සියයට 80 ක් පැටවුම් වරාය (Load port) තත්ත්ව පරීක්ෂණ වාර්තාව මත පදනම්ව සැපයුම්කරුගේ ඉන්වොයිසිය ලැබීමෙන් අනතුරුව සැපයුම්කරුට ගෙවනු ලබන අතර ඉතිරි සියයට 20 ක ප්‍රමාණය ගල් අඟුරු තොගය ලැබීමෙන් පසු ගොඩබාන වරාය (Discharge Port) පරීක්ෂණ වාර්තාව මත මිල ගැළපීම් වලින් පසු සැපයුම්කරුට ගෙවනු ලැබේ.

**5.4.3 සමාගම විසින් 2010 වර්ෂයේ සිට 2026 වර්ෂය දක්වා සමාගම විසින් සිදුකරන ලද ප්‍රසම්පාදන ක්‍රියාවලින්**

සමාගම විසින් නොරොච්චෝලේ බලාගාරය වෙනුවෙන් ගල් අඟුරු මිලදී ගැනීම සඳහා සිදුකරන ලද ප්‍රසම්පාදනයන් සම්බන්ධයෙන් ඉහත 01 ඡේදයෙහි දැක්වෙන පරිදි අවස්ථා දෙකක දී විශේෂ විගණන වාර්තා දෙකක් නිකුත් කර ඇති අතර එම වාර්තාවන්හි ඇතුලත් තොරතුරුද දක්වමින් අදාල විශ්ලේෂණයන් ඉදිරිපත් කර ඇත. මෙම විශ්ලේෂණය අවස්ථා දෙකක් යටතේ ඉදිරිපත් කරනු ලබන අතර 2010 -2022/2025 කාලපරිච්ඡේදයට අදාල සංක්ෂිප්ත ඉදිරිපත් කිරීමක්ද (ඉහතින් දක්වා ඇති පරිදි විස්තරාත්මක විශේෂ වාර්තා දෙකක් ඉදිරිපත් කර ඇති බැවින්) 2026 වර්ෂයේ ප්‍රසම්පාදනය සම්බන්ධයෙන් විස්තරාත්මක විශ්ලේෂණයක්ද ඉදිරිපත් කර ඇත.

### 5.4.3.1 2010 වර්ෂයේ සිට 2025/2026 කාලපරිච්ඡේදයට අදාල මිලදී ගැනීම

**වගුව අංක 01 - 2010 වර්ෂයේ සිට 2025/2026 කාලපරිච්ඡේදයට අදාල මිලදී ගැනීම**

| | ගල් අඟුරු වාරය | බලාගාරය විසින් වාරයක් සඳහා ඉල්ලුම්කර නිබුණු ප්‍රමාණය | මුළු නැවතොග ප්‍රමාණය | මෙට්‍රික් ටොන් 1 ක් සඳහා මිල ($) | දීර්ඝ කාලීන ප්‍රසම්පාදනයෙන් ලබා ගත් ප්‍රමාණය (මෙට්‍රික් ටොන් ) | දීර්ඝ කාලීන ප්‍රසම්පාදනයෙන් ලබා ගත් නැවතොග ප්‍රමාණය | ක්ෂණික ප්‍රසම්පාදන ගණන | ක්ෂණික ප්‍රසම්පාදනයෙන් ලබා ගත් ප්‍රමාණය | ක්ෂණික ප්‍රසම්පාදනයෙ ලබා ගත් නැ | දීර්ඝ කාලීන ප්‍රසම්පාදනය % | ක්ෂණික ප්‍රසම්පාදනය % | මුළු සැපයුම් ප්‍රමාණය (මෙට්‍රික් ටොන්) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | **2010-2011** | - | 5 | $132.93 | 208,589 | 3 | 1 | 81,688 | 2 | 60% | 40% | 290,277 |
| **2** | **2011-2012** | - | 13 | 126.01 | 769,961 | 12 | 1 | 59,358 | 1 | 92% | 8% | 829,319 |
| **3** | **2012-2013** | - | 10 | 100.06 | 554,805 | 10 | - | - | - | 100% | - | 554,805 |
| **4** | **2013-2014** | - | 18 | 93.1 | 1,003,549 | 18 | - | - | - | 100% | - | 1,003,549 |
| **5** | **2014-2015** | - | 32 | 86.41 | 1,849,726 | 32 | - | - | - | 100% | - | 1,849,726 |
| **6** | **2015 – 2016** | 2,200,000 | 39 | $65.71 | 1,064,724 | 18 | 4 | 1,126,805 | 21 | 46% | 54% | 2,191,529 |
| **7** | **2016 – 2017** | 2,200,000 | 37 | $82.10 | 935,270 | 16 | 4 | 1,274,713 | 21 | 43% | 57% | 2,209,983 |
| **8** | **2017 – 2018** | 2,100,000 | 35 | $85.88 | 1,198,942 | 20 | 3 | 918,223 | 15 | 57% | 43% | 2,117,165 |
| **9** | **2018 – 2019** | 1,920,000 | 31 | $90.33 | 1,212,700 | 20 | 2 | 655,316 | 11 | 65% | 35% | 1,868,016 |
| **10** | **2019 – 2020** | 2,400,000 | 40 | $61.33 | 1,275,205 | 21 | 4 | 1,144,713 | 19 | 53% | 47% | 2,419,918 |
| **11** | **2020 – 2021** | 2,520,000 | 42 | $76.93 | 1,179,374 | 20 | 5 | 1,288,115 | 22 | 48% | 52% | 2,467,489 |
| **12** | **2021 – 2022** | 2,360,000 | 35 | $184.44 | 1,166,434 | 19 | 3 | 954,274 | 16 | 54% | 46% | 2,120,708 |
| **13** | **2022 – 2023** | 2,420,000 | 30 | $224.73 | 1,203,053<br>472,129.41 * | 20<br>(Prop) 08 | 1 | 121,100 | 2 | 93% | 7% | 1,796,282 |
| **14** | **2023 – 2024** | 2,335,000 | 38 | $126.27 | 236,297.10 *<br>1,690,276.43 ** | (Prop) 04<br>(Prop) 29 | 1 | 293,997.57 | 5 | 87% | 13% | 2,220,571 |
| **15** | **2024 - 2025** | 2,240,000 | 38 | $121.82 | 2,150,477.60*** | (Prop) 09<br>(Prop) 29 | - | - | - | 100% | - | 2,150,478 |
| **16** | **2025-2026** | 2,320,000 | 36 | $97.92 | 1,272,172**** | -36<br>22* as at 2026.03.16 | - | - | - | 100% | - | 1,272,172**** |

* ***For the 2022–2023 coal season, proposals were invited; however, due to the economic downturn in the country, no registered or non-registered suppliers submitted responsive bids.***

** ***For the 2023–2024 season, proposals were invited from registered suppliers and the tender was initially awarded to Coral Energy. As Coral Energy did not accept the award and failed to furnish the required performance bond, the award was subsequently granted to Black Sand Commodities.***

*** ***For the 2024–2025 season, after cancelling the tender process, the contract for a quantity of 2.25 million MT ±10% was awarded to Potencia based on their proposal.***

### 5.4.3.1.1 2022 ජූලි සිට 2025/2026 වරයා දක්වා ප්‍රසම්පාදන ක්‍රියාවලිය

#### 5.4.3.1.1.1 2022-2025 කාල සීමාව සඳහා මෙ.ටොන් මිලියන 4.5 ± 10% ලබා ගැනීම

ලංකා ගල් අඟුරු සමාගම විසින් ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 4.5± 10% ක් සඳහා වූ දිගුකාලීන ප්‍රසම්පාදන ක්‍රියාවලිය 2022 ජූලි 21 ආරම්භ කර තිබූ අතර එමඟින් කාල පරිච්ඡේද තුනක් එනම්, 2022-2023, 2023-2024, 2024-2025 වාරයන් ආවරණය වන පරිදි පිළිවෙළින් ගල් අඟුරු මෙ. ටො. මිලියන 1.125 ක්, මෙ. ටො. මිලියන 2.25 ක් හා මෙ. ටො. මිලියන 1.125ක් වශයෙන් ප්‍රසම්පාදනය කිරීමට අපේක්ෂා කර තිබුණි. ප්‍රසම්පාදන ක්‍රියාවලිය 2022 ජූලි 21වන දින ආරම්භ කර 2022 අගෝස්තු 25 වන දින එනම් දින 35 ක් වැනි කෙටි කාලයක් තුළ කොන්ත්‍රාත්තුව Black Sand Commodities වෙත පිරිනමා තිබූ අතර, කාර්ය සාධන බැඳුම්කරය ලබා දීමට අපොහොසත් වීම මත 2022 අගෝස්තු 22 කොන්ත්‍රාත් ප්‍රදානය අවලංගු කර තිබුණි. (නොරොච්චෝලේ ලක්විජය ගල් අඟුරු බලාගාරය සඳහා 2022–2025 කාලපරිච්ඡේදයට අදාළව ගල් අඟුරු මිලදී ගැනීමේ ප්‍රසම්පාදන ක්‍රියාවලිය ඇගයීම නමින් විශේෂ විගණන වාර්තාවක් මේ සම්බන්ධයෙන් 2022 වර්ෂයේ නිකුත් කර ඇත)

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#### 5.4.3.1.1.2 2023 ජනවාරි සිට අප්‍රේල් දක්වා ගල් අඟුරු මෙ.ටො. 720,000 ± 10% ප්‍රසම්පාදනය

i. හදිසි හා සුවිශේෂී තත්වයන් සැලකිල්ලට ගෙන ණය පහසුකම් මත, අපේක්ෂිත ලියාපදිංචි හෝ ඉල්ලුම් කරනලද හෝ ස්ව කැමැත්තෙන් යෝජනා ඉදිරිපත් කරන ලද සැපයුම්කරුවන් වෙතින් (Unsolicited Proposal) හා අවලංගු වූ ක්ෂණික හා දිගුකාලීන ප්‍රසම්පාදන සඳහා ලංසු ඉදිරිපත් කරන ලද ලංසු කරුවන් හා රජයන් අතර පදනම්ද සතියක කාලයත් තුල යෝජනා කැඳවීමට 2022 නොවැම්බර් 18 දිනැති අංක 22/1872/621/014-vi දරන අමාත්‍ය මණ්ඩල සංදේශය සඳහා **(ඇමුණුම 03)** 2022 නොවැම්බර් 21 දින අමාත්‍ය මණ්ඩල අනුමැතිය ලැබී තිබුණි **(ඇමුණුම 04).**

ii. සැපයුම්කරුවන් අතර සහභාගිත්වය හා තරහකාරීත්වය වැඩි කිරීම සඳහා ලංසු බැඳුම්කර, කාර්ය සාධනඇපකර හා සුදුසුකම් නිරිනායක ලිහිල් කිරීමට ද කල් දැමූ ගෙවීම්, අනේවාසික රුපියල් ගිණුම් හෝ වෙනත් ගෙවීම් ක්‍රම පිළිගැනීම සඳහාද අනුමැති එම අමාත්‍ය මණ්ඩල තීරණයෙන් ලබා දී තිබුණි. ඒ අනුව 2022 නොවැම්බර් 23 කැඳවන ලද යෝජනා සඳහා සැපයුම්කරුවන් 09 දෙනෙකු ඉදිරිපත් කළ යෝජනා අතරින් MS/PT Arista Miltra Jaya සමාගම ගල්අඟුරු මෙ.ටො. 720,000 ක් සැපයීමට තෝරා ගෙන තිබුණද **(ඇමුණුම 05)** ගල් අඟුරු සමාගම සපයන ලද ණයවර ලිපිය සැපයුම්කරුගේ බැංකුව විසින් පිළිනොගැනීම මත2023 ජනවාරි 27 දින අත්සන් කළ කොන්ත්‍රාත් ගිවිසුම 2023 මාර්තු 06 දින අවලංගු කර තිබුණි **(ඇමුණුම 06).**

iii අනතුරුව පත් කරන ලද අමාත්‍ය මණ්ඩල අනුකමිටුව මුල් යෝජනා ඇගයීම කර තිබූ අතර 2023 පෙබරවාරි 06 දිනැති අංක 23/0259/621/007/ටිබීආර් දරන අමාත්‍යමණ්ඩල සංදේශයට **(ඇමුණුම 07)** 2023 පෙබරවාරි 06 අමාත්‍ය මණ්ඩල රැස්වීමේදී අනුමැතිය ලබාදී තිබණු අතර Coral Energy DMCC සමාගම සමඟ ගල් අඟුරු මෙ.ටො. 720,000 ක් සැපයීම සඳහා 2023 පෙබරවාරි 23 ගිවිසුම්ගතව තිබුණි .

**5.4.3.1.1.3 2023-2024 කාල සීමාව සඳහා ක්ෂණික ප්‍රසම්පාදනය මඟින් මෙ.ටො 300,000 ± 10% (05 Shipments) ලබා ගැනීම**

ලියාපදිංචි හා 2023 ජූලි 18 දින හෝ එදිනට පෙර ලියාපදිංචි අපේක්ෂාවෙන් සිටින සැපයුම්කරුවන්ගෙන් ලංසු කැඳවීමට 2023 ජූනි 23 දින විශේෂ ස්ථාවර ප්‍රසම්පාදන කමිටුව ( SSCAPC ) ලබා දුන් තීරණයට අනුව **(ඇමුණුම 08)** එදිනම ලංසු ආරාධනා යවා තිබුණු අතර යැවීමට කටයුතු කර 2023 ජූලි 21 දිනට පෙර ලංසු භාර ගැනීම සිදුකල යුතු බව දන්වා තිබුණි. මේ සඳහා සැපයුම්කරුවන් 06 දෙනෙකු ලංසු ඉදිරිපත් කර තිබුණු අතර අවම සාරානුකූල ලංසුකරු ලෙස Coral Energy සමාගම තෝරා ගෙන තිබුණි. ඒ අනුව අදාල ගල් අඟුරු මෙට්‍රික් ටොන් 300,000 සැපයීම සඳහා (CFR මිල 128.99 කට) 2023 සැප්තැම්බර් 07 දින මෙම සමාගම හා ගිවිසුම් අත්සන් කර තිබුණු අතර. ඒ සඳහා ආවරණ අනුමැතිය 2023 සැප්තැම්බර් 26 දින පැවති කැබිනට් රැස්වීමේ දී ලබා දීමට අමාත්‍ය මණ්ඩලය කටයුතුකර තිබුණි. **(ඇමුණුම 09 )**

**5.4.3.1.1.4 දිගුකාලීන ප්‍රසම්පාදනය යටතේ (LCC/23/TT/1) 2023 ඔක්තොම්බර් සිට 2024 දෙසැම්බර් දක්වා ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 2.25 මිලදී ගැනීම**

මේ අතර ඉහත කාල සීමාව සඳහා 2023 මාර්තු 27 දිනැති අමාත්‍ය මණ්ඩල තීරණය අනුව **(ඇමුණුම 10)** දිගුකාලීන ප්‍රසම්පාදනය මඟින් ලංසු කැඳවීම සඳහා 2023 ජූනි 13 දින පලකරන ලද පුවත්පත් දැන්වීම හා විද්‍යුත් තැපෑල මඟින් කරන ලද ලංසු කැඳවීම් සඳහා සැපයුම්කරුවන් 05 දෙනෙකු ප්‍රතිචාර දක්වා තිබුණි. එම ප්‍රතිචාර දැක්වූ සැපයුම්කරුවන් අතුරින් 2023 සැප්තැම්බර් 11 දින ලද SCAPC තීරණය අනුව Coral Energy DMCC සමාගම වෙත කොන්ත්‍රාත්තුව ප්‍රදානය කර තිබුණි. එහෙත් 2023 සැප්තැම්බර් 18 දින සැපයුම්කාර සමාගම විසින් ලංසුව ඉවත් කරගැනීම හේතුවෙන් **(ඇමුණුම 11)** 2023 සැප්තැම්බර් 25 දින ප්‍රසම්පාදනය අවලංගු කිරීමට අමාත්‍ය මණ්ඩලය තීරණය කර තිබුණි **(ඇමුණුම 12).**

**5.4.3.1.1.5 2023/2024 හා 2024/2025 ප්‍රසම්පාදන කාල සීමාව සඳහා ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 2.25 මිලදී ගැනීම LCC/23/Prop/1**

i. උක්ත ප්‍රසම්පාදනය අවලංගු කිරීම ඉතා කෙටිකලක් තුල බලාගාරය සඳහා ගල් අඟුරු සැපයීමට සිදුව තිබූ අතර ඇතිවූ හදිසි තත්ත්වයය මත 2023 සැප්තැම්බර් 25 දින ඉහත සඳහන් අමාත්‍ය මණ්ඩල අනුමැතිය අනුව ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 2.25 මිලදී ගැනීම සඳහා ලියාපදිංචි සැපයුම්කරුවන්ගෙන් අභිප්‍රායන් පළකිරීම් කැඳවීමට (EOI) සතියක කාලයක් තුල කටයුතු කර තිබුණි.

ii. ඒ අනුව 2023 සැප්තැම්බර් 20 දින ලංසු 04ක් ලැබී තිබූ අතර ඉන් තෝරාගන්නා ලද Black Sand Commodities FZ-LLC සමාගම සමඟ 2023 සැප්තැම්බර් 29 දින ගිවිසුම් අත්සන් කර තිබුණි. ඒ අනුව මෙම සැපයුම්කරු සැපයීම සඳහා ගිවිසුම්ගතවූ නැව් 38 න් 16 ක් එනම් මෙ.ටො.914,495 ක් සපයා තිබුණු අතර භූ දේශපාලනික ගැටළු හේතුවෙන්, සමාගමේ මව් සමාගම වන SUEK AG (රුසියාව) මත සම්බාධක පැනවීම මත ඉතිරි ප්‍රමාණය වන මෙට්‍රික් ටොන් 1,390,342 ක් සැපයීම සඳහා ඉහත සැපයුම්කරු විසින් කරන

ලද අධ්‍යක්ෂක මණ්ඩල යෝජනාවට අනුව POTENCIA LLC-FZ සමාගමට ඉහත ප්‍රමාණය සැපයීමේ වගකීම හුවමාරු කිරීම සඳහා 2024 මාර්තු 18 වන දින අමාත්‍ය මණ්ඩල අනුමැතිය ලබා දී තිබුණි **(ඇමුණුම 13).** පසුව, 2024 මාර්තු 19 වන දින සමාගම සහ POTENCIA LLC-FZ අතර අතිරේක ගිවිසුමක් අත්සන් කරන ලදි. කෙසේ වෙතත්, ඉහත නම් කරන ලද සැපයුම්කරු ඉහත අනුමත කිරීම්වලට පෙර එනම් 2024 ජනවාරි 27 වන දින ගල් අඟුරු සැපයීම ආරම්භ කර තිබුණු අතර 2023/2024 කාලය සඳහා නැව් වාර 13 හා 2024/2025 වාරය සඳහා නැව් වාර 9 මෙම Potenzia සමාගම සපයා තිබුණි.

**5.4.3.1.1.6 2024/2025 සඳහා 2025/2026 වාර සඳහා දිගුකාලීන ප්‍රසම්පාදනය යටතේ (lcc/tt/24/1) මෙට්‍රික් ටොන් මිලියන 2.225 මිලදී ගැනීම අවලංගු කිරීම හා LCC/23/Prop/1 New ලෙස යෝජනාවක් මඟින් මිලදී ගැනීම.**

**i.** 2023 නොවැම්බර් 07 දින, ලංකා ගල්අඟුරු සමාගම විසින් විදුලි හා බලශක්ති අමාත්‍යාංශය වෙත කරන ලද ඉල්ලීමට අනුව **(ඇමුණුම 14),** 2024/2025 2025/2026 වාර සඳහා දිගු කාලීන ප්‍රසම්පාදනය යටතේ, මෙට්‍රික් ටොන් 2.25 ක් මිලදී ගැනීම සඳහා රාජ්‍ය ව්‍යාපාර අධ්‍යක්ෂ ජෙනරාල්වරයා විසින්, 2023 දෙසැම්බර් 06 දින TEC හා SSCAPC කමිටු පත්කර තිබුණු **(ඇමුණුම 15)** අතර, 2024 පෙබරවාරි 20 දින ලංසු කැඳවා තිබුණි. මේ සඳහා ලංසු ඉදිරිපත් කිරීමේ අවසන් දිනය 2024 අප්‍රේල් 02 ලෙස සලකා තිබුණද විවිධ හේතු මත ලංසු කැඳවීමේ අවසන් දිනය සිව් වතාවක් වෙනස්කර 2024 ජූලි 08 දක්වා දීර්ඝ කර තිබුණි. ලංසු ඇගයීම කරන දින එනම් 2024 ජූලි 08 දින, එවකට Novation agreement යටතේ ගල් අඟුරු සපයමින් සිටි ලියාපදිංචි නොවූ සමාගම වූ Potenzia සමාගම මිල යෝජනාවක් ඉදිරිපත් කලද (proposal) TEC විසින් එය අගය කිරීමෙන් තොරව අවම සාරානුකූල ලංසුව ලෙස ඩොලර් 135.79 ක් CFR මිල ඉදිරිපත් කල Adithya Birla සමාගම නිර්දේශ කර තිබුණි. 2024 අගෝස්තු 05 දිනැති අමාත්‍ය මණ්ඩල තීරණය අනුව **(ඇමුණුම 16),** 2024 ජූලි 25 දින ඉදිරිපත් කල අමප/24/1493/621/075 කරන අමාත්‍ය මණ්ඩල සංදේශයේ සඳහන් පරිදි **(ඇමුණුම 17),** තෝරාගන්නා ලද සැපයුම්කරු සමඟ මිල සඳහා ගැලපීමක් කරගැනීමට (negotiation) සාකච්ඡා කිරීමටත් එය අසමත් වේ නම්, වත්මන් සැපයුම්කරු දී ඇති මිල යෝජනාව (proposal) ඇගයීමටත්, Potenzia සමඟ ඇතිකර ගත් මුල් ගිවිසුමෙන් සියයට 50 ක් එම සැපයුම්කරුට යෝජනා කර තිබුණි. තවද මේ සඳහා මුදල් අමාත්‍යවරයාගෙ නිරීක්ෂණ අනුව, අමාත්‍ය මණ්ඩල අනු කමිටුවක් පත් කර තිබූ අතර එම නිර්දේශ 2024 අගෝස්තු 21 දින ලබා දී තිබුණි **(ඇමුණුම 18).**

**ii.** එම අනු කමිටු නිර්දේශ මත ,දිගු කාලීන ටෙන්ඩරය යටතේ තෝරාගත් Adithya Birla සමාගම මිල ගැලපීමට එකඟ නොවීම මත දිගු කාලීන ටෙන්ඩරය අවලංගු කිරීමටත්, Potenzia සමාගමේ මිල යෝජනාව වූ CFR මිල වන ඩොලර් 121.82 ක මිලකට LCC/23/PROP/1 (new) මෙ.ටො මිලියන 2.25 ක මුළු අවශ්‍යතාවයම සැපයීමට අමාත්‍ය මණ්ඩලය 2024 අගෝස්තු 22 දින අනුමත කර තිබුණි **(ඇමුණුම 19).** තවද ණයවර ලිපි (LC) මඟින් ගෙවීම් කිරීමෙන් තොරව ටෙලිග්‍රැෆික් හුවමාරු ක්‍රමය (Telegraphic Transfer) මඟින් ගෙවීම් ලබා ගැනීමට Potenzia සමාගම කල

ඉල්ලීම සඳහාද අනුමැතිය එමඟින් ලබා දී තිබුණි. ඒ අනුව 2024 සැප්තැම්බර් 12 දින කොන්ත්‍රාත්තුව ප්‍රදාන කර තිබුණි **(ඇමුණුම 20)**

### 5.4.3.2 2025/2026 කාලපරිච්ඡේදය සඳහා ගල්අඟුරු මිලදී ගැනීම

#### 5.4.3.2.1 2025 වර්ෂය සඳහා කාලපරිච්ඡේදය සඳහා සැපයුම්කරුවන් ලියාපදිංචි කිරීම

(i) ජාත්‍යන්තර සැපයුම්කරුවන්ගේ ගල් අඟුරු සැපයීමේ පූර්ව පළපුරුද්ද, මූල්‍ය හැකියාවන්, නෛතික තත්ත්වය සහ ඇගයීමට ලක් කළ යුතු අනෙකුත් අවශ්‍ය නිර්ණායක ඇගයීමකට ලක් කර වාර්ෂිකව ගල් අඟුරු සැපයුම්කරුවන් ලංකා ගල් අඟුරු සමාගමේ ලියාපදිංචි කිරීමේ ක්‍රියා පටිපාටියක් සමාගම විසින් සකසා තිබුණි. මෙම ලියාපදිංචිය වර්ෂය පුරාවටම සිදුකරනු ලබන අතර 2025/2026 කාලපරිච්ඡේදය සඳහා ගල්අඟුරු මිලදී ගැනීමේ ප්‍රසම්පාදනය ආරම්භ කිරීමට පෙර ද සැපයුම්කරුවන් ලියාපදිංචි කිරීමක් සිදුකර තිබුණි. මෙම ලියාපදිංචි කිරීම 2025 වර්ෂයේ සිදුකරන ලද දෙවන ලියාපදංචි කරගැනීම වන අතර එම ලියාපදිංචියට පෙර සැපයුම්කරුවන් 21 ක් පසුගිය වර්ෂ තුන තුල ලියාපදිංචි වී තිබුණි. 2025/2026 වර්ෂයෙහි ගල්අඟුරු මිලදී ගැනීමට සිදුකරන ලද ඉහත සඳහන් අවසන් සැපයුම්කරුවන් ලියාපදිංචියේ දී සැපයුම්කරුවන් 09 ක් ලියාපදිංචිය සඳහා සලකා බලා තිබුණි. එහිදී සැපයුම්කරුවන් ලියාපදිංචිය සඳහා තෝරා ගැනීම සඳහා ඇගයීමට පහත සඳහන් සාමාජිකයින්ගෙන් සමන්විත ලංසු ඇගයීම් කමිටුව (BEC) සහ අමාත්‍ය මණ්ඩලය පත්කළ ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටු (SHLPC) 2025 ජූලි 23 දින පත්කර තිබුණි **(ඇමුණුම 21).**

**වගුව අංක 02 - සැපයුම්කරුවකු තෝරා ගැනීම සඳහා පත්කල ලංසු ඇගයීම් කමිටුව (BEC)**

| නම | තනතුර | කමිටුවෙහි තනතුර |
|---|---|---|
| ඩී.එම්.ආර්.කේ.බී ගුණරත්න මහතා (ඉංජිනේරු) | නියෝජ්‍ය සාමාන්‍යාධිකාරී- ලංකා විදුලිබල මණ්ඩලය(මහවැලි සංකීර්ණය) | සභාපති |
| ටී.පී.කොඩිතුවක්කු මහතා | අධ්‍යක්ෂ (තාක්ෂණික) බලශක්ති අමාත්‍යාංශය | සාමාජික |
| හිමාලි බෝගොඩගෙදර මිය | අධ්‍යක්ෂ, විදේශ සම්පත් දෙපාර්තමේන්තුව | සාමාජික |
| ඩබ්ලිව්.ඒ.කේ.ඩී ප්‍රේමතිලක මයා | අතිරේක මූල්‍ය කළමණාකරු (ජනන) ලංකා විදුලිබලමණ්ඩලය | සාමාජික |
| බී.ඒ.අජිත් කුමාර මයා | මූල්‍ය කළමණාකරු - ලංකා ගල්අඟුරු සමාගම | සමාජික |
| එච්.සමන් ද සිල්වා මයා | වැඩබලන කළමණාකරු - (Catering and agency) සීමාසහිත ලංකා නැව්සංස්ථාව | සාමාජික |
| පී.ඩබ්ලිව්. බමුණුසිංහ | බලාගාර කළමනාකරු, ලක්විජය බලාගාරය | සාමාජික |
| ඒ.බී.එම් ටී. අබේකොන් | නියෝජ්‍ය බලාගාර කළමනාකරු, ලක්විජය බලාගාරය (වාණිජ සහ අධීක්ෂණ) | සාමාජික |

**වගුව අංක 03 සැපයුම්කරුවකු තෝරා ගැනීම සඳහා පත්කල ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටු (SHLPC)**

| නම | තනතුර | කමිටුවෙහි තනතුර |
|---|---|---|
| කේ.ආර්.උඩුවාවල මහතා | ලේකම් -පරිසර අමාත්‍යාංශය | සභාපති |
| මහාචාර්‍ය කේ.ටී.එම් උදයංග හේමපාල මහතා | ලේකම් -බලශක්ති අමාත්‍යාංශය | සාමාජික |
| ඩබ්ලිව්.ඒ දිල්රුක්ෂිණි මිය | සහකාර අධිපති ශ්‍රී ලංකා මහා බැංකුව | සාමාජික |
| එම්.කේ.ප්‍රදීප් කුමාර මයා | අධ්‍යක්ෂ ජනරාල්, වෙළෙඳ හා ආයෝජන ප්‍රතිපත්ති දෙපාර්තමේන්තුව | සමාජික |
| ඩබ්ලිව්.එදුස්සූරිය මහතා | සාමාන්‍යාධිකාරි, ලංකා විදුලිබල මණ්ඩලය | සාමාජික |
| ඒ.බී.එල්.ජී. කලංසූරිය | අතිරේක අධ්‍යක්ෂ ජේනරාල්, රාජ්‍ය ගිණුම් දෙපාර්තමෙන්තුව | සාමාජික |

ලංකා ගල් අඟුරු සමාගම විසින් 2025 වර්ෂය සඳහා සැපයුම්කරුවන් ලියාපදිංචි කිරීමේ පූර්ව සුදුසුකම් පරීක්ෂාව සඳහා වන අයදුම්පත් කැඳවීමේ දැන්වීම, 2025 ජනවාරි 12 දින එක් ජාතික පුවත්පතක සහ 2025 ජනවාරි 16 දින ලංකා ගල් අඟුරු සමාගමේ වෙබ් අඩවියේ පළකර තිබුණි. **(ඇමුණුම 22)** එම දැන්වීමට අනුව ස්ථාවර ප්‍රසම්පාදන කමිටුව විසින් සැපයුම්කරුවකු ලියාපදිංචිය සඳහා අනුමැතිය ලබා දුන් පසු එ.ජ.ඩො. 5,000 ක ආපසු නොගෙවිය යුතු ගාස්තුවක් ගෙවිය යුතු වේ.

(ii) සැපයුම්කරුවකු ලෙස ගල් අඟුරු සමාගමෙහි ලියාපදිංචි වීම සඳහා අයදුම්පත්‍ර කැඳවීම සමඟ ලබාදෙන උපදෙස් පත්‍රිකාව අනුව පහත නිර්නායක සපුරා තිබිය යුතු වේ **(ඇමුණුම 23).**

- ලියාපදිංචිය සඳහා අයදුම්කරනු ලබන සැපයුම්කරුවෙකු අවසාන මාස 36 තුල ගල්අඟුරු මෙ.ටො 500,000 ඉක්මවා සපයා තිබීමේ පලපුරුද්ද තිබිය යුතු අතර එයින් අවම මෙ.ටො 100,000 ක් GCV 5,900 kcal/kg ක් හෝ ඊට වැඩි අගයක් ගත යුතුයි.
  **(2023 ජුනි 23 සංශෝධිත ඉහත කොන්දේසියට පෙර සැපයුම්කරුවකු ලියාපදිංචි කිරීමේ නිර්නායක සලකන විට ලියාපදිංචිය සඳහා අයදුම්කරනු ලබන සැපයුම්කරුවෙකු අවසාන මාස 36 තුල අවම වශයෙන් ගල්අඟුරු මෙ.ටො 1,000,000 සපයා තිබීමේ පලපුරුද්ද තිබිය යුතු අතර එයින් අවම මෙ.ටො 500,000 ක් GCV 5,900 kcal/kg ක් හෝ ඊට වැඩි අගයක් ගත යුතු බවට සඳහන් කර තිබුණි.)**
- පසුගිය වසර 3 තුළ වාර්ෂික සාමාන්‍ය පිරිවැටුම එ.ජ.ඩො. මිලියන 50 ක් හෝ ඊට වැඩි විය යුතු වේ.
- කාරක ප්‍රාග්ධනය සහ/ හෝ ණය පහසුකම් ලබා ගැනීමේ හැකියාව එ.ජ.ඩො. මිලියන 15 කට නොඅඩු විම.

- පසුගිය වසර 3 තුළ අයදුම්කරු ඉටුකරන ලද කොන්ත්‍රාත් සම්බන්ධයෙන් වූ නඩු පැවරීම් හා බේරුම්කරන පිළිබඳව නිවැරදි තොරතුරු.

**(iii)** එම අයදුම්පත්‍ර තාක්ෂණ ඇගයීම් කමිටුව විසින් ඇගයීමෙන් පසුව ලියාපදිංචිය සඳහා සුදුසුකම් ලද සැපයුම්කරුවන් ලෙස පහත සඳහන් සැපයුම්කරුවන් 06 දෙනා සඳහා ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටු (SHLPC) අනුමැතිය ලබා දී තිබුණි. **(ඇමුණුම 24)**

- POTENCIA LLC-FZ
- A2A TRADING FZE
- PANACAPE TRADING DMCC
- TRIDENT CHEMPHAR LIMITED
- SPIRIKO Ltd.
- .PERSEVERANCE DMCC

(iv) ඉහත සැපයුම්කරුවන් විසින් ඇගයීමට ඉදිරිපත් කරන නිර්නායක පහතින් දැක්වේ

**වගුව අංක 04 සැපයුම්කරුවන් විසින් ඉදිරිපත් කරන ලද තොරතුරු**

| **නිර්නායකය** | **අවසාන මාස 36 තුල ගල්අඟුරු මෙ.ටො 500,000 ක් සැපයීම (ඉන් 100,000 ක් GCV 5,900 kcal/kg ක් හෝ ඉහළ අගයක් ගැනීම)** | **පසුගිය වසර 3 ක සාමාන්‍ය පිරිවැටුම (එ.ජ.ඩො 50)** | **කාරක ප්‍රාග්ධන සහ ණය පහසුකම් ලබා ගැනීමේ හැකියාව එ.ජ.ඩො. මිලියන 15 කට නොඅඩු වීම.** | **පසුගිය වසර 3 තුළ අයදුම්කරු ඉටුකරන ලද කොන්ත්‍රාත් සම්බන්ධයෙන් නීතිමය ගැටළු තත්වයන් ඇති වී තිබේද?** |
|---|---|---|---|---|
| POTENCIA LLC-FZ | මුළු සැපයුම 537,515MT GCV 5900 < 537,515MT | 116Mn | සපුරා ඇත | නොමැත |
| A2A TRADING FZE | මුළු සැපයුම 506,610MT GCV 5900 < 206,407 MT | 94Mn | සපුරා ඇත | නොමැත |
| PANACAPE TRADING DMCC | මුළු සැපයුම 531,284MT GCV 5900 < 531,284MT | 263Mn | සපුරා ඇත | නොමැත |
| TRIDENT CHEMPHAR LIMITED | මුළු සැපයුම 504,997MT GCV 5900 < 215,590MT | 156Mn | සපුරා ඇත | නොමැත |
| SPIRIKO Ltd. | මුළු සැපයුම 536,597MT GCV 5900 < 536,597MT | 240Mn | සපුරා ඇත | නොමැත |
| PERSEVERANCE DMCC | මුළු සැපයුම 673,604MT GCV 5900 < 673,604MT | 2,667Mn | සපුරා ඇත | නොමැත |

(v) මීට අමතරව 2023 වර්ෂයේ ලියාපදිංචිය සිදුකරන ලද Taranjot Resource (pvt) Ltd. සමාගම ලියාපදිංචිය සිදුකරන ලද 2023 වර්ෂයට ආසන්න මාස 36 ක කාලය තුල සපයා තිබුණු ගල්අඟුරු තොගයන්හි දල තාපජනන අගය (GCV) පහත සඳහන් සීමාවන් තුල පැවතුණි.

**වගුව අංක 05 Taranjot Resource (pvt) Ltd. සමාගම ලියාපදිංචිය සිදුකරන ලද ආසන්න මාස 36 ක කාලය තුල සපයා තිබුණු ගල්අඟුරු ප්‍රමාණය**

| **සීමාව** | **සපයන ලද මෙ.ටො ප්‍රමාණය** |
|---|---|
| 5,500-5,899 | 43,994 |
| 5,000-5,999 | 186,463 |
| 4,500 -4,999 | 106,158 |
| 4,000-4,499 | 403,244 |
| 3,500-3,999 | 172,767 |
| 3,000 -3,499 | 203,274 |
| **එකතුව** | **1,115,900** |

(vi) ඒ අනුව 2025 අගෝස්තු 14 දින ලංකා ගල් අඟුරු සමාගමෙහි සභාපති විසින් අදාල ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටු (SHLPC) තීරණයන් මත ලංකා ගල් අඟුරු සමාගමෙහි සැපයුම්කරුවකු ලෙස ලියාපදිංචි වීමට සුදුසුකම් ලබා ඇති බව ඉහත සඳහන් සැපයුම්කරුවන් සඳහා දන්වා යවා තිබුණි. තවද, වර්ෂ 03 ක් සඳහා ලියාපදිංචි ගාස්තු ලෙස එ.ජ.ඩො 5,000 ක් වහාම ගෙවන ලෙසද මෙ.ටො. 1.5 ක් සඳහා වූ ප්‍රසම්පාදනය සඳහා සීමිත කාල සීමාවක් පවතින බැවින් එම ටෙන්ඩරය සඳහා සහභාගි වීම සුරක්ෂිතකිරීම සඳහා කඩිනමින් ලියාපදිංචි ගාස්තු ගෙවීමේ අවශ්‍යතාවය ද එම ලිපියෙන් අවධාරණය කර තිබුණි. **(ඇමුණුම 25)**

(vii) ඒ අනුව ඉහත සැපයුම් කරුවන් විසින් අදාල ලියාපදිංචිය තහවුරු කිරීම සඳහා පහත පරිදි අදාල ලියාපදිංචි ගාස්තු ගෙවා තිබුණි.

**වගුව අංක 06 2025 වර්ෂයෙහි ලියාපදිංචි වූ සැපයුම්කරුවන් ලියාපදිංචිය තහවුරු කරන ලද දිනයන්**

| **සැපයුම්කරු** | **මුදල් ගෙවූ දිනය** | **ගෙවූ වටිනාකම එ.ජ.ඩො** | **මුදල් ගෙවා ලියාපදංචි වූ බවට සමාගම තහවුරු කරන දිනය** |
|---|---|---|---|
| POTENCIA LLC-FZ | 2025 අගෝස්තු 18 | 5,000 | 2025 අගෝස්තු 18 |
| A2A TRADING FZE | 2025 අගෝස්තු 15 | 5,000 | 2025අගෝස්තු 15 |
| PANACAPE TRADING DMCC | 2025 අගෝස්තු 19 | 5,000 | 2025 අගොස්තු 19 |
| TRIDENT CHEMPHAR | 2025 අගෝස්තු 19 | 4,980 | 2025 අගෝස්තු 22 |

| | | | |
|---|---|---|---|
| LIMITED | 2025 අගෝස්තු 22 | 20 | |
| SPIRIKO Ltd. | මුදල් ගෙවා නොමැත | | |
| PERSEVERANCE DMCC | 2025 අගෝස්තු 15 | 5,000 | 2025 අගෝස්තු 15 |

**5.4.3.2.2 2025 /2026 කාලපරිච්ඡේදය සඳහා ගල් අඟුරු මිළදී ගැනීම සඳහා වූ ප්‍රසම්පාදන ක්‍රියාවලිය**

(i) ලංකා ගල් අඟුරු සමාගම විසින් (LCC) 2025 වර්ෂයට අදාලව ප්‍රධාන ප්‍රසම්පාදන සැලැස්ම අනුමැතිය සඳහා 2025 පෙබරවාරි 05 දින අංක දරන LCC/OP/MPP&AP/25 ලිපිය මඟින් බලශක්ති අමාත්‍යාංශයේ ලේකම් වෙත ඉදිරිපත් කර තිබුණු අතර **(ඇමුණුම 26)** ඒ සඳහා අතිරේක ලේකම් විසින් 2025 මාර්තු 19 දින අනුමැතිය ලබා දී තිබුණි **(ඇමුණුම 27).**

(ii) ගල්අඟුරු ප්‍රසම්පාදනය සම්බන්ධයෙන් 2015 ජූලි 23 දිනැති අංක 15/1082/615/042 දරන අමාත්‍ය මණ්ඩල තීරණය **(ඇමුණුම 28)** ප්‍රකාරව ක්ෂණික මිලදී ගැනීමේ ක්‍රමවේදය (Spot Tender) යන ක්‍රමවේදය යටතේ ද ප්‍රසම්පාදන කටයුතු සඳහා අනුමැතිය ලබා දී ඇති හෙයින් එම ක්‍රමවේදය ද ඇතුලත් වන පරිදි ප්‍රසම්පාදන කාල රාමුව (PTS) සකස් කර 2025 අප්‍රේල් 08 දින සමාගම විසින් බලශක්ති අමාත්‍යාංශයට ඉදිරිපත් කර තිබුණු අතර ඒ සඳහා කඩිනමින් ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටු (SHLPC) සහ ලංසු ඇගයීම් කමිටුවක් (BEC) පත් කරන ලෙස ද 2025 අප්‍රේල් 08 දිනැති LCC අංක දරන ලිපිය මඟින් ඉල්ලීම් සිදු කර තිබුණි **(ඇමුණුම 29).**

(iii) දිගුකාලීන හා ක්ෂණික ප්‍රසම්පාදනයන් දෙක සඳහා එක් ප්‍රසම්පාදන කමිටුවක් හා ලංසු ඇගයීමේ කමිටුවක් පත්කිරීම සඳහා 2025 අප්‍රේල් 25 දින අංක PE/TEN/SSCAPC/SS/2015/43 දරන ලිපිය මඟින් බලශක්ති අමාත්‍යාංශයේ ලේකම් විසින් ඉල්ලීම් කර තිබුණු අතර **(ඇමුණුම 30)** එම ඉල්ලීමට ප්‍රතිචාර වශයෙන් 2025 ජූනි 02 දින අංක NPC/PP/01/CL-154/2025 දරන ලිපිය මඟින් ජාතික ප්‍රසම්පාදන කොමිෂම එකඟතාව පල කර තිබුණි **(ඇමුණුම 31).**

**(iv)** ඒ අනුව 2025 -2026 (2025 සැප්තැම්බර් 15 සිට 2026 සැප්තැම්බර්15 දක්වා) කාලපරිච්ඡේදය සඳහා ලක්විජය විදුලි බලාගාරය සඳහා වාර්ෂික ගල් අඟුරු අවශ්‍යතාවය මිලියන මෙ.ටො. 2.320 ±10% ක් බව ලංකා විදුලිබල මණ්ඩලය විසින් 2025 ජූනි 09 වන දින අංක LVPP/PPM/PEC- 3/25-05 දරන ලිපිය මඟින් සමාගම වෙත දන්වා තිබුණි **(ඇමුණුම 32).**

(v) මේ අතර ලංකා ගල්අඟුරු සමාගම විසින් කෙටුම්පත් ලංසු ලේඛන ජාතික ප්‍රසම්පාදන කොමිෂම වෙත 2025 ජූනි 26 දිනැති අංක දරන LCC/CH/01/25/13 ලිපිය ඉදිරිපත් කර තිබුණු අතර **(ඇමුණුම 33)** 2025 -2026 ඉදිරි වාරය සඳහා ගල් අඟුරු ප්‍රසම්පාදනය ආරම්භ කිරීම පිණිස බලශක්ති අමාත්‍යවරයා විසින් 2025 ජූලි 04 දින අංක 25/1188/825/066 දරන අමාත්‍ය මණ්ඩල සංදේශය ඉදිරිපත් කර තිබුණි**.** මෙම සංදේශයෙන් පහත යෝජනා සඳහා අනුමැතිය අපේක්ෂා කර තිබුණි **(ඇමුණුම 34).**

අ නොරොච්චෝලේ ලක්විජය ගල්අඟුරු බලාගාරය සඳහා 2025/2026 කාලපරිච්ඡේදය සඳහා ගල්අඟුරු මිලියන 2.320 MMT±10% (නැවිගත

කිරීම් 39) ප්‍රසම්පාදනය සඳහා දිගුකාලීන ප්‍රසම්පාදන ක්‍රියාවලිය යටතේ ලියාපදිංචි සැපයුම්කරුවන්ගෙන් ලංසු කැඳවීම.

ආ ගල්අඟුරු සැපයුමට බාධා ඇති වුවහොත් ප්‍රසම්පාදන මාර්ගෝපදේශයේ 3.1.8 වගන්තිය අනුගමනය කරමින් හදිසි ප්‍රසම්පාදන ක්‍රම හරහා ගල්අඟුරු මිලදී ගැනීම.

ඇ ඉහත සංදේශයේ 2.7 යටතේ සඳහන් යෝජිත ගෙවීම නියමයන් හා බදු නිදහස් කිරීම සඳහා රජයේ මැදිහත් වීම සහ සහය ලබා ගැනීම.

ඈ හදිසි ගල්අඟුරු ප්‍රසම්පාදනය හා දීර්ඝකාලීන ප්‍රසම්පාදනය සඳහා ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටුව (SHLPC) සහ ලංසු ඇගයීමේ කමිටුව (BEC) පත්කිරීමට මුදල් සැලසුම් හා ආර්ථික සංවර්ධන අමාත්‍යාංශයේ ලේකම්වරයාට බලය පැවරීම.

(vi) උක්ත අමාත්‍ය මණ්ඩල සංදේශය 2025 ජූලි 21 දින පැවති අමාත්‍ය මණ්ඩල රැස්වීමේදී සලකා බලා තිබුණු අතර එහිදී මිලියන 2.320 MMT±10% ක් සඳහා ලියාපදිංචි සැපයුම්කරුවන්ගෙන් ලංසු කැඳවා දිගුකාලීන ප්‍රසම්පාදනය යටතේ (Term contract) ප්‍රසම්පාදනය කිරීමටත්, වඩාවැඩි තරඟකාරිත්වයක් සහ මුදලට සරිලන වටිනාකමක් ලබා ගැනීමට අවම වශයෙන් වසර දෙකක පලපුරුද්දක් සහිත සැපයුම්කරුවන්ට ලංසු ඉදිරිපත් කිරීමට අවස්ථාව සලසා දීමටත්,ගල් අඟුරු තොග ප්‍රවාහනය/ ගැල් කුලී සඳහා ලංසු කරුවන් විසින් ඉදිරිපත් කරන ප්‍රවාහන ගාස්තු සම කිරීමට ලංකා නැව් සංස්ථාවට සාධාරණ අවස්ථාවක් ලබාදීමට කටයුතු කිරීමත් සහ මෙම ප්‍රසම්පාදනයට අදාලව ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටුව (SHLPC) සහ ලංසු ඇගයීමේ කමිටුව (BEC) පත්කිරීමට අවශ්‍ය බලය පැවරීමට අනුමැතිය ලබා දී තිබුණි**. (ඇමුණුම 35)**

(vii) එම අනුමැතිය මත රාජ්‍ය මුදල් දෙපාර්තමේන්තුවෙහි අතිරේක අධ්‍යක්ෂ ජනරාල් විසින් ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටු (SHLPC) 2025 ජූලි 28 දින පත් කර තිබුණු අතර ලංසු ඇගයීමේ කමිටුව (BEC) 2025 ජූලි 23 දින පහත සමාජිකයින්ගෙන් සමන්විතව පත් කර තිබුණි **.**

**වගුව අංක : 07 ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටු (SHLPC)**

| **නම** | **තනතුර** | **කමිටුවෙහි තනතුර** |
|---|---|---|
| කේ.ආර්.උඩුවාවල මහතා | ලේකම් - පරිසර අමාත්‍යාංශය | සභාපති |
| මහාචාර්‍ය කේ.ටී.එම් උදයංග හේමපාල මහතා | ලේකම් - බලශක්ති අමාත්‍යාංශය | සාමාජික |
| ඩබ්ලිව්.ඒ දිල්රුක්ෂිණි මිය | සහකාර අධිපති - මහා බැංකුව | සාමාජික |
| එම්.කේ.ප්‍රදීප් කුමාර මයා | අධ්‍යක්ෂ ජනරාල්, වෙළෙඳ හා ආයෝජන ප්‍රතිපත්තිදෙපාර්තමේන්තුව | සමාජික |
| ඩබ්ලිව්.එදුස්සූරිය මහතා | සාමාන්‍යාධිකාරි, ලංකා විදුලිබලමණ්ඩලය | සාමාජික |

**වගුව අංක 08 සැපයුම්කරුවකු තෝරා ගැනීම සඳහා පත්කල ලංසු ඇගයීම් කමිටුව (BEC)**

| නම | තනතුර | කමිටුවෙහි තනතුර |
|---|---|---|
| ඩී.එම්.ආර්.කේ.බී ගුණරත්න මහතා (ඉංජිනේරු) | නියෝජ්‍ය සාමාන්‍යාධිකාරී- ලංකා විදුලිබල මණ්ඩලය(මහවැලි සංකීර්ණය) | සභාපති |
| ටී.පී.කොඩිතුවක්කු මහතා | අධ්‍යක්ෂ (තාක්ෂණික) බලශක්ති අමාත්‍යාංශය | සාමාජික |
| හිමාලි බෝගොඩගෙදර මිය | අධ්‍යක්ෂ, විදේශ සම්පත් දෙපාර්තමේන්තුව | සාමාජික |
| ඩබ්ලිව්.ඒ.කේ.ඩී ප්‍රේමතිලක මයා | අතිරේක මූල්‍ය කළමණාකරු (ජනන) ලංකා විදුලිබලමණ්ඩලය | සාමාජික |
| බී.ඒ.අජිත් කුමාර මයා | මූල්‍ය කළමණාකරු - ලංකා ගල්අඟුරු සමාගම | සමාජික |
| එච්.සමන් ද සිල්වා මයා | වැඩබලන කළමණාකරු -(Catering and agency) සීමාසහිත ලංකා නැව්සංස්ථාව | සාමාජික |
| පී.ඩබ්ලිව්. බමුණුසිංහ | බලාගාර කළමනාකරු, ලක්විජය බලාගාරය | සාමාජික |
| ඒ.බී.එම් ටී. අබේකොන් | නියෝජ්‍ය බලාගාර කළමනාකරු, ලක්විජය බලාගාරය (වාණිජ සහ අධීක්ෂණ) | සාමාජික |
| සමන් හේරත් | වැඩබලන ගිණුම් නිළධාරී, ලංකා ගල් අඟුරු සමාගම | සාමාජික |

(viii) මේ අතරතුර, සමාගම විසින් 2024/2025 කාලපරිච්ඡේදයට අදාල ටෙන්ඩරය වූ LCC/Prop/23/I යටතේ අතිරේක ගල් අඟුරු 225,000MT ක් (නැව් ගත කිරීම් 05ක්) එනම් 10% Plus option quantity ප්‍රසම්පාදනය කිරීම සඳහා සඳහා අංක LCC/CH/01/25/19 දරන හා 2025 ජූලි 14 දිනැති ලිපිය මඟින් බලශක්ති අමාත්‍යාංශ ලේකම්වරයා ගෙන් ඉල්ලීමක් කර තිබුණි **(ඇමුණුම 36).** මෙම ඉල්ලීම සඳහා 2025 ජූලි 18 දින අංක PE/TEN/SHLPC/SP/2025/27 දරන ලිපිය මඟින් බලශක්ති අමාත්‍යාංශයේ ලේකම්වරයා විසින් අනුමැතිය ලබා දී තිබුණි**.** **(ඇමුණුම 37**)

(ix) 2024 ප්‍රසම්පාදන මාර්ගොපදේශයෙහි 6.3 වගන්තිය අනුව ලංසු ඉදිරිපත් කිරීමට ලබා දී ඇති සම්මත කාලය 42 ක් වන අතර මෙම ප්‍රසම්පාදනයේ දී එම කාලය දින 42 සිට දින 21 දක්වා අඩු කිරීමට හෝ 2025 දෙසැම්බර් 14 සිට 2026 ජනවාරි 3 දක්වා කාලපරිච්ඡේදය සඳහා 300,000 MMT±10 සපයා ගැනීම ලෙස විකල්ප දෙකින් එක් විකල්පයක් සඳහා අනුමැතිය ලබා ගැනීමට සමාගම විසින් 2025 ජූලි 31 වන දින අංක LCC/25/TT/1 දරන ලිපිය මඟින් බලශක්ති අමාත්‍යාංශයේ ලේකම්ගෙන් ඉල්ලීම් කර තිබුණි **(ඇමුණුම 38).** ඒ අතර 2025 අගෝස්තු 05 වන දින රැස්වූ ලංසු ඇගයීමේ කමිටුව විසින්ද නිර්දේශ කරන ලදුව ලංසු කාලය අඩුකිරීම සඳහා සම්පාදන කොමිෂමේ එකඟතාව ලබාගත යුතු බව ස්ථාවර ප්‍රසම්පාදන කමිටු

විසින් තීරණය කර තිබුණි **(ඇමුණුම 39).** ඒ අනුව 2025 අගෝස්තු 05 වන දින බලශක්ති අමාත්‍යාංශයේ ලේකම් විසින් ප්‍රසම්පාදන කොමිෂමේ එකඟතාවය විමසා තිබුණි (**ඇමුණුම 40**).

(x) ඉදිරිපත් වූ කරුණු සලකා බැලීමෙන් අනතුරුව 2025 අගෝස්තු 12 වන දින පැවති ලංසු ඇගයීමේ කමිටු (BEC) රැස්වීමේ දී 2024 – 2025 වාරය සඳහා වන ප්‍රසම්පාදන අංක LCC/23/Prop/I යටතේ තවදුරටත් ලැබිය යුතු ගල් අඟුරු 615,000MT (නැවිගත කිරීම් 10) ක සහ 2025 ජූලි 18 වන දින බලශක්ති අමාත්‍යාංශ ලේකම්වරයා විසින් අනුමත කළ 10% Plus option අනුව අතිරේක ගල් අඟුරු තොග 225,000 MT (නැවිගත කිරීම් 05) ද 2025 සැප්තැම්බර් මැද සිට ගොඩ බෑමට නියමිත බැවින් ඉතිරි අවශ්‍යතාව වන ගල් අඟුරු මිලියන 1.5 MMT (2.32 MMT – (615,000 MT+225,000 MT) ක් පමණක් මෙම දිගුකාලීන ප්‍රසම්පාදනය මගින් සපයා ගැනෙන බව තීරණය කර තිබුණි**. (ඇමුණුම 41)**

(xi) මේ අතර ලංසු ඉදිරිපත් කිරීමේ දින ගණන අඩුකිරීමට කරන ලද ඉල්ලීම සඳහා 2025 අගෝස්තු 14 වන දිනැති අංක NPC/PP/01/CD-31/2025 දරන ලිපිය මඟින් හදිසි තත්ත්වය සැලකිල්ලට ගෙන ලංසු තැබීමේ කාලය සාධාරණ ලෙස සහ ප්‍රායෝගිකව තීරණය කළ හැකි බව බලශක්ති අමාත්‍යාංශයේ ලේකම් වෙත දන්වා තිබුණි. **(ඇමුණුම 42)**

(xii) 2025 දෙසැම්බර් සිට 2026 අප්‍රේල් දක්වා වූ කාලපරිච්ඡේදය සඳහා මිල ගණන් කැඳවීමේ දැන්වීම 2025 අගෝස්තු 18 දින පළකර තිබුණු අතර එම දැන්වීමට අනුව ලියාපදිංචි සැපයුම්කරුවන්ගෙන් මිලගණන් කැඳවන බව දක්වා තිබුණි **(ඇමුණුම 43).** තවද පරිශීලනය සඳහා ලංසු ලේඛන ලියාපදිංචි සැපයුම්කරුවන් වෙත විද්‍යුත් තැපෑල මඟින් දන්වා යවන බවත්, 2025 අගෝස්තු 20 දින වන විට අදාල ලංසු ලේඛන ලියාපදිංචි සැපයුම්කරුවන් වෙත කුරියර් මාර්ගයෙන් යැවීමට කටයුතු කරන බවත් දන්වා තිබුණි.

(xiii) ඒ අනුව 2025 අගෝස්තු 18 වන දින සිදු කරන ලංසු ආරාධනාව අනුව ලංසු තැබීම අවසන් කිරීම 2025 සැප්තැම්බර් 08 වන දින පෙ.ව. 10.00 ට පෙර සිදු කළ යුතු වුවත් ලංසුකරුවන්ගේ ඉල්ලීම සලකාබලා ලංසු තැබීමේ කාලය තවත් සතියකින් එනම් 2025 සැප්තැම්බර් 15 වන දින දක්වා දීර්ඝ කිරීමට SHLPC විසින් කටයුතු කර තිබුණි. **(ඇමුණුම 44)**

(xiv) සම්මත ලංසු ලේඛන 2025 අගෝස්තු 15 වන දින ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටුව විසින් අනුමත කර තිබුණු අතර තවදුරටත් පූර්ව ලංසු කැඳවීමේ රැස්වීමට පෙර ලංසු ලේඛනයේ 3.19.1 (No Assignment) උප වගන්තියට නීතිපතිවරයාගෙන් උපදෙස් ලබාගැනීමට ද තීරණය කර තිබුණි. **(ඇමුණුම 45)**

(xv) උක්ත පරිදි අනුමත කරන ලද ලංසු ලේඛන 2025/2026 වර්ෂය සඳහා ගල්අඟුරු සැපයීම සඳහා සමාගම යටතේ ලියාපදිංචි වී තිබුණු සැපයුම්කරුවන් 26 දෙනෙකු වෙත 2025 අගෝස්තු 18 වන දින යොමු කරමින් ලංසු ආරාධනා නිකුත් කර තිබුණි. එම ලංසු ආරාධනා යවන ලද සැපයුම්කරුවන් 26 දෙනා අතුරින් පහත සඳහන් ලංසුකරුවන් 11 දෙනෙකු ප්‍රතිචාර දක්වා තිබුණු අතර එම ලංසුකරුවන්ගේ ලංසු 2025 සැප්තැම්බර් 15 වන දින ලංසු විවෘත කිරීමේ කමිටුව විසින් විවෘත කර තිබුණි.

## වගුව අංක 09 - ප්‍රතිචාර දක්වන ලද ලංසුකරුවන් පිළිබඳ විස්තර

| අනු අංකය | සැපයුම්කරු | සැපයුම්කරුගේ රට | ගල් අඟුරු සැපයීමට අදාල අතීත අත්දැකීම් | ගල් අඟුරු සැපයීමට අපේක්ෂිත වරායන් | LCC හි ලියාපදිංචිය සිදු කරන ලද දිනය (5000 USD ගෙවූ දිනය) | LCC වෙත අයදුම්පත් යොමු කරන ලද දිනය | ඉදිරිපත් කරන ලද මිල ගණන් |
|---|---|---|---|---|---|---|---|
| 1 | Taranjot Resources (Pvt) Ltd | ඉන්දියාව | GCV 5900 ට වැඩි - සපයා නැත<br>GCV 5900 ට අඩු 1,115,900 | MP- RBCT – SA<br>AP –Taman - Russia | 2023 ජුනි 22 | 2023 මැයි 08 | FOB - 88.00<br>Freight - 17.00<br>105 |
| 2 | Equentia Natural Resources PTE Ltd | සිංගප්පූරුව | GCV 5900 ට වැඩි 322,196MT<br>GCV 5900 ට අඩු 405,750MT | MP- RBCT – SA<br>AP – Any safe port | 2023 සැප්තැම්බර් 26 | 2023 ජූලි 17 | FOB - 100.96<br>Freight - 14.00<br>114.96 |
| 3 | Trident Chemphar Lrd | ඉන්දියාව | GCV 5900 ට වැඩි 291,840MT<br>GCV 5900 ට අඩු 596,305MT | MP- RBCT – SA<br>AP –Vanino-Russia | 2025 අගෝස්තු 22 | 2025 ජූලි 29 | FOB - 83.50<br>Freight - 15.00<br>98.5 |
| 4 | Visa Resources PTE Ltd | සිංගප්පූරුව | ලබා දී නැත | | 2023 ජූලි 13 | ලංසු ඉදිරිපත් නොකරන ලදී | |
| 5 | Aditya Birla Global Trading (sing) PTE Ltd | සිංගප්පූරුව | GCV 5900 ට වැඩි 4,515,884MT | MP- RBCT – SA<br>AP –Any safe port South Aus & India | 2025 ජූලි 28 | නැවත ලියාපදිංචිය 2025 අප්‍රේල් 28 | FOB - 91.61<br>Freight - 13.00<br>104.61 |
| 6 | Mohit Minerals Limited | ඉන්දියාව | GCV 5900 ට වැඩි 117,000MT<br>GCV 5900 ට අඩු 1,093,000MT | MP- RBCT – SA<br>AP –Vostochny - Russia | 2024 ජනවාරි 24 | 2023 ජූලි 18 | FOB - 101.00<br>Freight - 20.26<br>121.26 |
| 7 | A2A Trading FZE | යූඒඊ | GCV 5900 ට වැඩි 206,407MT<br>GCV 5900 ට අඩු 300,203MT | MP- RBCT – SA<br>AP –Maputo - Mozambic | 2025 අගෝස්තු 15 | 2025 අප්‍රේල් 28 | FOB - 90.50<br>Freight - 14.00<br>104.5 |
| 8 | PT Fawad Trading & Construction | ඉන්දුනීසියාව | GCV 5900 ට වැඩි - ලබා දී නැත<br>මුළු සැපයුම - 1,032,700MT | MP- Maura Berau – Indonesia<br>AP –Any safe port | 2023 ජූනි 22 | 2023 ජූනි 06 | FOB - 96.88<br>Freight - 12.00<br>108.88 |
| 9 | PT Mitra Borneo | ඉන්දුනීසියාව | GCV 5900 ට වැඩි 110,600MT<br>GCV 5900 ට අඩු 400,850MT | Not Mention | 2025 පෙබරවාරි 10 | 2024 ජූලි 15 | FOB - 86.00<br>Freight - 22.00<br>108 |
| 10 | Potencia LLC - FZ | යූඒඊ | GCV 5900 ට වැඩි 532,095MT | MP- Vanino Russia<br>AP –Nokbodka - Russia | 2025 අගෝස්තු 18 | 2025 ජූලි 29 | FOB - 76.00<br>Freight - 24.00<br>100 |
| 11 | Agrawal Coal Corporation PTE Ltd | සිංගප්පූරුව | GCV 5900 ට වැඩි 211,642MT<br>GCV 5900 ට අඩු 231,302MT | MP- RBCT – SA<br>AP –Any safe Indonesia DBT & MPT | 2025 ජනවාරි 28 | 2024 අගෝස්තු 14 | FOB - 130.50<br>Freight - 22.00<br>152.5 |

(xvi) ප්‍රසම්පාදන ලේඛනයේ 5.4.1 වගන්තිය අනුව ලංසු තැබීමේ අවසන් දිනය වන එළඹෙන සැප්තැම්බර් මාසයට පෙර මාසයේ එනම් අගෝස්තු මාසයේ Argus Media මත පදනම් වී සංයුක්ත දර්ශකය (Composite Index) USD 84.27 ක් ලෙස ගණනය කර තිබූ අතර, ඒ අනුව ඉහත ප්‍රතිචාර දක්වන ලංසුකරුවන් 11 දෙනා අතුරින් සාරානුකූල ප්‍රතිචාර දක්වන ලද ලෙස හඳුනාගන්නා ලද Trident Chemphar Limited සඳහා ගුණ කිරීමේ සාධකය (Multifaction Factor) 0.990 ක් ලෙස ගණනය කර තිබුණි. තවද

ලංසු ලේඛනයේ 5.7, 5.8 සහ 5.9 වගන්ති සම්බන්ධයෙන් සාරානුකූල ලංසුකරු "Trident Chemphar Limited" වෙතින් අනුකූලතාවය පිළිබඳ පැහැදිලි කිරීමක් 2025 සැප්තැම්බර් 17 වන දින ලබාගෙන තිබුණි **(ඇමුණුම 46 ).**

(xvii) ඒ අනුව ගල් අඟුරු මෙට්‍රික් ටොන් 1 කට භාණ්ඩ ප්‍රවාහන හා ගැල් කුලී සහිත මිල (CFR) USD 98.50 ක් ලෙස ඉදිරිපත් කළ සාරානුකූලව ප්‍රතිචාර දක්වා ඇති අවම ලංසුකරු වූ බැවින් "Trident Chemphar Limited" සමාගම 2025 – 2026 වාරය සඳහා ගල් අඟුරු මිලියන 1.5 MMT±10% ක් සැපයීම සඳහා තෝරාගැනීම සඳහා ලංසු ඇගයීමේ කමිටුවේ නිර්දේශය 2025 සැප්තැම්බර් 17 දින ලබා දී තිබුණු අතර **(ඇමුණුම 47)** 2025 සැප්තැම්බර් 18 දින දින ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටුව ඒ සඳහා අනුමැතිය ලබා දී තිබුණි **(ඇමුණුම 48).** ඒ අනුව මෙම ප්‍රසම්පාදනයෙහි මුළු පිරිවැය මිල ගැලපීම් හා බදු හැර USD 147,750,000±10% (ශ්‍රී ලංකා රුපියල් බිලියන 44.59) ක් වී තිබුණි.

(xviii) Trident Chemphar Limited විසින් ඉදිරිපත් කර තිබූ මෙට්‍රික් ටොන් 1 ට USD 15.00 ක් වන මූලික ගැල් කුලී ගාස්තු අනුපාතය සමග සමවීමට/ ගැලපීමට ලංකා නැව් සංස්ථාව එකඟ නොවන බව ලංකා ගල් අඟුරු සමාගම 2025 ඔක්තෝබර් 08 දිනැති LCC/25/TT/1 අංක දරන ලිපියෙන් බලශක්ති අමාත්‍යාංශයෙහි ලේකම් වෙත දන්වා තිබුණි **(ඇමුණුම 49).**

(xix) මෙම කොන්ත්‍රාත්තුව ප්‍රදානය කිරීමේ අභිප්‍රාය පිළිබඳව සියළුම අසාර්ථක ලංසුකරුවන් වෙත 2025 සැප්තැම්බර් 19 වන දින දැනුම් දී තිබූ අතර**,** මෙම ප්‍රසම්පාදනය සම්බන්ධයෙන් කිසිදු අභියාචනාවක් ඉදිරිපත් නොවූ බව ප්‍රසම්පාදන අභියාචනා මණ්ඩලය විසින් 2025 ඔක්තෝබර් 01 දිනැති අංක PS/CSA/00/PAB/01/2025 මගින් බලශක්ති අමාත්‍යාංශයෙහි ලේකම් වෙත දැනුම් දී තිබුණි **(ඇමුණුම 50) .** ඒ අනුව 2025 -2026 කාලපරිච්ඡේදය සඳහා මිලියන 1.5 MMT±10% ක ගල් අඟුරු ප්‍රසම්පාදනය සඳහා කොන්ත්‍රාත්තුව Trident Chemphar Limited වෙත ප්‍රදානය කිරීම සඳහා නිර්දේශ කරමින් බලශක්ති අමාත්‍යවරයා විසින් 2025 ඔක්තෝබර් 13 වන දින අමප 25/1952/825/066-I දරන කැබිනට් සංදේශය ඉදිරිපත් කර තිබුණි **(ඇමුණුම 51).**

(xx) ඉදිරිවාරය සඳහා නොරොච්චෝලේ ලක්විත්වය බලාගාරය වෙත ගල් අඟුරු සැපයීම යන මැයෙන් 2025 ඔක්තෝබර් 13 වැනි දින බලශක්ති අමාත්‍යවරයා විසින් ඉදිරිපත් කරන ලද අංක අ.ම.ප./25/1952/825/066-I දරන ඉහත සඳහන් අමාත්‍ය මණ්ඩල සංදේශය අමාත්‍ය මණ්ඩලය විසින් සලකා බලා තිබුණි. එම සංදේශය මුදල් ක්‍රම සම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යවරයා හා වැඩබලන සිවිල් ගුවන් සේවා අමාත්‍යවරයාගේ නිරීක්ෂණ ද සමග සලකා බැලීමෙන් අනතුරුව අමාත්‍ය මණ්ඩලය පහත නිරීක්ෂණයන් කර තිබුණි. **(ඇමුණුම 52)**

(අ) 2025 ජූලි 21 දිනැති අමප අංක/25/1188/825/066 දරණ අමාත්‍ය මණ්ඩල තීරණයෙන් 2025/2026 වර්ෂය සඳහා බලාගාරය සඳහා මෙ.ටො. මිලියන 2.320 +-10 දීර්ඝ කාලීන ප්‍රසම්පාදනය සඳහා ලියාපදිංචි සැපයුම්කරුවන් මගින් ලංසු කැඳවීමට අනුමැතිය ලබා දුන්නද එම වාරය සඳහා ගල් අඟුරු මෙ.ටො. මිලියන 1.5+-10% පමණක් ම මිලදී ගැනීමට ලංසු කැඳවා ඇති බව;

(ආ) ගල් අඟුරු සැපයීම සඳහා දැනට ක්‍රියාත්මක ප්‍රසම්පාදනය යටතේ තවදුරටත් නැව් ගත කිරීම් පහළොවක් සිදුකළ යුතුව පවතින බව හා ඒ අනුව ඉදිරි

වාරය සඳහා ප්‍රසම්පාදනය කළ යුතු ගල් අඟුරු ප්‍රමාණය පිළිබඳව නිශ්චිතව අමාත්‍ය මණ්ඩලය දැනුවත් කිරීමකින් තොරව, එකී ප්‍රමාණය මෙ.ටො. මිලියන 1.5+-10% වශයෙන් බලශක්ති අමාත්‍යාංශයේ ලේකම්ගේ අනුමැතිය මත පසුව තීරණය කරනු ලැබ ඇති බව;

(ඇ) ඉහත (ii) හි සඳහන් පරිදි ඉදිරි වාරය සඳහා ගල් අඟුරු මෙ.ටො. මිලියන 1.5+-10% ක් පමණක් ප්‍රසම්පාදනය කිරීම හේතුවෙන් ඉදිරියේදී නොරොච්චෝලේ ගල් අඟුරු බලාගාරයේ අඛණ්ඩව ක්‍රියාකාරීත්වයට බාධා පැන නැගිය හැකි ද යන්න පිළිබඳව සහ හේතුවෙන් හදිසි ප්‍රසම්පාදන ක්‍රමවේදයන් යටතේ ගල්අඟුරු සපයා ගැනීමේ අවශ්‍යතාවයක් ඇතිවිය හැකි ද යන්න පිලිබඳව බැලිය යුතු බව;

(ඈ) දැනට ක්‍රියාත්මක ප්‍රසම්පාදනය යටතේ තවදුරටත් සිදු කළ යුතුව පවතින නැව් ගත කිරීම් 15 සැපයුම්කරු විසින් අනුමත ගමන් වාර සැලසුම් කාල පරාසය තුල ප්‍රවාහනය කරනු ලබන්නේද එසේ නොමැති නම් සංශෝධිත ගමන් වාර සැලසුමක් යටතේ එම ගල් අඟුරු තොග 2025 නොවැම්බර් මස අවසානයට පෙර සපයා අවසන් කිරීමට කටයුතු කරන්නේ ද යන්න පිළිබඳව සංදේශයේ නිශ්චිතව දක්වා නොමැති බව;

(ඉ) ඉහත 2025 ඔක්තෝබර් 13 දිනැති සංදේශයේ නිර්දේශිත පරිදි 2025/2026 වාරය සඳහා ගල් අඟුරු ප්‍රසම්පාදනය පිරිනැමීමෙන් අනතුරුව 2025 දෙසැම්බර් සිට 2026 මැයි දක්වා ම වන කාලසීමාව තුල අදාළ ගල් අඟුරු තොග සැපයිය යුතුව ඇති බැවින්, ඉහත (IV) හි සඳහන් පරිදි ම පවතින නැව්ගත කිරීම් 15ට අදාළ ගල් අඟුරු තොග 2025 දෙසැම්බර් මාසයේ හෝ ඉන් අනතුරුව ප්‍රවාහනය කරනු ලබන්නේ නම් එකී ගල් අඟුරු තොග නොරොච්චෝලේ ගල් අඟුරු බලාගාරයේ ජැටියේ දී ගොඩබෑම පිළිබඳ ගැටලූ පැන නැගිය හැකි බව; සහ

(ඊ) ඉහත 2025 ඔක්තෝබර් 13 දිනැති සංදේශයේ නිර්දේශිත පරිදි දැනට ක්‍රියාත්මක ප්‍රසම්පාදනය යටතේ තවදුරටත් ඉතිරිව පවතින නැව්ගත කිරීම් 15 සපයා ගැනීමෙන් අනතුරුව නව ප්‍රසම්පාදනය යටතේ ගල් අඟුරු සපයා ගැනීමට අමාත්‍ය මණ්ඩලය විසින් තීරණය කරනු ලැබුවහොත් එකී ප්‍රසම්පාදනයන්හි මිල ගණන්වල පවතින වෙනස්කම් හේතුවෙන් රජයට කිසියම් හෝ මූල්‍ය අලාභයක් සිදුවන්නේ ද යන්න පිළිබඳව සොයා බැලීම යෝග්‍ය බව

(උ) ඉහත සාකච්ඡාවෙන් පසු ඉහත නිරීක්ෂණයන් කෙරෙහි වැඩි අවධානය යොමු කරමින් 2025 ඔක්තෝබර් 13 දිනැති සංදේශයේ 3 ඡේදය යටතේ පමණක් දැක්වෙන නිර්දේශ පිළිබඳව වැඩිදුරටත් කරුණු අධ්‍යයනය කර ඒ සම්බන්ධයෙන් නිරීක්ෂණ සහිත වාර්තාවක් 2025 ඔක්තෝම්බර් 27 දිනට නියමිත අමාත්‍ය මණ්ඩලයේ මීළඟ රැස්වීමට ඉදිරිපත් කිරීම පිණිස අමාත්‍ය මණ්ඩල අනුකමිටුවක් පත් කිරීමට ද තීරණය කර තිබුණි.

(xxi) කෙසේ වුවද 2025 -2026 කාලපරිච්ඡේදය සඳහා මිලියන 1.5 MMT±10% ක ගල් අඟුරු ප්‍රසම්පාදනය සඳහා කොන්ත්‍රාත්තුව Trident Chemphar Limited වෙත ප්‍රදානය

කිරීම සඳහා 2025 ඔක්තෝබර් 27 වන දින කැබිනට් අනුමැතිය ලැබී තිබුණි **(ඇමුණුම 53) .** 2025 – 2026 වාරය සඳහා ගල් අඟුරු ආනයනය සඳහා පහසුකම් සැලසීම උදෙසා LCC වෙත භාණ්ඩාගාරය විසින් ලබා දී තිබූ රු. බිලියන 22 ක ණයවර ලිපි පහසුකම 2025 ඔක්තෝබර් 31 වන දින භාණ්ඩාගාර ඇපකර අංක TO/REV/TG/335/12 මගින් 2026 ඔක්තෝබර් 22 දින දක්වා දින දීර්ඝ කර තිබුණි.

(xxii) අදාල අමාත්‍ය මණ්ඩල අනුමැතිය මත පදනම්ව 2025 ඔක්තෝබර් 29 දිනැති ලංකා ගල් අඟුරු සමාගමෙහි වැඩබලන සභාපතිගේ ලිපිය මඟින් සැපයුම්කරු වෙත කොන්ත්‍රාත්තුව ප්‍රදානය (Notification of Award – Letter of Acceptance) කර තිබුණු **(ඇමුණුම 54)** අතර සැපයුම්කරු විසින් 2025 නොවැම්බර් 12 දින ලබාගත් කාර්ය සාධන සුරක්ෂණ ඇපකරය (Performance Bond) එදිනම සමාගම වෙත ඉදිරිපත් කර තිබුණි.

**(xxiii)** LCC/25/TT/I දරන මෙම දිගුකාලීන ප්‍රසම්පාදනය ප්‍රදානය කළ සැපයුම්කරු සමග ගිවිසුම්ගත වීමට පෙර කෙටුම්පත් කළ ගල් අඟුරු ගිවිසුම සහ අදාල ලංසු ලේඛන නීතිපතිවරයාගේ නීතිමය සමාලෝචනය හා එකඟතාව ලබාගැනීම සඳහා 2025 නොවැම්බර් 13 වන දින අංක LCC/25/TT/1 දරන ලිපිය මඟින් යොමු කර තිබුණි **(ඇමුණුම 55).**

(xxiv) 2025 නොවැම්බර් 17 වන දින පැවති කැබිනට් රැස්වීමේ තීරණ දැනුම් දීම අනුව 2025 ඔක්තෝබර් 21 වන දින කැබිනට් මණ්ඩලය විසින් පත් කළ කැබිනට් අනු කමිටු වාර්තාව 2025 නොවැම්බර් 01 දින නිකුත් කර තිබුණු අතර එම වාර්තාව මඟින් තවදුරටත් 2025 ඔක්තෝබර් 27 දිනැති කැබිනට් තීරණ පිළිබඳව අවධානය යොමු කර සංශෝධිත වාර්තාවක් සති දෙකක් තුළ ඉදිරිපත් කරන ලෙස නියෝග කර තිබුණි **(ඇමුණුම 56).**

(xxv) ඒ අනුව 2025 – 2026 වාරයට අදාලව ගල් අඟුරු මිලියන 1.5 MMT±10% ක් සැපයීම වෙනුවෙන් වූ ගිවිසුම සඳහා 2025 නොවැම්බර් 19 දින බලශක්ති අමාත්‍යාංශ ලේකම්වරයා හා Trident Chemphar Limited සමාගමේ අධ්‍යක්ෂවරයා අත්සන් තබා තිබුණු අතර මේ සඳහා නීතිපතිවරයාගේ අනුමැතිය 2025 නොවැම්බර් 20 වන දින ලැබී තිබුණි **(ඇමුණුම 57).** මේ අතර ඉහත xxiv ඡේදයෙහි දැක්වෙන සංශෝධිත කමිටු වාර්තාව 2026 ජනවාරි 26 වන දින නිකුත් කර තිබුණි **.**

(xxvi) කෙසේ නමුත් මෙම ප්‍රසම්පාදනයට අදාලව ගල් අඟුරු සැපයුමේ ගුණාත්මක භාවය පිළිබඳව ගැළුකාරීතත්වයක් මතු වීම සම්බන්ධයෙන් විමර්ශනය කිරීම සඳහා විශේෂ ත්‍රිපුද්ගල කමිටුවක් 2026 ජනවාරි 12 වන දින බලශක්ති අමාත්‍යාංශ ලේකම්වරයා විසින් පත්කර තිබූ අතර **(ඇමුණුම 58)** අදාල වාර්තාව 2026 පෙබරවාරි 11 දින බලශක්ති අමාත්‍යාංශ ලේකම්වරයා වෙත ලබා දී තිබුණි. **(ඇමුණුම 59)**

(xxvii) 2025/2026 කාලපරිච්ඡේදය සඳහා ගල් අඟුරු මිලදී ගැනීම ගැනීමේ ඉහත සඳහන් ප්‍රසම්පාදන ක්‍රියාවලියෙහි දිනසටහන් පහතින් දැක් වේ.

**වගුව අංක 10 ප්‍රසම්පාදනය ක්‍රියාවලියේ ඒ ඒ කාර්යයන් සිදුකර තිබූ දිනයන්**

| අනු අංකය | ප්‍රසම්පාදන පියවර | සිදුකරන ලද දිනය |
|---|---|---|
| i | කමිටු පත්කිරීම සඳහා අමාත්‍යාංශ ලේකම් වෙත ඉල්ලීම් කිරීම | 2025 අප්‍රේල් 08 |
| ii | ලං. වී.ම. විසින් 2024/2025 කාලච්ඡේදයට අදාලව ගල් අඟුරු අවශ්‍යතාව දැනුම් දීම | 2025 ජුනි 09 2.32 MMT |
| iii | කමිටු පත්කිරීම (BEC /SHLPC) | 2025 ජුනි 02 |
| iv | ලංසු කැඳවීම ආරම්භ කිරීම/ ලංසු ආරාධනා නිකුත් කිරීම | 2025 අගෝස්තු 18 |
| v | ලංසු කැඳවීම අවසන් කිරීම | 2025 සැප්තැම්බර් 08 |
| vi | ලංසු කැඳවීම අවසන් කිරීම දින දීර්ඝ කිරීම | 2025 සැප්තැම්බර් 15 |
| vii | ලංසු විවෘත කිරීම හා ඇගයීම | 2025 සැප්තැම්බර් 15 (සතියක් දින දීර්ඝ කිරීමෙන් පසුව) |
| viii | කොන්ත්‍රාත්තුව ප්‍රදානය කිරීම | 2025 ඔක්තෝම්බර් 29 |
| ix | නීතිපති නිශ්කාශන ගැනීම | 2025 නොවැම්බර් 20 |
| x | ගිවිසුම්ගත වීම | 2025 නොවැම්බර් 19 |

**5.4.3.2.3 2025 / 2026 වර්ෂයන් තුලදී ශ්‍රී ලංකාවට ගල්අඟුරු නැව් පැමිණීමට අදාල කාලසටහන (Laycan)**

2024/2025, 2025/2026 කාලපරිච්ඡේදයට අදාලව ගල්අඟුරු මිලදී ගැනීමට සැලසුම් කරන ලද අකාරය සහ 2026 මාර්තු 11 දිනවන විට සත්‍ය වශයෙන් ලංකාවට ගල්අඟුරු නැව් පැමිණි දිනයන් පහත වගුවෙන් දැක්වේ.

වගුව අංක **11** ලංකාවට ගල්අඟුරු මිලදී ගැනීමට සැලසුම් කරන ලද දිනයන් **(2025/2026)**

| නැව්තොග අංකය | නැව | අපේක්ෂිත පැමිණීමේ දිනය | ළඟා වූ දිනය | පුත්තලම් නැංගුරම් පැමිණි දිනය | වෙනස | ගොඩබෑම සම්පූර්ණ කරන ලද දිනය |
|---|---|---|---|---|---|---|
| 445 | Porto Fiscardo | 2025.09.15 | -- | 2025.09.21 | 6 | 2025.09.29 |
| 446 | Bulk Orianna | 2025.09.20 | -- | 2025.09.26 | 6 | 2025.10.04 |
| 447 | Ivy Gold | 2025.09.26 | -- | 2025.10.08 | 12 | 2025.10.17 |
| 448 | Fuhang | 2025.10.02 | -- | 2025.10.15 | 13 | 2025.10.22 |
| 449 | Hua Rong 26 | 2025.10.08 | -- | 2025.10.25 | 17 | 2025.10.30 |
| 450 | Queen Win | 2025.10.14 | -- | 2025.10.28 | 14 | 2025.11.07 |
| 451 | Tiger Hebei | 2025.10.20 | -- | 2025.11.01 | 12 | 2025.11.13 |
| 452 | Rimau Perkasa | 2025.10.26 | 2025.11.03 | 2025.11.07 | 12 | 2025.11.18 |
| 453 | Dato Lucky | 2025.11.01 | 2025.11.13 | 2025.11.15 | 14 | 2025.11.23 |
| 454 | G Putuo | 2025.11.07 | 2025.11.13 | 2025.11.13 | 6 | 2025.12.03 |
| 455 | Tiger Pioneer | 2025.11.13 | 2025.11.22 | 2025.11.24 | 11 | 2025.12.08 |
| | | 2025.11.19 | 04 Shipments Suspended | | | |
| | | 2025.11.25 | | | | |
| | | 2025.12.01 | | | | |
| | | 2025.12.07 | | | | |
| 456 | Ceylon Breeze | 2025.12.23 | 2025.12.30 | 2025.12.30 | 7 | 2026.01.04 |
| 457 | NS Guangzhou | 2025.12.28 | 2026.01.05 | 2026.01.05 | 8 | 2026.01.09 |
| 458 | Xin Hong Bao Shi | 2026.01.02 | 2026.01.16 | 2026.01.19 | 17 | 2026.01.29 |
| 459 | Ceylon Princess | 2026.01.07 | 2026.01.20 | 2026.01.20 | 13 | 2026.01.31 |
| 460 | Unicorn | 2026.01.12 | 2026.01.25 | 2026.01.30 | 18 | 2026.02.03 |
| 461 | Leyla Aksoy | 2026.01.17 | 2026.01.29 | 2026.02.02 | 16 | 2026.02.08 |
| 462 | Canon | 2026.01.22 | 2026.02.05 | 2026.02.08 | 17 | 2026.02.14 |
| 463 | NS Guangzhou | 2026.01.27 | 2026.02.09 | 2026.02.13 | 17 | 2026.02.17 |
| 464 | Ceylon Breeze | 2026.02.01 | 2026.02.13 | 2026.02.17 | 16 | 2026.02.24 |
| 465 | Mercury Sky | 2026.02.06 | 2026.02.16 | 2026.02.23 | 17 | 2026.03.01 |
| 466 | Yasa Mars | 2026.02.11 | 2026.03.01 | 2026.03.03 | 20 | 2026.03.08 |
| 467 | Ultra Confidences | 2026.02.16 | 2026.03.09 | 2026.03.11 | 23 | 2026.03.15 |

5.4.3.2.4 **2026 වාරය සඳහා නොරොච්චෝලේ ලක්විජය බලාගාරය සඳහා සිදුකරනු ලබන හදිසි ගල් අඟුරු ප්‍රසම්පාදනය**

5.4.3.2.4.1 මේ සම්බන්ධයෙන් 2026 ජනවාරි 23 දින බලශක්ති අමාත්‍යවරයා විසින් ඉදිරිපත් කරන ලද **2025- 2026 වාරය සඳහා නොරොච්චෝලේ ලක්විජය බලාගාරය වෙත සිදුකරනු ලබන හදිසි ගල්අඟුරු ප්‍රසම්පාදනය** නමින් ඉදිරිපත් කරන ලද අංක අමප/26/0172/825/011 දරන අමාත්‍ය මණ්ඩල සංදේශයෙන් **(ඇමුණුම 60)** ගල්අඟුරු සැපයුම් කොන්ත්‍රාත්ගිවිසුම යටතේ වන බැඳීම සපුරාලීමට වත්මන් සැපයුම්කරු අපොහොසත් වුවහොත්, විදුලි බලාගාරයේ අඛණ්ඩ මෙහෙයුම් ක්‍රියාකාරිත්වයට බාධා වන පරිදි ගල්අඟුරු හිඟයක් උත්ගත වීමට ඉඩකඩ තිබිය හැකි බවත්, මේ වන විට නැව්ගත කිරීම් තුනක් දැනටමත් ගොඩබෑම සිදුකර ඇති අතර තවත් නැව්ගත කිරීම් පහක් අනුමත කර ඇති බවත් දක්වා තිබුණි. ඒ අනුව නැව්ගත් කිරීම් අටක් (ආසන්න වශයෙන් මෙ.ටො 474,715) එවීමට නියමිත බවත්, සැපයුම්කරු සතුවන ගිවිසුම්ගත බැඳීම් සපුරාලීම සම්බන්ධයෙන් පැහැර හැරීමක් හෝ අපොහොසත් වීමක් සිදුවන අවස්ථාවකදී කොන්ත්‍රාත්තුව අවලංගු කිරීම / අවසන්කිරීම සඳහා ගල්අඟුරු සැපයුම් ගිවිසුම තුල විධිවිධාන සලසා ඇති බවත් දන්වා තිබුණි.ඒ අනුව සැපයුම්කරුගේ අසාර්ථක කාර්යසාධනය හේතුවෙන් ඇතිවිය හැකි කිසියම් වූ තත්ත්වයක් මහඟරවා ගැනීමට නම්, ලංකා ගල් අඟුරු සමාගමේ සාමාන්‍යාධිකාරි විසින් ඉල්ලා සිටින පරිදි ඉහත හිඟය සුළු වශයෙන් හෝ මඟහරවා ගැනීමට ගල් අඟුරු නැව්ගත කිරීම් 5 ක් (මෙ.ටො. 300,000 ± 10%) හදිසි ප්‍රසම්පාදනය මඟින් ප්‍රසම්පාදනය කර ගැනීම සුදුසු බවට කරුණු දක්වා තිබුණි.

ඒ අනුව එම සංදේශයෙන් පහත කරුණු සඳහා අනුමැතිය අපේක්ෂා කර තිබුණි.

(අ) ප්‍රසම්පාදන මාර්ගොපදේශ සංග්‍රහය -2024 හි 3.1.8 වගන්තිය අනුගමනය කරනු ලබමින් හදිසි ප්‍රසම්පාදනය හරහා අඟුරු මෙ.ටො. 300,000 ± 10% ක් නැව්ගත කිරීම් 05 කින් ප්‍රසම්පාදනය කිරීම සඳහා ලංසු කැඳවීමේ කාල සීමාව එක් සතියකට (01) සීමා කරනු ලබමින් ලංකා ගල් අඟුරු සමාගම යටතේ ලියාපදිංචි ගල් අඟුරු සැපයුම්කරුවන්ගෙන් ලංසු කැඳවීමට

(ආ) 2025/2026 වාරය සඳහා ලක්විජය විදුලි බලාගාරය වෙත ගල් අඟුරු සැපයීමේ දීර්ඝ කාලීන ප්‍රසම්පාදනය වෙනුවෙන් පත් කරනු ලැබ ඇති ලංසු ඇගයීම් කමිටුව සහ ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටුව වෙත මෙම හදිසි ප්‍රසම්පාදනයේ කටයුතු ඉදිරියට සිදුකර ගෙන යාම සඳහා බලය පවරනු ලැබීමට

මෙම සංදේශය සඳහා ජාතික ප්‍රසම්පාදන කොමිෂමේ එකඟතාවයට යටත්ව 2026 ජනවාරි 26 දින අමාත්‍ය මණ්ඩලය අනුමත කර තිබුණි **(ඇමුණුම 61).**

5.4.3.2.4.2 2026 මාර්තු 16 දින බලශක්ති අමාත්‍යවරයා විසින් ඉදිරිපත් කරන ලද අංක 26/0521/825/011-I දරන **2025–2026 වාරය සඳහා නොරොච්චෝලේ ලක්විජය විදුලි බලාගාරය සඳහා ගල් අඟුරු හදිසි මිලදී ගැනීම (දැනට පවතින මිලදීගැනීමේ ක්‍රමවේදය අසාර්ථක වුවහොත්)** අමාත්‍ය මණ්ඩල සංදේශයට **(ඇමුණුම 62)** අනුව ඉහත සඳහන් ක්ෂණික ප්‍රසම්පාදනය සඳහා සැපයුම්කරුවන් 06 දෙනෙකු ප්‍රතිචාර දක්වා තිබුණු අතර ඒ අතරින් 2026 අප්‍රේල් 2026 මැයි කාලපරිච්ඡේදය සඳහා මෙ.ටො 300,000±10% Taranjot Resources (Pvt) Ltd වෙතින් මෙට්‍රික් ටොන් 1ක් එ.ජ.ඩො 142 (CFR) කට මිලදී ගැනීමට නිර්දේශ කර තිබුණි (මෙහි FOB මිල එ.ජ.ඩො 118 කි). ඒ අනුව උක්ත මෙට්‍රික් ප්‍රමාණය මෙම සැපයුම්කරුගෙන් මිලදී ගැනීම සඳහා අනුමැතිය මෙම සංදේශය ඉදිරිපත් කල දිනම එනම් 2026 මාර්තු 16 දිනම

ලබා දී තිබුණි **(ඇමුණුම 63 ).** .ඒ අනුව මෙම ප්‍රසම්පාදනය 2026 මාර්තු 18 දින Taranjot Resources (Pvt) Ltd වෙත ප්‍රදානය කර තිබුණි **(ඇමුණුම 64 ).**

5.5 **නොරොච්චෝලේ බලාගාරය සඳහා 2025/2026 කාලපරිච්ඡේදය තුල ලංකා ගල් අඟුරු සමාගම මිලදී ගත් ගල්අඟුරු තොගයන්හි ප්‍රමිතිය විශ්ලේෂණය කිරීම**

5.5.1 **ලංකාවට ආනයනය කරනු ලබන ගල්අඟුරු තොගයන්හි සාම්පල් ප්‍රමිති පරීක්ෂාව පිළිබඳ හැඳින්වීම**

5.5.1.1 **සාම්පල් ලබා ගැනීමේ හා පරීක්ෂා කිරීමේ ක්‍රමවේදය**

පරීක්ෂණ ද්‍රව්‍ය ප්‍රමිතීන් සඳහා වූ ඇමරිකානු සංගමයෙහි (American Society for Testing and Materials Standards -ASTM) ප්‍රමිතීන්ට අනුකූලව, ලංකාවට ආනයනය කරනු ලබන සෑම ගල් අඟුරු නැව්ගත කිරීමක්ම පැටවුම් වරායේදී සහ බලාගාරයේ ජැටියේදී සාම්පල පරීක්ෂාවකට ලක් කරනු ලබයි**.**

5.5.1.1.1 **පැටවුම් වරායේ දී (Load Port) සිදුකරන සාම්පල පරීක්ෂාව**

(i) ප්‍රසම්පාදන ගිවිසුමෙහි 3.5.1 වගන්තිය අනුව **(ඇමුණුම 65)** පැටවුම් වරායේදී සාම්පල පරීක්ෂාවේ දී ගැනුම්කරුට පිළිගත හැකි විකුණුම්කරු විසින් පත් කරන ලද පිළිගත් සහ ජාත්‍යන්තරව පිළිගත් ස්වාධීන පරීක්ෂකවරයෙකු විසින් ASTM ප්‍රමිතීන්ට අනුකූලව සාම්පල විශ්ලේෂණය සිදු කරනු ලැබිය යුතු අතර ගල් අඟුරු සපයන රටේ ශ්‍රී ලාංකික විදේශ දූත මණ්ඩලය හෝ ගල් අඟුරු සපයන රටේ වාණිජ මණ්ඩලය විසින් එම විශ්ලේෂණය ප්‍රතීතනය (accreditation) කලයුතු බවද දැක්වේ. .

(ii) ඒ අනුව පැටවීමේ වරායේදී ගන්නා ලද ගල් අඟුරු සාම්පලය කොටස් දෙකකට බෙදීමෙන් අනතුරු එක් කොටසක් ස්වාධීන පරීක්ෂක විසින් සාම්පල විශ්ලේෂණය සඳහා භාවිතා කළ යුතු අතර දෙවන නියැදිය (Umpire sample) සුදුසු වාතය රහිත භාජනයක නිසි ලෙස ලේබල් කර මුද්‍රා තබා, එක් එක් යාත්‍රාවේ නැව් ගත කිරීමේ දින සිට දින අනූවකට නොඅඩු කාලයක් පැටවීමේ වරායේ ස්වාධීන පරීක්ෂක විසින් රඳවා ගත යුතුය.

(iii) ගැනුම්කරුට, විකුණුම්කරුට පිළිගත හැකි තවත් ස්වාධීන පරීක්ෂකවරයෙකු පත් කළ හැකි අතර, පැටවීමේ වරායේ නියැදීන් අධීක්ෂණය කිරීමට ඔහුට අවසර දෙනු ලබයි. ගිවිසුම ප්‍රකාරව ආසන්න වශයෙන් සෑම නැව්ගත කිරීම් පහකටම ආසන්න වශයෙන් එක් වරක පදනම මත ගැනුම්කරුගේ බලයලත් නියෝජිතයින් දෙදෙනෙකුට අහඹු පදනමක් මත පැටවීමේ වරායේ නියැදීම සහ විශ්ලේෂණ ක්‍රියාවලිය අධීක්ෂණය කිරීමට අවසර දෙනු ලබන අතර විකුණුම්කරු ඉහත ක්‍රියාවලියට පහසුකම් සැපයිය යුතුය. තවද, අහඹු පදනමක් මත අවශ්‍ය විටෙක, දෙවන සාම්පලයක් පරීක්ෂා කිරීම, ගැනුම්කරු විසින් පැටවුම් වරායේදී පත් කරන ලද පිළිගත් ස්වාධීන පරීක්ෂකයකු විසින් සිදු කරනු ලබන අතර, විකුණුම්කරු මෙම ක්‍රියාවලියට පහසුකම් සැපයිය යුතුය.

(iv) නැව් ගත කිරීමේ දිනයෙන් පසු වැඩ කරන දින පහක් ඇතුළත ඉලෙක්ට්‍රොනික සම්ප්‍රේෂණය හරහා විකුණුම්කරු විසින් ස්වාධීන පරීක්ෂකගෙන් ලබා ගත් විශ්ලේෂණ සහතිකය ගැනුම්කරුට ලබා දිය යුතු අතර පැටවුම් වරායේ සහතිකය ගොඩබෑමේ වරායට ලැබීමට පෙර යාත්‍රාව පැමිණි අවස්ථාවක ගොඩබෑමට අවසර ලබා නොදෙන අතර එවැනි අවස්ථාවක ප්‍රමාදය හේතුවෙන් සිදුවන සියලු වියදම් සඳහා විකුණුම්කරු වගකිව යුතු බවද දැක්වේ.

### 5.5.1.1.2 ගොඩබාන වරායේ දී (Discharge Port) සිදුකරන සාම්පල පරීක්ෂාව

(i) උක්ත සඳහන් පැටවුම් වරායේදී සිදු කරනු ලබන පරීක්ෂණය හා සමානවම අදාල ගල්අඟුරු තොගය ගොඩබාන අවස්ථාවේ දී ද බලාගාරයේ ජැටියේදී පරීක්ෂාවකට ලක්කරනු ලබයි. මෙම සාම්පල විශ්ලේෂණය ද ඉහතින් සඳහන් කරන ලද ASTM ප්‍රමිතීන්ට අනුකූලව විකුණුම්කරුට පිළිගත හැකි, ගැනුම්කරු විසින් පත් කරන ලද ප්‍රතීතනය ලත් (accredited) සහ ජාත්‍යන්තරව පිළිගත් ස්වාධීන පරීක්ෂකවරයකු විසින් සිදු කරනු ලබයි. මෙහිදී විකුණුම්කරුට, ගැණුම්කරුට පිළිගත හැකි තවත් ස්වාධීන පරීක්ෂකවරයෙකු පත් කළ හැකි අතර, ඔහුට බලාගාරයේ ජැටියේ නියැදීම අධීක්ෂණය කිරීමට අවසර දෙනු ලැබේ. විකුණුම්කරුගේ බලයලත් නියෝජිතයින් දෙදෙනෙකුට අහඹු ලෙස බලාගාරයේ ජැටියේ නියැදීම සහ විශ්ලේෂණ ක්‍රියාවලිය අධීක්ෂණය කිරීමට අවසර දෙනු ලබන අතර, ඉහත ක්‍රියාවලියට ගැණුම්කරු පහසුකම් සැපයිය යුතුය.

(ii) බලාගාරයේ ජැටියෙන් ලබාගත් ගල් අඟුරු සාම්පලය ද පැටවුම් වරායේ දී මෙන් කොටස් දෙකකට බෙදන ලද අතර, එක් කොටසක් පත් කරන ලද ස්වාධීන පරීක්ෂක විසින් විශ්ලේෂණය සඳහා භාවිතා කළ යුතුය. ඉතිරි කොටස යොමු සාම්පලයක් (Reference Sample) ලෙස පත් කරන ලද ස්වාධීන පරීක්ෂක විසින් රඳවා ගනු ලැබේ. ගැණුම්කරු සහ විකුණුම්කරු යන දෙදෙනාගේම ඒකාබද්ධ අගුලක් (Joint Lock) සහ ඒකාබද්ධ භාරකාරත්වය (Joint Custody) යටතේ දෙවන නියැදිය සුදුසු වාතය රහිත භාජනයක නිසි ලෙස ලේබල් කර මුද්‍රා තබා, සෑම යාත්‍රාවකම ගල් අඟුරු ගොඩබෑම අවසන් කළ දින සිට දින අනූවකට නොඅඩු කාලයක් **ගොඩබාන වරායේ** ස්වාධීන පරීක්ෂක විසින් තබා ගනු ලැබේ.

(iii) ගැනුම්කරු විසින් ස්වාධීන පරීක්ෂක මගින්, ගොඩබෑමේ වරායේ කෙටුම්පත් සමීක්ෂණ, නියැදි සහ විශ්ලේෂණ සහතික, ස්වාධීන පරීක්ෂකගෙන් එවැනි සහතික ලැබීමෙන් පසු වැඩ කරන දින හතරක් ඇතුළත ඉලෙක්ට්‍රොනික සම්ප්‍රේෂණය හරහා විකුණුම්කරු වෙත ලබා දිය යුතුය. එක් එක් යාත්‍රාවේ ගල් අඟුරු ගොඩබෑම අවසන් වූ දින සිට දින 10 ක් ඇතුළත ස්වාධීන පරීක්ෂකවරයා ගොඩබෑමේ වරායේ සහතික නිකුත් කිරීමට බැඳී සිටී.

### 5.5.1.1.3 ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන සාම්පල පරීක්ෂාව

ඉහත සාම්පල පරීක්ෂාවට අමතරව ගිවිසුමේ සඳහන් නොවුවත්, භාවිතයක් ලෙස ගොඩබෑමේ වරායේ ස්වාධීන පරීක්ෂක වෙතින් ලබා ගන්නා ලද සාම්පල ලක්විජය බලාගාරයේ රසායනාගාරයේදී ද පරීක්ෂා කරනු ලබයි.

මෙම රසායනාගාරය මගින් ප්‍රධාන කාණ්ඩ 31 ක පරීක්ෂණ ප්‍රමාණයක් (ICP MS හා ආසන්න විශ්ලේෂණය යටතේ ඇතුළත් උප කාණ්ඩ සමඟ) සිදු කරන බවත්, මෙම පරීක්ෂණ මගින් පහත සඳහන් ක්ෂේත්‍ර ආවරණය කරන බවත් අනාවරණය විය **(ඇමුණුම 66).**

- වාෂ්ප / බොයිලේරු ජල රසායනය (සෝඩියම්, පොස්පේට්, සිලිකා, සම්පූර්ණ දෘඪතාව, යකඩ, තඹ)
- සිසිලන ජලය හා පාරිසරික නිරීක්ෂණය (උෂ්ණත්වය, ද්‍රාවිත ඔක්සිජන්, සම්පූර්ණ ද්‍රාවිත ඝන ද්‍රව්‍ය, ළිං ජලයේ හා ගල් අඟුරුවල බැර ලෝහ)

- ගල් අඟුරු ගුණාත්මකභාවය හා දහනය (තාපජනන අගය, ආසන්න විශ්ලේෂණය, සල්ෆර්, ගල් අඟුරු සියුම්භාවය, පියාසර අළුවල LOI හා අපද්‍රව්‍ය)
- ලිහිසි තෙල් තත්ත්වය (දුස්ස්‍රාවීතාව, තෙතමනය, අම්ල අගය, ජල වියෝජන ගුණය, ජ්වලනාංකය, NAS පිරිසිදුභාවය)
- රසායනික ශක්ති තහවුරු කිරීම (PAC, NaOH, HCl, ආදිය)
- අඩු ලවණතාවය / අතිපෙරීම (UF) පද්ධතියේ කාර්ය සාධනය

ඉහත ප්‍රධාන කාණ්ඩ 31 ක පරීක්ෂණ ප්‍රමාණයක් අතරින් ගල් අඟුරු ගොඩබෑම හා සම්බන්ධ පරීක්ෂණ 03 ක් සිදු කරනු ලබන අතර එම පරීක්ෂණවල මූලික අරමුණ, ආයතනික මට්ටමේ තිරණ ගැනීමේ ක්‍රියාවලිය සඳහා යොදා ගැනීම බව අණාවරණය විය. විස්තර පහත වගුවේ දැක්වේ.

**වගුව අංක 12 ලක්විජය බලාගාරයෙහි රසායනාගාරය මඟින් කරනු ලබන පරීක්ෂණ**

| **පරීක්ෂණය** | **වාර ගණන** | **සටහන** |
|---|---|---|
| තාපජනන අගය (Calorific Value) | නෞකාවකට වරක් | ගල් අඟුරුවල තාපජනන අගය දහනයේ ස්ථාවරත්වයට සහ බොයිලර් මෙහෙයුමේ ආර්ථිකතාවයට බලපායි. ඉහළ තාපජනන අගයක් සහිත ගල් අඟුරු බලාගාරයේ ආර්ථිකතාවය වැඩිදියුණු කරයි. |
| ගල් අඟුරුවල සමීප විශ්ලේෂණය - Proximate analysis (තෙතමනය, වාෂ්පශීලී පදාර්ථය, ස්ථාවර කාබන් අන්තර්ගතය සහ අළු අන්තර්ගතය) | නෞකාවකට වරක් | මෙම පරීක්ෂණය ගල් අඟුරුවල දහන කාර්යක්ෂමතාව, හැසිරවීමේ ලක්ෂණ සහ සමස්ත සුදුසුකම් තක්සේරු කිරීමට භාවිතා කරයි. |
| සල්ෆර් විශ්ලේෂණය | නෞකාවකට වරක් | එය බලාගාර කාර්යසාධනය සහ පරිසර සුරක්ෂිතතාව යන දෙකටම සෘජුවම බලපායි. |

### 5.5.1.1.4 ලක්විජය බලාගාරයෙහි පවත්වාගෙන යනු ලබන ප්‍රධාන පාලන ඒකකය

පාලන ඒකකය මඟින් බලාගාරයේ ඒකක 03 හිම මෙහෙයුම් අධික්ෂණය සිදු කරනු ලබන අතර මෙහෙයුම් නිළධාරීන් විසින් ඒකක 03 ට අදාළව ඒ ඒ ඒකකයේ මෙහෙයුම් සම්බන්ධ විශේෂිත අවස්ථාවන් පිළිබඳව වෙන වෙනම සටහන් යොදමින් ලොග් පොත් නඩත්තු කරනු ලබයි.

### 5.5.2 ලක්විජය බලාගාරයෙහි ධාරිතාවය

**5.5.2.1** බලාගාරයෙහි ඒකක 03 ක් ස්ථාපිත කර ඇති අතර එම ඒකකයකින් වරකට නිපදවිය හැකි උපරිම විදුලි ධාරිතාවය මෙගා වොට් 300 ක් වන අතර මෙම බලාගාරයෙන් නිපදවන විදුලි ඒකකයක් සඳහා සාමාන්‍යයෙන් රු.29.96 ක් පමණ වැය වේ. මෙගාවොට් 300 ක ධාරිතාවයකදී විදුලි කිලෝ වොට් පැය එකක් ජනනය කිරීම සඳහා අවශ්‍ය වන ගල් අඟුරු

ග්‍රෑම් 375 ක සාමාන්‍ය අගයක් මත (ගල් අඟුරු නැව් බඩු තොග අංක 407 සිට 455 දක්වා තොගයන් සලකා බැලූ විට) **(ඇමුණුම 67)** මෙගා වොට් 300 ක ධාරිතාවයකින් බලාගාරයේ එක් ඒකකයකින් විදුලිය ජනනය කිරීමට පැයකට ගල් අඟුරු මෙට්‍රික් ටොන් 112.5 ක සාමාන්‍ය අගයක් පරිභෝජනය වන බව හඳුනාගෙන තිබුණි.

**5.5.2.2** තවද බලාගාරයේ එක් ඒකකයක් සඳහා ගල් අඟුරු ඇඹරුම් ඒකක (Mills) 05 පවතින අතර ඉන් ඇඹරුම් ඒකක 04 ක් පමණක් මෙහෙයුම් සඳහා යොදා ගනිමින් පැවතුණි. එක් ඇඹුරුම් ඒකකයක පැයකට ගල් අඟුරු නිමවුම (Design Output) මෙට්‍රික් ටොන් 31.5 ක් ලෙස බලාගාරයේ මුල් නිෂ්පාදකයා විසින් නිර්දේශ කර තිබුණි. ඒ අනුව ඇඹුරුම් ඒකක 04 ටම අදාළව පැයකට මුළු ගල් අඟුරු නිමවුම (පරිභෝජනය) මෙක්ට්‍රික් ටොන් 126 (31.5 x 4) ක් වේ **(ඇමුණුම 68)** අදාළ තත්ත්වයන්ට අනුව බලාගාරයේ එක් ඒකකයක පවතින ඇඹුරුම් ඒකකවලින් පැයකට මුළු ගල් අඟුරු නිමවුම මෙට්‍රික් ටොන් 116 හෝ ඊට අඩුවෙන් පවත්වා ගන්නා බව බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන්ගෙන් කරන ලද විමසීම් වලට අනුව සහ බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එක් එක් ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත් අනුව අනාවරණය විය **(ඇමුණුම 69).** එලෙස පැයකට මුළු ගල් අඟුරු නිමවුම මෙට්‍රික් ටොන් 116 හෝ ඊට අඩුවෙන් පවත්වා ගැනීමට පහත සඳහන් කරුණු හේතු වී ඇති බව බලාගාරය විසින් විගණනය වෙත දන්වා තිබුණි. **(ඇමුණුම 70)**

ඒකකයක සැළසුම් කරන ලද ගල් අඟුරු සැපයුම් ධාරිතාව (the design coal feeding capacity) පැයකට මෙක්ට්‍රික් ටොන් 126 (31.5 x 4) ක් වුවද, මෙහෙයුම්වලදී නිරීක්ෂණය කරන ලද තථ්‍ය ගල් අඟුරු අනුපාතය සමහර විට පැයකට මෙක්ට්‍රික් ටොන් 115–116 පමණ අගයක පවත්වා ගනු ලැබිය හැක. ස්වයංක්‍රීය පාලන පද්ධතියේ හැසිරීම සහ විශ්වාසනීය බලාගාර මෙහෙයුම සඳහා අවශ්‍ය වන මෙහෙයුම් ආරක්ෂක සලකා බැලීම් කිහියක් මේ සඳහා ප්‍රධාන වශයෙන් හේතුවේ.

**(අ) ගල් අඟුරු සැපයුම් අනුපාතයේ ස්වයංක්‍රීය පාලනය**

සාමාන්‍ය මෙහෙයුම් තත්ත්වයන් යටතේ, විදුලි උත්පාදන ඒකකයේ ගල් අඟුරු සැපයුම් අනුපාතය බෙදා හරින ලද පාලන පද්ධතිය (Distributed Control System - DCS) මගින් ස්වයංක්‍රීයව පාලනය කරනු ලැබේ. පද්ධති පාලන මධ්‍යස්ථානයෙන් අවශ්‍ය විදුලි උත්පාදන ඉලක්කය (ක්‍රියාත්මක කළ යුතු ධාරිතවයේ මට්ටම - load set point) පද්ධතිය වෙත ලබා ගෙන, අවශ්‍ය විදුලි නිමවුමට ගැළපෙන පරිදි ගල් අඟුරු ප්‍රවාහය ස්වයංක්‍රීයව සකස් කරයි.

මෙම පාලනය PID (Proportional–Integral–Derivative) පාලකයක් භාවිතයෙන් සිදු කරනු ලබන අතර, එය ස්ථාවර බොයිලර් දහනය සහ ඒකකය ක්‍රියාත්මක කළ යුතු ධාරිතාවය පවත්වා ගැනීම සඳහා ගල් අඟුරු සැපයුම් අනුපාතය අඛණ්ඩව සකස් කරයි. මෙම ස්වයංක්‍රීය පාලන ක්‍රියාවලියේ කොටසක් ලෙස, ගල් අඟුරු සැපයුම් අනුපාතය තනි අගයක් මත නියතව නොපවතින අතර කුඩා මෙහෙයුම් පරාසයක් තුළ අඛණ්ඩව උච්චාවචනය වේ. මෙම ගල් අඟුරු අනුපාතය ඒකකය ක්‍රියාත්මක කළ යුතු ධාරිතාවය සහ ගල් අඟුරුවල අන්තර්ගතය වී ඇති ශක්ති මගින් තීරණය කරනු ලැබේ. පැයකට මෙක්ට්‍රික් ටොන් 116 ක අනුපාතයෙන් අවශ්‍ය ධාරිතාවය උත්පාදනය කළ හැකි නම්, සැපයුම් අනුපාතය උපරිමය දක්වා වැඩි කිරීම අවශ්‍ය නොවේ.

එබැවින්, යම් කාල පරිච්ඡේදයක් තුළ සාමාන්‍ය ගල් අඟුරු පරිභෝජනය ගණනය කිරීමේදී, එම අගය උපරිම සැපයුම් අනුපාතයට වඩා තරමක් අඩු ලෙස පෙනිය හැකිය. මෙම විචලනය ස්වයංක්‍රීය ක්‍රියාවලි පාලන පද්ධතිවල සාමාන්‍ය ලක්ෂණයකි.

**(ආ) ගල් අඟුරුවල ඉහළ පයිරයිට් (Pyrite) අන්තර්ගතය**

ගල් අඟුරු සමහර විට ඇඹරුම් ඒකකයක් මගින් අඹරා ගත නොහැකි දෘඩ ඛනිජ අංශු අඩංගු වේ. මෙම අංශු සාමාන්‍යයෙන් පයිරයිට් ලෙස හඳුන්වනු ලැබේ. ගල් අඟුරු ඇඹරුම් ඒකකයේ මෙම ද්‍රව්‍ය වෙන් කර ප්‍රතික්ෂේප පද්ධතිය හරහා පයිරයිට් hopper වෙත බැහැර කිරීම සඳහා විශේෂ යාන්ත්‍රණයක් ඇති අතර, මෙහෙයුම්කරුවන් ඒවා කාලානුරූපව ඉවත් කරනු ලැබේ.

ගල් අඟුරු අසාමාන්‍ය ලෙස ඉහළ පයිරයිට් ප්‍රමාණයක් හෝ සමාන අපද්‍රව්‍ය අඩංගු වන්නේ නම්, ප්‍රතික්ෂේප පද්ධතියට ඒවා උත්පාදනය වන වේගයෙන්ම බැහැර කිරීමට නොහැකි විය හැකිය. මෙය ඇඹරුම් ඒකකය තුළම එකතුවීමට හේතු විය හැකි අතර, එය ඇඹරුම් ඒකකය අවහිර වීමට, අධික උෂ්ණත්වය හෝ ගිනි අවදානමකට තුඩු දිය හැකිය. එවැනි තත්ත්වයන් යටතේ, ආරක්ෂිත මෙහෙයුම් පවත්වා ගැනීම සඳහා ගල් අඟුරු සැපයුම් අනුපාතය අඩු කරනු ලැබේ.

**(ඇ) ප්‍රාථමික වාතය ප්‍රවාහ සීමාවන් (Primary Air Flow Limitations)**

ගල් අඟුරු ඇඹරුම් ඒකක, ගල් අඟුරු වියළීම සහ කුඩු කරන ලද ගල් අඟුරු බොයිලර් දාහකයන් වෙත ප්‍රවාහනය කිරීම සඳහා ප්‍රමාණවත් ප්‍රාථමික වාතයක් අවශ්‍ය කරයි. මෙම වාතය ඇඹරුම් ඒකක වෙත ළඟා වීමට පෙර වාතය පූර්ව රත් කිරීමේ යන්ත්‍රය (Air Preheater) හරහා ගමන් කරයි. වාතය පූර්ව රත් කිරීමේ යන්ත්‍රය අර්ධ වශයෙන් අවහිර වූවහොත් හෝ වාතය කාන්දු වූවහොත්, අවශ්‍ය වාතය ප්‍රවාහය ඇඹරුම් ඒකකය වෙත සැපයිය නොහැකි වේ.

සැළසුම් කරන ලද පිරිවිතරයට වඩා ඉහළ අළු අන්තර්ගතයක් සහිත ගල් අඟුරු භාවිතා කිරීමේදී, වාතය පූර්ව රත් කිරීමේ යන්ත්‍රය තුළ අළු තැන්පතු වී එවැනි අවහිරයන් ක්‍රමානුකූලව ඇතිවිය හැකිය. ලබා ගත හැකි වාතය ප්‍රවාහය අඩු වූ විට, ඇඹරුම් ඒකක ඒවායේ පූර්ණ ධාරිතාවෙන් ආරක්ෂිතව ක්‍රියාත්මක කිරීමට නොහැකි වන අතර, එබැවින් ගල් අඟුරු සැපයුම් අනුපාතය අඩු කරනු ලැබේ.

**(ඈ) ගල් අඟුරුවල ගුණාත්මක විචලනයන්**

බලාගාරයට සපයනු ලබන ගල් අඟුරු, අළු අන්තර්ගතය, තෙතමන මට්ටම සහ ඛනිජ සංයුතිය වැනි ගුණාංගවලින් විචලනය විය හැකිය. එම හේතුව නිසා, ඇඹරුම් ඒකකවල විදුලි ධාරාව, උෂ්ණත්වය සහ පයිරයිට් බැහැර කිරීම වැනි ප්‍රධාන මෙහෙයුම් පරාමිතීන් සමීපව නිරීක්ෂණය කරමින් ගල් අඟුරු ඇඹරම් ඒකක සෑම විටම ක්‍රමානුකූලව පූරණය කරනු ලැබේ.

මෙම පරාමිතීන් අසාමාන්‍ය තත්ත්වයන් පෙන්නුම් කරන්නේ නම්, එනම් ඇඹරුම් ඒකකයේ අධික විදුලි ධාරාව (අධි පූරණය පෙන්නුම් කිරීම) හෝ අධික ප්‍රතික්ෂේප ද්‍රව්‍ය බැහැර වීම වැනි තත්ත්වයන් යටතේ, ගල් අඟුරු සැපයුම් අනුපාතය තවදුරටත් වැඩි කළ නොහැකිය. එවැනි අවස්ථාවල, ආරක්ෂිත හා ස්ථාවර ඇඹරුම් ඒකකයේ මෙහෙයුම් සහතික කිරීම සඳහා ගල් අඟුරු සැපයුම් අනුපාතය අඩු මට්ටමක පවත්වා ගනු ලැබේ.

**(ඉ) තෙත් ගල් අඟුරු තත්ත්වයන්**

ගල් අඟුරුවල ඉහළ තෙතමනයක් අඩංගු වේ නම් හෝ ගබඩා කිරීමේ හෝ හැසිරවීමේ අතරතුර තෙත් වී ඇත්නම්, ඒවා ඇඹරුම් ඒකකයේ අභ්‍යන්තර මතුපිට ඇලවීමට ඉඩ ඇත. මෙය ඇඹරීමේ කාර්යක්ෂමතාව අඩු කළ හැකි අතර ඇඹරුම් ඒකකය තුළ ද්‍රව්‍ය එකතුවීමට හේතු විය හැකිය. ඇඹරුම් ඒකකය අවහිර වීම හෝ අස්ථාවර මෙහෙයුම් වළක්වා ගැනීම සඳහා ගල් අඟුරු සැපයුම් අනුපාතය අඩු කළ යුතුය.

**(ඊ) ඇඹරුම් ඒකකයේ අවකල පීඩනය (Differential Pressure) වැඩිවීම**

ඇඹරුම් ඒකකයේ ඇඹරීමේ කොටස හරහා ඇති අවකල පීඩනය, කුඩු කරන ලද ගල් අඟුරු බොයිලරය වෙත කෙතරම් ඵලදායී ලෙස ප්‍රවාහනය කෙරේද යන්න පෙන්නුම් කරයි. මෙම පීඩනය සැලකිය යුතු ලෙස වැඩි වන්නේ නම්, එය අධික ගල් අඟුරු සැපයුම හේතුවෙන් ගල් අඟුරු අංශු ඇඹරුම ඒකකය තුළ එකතු වෙමින් ඇති බව පෙන්නුම් කරයි. ඇඹරුම් ඒකක අවහිර වීම සහ ඇතිවිය හැකි මෙහෙයුම් ගැටළු වළක්වා ගැනීම සඳහා ගල් අඟුරු සැපයුම් අනුපාතය අඩු කරනු ලැබේ.

**(උ) මෙහෙයුම් සිදුවීමකට මෑතකාලීන නිදසුනක් පහත සඳහන් වේ.**

මාර්තු 05 වන දින, ඒකකය 03 හි එක් ඇඹරුම් ඒකකයක් ආසන්න වශයෙන් පැයකට මෙක්ට්‍රික් ටොන් 29–30 ක ගල් අඟුරු ප්‍රවාහ අනුපාතක් සමඟ මෙහෙයුම් සිදු කරමින් පැවතුනි. මෙම මෙහෙයුම් අතරතුරදී, ඇඹරුම් ඒකක අවහිරතාවයකට ලක්වෙමින් ඇඹරුම් ඒකකයක E, B සහ D හි පයිරයිට් hopper හි ගින්නක් ඇති විය. ගල් අඟුරු සමඟ සම්බන්ධ අධික පයිරයිට් බැහැර වීම හේතුවෙන් මෙම ගැටළුව ඇති වූ බව විමර්ශනයෙන් හෙළි විය.

ආරක්ෂිත ක්‍රියාකාරිත්වය සහතික කිරීමට සහ තවදුරටත් සිදුවීම් වැළැක්වීමට, ගල් අඟුරු සැපයුම් අනුපාතය ඇඹරුම් ඒකකයකට ආසන්න වශයෙන් පැයකට මෙක්ට්‍රික් ටොන් 26 දක්වා අඩු කිරීමට සිදු විය. ඊට අමතරව, බලපෑමට ලක් වූ ඇඹරුම් ඒකක පිරිසිදු කර සාමාන්‍ය ක්‍රියාකාරී තත්ත්වයට පිහිටුවනු ලබන තෙක්, ස්ථාවර දහනය පවත්වා ගැනීම සඳහා තෙල් දහන උපකරණ තාවකාලිකව භාවිතා කරන ලදි. එබැවින්, ගල් අඟුරු අනුපාතය උපරිම මට්ටමින් පවත්වා ගැනීමට වඩා එවැනි තත්ත්වයන් වැළැක්වීම වඩාත් වැදගත් වේ.

### 5.5.3 ලක්විජය බලාගාරය සඳහා ගල්අඟුරු භාවිතා කිරීමේ දී පිරිවිතර සඳහා ස්ථාපිත කරන ලද ප්‍රමිතීන්

**5.5.3.1** බලාගාරයේ Original Equipment Manufacturer විසින් ගල්අඟුරුවල පිරිවිතරයන් තීරණය කර තිබුණු **අතර (ඇමුණුම 71)** ලංකා ගල්අඟුරු සමාගම විසින් ගල්අඟුරු ආනයනය කරනු ලබන අවස්ථාවේදී එම ගල්අඟුරුවලට අදාල පිරිවිතරයන් පහත සඳහන් ප්‍රමිතීන්ගෙන් සමන්විත විය යුතු බවට වර්තමානය වන විට භාවිතා කරනු ලබන ලංසු ලේඛන වල සඳහන් කර තිබුණි. තවද, උක්ත පරිදි පරාමිතීන් සඳහා ස්ථාපිත කරන ලද සීමාවන් පහත දැක්වෙන සීමාවන් තුල ප්‍රතික්ෂේප කිරීමේ අයිතියක් ගැණුම්කරුට ඇති බවට ඒ ඒ අවස්ථාවන්වලදී ගිවිසුම මඟින් සමාගමෙහි 3.4.3 (a) වගන්තියෙන් **(ඇමුණුම 72)** විකුණුම්කරුට සන්නිවේදනය කරනු ලබන අතර පැවතිය යුතු පහත සඳහන් ප්‍රමිතීන්ද ගිවිසුමෙහි 5.1 වගන්තියෙන් විකුණුම්කරුට තවදුරටත් සන්නිවේදනය කරනු ලබයි. **(ඇමුණුම 73)**

වගුව අංක 13 - **ලංකා ගල්අඟුරු සමාගම විසින් ආනයනය කරනු ලබන ගල් අඟුරු සඳහා පැවතිය යුතු ප්‍රමිතීන් හා ප්‍රතික්ෂේප කල යුතු මට්ටමේ අගයන්**

| **පරාමිතිය** | **මිනුම් ඒකකය** | **ලැබූ පදනම ලෙස** | **ප්‍රතික්ෂේපිත මට්ටම** |
|---|---|---|---|
| දළ තාපජනන අගය (Gross Calorific Value) | kcal/kg | 6,150 | 5,900 වඩා අඩු |
| මුළු තෙතමනය (Total Moisture) | % wt | 12.0 හෝ අඩු | බරින් 16% වඩා වැඩි |
| වාෂ්පශීලී පදාර්ථය (Volatile Matter) | % wt | 31 | 22% වඩා අඩු, 39.9% වඩා වැඩි |
| ස්ථාවර කාබන් (Fixed Carbon) | % wt | 49.5 | |
| සල්ෆර් (Sulphur) | % wt | 0.5 හෝ අඩු | බරින් 1% වඩා වැඩි |
| අළු (Ash) | % wt | 11.0 හෝ අඩු | බරින් 16% වඩා වැඩි |
| හාඩ්ග්‍රෝව් ඇඹරුම් හැකියාවේ දර්ශකය (HGI) | ○ H | 50 | 40 වඩා අඩු, 59 වඩා වැඩි |
| Grain ප්‍රමාණය මිලිමීටර 50 ට වැඩි | % wt | 3.0 හෝ අඩු | බරින් 5% වඩා වැඩි |
| Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | % wt | 22.5 හෝ අඩු | බරින් 30% වඩා වැඩි |
| **අළු විලයනය (ASH FUSION) ( $C^0$)** | | | |
| ආරම්භක විරූපණ උෂ්ණත්වය | $C^0$ | 1,250 | 1,150 $C^0$ වඩා අඩු |
| (IDT) | $C^0$ | 1,325 | 1,250 $C^0$ වඩා අඩු |
| තරල උෂ්ණත්වය (FT) | | | |

### 5.5.3.2 යම් අවස්ථාවක ආනයනය කරනු ලබන ගල්අඟුරු තොගයන් නිශ්චිත ප්‍රමිතීන්ට අනුකූල නොවේනම් ගතයුතු ක්‍රියාමාර්ගයන්

#### 5.5.3.2.1 ප්‍රමිතියට අනුකූල නොවන බව පැටවුම් වරායේ දී (Loading Port) හඳුනාගත් විට

පැටවීමේ වරායේ විශ්ලේෂණ සහතිකය, විකුණුම්කරුට ලැබීමෙන් පැය 72 **ක්** ඇතුළත එම සහතිකය ගැණුම්කරුට ඉදිරිපත් කල යුතු බව ගිවිසුමෙහි 3.5.2 වගන්තියෙහි දැක්වේ **(ඇමුණුම 74).** තවද ගල් අඟුරු නැව් බඩු තොගයක ඉහත සඳහන් ප්‍රතික්ෂේප කිරීමේ අගයන්වල ලැයිස්තුගත කර ඇති පරාමිතීන් ප්‍රතික්ෂේප කිරීමේ අගයන් තුළට අයත් නම් , සමාගමට එවැනි ගල් අඟුරු මිලදී ගැනීම ප්‍රතික්ෂේප කිරීමට හැකියාව ඇත. තවද මෙම අවස්ථාවේදී, විකුණුම්කරු එවැනි ගල් අඟුරු නැවිගත කිරීමක් විකුණුම්කරුගේ වියදමින් වහාම ආපසු කැඳවිය යුතු අතර ගිවිසුම් ප්‍රකාරව ගුණාත්මකභාවය සහිත විකල්ප ගල් අඟුරු සැපයුමක් ලබා දීමට විකුණුම්කරුට සිදුවන බව ගිවිසුමෙහි 3.4.3 (a) හි දැක්වේ.

**5.5.3.2.2 ප්‍රමිතියට අනුකූල නොවන බව ගොඩබෑමේ වරායේ දී (Discharging Port) හඳුනාගත් විට**

ගොඩබෑමේ වරායේ ස්වාධීන පරීක්ෂක විසින් සපයන ලද ගොඩබෑමේ වරාය විශ්ලේෂණ සහතික ලැබීමෙන් පසු, ගල්අඟුරු සමාගම විසින් ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන්වල ලැයිස්තුගත කර ඇති පරාමිතීන් අනුව ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන් තුළට වැටේ නම්, ගල් අඟුරු සඳහා වන LCC සම්මත අගයෙන් බැහැරවීම ගිවිසුමෙහි සඳහන් වගන්තීන් අනුව අදාල ගැලපීම් සිදුකළ යුතුවේ.

**5.5.3.2.3 ආනයනය කරන ලද ගල් අඟුරු නියමිත ප්‍රමිතියෙන් තොර වූ විට සැපයුම්කරුගෙන් දඩමුදල් අයකරගැනීමේ ක්‍රමවේදය**

මෙම දඩමුදල් අයකිරීම පහත පරිදි අවස්ථාවන් දෙකකට අනුව සිදුකරනු ලබයි.

(අ) ගොඩබාන ලද ගල් අඟුරුවල පවතින පිරිවිතරයන් LCC සම්මත අගයන් සපුරන්නේ නොමැති නමුත් LCC විසින් ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන් තුළට අයත් නොවන විටදි ගිවිසුමෙහි 5.5 වගන්තිය අනුව දඩ මුදල් අයකිරීම. **(ඇමුණුම 75)**

(ආ) ගොඩබාන ලද ගල් අඟුරුවල පවතින පිරිවිතරයන් LCC විසින් ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන් තුළට අයත් වන විටදි ගිවිසුමෙහි 5.6 දඩ මුදල් අයකිරීම. **(ඇමුණුම 76)**

මෙම අවස්ථා දෙක සම්බන්ධයෙන් විස්තරාත්මක පැහැදිලි කිරීමක් පහතින් දැක්වේ.

**වගුව අංක : 14 ගොඩබාන ලද ගල් අඟුරුවල පවතින පිරිවිතරයන් LCC සම්මත අගයන් සපුරන්නේ නොමැති නමුත් LCC විසින් ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන් තුළට අයත් නොවන විටදි දඩ මුදල් අයකිරීම**

| පිරිවිතරය | මිනුම් ඒකකය | සම්මත අගය | තත්‍ය අගය | දඩ මුදල |
|---|---|---|---|---|
| දළ තාපජනන අගය | kcal/ kg | 6150 | >=5900 | [ (FOB)f x 1.25 ] x [(LCC Standard value -Actual Value) / LCC Standard value] |
| සල්ෆර් අන්තර්ගතය | % wt | 0.5 හෝ අඩු | <=1 | [(FOB)f x 0.4%] x [(Actual value % - LCC Standard value%) / 0.1%] |
| අළු අන්තර්ගතය | % wt | 11.0 හෝ අඩු | <=16 | [(FOB)f x 0.8%] x [(Actual value % - LCC Standard value%) / 1%] |
| තෙතමනය අන්තර්ගතය | % wt | 12.0 හෝ අඩු | <=16 | [(FOB)f x 2%] x [(Actual value % - LCC Standard value%) / 1%] |
| ගොඩබෑමේ වරායේදී භාණ්ඩ ගබඩාවල අතිරික්ත ජල අන්තර්ගතය | MT | 0 | අතිරික්ත ජලය | [ Excess water found in MT x (CFR)f price per MT] x 4 |

| | | | | |
|---|---|---|---|---|
| Grain ප්‍රමාණය මිලිමීටර 50 ට වැඩි | % wt | 3.0 හෝ අඩු | <=5 | [(FOB)f x 0.05%] x [(Actual value % - LCC Standard value%) / 1%] |
| Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | % wt | 22.5 හෝ අඩු | <=30 | [(FOB)f x 0.01%] x [(Actual value % - LCC Standard value%) / 1%] |
| වාෂ්පශීලී පදාර්ථය | % wt | 31 | <25 | [(FOB)f x 0.4%] x [(25 % - Actual value %) / 1%] |
| වාෂ්පශීලී පදාර්ථය | % wt | 31 | >35 | [(FOB)f x 1%] x [(Actual value % - 35%) / 1%] |

LCC විසින් ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන් දක්වා අදාළ පිරිවිතරයන් හි විචලනයන් සඳහා ඉහත වගුව පරිදි දඩ මුදල් ගණනය කර එම දඩ මුදලට LCC විසින් ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන් තුළට අයත් වන අදාළ පිරිවිතරයන් හි විචලනයන් සඳහා පහත වගුව පරිදි ගණනය කරනු ලබන දඩ මුදල එකතු කරමින් මුළු දඩ මුදල ගණනය කරනු ලබයි.

**වගුව අංක : 15 ගොඩබාන ලද ගල් අඟුරුවල පවතින පිරිවිතරයන් LCC විසින් ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන් තුළට අයත් වන විටදි දඩ මුදල් අයකිරීම**

| පිරිවිතරය | මිනුම | ප්‍රතික්ෂේපිත අගය | තත්‍ය අගය | දඩ මුදල |
|---|---|---|---|---|
| දළ තාපජනන අගය | kcal / kg | 5900 | <5900 | {[(CFR)f x 1.25] x [(LCC Reject value - Actual Value) / LCC Standard value]} x 2 |
| සල්ෆර් අන්තර්ගතය | % wt | 1 | <1 | {[(CFR)f x 0.4%] x [(Actual value % - LCC Reject value%) / 0.1%]} x 4 |
| අළු අන්තර්ගතය | % wt | 16.0 | <16 | {[(CFR)f x 0.8%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| තෙතමනය අන්තර්ගතය | % wt | 16.0 | <16 | {[(CFR)f x 2%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| Grain ප්‍රමාණය මිලිමීටර 50 ට වැඩි | % wt | 5.0 | <5 | {[(CFR)f x 0.05%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | % wt | 30 | >30 | {[(CFR)f x 0.01%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| වාෂ්පශීලී පදාර්ථය | % wt | 22 | <22 | {[(CFR)f x 0.4%] x [(Reject value % - Actual |

| | | | | |
|---|---|---|---|---|
| | | | | value %) / 1%]} x 2 |
| වාෂ්පශීලී පදාර්ථය | % wt | 39.9 | >39.9 | {[(CFR)f x 1%] x [(Actual value % - Reject value %) / 1%]} x 2 |
| හාඩ්ග්‍රෝව් ඇඹරුම් හැකියාවේ දර්ශකය (HGI) | 0H | 59 | >59 | {0.05 x (Actual Value - LCC Reject Value)} |
| හාඩ්ග්‍රෝව් ඇඹරුම් හැකියාවේ දර්ශකය (HGI) | 0H | 40 | <40 | {0.05 x (LCC Reject Value - Actual Value)} |
| අළු විලයන උෂ්ණත්වය | | | | |
| (අ)ආරම්භක විරූපණ උෂ්ණත්වය (IDT) | $C^0$ | 1,150 | <1150 | {0.1 x (LCC Reject Value - Actual Value)} |
| (ආ)තරල උෂ්ණත්වය (FT) | $C^0$ | 1,250 | <1250 | {0.1 x (LCC Reject Value - Actual Value)} |

### 5.5.4 2020 (262 නැව්වාරයේ සිට) - 2026 (455 නැව්වාරය දක්වා) ලංකාවට ආනයනය කරන ලද ගල්අඟුරු තොගයන්හි ප්‍රමිතින් පිළිබඳ විශ්ලේෂණය

5.5.4.1. 2020 – 2021 ගල් අඟුරු වාරයේ සිට (262 වැනි නැව්ගත කිරීමේ සිට) 2025 -2026 ගල් අඟුරු වාරය දක්වා (455 වැනි නැව්ගත කිරීම දක්වා) ආනයනය කරන ලද ගල් අඟුරු නැව් තොග 194 කට අදාළව ගොඩබාන වරායේ ස්වාධීන පරීක්ෂක (ලංකා ගල්අඟුරු සමාගම විසින් තෝරා ගන්නා ලද පරීක්ෂක වීම හේතුවෙන්) විසින් ඉදිරිපත් කරන ලද පරීක්ෂණ වාර්තා අනුව ගල් අඟුරු තොගවල ගුණත්වය පහත වගුවේ දැක්වේ **(ඇමුණුම 77).**

වගුව අංක **16** **2020 - 2026** ලංකාවට ආනයනය කරන ලද ගල්අඟුරු තොගයන්හි ප්‍රමිතින් පිළිබඳ විශ්ලේෂණය

| පරාමිතිය | මිනුම් ඒකකය | සම්මත අගය (ලැබූ පදනම ලෙස) | ප්‍රතික්ෂේපිත අගය | ආනයනික නැව් බඩුතොග **194** හි පැවති තථ්‍ය අගයන් | |
|---|---|---|---|---|---|
| දළ තාපජනන අගය (Gross Calorific Value) | kcal/kg | 6,150 | 5,900 වඩා අඩු | 6410-6472 | 9 |
| | | | | 6310-6392 | 32 |
| | | | | 6205-6295 | 41 |
| | | | | 6151-6198 | 57 |
| | | | | 6104-6148 | 37 |
| | | | | 6054-6098 | 13 |
| | | | | 6002-6036 | 5 |
| | | | | **එකතුව** | **194** |
| මුළු තෙතමනය | % wt | 12.0 හෝ අඩු | 16 වඩා වැඩි | 12.0 අඩු | 194 |
| වාෂ්පශීලී පදාර්ථය (Volatile Matter) | % wt | 31 | 22 වඩා අඩු, 39.9 වඩා වැඩි | 25.05 - 34.85 | 181 |
| | | | | 22 වැඩි 25 අඩු | 13 |
| | | | | **එකතුව** | **194** |
| සල්ෆර් අන්තර්ගතය | % wt | 0.5 හෝ අඩු | 1 වඩා වැඩි | 0.5 අඩු | 139 |
| | | | | 0.5 | 19 |
| | | | | 0.51-0.71 | 36 |
| | | | | **එකතුව** | **194** |
| අළු අන්තර්ගතය | % wt | 11.0 හෝ අඩු | 16 වඩා වැඩි | 11.0 අඩු | 101 |
| | | | | 11.11 - 15.97 | 93 |
| | | | | **එකතුව** | **194** |
| හාඩ්ග්‍රෝව් ඇඹරුම් හැකියාවේ දර්ශකය (HGI) | o H | 50 | 40 වඩා අඩු, 59 වඩා වැඩි | 49-58 | 194 |
| Grain ප්‍රමාණය මිලිමීටර 50 ට වැඩි | % wt | 3.0 හෝ අඩු | 5 වඩා වැඩි | 0.05-2.84 | 194 |
| Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | % wt | 22.5 හෝ අඩු | 30 වඩා වැඩි | 17.38-22.50 | 182 |
| | | | | 22.58-26.57 | 12 |
| | | | | **එකතුව** | **194** |
| අළු විලයන උෂ්ණත්වය - ආරම්භක විරූපණ උෂ්ණත්වය (IDT) | $C^0$ | 1250 | 1,150 වඩා අඩු | 1210-1500 | 194 |
| අළු විලයන උෂ්ණත්වය - තරල උෂ්ණත්වය (FT) | $C^0$ | 1325 | 1,250 වඩා අඩු | 1290-1500 | 194 |

ඉහත වගුව අනුව 2020 - 2021 ගල් අඟුරු වාරයේ සිට (262 වැනි නැව්ගත කිරීමේ සිට) 2025 -2026 ගල් අඟුරු වාරය දක්වා (455 වැනි නැව්ගත කිරීම දක්වා) ආනයනය කරන ලද ගල් අඟුරුවල දළ තාපජනන අගය මෙම බලාගාරයට අවශ්‍ය ප්‍රමිතිය වූ 6,150 kcal / kg ඉක්මවා සියයට 72 ක් අදාල ප්‍රමිතියද ඉක්මවා තිබුණු අතර ඉතිරි ප්‍රමාණය වූ සියයට 28 ක ප්‍රමාණයද ප්‍රතික්ෂේපිත අගයන් තුළට ඇතුළත්ව නොතිබුණි. තවද අළු අන්තර්ගතය සලකා බැලූ විට සියයට 52 ක් ප්‍රමිතිය ඉක්මවා ද සියයට 48 ක් ප්‍රතික්ෂේපිත අගයන් තුළට ඇතුළත් නොවුණි. තවද, ඉහත වගුව අනුව අනෙකුත් පරාමිතීන් පැවති තත්වයන්ද දක්වා ඇති අතර එලෙස ප්‍රතික්ෂේපිත අගයන් තුළට ඇතුළත් නොවූ නමුත් සම්මත අගයන් තුළ නොමැති පරාමිතීන් කිහිපයක් සඳහා මිල ගැලපීම් සිදු කර තිබුණි.

5.5.4.1.1 **2020 – 2025 කාලපරිච්ඡේදය තුළදී බලාගාරයේ ඒකකය අංක 01 විසින් භාවිතා කරන ගල්අඟුරු තොග මත එහි කාර්යසාධනය**

(i) 2020 සිට 2025 දක්වා වූ වර්ෂ 06 ක හෙවත් දින 2,198 ක කාලපරිච්ඡේදය තුළදී ඒකකය අංක 01 දින 1,730 ක් විදුලිය ජනනය කිරීම සඳහා ක්‍රියාත්මක කර තිබූ අතර එම දින 1,730 තුළදී විදුලිය ජනනය කිරීමේදී පරිභෝජනය කරන ලද සාමාන්‍ය ගල් අඟුරු ප්‍රමාණය/අනුපාතය කිලෝවොට් පැය එකකට ගල් අඟුරු ග්‍රෑම් 379 ක් බව අනුව හඳුනාගෙන තිබුණි. මෙම සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳීමේ දී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබුණු අවස්ථා පහත දැක්වේ. **(ඇමුණුම 78)**

**වගුව අංක : 17 බලාගාරයේ ඒකකය අංක 01 විසින් භාවිතා කරන ගල්අඟුරු තොග මත එහි කාර්යසාධනය**

| දෛනික සාමාන්‍ය ධාරිතාවය | විවිධ දෛනික සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතයන් (ග්‍රෑම්) යටතේ විදුලි ජනනය කරන ලද දින ගණන | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | **< 379** | **379 - 390** | **390 - 400** | **400 - 410** | **410 - 420** | **420 - 430** | **>430** | **මුළු දින ගණන** |
| 300>250 | 855 | 426 | 68 | 21 | 8 | 5 | 1 | 1384 |
| 250>200 | 32 | 68 | 100 | 50 | 15 | 3 | 3 | 271 |
| 200>150 | 2 | 6 | 12 | 8 | 3 | 3 | 0 | 34 |
| 150>100 | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 11 |
| 100>50 | 6 | 1 | 1 | 2 | 1 | 1 | 0 | 12 |
| 50>0 | 10 | 0 | 2 | 1 | 0 | 0 | 5 | 18 |
| **මුළු දින ගණන** | **908** | **505** | **186** | **83** | **27** | **12** | **9** | **1730** |

**(v)** ඉහත දින 1,730 ක කාලපරිච්ඡේදය තුළදී ඒකකය පණ ගැන්වීමට හෝ වෙනත් ක්‍රියාකාරකම් සඳහා ඇතැම් දිනයන්හිදී ඩිසල් පරිභෝජනය කර තිබුණු අතර ඩිසල් පරිභෝජනය කරන ලද දිනයන්හි දී දෛනික ගල් අඟුරු පරිභෝජන අනුපාතයේ හැසිරීම පහත වගුවේ දැක්වේ.

**වගුව අංක : 18 ඩිසල් පරිභෝජනය කරන ලද දිනයන්හි දී දෛනික ගල් අඟුරු පරිභෝජන අනුපාතයේ හැසිරීම**

| දෛනික සාමාන්‍ය ධාරිතාවය | ඩිසල් භාවිතා කරන ලද දිනයන්හිදී විවිධ දෛනික සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතයන් (ග්‍රෑම්) යටතේ විදුලි ජනනය කරන ලද දින ගණන | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **ඩිසල් මෙ.ටො** | **< 379** | **379 - 390** | **390 - 400** | **400 - 410** | **410 - 420** | **420 - 430** | **>430** | **මුළු දින ගණන** |
| 300>250 | 0.02-23.02 | 72 | 42 | 7 | 0 | 0 | 3 | 1 | 125 |
| 250>200 | 0.03-92.33 | 9 | 10 | 9 | 8 | 3 | 0 | 1 | 40 |
| 200>150 | 0.17-61.30 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 7 |
| 150>100 | 0.31-148.82 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 8 |
| 100>50 | 1.01-195.14 | 6 | 1 | 1 | 2 | 1 | 1 | 0 | 12 |
| 50>0 | 0.98-183.67 | 10 | 0 | 2 | 1 | 0 | 0 | 5 | 18 |
| **මුළු දින ගණන** | | **100** | **58** | **26** | **11** | **4** | **4** | **7** | **210** |

(vi) ලක්විජය බලාගාරයෙහි ඉහත වගු දෙක අනුව සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳිමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවීමක් හේතු වී තිබේද යන්න සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවීමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වී තිබේද යන්න පරීක්ෂා කිරීම සඳහා එම කාලපරිච්ඡේදයට අදාළව ඒකකය අංක 01 හි බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එම ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත් පරීක්ෂා කරන ලදී. එම ලොග්පොත් අනුව අදාල කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවීමක් හේතු වී තිබූ බවට හෝ/සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවීමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන් ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වී තිබූ බවට කිසියම් සටහනක් හඳුනාගැනීමට නොහැකි විය.

(vii) සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳිමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවීමක් හේතු වී තිබේද යන්න සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවීමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වී තිබේද යන්න පරීක්ෂා කිරීම සඳහා 2025 වර්ෂයට අදාළව සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිකව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාවන් පරීක්ෂා කරන ලද අතර එම වාර්තාවල රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන්, ඒ ඒ ඒකක ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන දැක්වේ. ඒ අනුව ඒකකය අංක 01 ට අදාළව 2025 වර්ෂය තුළදී සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳිමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා/ දින 104 ක් අතරින් රාත්‍රී කාර්යබහුල කාලය තුළදී සම්පූර්ණ ධාරිතවය හෝ ඊට වැඩි එනම් මෙගාවොට් 270 හෝ ඊට වැඩි ධාරිතාවයකින් දින 48 ක් ක්‍රියාත්මක වී තිබුණු අතර මෙගාවොට් 267 – 269 අතර ධාරිතාවයකින් දින 27 ක් ද, මෙගාවොට් 264 – 266 අතර ධාරිතාවයකින් දින 15 ක් ද, මෙගාවොට් 263 – 260 අතර ධාරිතාවයකින් දින 05 ක් ද, මෙගාවොට් 207 – 256 අතර ධාරිතාවයකින් දින 06 ක් ද ක්‍රියාත්මක වී තිබුණි. එමෙන්ම, දින 03 ක රාත්‍රී කාර්යබහුල කාලය තුළදී ඒකකය ක්‍රියාත්මක වී නොතිබුණි.මෙම අවස්ථා අතරින් එක් අවසථාවක පමණක් එනම් 2025 නොවැම්බර් 03 දින රාත්‍රී කාර්යබහුල කාලය තුළදී ගල් අඟුරුවල ගුණත්වයේ ගැටළුවක් හේතුවෙන් (තෙත ගල් අඟුරු) මෙගාවොට් 260 ක් පමණක් ක්‍රියාත්මක වී තිබූ බවට සටහනක් යොදා තිබුණු අතර අනෙකුත් අවස්ථා සඳහා ගල් අඟුරුවල ගුණත්වයේ ගැටළුවක් හේතු වී ඇති බවට සටහනක් නිරීක්ෂණය නොවීය **(ඇමුණුම 78 a)**

**5.5.4.1.2 2020 – 2025 කාලපරිච්ඡේදය තුළදි බලාගාරයේ ඒකකය අංක 02 විසින් භාවිතා කරන ගල්අඟුරු තොග මත එහි කාර්යසාධනය**

(i) 2020 සිට 2025 දක්වා වූ වර්ෂ 06 ක හෙවත් දින 2,198 ක කාලපරිච්ඡේදය තුළදි ඒකකය අංක 02 දින 1,798 ක් විදුලිය ජනනය කිරීම සඳහා ක්‍රියාත්මක කර තිබූ අතර එම දින 1,798 ක තුළදී විදුලිය ජනනය කිරීමේ දී පරිභෝජනය කරන ලද සාමාන්‍ය ගල්

අහුරු ප්‍රමාණය/අනුපාතය කිලෝවොට් පැය එකකට ගල් අඟුරු ග්‍රෑම් 368 ක් බව අනුව හඳුනාගැනීමට හැකි විය. සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳීමේ දී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා පහත වගුවෙහි දැක්වේ. **(ඇමුණුම 79)**

**වගුව අංක : 19 2020 – 2025 කාලපරිච්ඡේදය තුළදී බලාගාරයේ ඒකකය අංක 02 විසින් භාවිතා කරන ගල්අඟුරු තොග මත එහි කාර්යසාධනය**

| දෛනික සාමාන්‍ය ධාරිතාවය | විවිධ දෛනික සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතයන් (ග්‍රෑම්) යටතේ විදුලි ජනනය කරන ලද දින ගණන | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **< 368** | **368 - 380** | **380 - 390** | **390 - 400** | **400 - 410** | **410 - 420** | **420 - 430** | **>430** | **මුළු දින ගණන** |
| 300>250 | 906 | 589 | 68 | 10 | 2 | 0 | 1 | 0 | 1576 |
| 250>200 | 26 | 46 | 58 | 14 | 0 | 1 | 0 | 0 | 145 |
| 200>150 | 2 | 8 | 24 | 10 | 4 | 0 | 0 | 1 | 49 |
| 150>100 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 7 |
| 100>50 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| 50>0 | 13 | 1 | | | 0 | 0 | 0 | 1 | 15 |
| **මුළු දින ගණන** | **952** | **648** | **152** | **36** | **6** | **1** | **1** | **2** | **1798** |

(ii) ඉහත දින 1,798 ක කාලපරිච්ඡේදය තුළදී ඒකකය පණ ගැන්වීමට හෝ වෙනත් ක්‍රියාකාරකම් සඳහා ඇතැම් දිනයන්හිදී ඩිසල් පරිභෝජන කරන ලද අතර එම ඩිසල් පරිභෝජන කරන ලද දිනයන්දී දෛනික ගල් අඟුරු පරිභෝජන අනුපාතයේ හැසිරීම පහත වගුවේ දැක්වේ.

**වගුව අංක : 20 ඩිසල් පරිභෝජනය කරන ලද දිනයන්හි දී දෛනික ගල් අඟුරු පරිභෝජන අනුපාතයේ හැසිරීම**

| දෛනික සාමාන්‍ය ධාරිතාවය | ඩිසල් භාවිතා කරන ලද දිනයන්හිදී විවිධ දෛනික සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතයන් (ග්‍රෑම්) යටතේ විදුලි ජනනය කරන ලද දින ගණන | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **ඩිසල් මෙ.ටො** | **< 368** | **368 - 380** | **380 - 390** | **390 - 400** | **400 - 410** | **410 - 420** | **420 - 430** | **>430** | **මුළු දින ගණන** |
| 300>250 | 0.01-21.10 | 95 | 50 | 3 | 2 | 0 | 0 | 0 | 0 | 150 |
| 250>200 | 0.02-61.10 | 5 | 8 | 7 | 2 | 0 | 0 | 0 | 0 | 22 |
| 200>150 | 0.02-57.55 | 0 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 8 |
| 150>100 | 13.10-115.78 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| 100>50 | 8.47-121.99 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| 50>0 | 6.62-208.85 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15 |
| **මුළු දින ගණන** | | **117** | **65** | **15** | **8** | **1** | **0** | **0** | **1** | **207** |

(iii) ඉහත වගු අනුව සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳීමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල

ගුණත්වයේ අඩුවිමක් හේතු වී තිබේද යන්න සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවිමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වි තිබේද යන්න පරීක්ෂා කිරීම සඳහා එම කාලපරිච්ඡේදයට අදාළව ඒකකය අංක 02 හි බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එම ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත් පරීක්ෂා කරන ලදී. එම ලොග් පොත් අනුව එම විචලනයන් සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවිමක් හේතු වී තිබූ බවට හෝ/සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවිමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වි තිබූ බවට කිසියම් සටහනක් හඳුනාගැනීමට නොහැකි විය.

(iv) සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳිමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවිමක් හේතු වී තිබේද යන්න සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවිමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වි තිබේද යන්න පරීක්ෂා කිරීම සඳහා 2025 වර්ෂයට අදාළව සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිකව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාවන් පරීක්ෂා කරන ලද අතර එම වාර්තාවල රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන්, ඒ ඒ ඒකක ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන දැක්වේ. ඒ අනුව ඒකකය අංක 02 ට අදාළව 2025 වර්ෂය තුළදී සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳිමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා/ දින 99 ක් අතරින් රාත්‍රී කාර්යබහුල කාලය තුළදී සම්පූර්ණ ධාරිතවය හෝ ඊට වැඩි එනම් මෙගාවොට් 270 හෝ ඊට වැඩි ධාරිතාවයකින් දින 58 ක් ක්‍රියාත්මක වී තිබුණු අතර මෙගාවොට් 268 – 269 අතර ධාරිතාවයකින් දින 10 ක් ද, මෙගාවොට් 201 – 257 අතර ධාරිතාවයකින් දින 11 ක් ද, මෙගාවොට් 156 – 199 අතර ධාරිතාවයකින් දින 20 ක් ද ක්‍රියාත්මක වී තිබුණි. මෙම අවස්ථාවක් සඳහා ගල් අඟුරුවල ගුණත්වයේ ගැටළුවක් හේතු වී ඇති බවට සටහනක් නිරීක්ෂණය නොවීය **(ඇමුණුම 79 a)**.

**5.5.4.1.3 2020 – 2025 කාලපරිච්ඡේදය තුළදි බලාගාරයේ ඒකකය අංක 03 විසින් භාවිතා කරන ගල්අඟුරු තොග මත එහි කාර්යසාධනය**

(i) 2020 සිට 2025 දක්වා වූ වර්ෂ 06 ක හෙවත් දින 2,198 ක කාලපරිච්ඡේදය තුළදි ඒකකය අංක 03 දින 1,748 ක් විදුලිය ජනනය කිරීම සඳහා ක්‍රියාත්මක කර තිබූ අතර එම දින 1,748 තුළදී විදුලිය ජනනය කිරීමේදී පරිභෝජනය කරන ලද සාමාන්‍ය ගල් අඟුරු ප්‍රමාණය/අනුපාතය කිලෝවොට් පැය එකකට ගල් අඟුරු ග්‍රෑම් 369 ක් බව අනුව හඳුනාගැනීමට හැකිවිය. සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳිමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා පහත වගුවේ දැක්වේ **(ඇමුණුම 80)**

**වගුව අංක : 21 2020 – 2025 කාලපරිච්ඡේදය තුළදී බලාගාරයේ ඒකකය අංක 03 විසින් භාවිතා කරන ගල්අඟුරු තොග මත එහි කාර්යසාධනය**

| දෛනික සාමාන්‍ය ධාරිතාවය | විවිධ දෛනික සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතයන් (ග්‍රෑම්) යටතේ විදුලි ජනනය කරන ලද දින ගණන | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **< 369** | **369 - 380** | **380 - 390** | **390 - 400** | **400 - 410** | **410 - 420** | **420 - 430** | **>430** | **මුළු දින ගණන** |
| 300>250 | 882 | 438 | 59 | 4 | 0 | 0 | 0 | 0 | 1383 |
| 250>200 | 30 | 94 | 110 | 53 | 6 | 0 | 0 | 2 | 295 |
| 200>150 | 3 | 12 | 9 | 12 | 4 | 0 | 0 | 0 | 40 |
| 150>100 | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 9 |
| 100>50 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 5 |
| 50>0 | 9 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 16 |
| **මුළු දින ගණන** | **928** | **550** | **182** | **71** | **12** | **0** | **1** | **4** | **1748** |

(ii) ඉහත දින 1,748 ක කාලපරිච්ඡේදය තුළදී ඒකකය පණ ගැන්වීමට හෝ වෙනත් ක්‍රියාකාරකම් සඳහා සමහර දිනයන්හිදී ඩිසල් පරිභෝජන කරන ලද අතර ඩිසල් පරිභෝජන කරන ලද දිනයන්දී දෛනික ගල් අඟුරු පරිභෝජන අනුපාතයේ හැසිරීම පහත වගුවේ දැක්වේ.

**වගුව අංක : 22 ඩිසල් පරිභෝජනය කරන ලද දිනයන්හි දී දෛනික ගල් අඟුරු පරිභෝජන අනුපාතයේ හැසිරීම**

| දෛනික සාමාන්‍ය ධාරිතාවය | ඩිසල් භාවිතා කරන ලද දිනයන්හිදී විවිධ දෛනික සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතයන් (ග්‍රෑම්) යටතේ විදුලි ජනනය කරන ලද දින ගණන | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **ඩිසල් මෙ.ටො** | **< 369** | **369 - 380** | **380 - 390** | **390 - 400** | **400 - 410** | **410 - 420** | **420 - 430** | **>430** | **මුළු දින ගණන** |
| 300>250 | 0.02-42.91 | 86 | 50 | 5 | 0 | 0 | 0 | 0 | 0 | 141 |
| 250>200 | 0.02-75.46 | 9 | 12 | 12 | 8 | 0 | 0 | 0 | 0 | 41 |
| 200>150 | 11.30-157.97 | 3 | 5 | 3 | 3 | 1 | 0 | 0 | 0 | 15 |
| 150>100 | 3.82-114.50 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 6 |
| 100>50 | 12.14-172.75 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 5 |
| 50>0 | 5.23-155.18 | 9 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 16 |
| **මුළු දින ගණන** | | **110** | **72** | **23** | **13** | **3** | **0** | **1** | **2** | **224** |

(iii) ඉහත වගු අනුව සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳීමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවීමක් හේතු වී තිබේද යන්න සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවීමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වී තිබේද යන්න පරීක්ෂා කිරීම සඳහා එම කාලපරිච්ඡේදයට අදාළව ඒකකය අංක 03 හි ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එම ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත් පරීක්ෂා කරන ලදී. එම ලෝග් පොත් අනුව එම විචලනයන් සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවීමක් හේතු වී තිබූ බවට හෝ/සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවීමක්

හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වී තිබූ බවට සටහනක් හඳුනාගැනීමට නොහැකි විය.

5.5.4.2 සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳිමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවීමක් හේතු වී තිබේද යන්න සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවීමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වී තිබේද යන්න පරීක්ෂා කිරීම සඳහා 2025 වර්ෂයට අදාළව සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිකව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාවන් පරීක්ෂා කරන ලද අතර එම වාර්තාවල රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන්, ඒ ඒ ඒකක ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන දැක්වේ. ඒ අනුව ඒකකය අංක 03 ට අදාළව 2025 වර්ෂය තුළදී සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳිමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා/ දින 69 ක් අතරින් රාත්‍රී කාර්යබහුල කාලය තුළදී සම්පූර්ණ ධාරිතවය හෝ ඊට වැඩි එනම් මෙගාවොට් 270 හෝ ඊට වැඩි ධාරිතාවයකින් දින 49 ක් ක්‍රියාත්මක වී තිබුණු අතර මෙගාවොට් 267 – 269 අතර ධාරිතාවයකින් දින 09 ක් ද, මෙගාවොට් 222 – 266 අතර ධාරිතාවයකින් දින 07 ක් ද, මෙගාවොට් 147 – 195 අතර ධාරිතාවයකින් දින 04 ක් ද ක්‍රියාත්මක වී තිබුණි. මෙම කිසියම් අවස්ථාවක් සඳහා ගල් අඟුරුවල ගුණත්වයේ ගැටළුවක් හේතු වී ඇති බවට සටහනක් නිරීක්ෂණය නොවීය. **(ඇමුණුම 80 a)**

**5.5.4.2.1 කෙසේ වුවද ඉහත විචලනයන් සඳහා පහත සඳහන් කරුණු හේතු විය හැකි බව ලක්විජය බලාගාරය විසින් විගණනයට ලිඛිතව දන්වා තිබුණි. (ඇමුණුම 81 )**

ඒ අනුව 2020–2025 කාලය තුළ සිදු වූ සිදුවීම් සලකා බැලීමේදී, නිශ්චිත ගල් අඟුරු පරිභෝජන අනුපාතයන් සාමාන්‍ය පරිභෝජන අනුපාතය ඉක්මවා යෑම පිළිබඳ සමස්ත තාක්ෂණික සාධාරණීකරණය හා නිශ්චිත ගල් අඟුරු පරිභෝජන අනුපාතය සඳහා ඒකක තාප අනුපාතය, දහන කාර්යක්ෂමතාව, ටර්බයින ක්‍රියාකාරිත්වය, සහායක විදුලිබල පරිභෝජනය සහ මෙහෙයුම් තත්වයන් මගින් සෘජුවම බලපාන නිශ්චිත ගල් අඟුරු පරිභෝජන අනුපාතය වැඩිවීමට වලංගු ලෙස දායක විය හැකි සාධක ලෙස පහත සඳහන් මෙහෙයුම් සහ උපකරණ ආශ්‍රිත සාධක හඳුනාගෙන තිබුණි.

**අ. ධාරිතාවයෙන් කොටසක් ක්‍රියාත්මක කිරීම**

පහත කරුණු නිසා ශ්‍රේණිගත ධාරිතාවට වඩා අඩුවෙන් උත්පාදන ඒකක ක්‍රියාත්මක කිරීම තාප කාර්යක්ෂමතාව සැලකිය යුතු ලෙස අඩු කරන බව.

i. වාෂ්ප පරාමිතීන් අඩු වීම
ii. ධාරිතාවයෙන් කොටසක් ක්‍රියාත්මක කිරීමකදී ඉහළ තාප අනුපාතය - අඩු ධාරිතාවයකදී අඩු කාර්යක්ෂමතාව
iii. සහායක විදුලිබල ප්‍රතිශතය වැඩි වීම
iv. ප්‍රශස්ත නොවන දහන තත්වයන්

සූර්ය බලය සහ කාර්යබහුල නොවන ඉල්ලුම අඩු වීම හේතුවෙන් ජනනය වන කිලෝවොට් පැයක් සඳහා වැඩි ගල් අඟුරු පරිභෝජනයක් ඇතිකරමින් ධාරිතාවයෙන් කොටසක් ක්‍රියාත්මක කිරීම.

**ආ. වැසි දිනවල තෙත් ගල් අඟුරු භාවිතා කිරීම**

ගල් අඟුරුවල ජල ප්‍රමාණය ඉහළ යාම පහත සඳහන් දෑ සඳහා හේතු වේ:

i. ඵලදායී තාපජනන අගය (GCV) අඩු වීම.
ii. ගුප්ත තාප අලාභ වැඩි වීම.
iii. ඇඹරුම් ඒකකවල ක්‍රියාකාරිත්වය පිරිහීම
iv. ඉහළ ප්‍රාථමික වායු අවශ්‍යතාවය.
v. ගල් අඟුරු බරට ජල ප්‍රමාණය ද එකතු වීම.

මෙය විදුලි නිෂ්පාදනය ඒකකයකට අවශ්‍ය ගල් අඟුරු ස්කන්ධය සෘජුවම වැඩි කරයි.

**ඇ. අධි පීඩන තාපක බයිපාස් කිරීම (Bypassing of High-Pressure Heaters)**

පුනර්ජනනීය චක්‍ර කාර්යක්ෂමතාව සඳහා අධි පීඩන පෝෂක ජල (feedwater) තාපක අත්‍යවශ්‍ය වේ. අධි පීඩන තාපක බයිපාස් කිරීම හේතුවෙන්,

i. බොයිලේරුවට ඇතුළු වන පෝෂක ජල උෂ්ණත්වය අඩු වීම.
ii. බොයිලේරු තාප ආදාන අවශ්‍යතාවය වැඩි වීම.
iii. ටර්බයින් තාප අනුපාතය වැඩි වීම.

මෙය කිලෝවොට් පැයකට අවශ්‍ය වන ග්‍රෑම් ප්‍රමාණය සැලකිය යුතු ලෙස වැඩි කරයි.

**ඈ. ඒකක පණ ගැන්වීම් සහ වසා දැමීම**

ඒකක පණ ගැන්වීම් සහ වසා දැමීම් හේතුවෙන්,

i. ජ්වලනය (ignition) සහ ස්ථායීකරණය අතරතුර ඉහළ ගල් අඟුරු පරිභෝජනය
ii. Oil support firing
iii. තාප චක්‍රීය පාඩු
iv. ධාරිතා සමමුහුර්තකරණය (load synchronization) අතරතුර වාෂ්ප බැහැර කිරීම
v. සහායක විදුලිබල ස්පයික් (Auxiliary power spikes)
vi. කන්ඩෙන්සර් රික්තය ප්‍රශස්ත ලෙස වර්ධනය වී නොවීම

ඒකක පණ ගැන්වීම, පණ ගැන්වීමට පෙර කාල පරිච්ඡේදය, වසා දැමීම සහ වසා දැමීමෙන් පසු කාලය තුළදී, සැලකිය යුතු සහායක වාෂ්ප ප්‍රමාණයක් පරිභෝජනය කරන අතර මෙම වාෂ්ප ද ධාවන ඒකකයෙන් ලබා ගනී. එහි ප්‍රතිඵලයක් ලෙස, මෙය නිශ්චිත ගල් අඟුරු පරිභෝජන අනුපාතයට ද බලපායි.

**ඉ. අළු තැන්පත් වීම හා අළු ඉවත් කිරීම**

තාප හුවමාරු පෘෂ්ඨ මත මළ අළු තැන්පත් වීමට ප්‍රධාන හේතු:

i. තාප හුවමාරු කාර්යක්ෂමතාව අඩු වීම සහ එම නිසා ගල් අඟුරු පරිභෝජන අනුපාතය
ii. ඉහළ දුම් වායු පිටවීමේ උෂ්ණත්වය (තාප හානිය ඉහල යාම)
iii. අධික අතිරික්ත වායු අවශ්‍යතාවය

අළු ඉවත් කරන යන්ත්‍ර ක්‍රියා විරහිත වීම මෙම තත්ත්වය තවත් උග්‍ර කරන අතර ගල් අඟුරු පරිභෝජනය ද ඉහළ යයි.

ඉවත් කිරීමේ පද්ධතියට ද බොයිලේරුවේ වාෂ්ප භාවිතා කරන අතර මෙය ගල් අඟුරු පරිභෝජන අනුපාතය ඉහල යාමට ද හේතු වේ. සාමාන්‍යයෙන් අළු ඉවත් ක්‍රියාවලිය සතියකට තුන් වතාවක් සිදු කෙරේ.

ඊ. **වාෂ්ප කාන්දුවීම්**

වාෂ්ප කාන්දුවීම් සිදුවුවහොත්, අවශ්‍ය අලුත්වැඩියාවන් සිදු කිරීම සඳහා ඒකකය අක්‍රිය කිරීම වඩාත් සුදුසුය. කෙසේ වෙතත්, අක්‍රිය කිරීම සහ ක්‍රියාත්මක කිරීම හේතුවෙන් සිදුවන බලශක්ති හානි පිරිවැය සැලකිල්ලට ගෙන, ඒකකය අවශ්‍ය සියලු ආරක්ෂක පියවරයන් ක්‍රියාත්මක කරන අතරතුර වාෂ්ප කාන්දුවීම් සමඟ ක්‍රියාත්මක වේ. මෙම පිළිවෙත ඒකකයේ සමස්ත කාර්යක්ෂමතාව අඩු කිරීමට ද හේතු වේ.
වාෂ්ප කාන්දුවීම් සහිතව බලාගාරය ක්‍රියාත්මක කිරීම හේතුවෙන්,
i. ඍජු බලශක්ති හානිය
ii. ටර්බයිනයේ කාර්යක්ෂමතාව අඩු වීම
iii. ධාරිතාව පවත්වා ගැනීම සඳහා බොයිලේරුවේ දහන අනුපාතය වැඩි කිරීම.
මෙය ඉහළ නිශ්චිත ගල් අඟුරු පරිභෝජනයකට මග පාදයි.

උ. **කන්ඩෙන්සරය තුළ රික්තකභාවය අඩු වීම**

කන්ඩෙන්සරයේ රික්තයභාවය අඩු වනුයේ,
i. පරිසරය සමඟ සිසිලන ජල උෂ්ණත්වය ඉහළ යාම.
ii. කන්ඩෙන්සර් නල අපිරිසිදු වීම
iii. සංසරණ ජල පොම්පයේ අකාර්යක්ෂමතාව
iv. කන්ඩෙන්සරය තුළට වාතය ඇතුළු වීම
ඉහළ පසුපස පීඩනය ටර්බයින ප්‍රතිදානය අඩු කරන අතර තාප අනුපාතය වැඩි කරයි.

ඌ. **වායු පූර්ව තාපකයේ (APH) කාන්දුවීම් සහ අවහිරතා**

APH කාන්දුවීම් සහ අවහිරතා ඇතිවීමට හේතු වන්නේ,
i. දුම් වායු උෂ්ණත්වය වැඩි වීම
ii. තාප ප්‍රතිසාධනය නැතිවීම
iii. විදුලි පංකා බල පරිභෝජනය වැඩි වීම
iv. දහන වායු උෂ්ණත්වය අඩු කිරීම
v. වායු ප්‍රවාහය අඩු වීම
මෙය බොයිලේරු කාර්යක්ෂමතාව අඩු කරන අතර ගල් අඟුරු පරිභෝජනය වැඩි කරයි.

එ. **දත්ත උපුටා ගැනීමේ ගැටළු**
සාමාන්‍යයෙන්, ගල් අඟුරු පරිභෝජන දත්ත පාලන පද්ධති අතුරුමුහුණතෙන්, ඍජුවම උපුටා ගන්නා බැවින් එම දත්ත නිවැරදි වේ. කෙසේ වෙතත්, බලශක්ති කියවීම් ක්‍රියාකරුවෙකු විසින් මධ්‍යම රාත්‍රී 12:00 ට සටහන් කළ යුතුය. බලශක්ති මීටර විවිධ ස්ථානවල පිහිටා ඇති බැවින්, කියවීම් එකතු කිරීම සඳහා ක්‍රියාකරුට ඒකක අතර ගමන් කිරීමට අවශ්‍ය වේ. එබැවින්, මෙම ක්‍රියා පටිපාටිය වාර්තාගත දත්තවල නිරවද්‍යතාවයට බලපෑ හැකිය.

මෙය ගණනය කරන ලද නිශ්චිත ගල් අඟුරු පරිභෝජන අනුපාතයට අපගමනය වීමට බලපායි.

ඒ. **ඉහත සාධක සාමූහිකව දායක වන්නේ,**

i. තාප අනුපාතය වැඩි වීම.

ii. බොයිලේරු-ටර්බයින චක්‍ර කාර්යක්ෂමතාව අඩු වීම.

iii. සහායක බල පරිභෝජනය වැඩි වීම.

අවසාන වශයෙන්, මෙම බලපෑම් නිශ්චිත ගල් අඟුරු පරිභෝජනයේ වැඩි වීමක් ලෙස පිළිබිඹු වේ.

### 5.5.4.3 2020 – 2025 කාලපරිච්ඡේදය තුළදී බලාගාරයේ ඒ ඒ ඒකකය විසින් භාවිතා කරන ගල්අඟුරු තොගවල කාර්යසාධනය මත බලපෑම් ගණනය කිරීම

ඉහත කාලපරිච්ඡේදය තුළදී ලක්විජය බලාගාරයෙහි සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳීමේදී එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවීමක් හේතු වී තිබේ නම් සහ/හෝ ගල් අඟුරුවල ගුණත්වයේ අඩුවිමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වි තිබේ නම් ඒ මත ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය සහ/හෝ පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ගණනය කිරීම පමණක් මෙම විශේෂ විගණනයේදී සිදු කරනු ලැබීම හේතුවෙන් සහ එම විචලනයන් සඳහා එම කාලපරිච්ඡේදය තුළදී ආනයනය කරන ලද ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවිමක් හේතු වී තිබූ බවට හෝ/සහ ගල් අඟුරුවල ගුණත්වයේ අඩුවිමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වි තිබූ බවට නිරීක්ෂණය නොවූ බැවින් එම ගණනය කිරීම් සිදු නොකරන ලදි.

### 5.5.5 2025 /2026 කාලපරිච්ඡේදයට අදාලව ආනයනය කරන ලද ගල් අඟුරු තොගයන්හි ප්‍රමිතීන් විශ්ලේෂණය කිරීම

5.5.5.1 ඉහත 5,4,3,2,2 xxv ඡේදයෙහි දැක්වෙන පරිදි 2025 /2026 කාලපරිච්ඡේදය සඳහා ගල්අඟුරු මිලියන 1.5 MMT±10% ක් සැපයීමට තෝරා ගන්නා ලද ඉන්දියන් සමාගමක් වන Trident Chemphar Limited සමාගම විසින් 2026 පෙබරවාරි 17 දින වන විට ගල්අඟුරු නැව් 09 ක් බලාගාරය වෙත පහත පරිදි සපයා ඇත.

**වගුව අංක : 23 2025 /2026 වර්ෂය දක්වා ආනයනය කරන ලද ගල්අඟුරු ප්‍රමාණයන්**

| නැව් වාරය | යාත්‍රාවේ නම | ප්‍රමාණය (මෙ.ටො) |
|---|---|---|
| 456 | CEYLON BREEZE | 59,831.701 |
| 457 | GUANGZHOU | 60,639.979 |
| 458 | XIN HONG BAO SHI | 54,242.720 |
| 459 | CEYLON PRINCES | 61,285.905 |
| 460 | UNICORN | 54,074.873 |
| 461 | LEYLA AKSOY | 59,174.664 |

| | | |
|---|---|---|
| 462 | CANON | 56,007.662 |
| 463 | NS GUANGZHOU | 60,320.087 |
| 464 | CEYLON BREEZE | 60,415.173 |

**5.5.5.2 2025/2026 වාරය සඳහා පැටවුම් වරායේ පරීක්ෂක පත්කිරීම**

(i) ඉහත වගුව අංක 12 හි දැක්වෙන් නැව් තොගයන් පිළිබඳව පරාමිතීන් අනුව ඒ ඒ අවස්ථාවන් වලදී සාම්පල පරීක්ෂා කිරීමේ දී පැවති ප්‍රමිතීන් පහතින් දක්වා ඇත. මෙම ප්‍රසම්පාදනයේ දී පැටවුම් වරායේදී (Loading Port) සාම්පල් පරීක්ෂා කිරීම සඳහා ගිවිසුමේ 3.5.1.B වගන්තිය අනුව විකුණුම්කරු වන Trident Chemphar Limited සමාගම විසින් නම් කර ඒවා තිබූ විශ්ලේෂකයන් තිදෙනෙක් අතුරින් Mitra SK South Africa (Pty) Ltd හට පමණක් SANAS (South African National Accreditation System) පරීක්ෂණාගාර පහසුකම් ඇති බව දකුණු අප්‍රිකාවේ ශ්‍රී ලංකා මහා කොමසාරිස් කාර්යාලයෙන් 2025 දෙසැම්බර් 08 දින තහවුරු කරගෙන තිබුණි **(ඇමුණුම 82).** කෙසේ වෙතත් මෙම පරීක්ෂණාගාරය වෙත ගිවිසුමේ 5.3 වගන්තියේ සඳහන් සියලුම පරාමිතීන් සඳහා ප්‍රතීතනතත්වය ආවරණය නොවන බව එනම් අළු අන්තර්ගතය (Ash) සහ වාෂ්පශීලී ද්‍රව්‍ය (Volatile Matter) සඳහා ASTM(American Society for Testing and Materials) තත්වය නොතිබූ බැවින් සියලුම පරාමිතීන් ආවරණය වන පරිදි වෙනත් පරීක්ෂණාගාරයක් නම් කිරීම සම්බන්ධයෙන් ලංකා ගල්අඟුරු සමාගමෙහි සභාපති, ලංකා විදුලි බල මණ්ඩලය, ලක්විජය බලාගාරයේ කලමනාකරණය සහ සැපයුම්කරු යන සියලුම පාර්ශවයන් විසින් එකඟත්වය 2025 දෙසැම්බර් 12 දින පල කර තිබුණි **(ඇමුණුම 83)** ඒ අනුව විකුණුම්කරු වන Trident Chemphar Limited සමාගම විසින් ඉන්දුනීසියානු ආයතනයක් වන PT Mitra SK Analisa Testama Samarinda (Indonesia) යෝජනා කරන ලදුව එහි ප්‍රතීතන තත්ත්වය සම්බන්ධයෙන් ඉන්දුනීසියාවේ ශ්‍රී ලංකා තානාපති කාර්යාලයෙන් 2025 දෙසැම්බර් 12 දින සහතික කර ගැනීමෙන් අනතුරුව මේ සඳහා එම සමාගම තෝරාපත් කර ගැනීමට එදිනම එකඟ වී තිබුණි. **(ඇමුණුම 84)**

(ii) තවදුරටත් සමාගමේ සාමාන්‍යාධිකාරී විසින් 2025 දෙසැම්බර් 23 දින Trident champhar Limited සමාගම වෙත යවන ලද ලිපිය මගින් PT Mitra SK Analisa Testama Samarinda(Indonesia) සමාගමේ ප්‍රතීතන සහතිකය 2025 දෙසැම්බර් 29 දින කල්ඉකුත්වන බවත් අළුත්කරන ලද ප්‍රතීතන සහතිකයක් ඉදිරිපත් නොකිරීම ප්‍රමාණවත් අනුගත නොවීමක් (Material Non Compliance) ලෙස හඳුනාගෙන තිබුණි. **(ඇමුණුම 85)**

**(iii)** ඒ අනුව Trident Chemphar Limited ලක්විජය බලාගාරයේ නිලධාරීන් සහ සමාගමේ කළමනාකාරීත්වය අතර ඇතිවූ මාර්ගගත සාකච්ඡාවට අනුව ගොඩබාන වරායේ පරීක්ෂක වන Cotecna, India සමාගමෙන් අවසාන බැඳීමට යටත්වන වාර්තා ලබාගැනීම මත පදනම්ව පැටවුම් වාරයේ පරීක්ෂණ වාර්තා PT Mitra SK Analisa Testama Samarinda (Indonesia) සමාගමෙන් ලබාගැනීමට කොන්දේසිය සහිත තීන්දුවක් ගෙන තිබුණි**.**

"Subsequent to the online meeting held among Trident, Lakvijaya Power Plant(LVPP) officials, and LCC Management, a conditional decision was

made to proceed with PT Mitra SK Analisa Testama Samarinda(Indonesia) for load port coal testing, strictly on the basis that the final and binding analysis shall be conducted at the discharge port by Cotecna, India."

(iv) තවදුරටත් පහත සඳහන් නියෝගයන් Trident Chemphar Limited වෙත ලබා දී තිබුණි.

(අ) පහත සඳහන් සහතිකද ඇතුලත්ව සියලු සහතික සහ ලේඛන Mitra SK South Africa (Pty) Ltd මගින් පමණක් නිකුත් කල යුතු බව දන්වා ඇත.

- නෞකා බර මිනුම් වාර්තා (Draft Survey Reports)
- බර පිලිබඳ සහතිකය (Certificate of Weight)
- ගල් අඟුරු සාම්පල් වාර්තා (Coal Sampling Reports)
- Hold Clearance සහතිකය
- ආරම්භක රට පිලිබඳ සහතිකය (Certificate of Origin)

(ආ) සියලු ප්‍රමිතීන් හා අනුගත වෙමින් ගල් අඟුරු පරීක්ෂාව Mitra SK Analisa Testama Samarinda(Indonesia) සමාගමෙන් පමණක් සිදුකල යුතු බව.

(ඇ) පහත ලේඛන වහාම ඉදිරිපත් කල යුතු බව

- වලංගු ප්‍රතිතනය අළුත්කරන ලද සහතිකය
- දෙවන සාම්පලය සම්බන්ධ සම්පුර්ණ තොරතුරු
- යවනලද නියැදි සඳහා සම්පුර්ණ සහ අනුගමන වාර්තා

(v) තවද, ගැණුම්කරු විසින් ගොඩබෑමේ වරායේදී මෙම සාම්පල් පරීක්ෂාව සඳහා ඉන්දියානු සමාගමක් වන Cotecna Inspection India (Pvt) Ltd පත් කර තිබුණි. ඒ අනුව 2025/2026 කාලපරිච්ඡේදයට අදාලව පැටවුම් වරායේදී හා ගොඩබෑමේ වරායේදී නිකුත් කරන ලද වාර්තාවන් පිළිබඳව විස්තර පහතින් දැක්වේ.

**වගුව අංක : 24 නැව් අංක 456 - 467 දක්වා කාලපරිච්ඡේය තුල පැටවුම් වරායේදී හා ගොඩබෑමේ වරායේදී නිකුත් කරන ලද වාර්තාවන් පිළිබඳ විස්තර**

| නැව් අංකය | නැව | නොඟුරු පත් දිනය | පැටවුම් වරායේ වාර්තාවෙහි දිනය | වාර්තාව ප්‍රමාද වූ දිනය | නැව වරායට පැමිණි දිනය | ගොඩබෑම සම්පූර්ණ කල දිනය | ගොඩබෑමේ වරායෙහි වාර්තාවෙහි දිනය | ප්‍රමාද වූ දින ගණන |
|---|---|---|---|---|---|---|---|---|
| 456 | Ceylon Breeze | 14-Dec-25 | 31-Dec-25 | 11 | 30-Dec-25 | 4-Jan-26 | 19-Jan-26 | 4 |
| 457 | NS Guangzhou | 21-Dec-25 | 29-Dec-25 | 2 | 4-Jan-26 | 9-Jan-26 | 19-Jan-26 | - |
| 458 | Xin Hong Bao Shi | 31-Dec-25 | 9-Jan-26 | 3 | 16-Jan-26 | 29-Jan-26 | 6-Feb-26 | - |
| 459 | Ceylon Princess | 6-Jan-26 | 19-Jan-26 | 7 | 21-Jan-26 | 31-Jan-26 | 10-Feb-26 | - |
| 460 | Unicorn | 9-Jan-26 | 22-Jan-26 | 7 | 24-Jan-26 | 3-Feb-26 | 14-Feb-26 | - |
| 461 | Leyla Aksoy | 14-Jan-26 | 27-Jan-26 | 7 | 28-Jan-26 | 9-Feb-26 | 19-Feb-26 | - |
| 462 | Conon | 20-Jan-26 | 27-Jan-26 | 1 | 5-Feb-26 | 14-Feb-26 | 24-Feb-26 | - |
| 463 | NS Guangzhou | 26-Jan-26 | 5-Feb-26 | 4 | 13-Feb-26 | 19-Feb-26 | 2-Mar-26 | - |
| 464 | Ceylon Breeze | 29-Jan-26 | 5-Feb-26 | 1 | 13-Feb-26 | 24-Feb-26 | 10-Mar-26 | 3 |
| 465 | Mercury Sky | 1-Feb-26 | 11-Feb-26 | 4 | 16-Feb-26 | 1-Mar-26 | | |
| 466 | Yasa Mars | 14-Feb-26 | 25-Feb-26 | 5 | 1-Mar-26 | | | |
| 467 | Ultra Confidence | 24-Feb-26 | 6-Mar-26 | 4 | | | | |

එම වරායන් දෙකෙහිදී සහ ලක්විජය බලාගාරය විසින් බලාගාරයෙහි රසායනාගාරය තුල සිදුකරන ලද පරීක්ෂාවන් පිළිබඳ තොරතුරු පහතින් දැක්වේ.

**වගුව අංක : 25 දළ තාපජනන අගය (Gross Calorific Value) මත**

**(මිනුම් ඒකකය** kcal/kg)

| නැව් වාරය | **සම්මත අගයන් (ලැබූ පදනම ලෙස)** | **ප්‍රතික්ෂේපිත අගය** | **පැටවුම් වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල** | **ගොඩබාන වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල** | **ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන ලද පරීක්ෂාවේ ප්‍රතිඵල** |
|---|---|---|---|---|---|
| 456 | 6,150 | 5,900 වඩා අඩු | 6,053 | 5,520 | 5,348 |
| 457 | | | 6,193 | 6,017 | 5,420 |
| 458 | | | 5,904 | 5,928 | 4,805 |
| 459 | | | 6,174 | 6,107 | 5,355 |
| 460 | | | 6,162 | 5,951 | 5,265 |
| 461 | | | 6,160 | 5,967 | 5,116 |
| 462 | | | 6,175 | 5,973 | 4,887 |
| 463 | | | 6,158 | 5,964 | 4,582 |
| 464 | | | 6,176 | 5,543 | 4,731 |

**වගුව අංක : 26 මුළු තෙතමනය මිණුම් ඒකකය % wt**

| නැව් වාරය | **සම්මත අගයන් (ලැබූ පදනම ලෙස)** | **ප්‍රතික්ෂේපිත අගය** | **පැටවුම් වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල** | **ගොඩබාන වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල** | **ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන ලද පරීක්ෂාවේ ප්‍රතිඵල** |
|---|---|---|---|---|---|
| 456 | 12.0 හෝ අඩු | 16 වඩා වැඩි | 7.8 | 8.48 | 8.50 |
| 457 | | | 7.04 | 7.94 | 7.79 |
| 458 | | | 7.94 | 8.06 | 7.99 |
| 459 | | | 7.15 | 7.55 | 8.21 |
| 460 | | | 7.20 | 7.55 | 7.71 |
| 461 | | | 8.47 | 8.10 | 6.76 |
| 462 | | | 8.65 | 8.50 | 7.82 |
| 463 | | | 9.03 | 7.84 | 7.51 |
| 464 | | | 7.11 | 8.27 | 6.85 |

වගුව අංක : 27 වාෂ්පශීලී පදාර්ථය (Volatile Matter) - මිණුම් ඒකකය % wt

| නැව් වාරය | සම්මත අගයන් (ලැබූ පදනම ලෙස) | ප්‍රතික්ෂේපිත අගය | පැටවුම් වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ගොඩබාන වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන ලද පරීක්ෂාවේ ප්‍රතිඵල |
|---|---|---|---|---|---|
| 456 | 31 | 22 වඩා අඩු, 39.9 වඩා වැඩි | 25.44 | 21.16 | 22.45 |
| 457 | | | 26.53 | 24.90 | 20.98 |
| 458 | | | 26.10 | 24.54 | 22.21 |
| 459 | | | 26.56 | 26.50 | 23.65 |
| 460 | | | 25.93 | 24.00 | 24.11 |
| 461 | | | 26.13 | 24.42 | 24.06 |
| 462 | | | 25.81 | 24.79 | 24.04 |
| 463 | | | 26.80 | 24.87 | 24.68 |
| 464 | | | 26.13 | 24.21 | 23.94 |

වගුව අංක : 28 ස්ථාවර කාබන් ප්‍රමාණය මිණුම් ඒකකය % wt

| නැව් වාරය | මිනුම් ඒකකය | සම්මත අගයන් (ලැබූ පදනම ලෙස) | ප්‍රතික්ෂේපිත අගය | පැටවුම් වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ගොඩබාන වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන ලද පරීක්ෂාවේ ප්‍රතිඵල |
|---|---|---|---|---|---|---|
| 456 | % wt | 49.5 | - | 56.22 | 49.84 | 49.04 |
| 457 | | | | 55.46 | 51.81 | 49.86 |
| 458 | | | | 53.45 | 51.87 | 44.31 |
| 459 | | | | 53.78 | 50.94 | 46.99 |
| 460 | | | | 53.09 | 52.77 | 46.41 |
| 461 | | | | 51.82 | 51.79 | 46.32 |
| 462 | | | | 52 | 50.99 | 41.05 |
| 463 | | | | 50.86 | 51.61 | 39.92 |
| 464 | | | | 53.10 | 44.42 | 41.87 |

**වගුව අංක : 29 සල්ෆර් ප්‍රමාණය මිණුම් ඒකකය % wt**

| නැව් වාරය | සම්මත අගයන් (ලැබූ පදනම ලෙස) | ප්‍රතික්ෂේපිත අගය | පැටවුම් වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ගොඩබාන වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන ලද පරීක්ෂාවේ ප්‍රතිඵල |
|---|---|---|---|---|---|
| 456 | 0.5 හෝ අඩු | 1 වඩා වැඩි | 0.49 | 0.58 | 0.55 |
| 457 | | | 0.49 | 0.65 | 0.89 |
| 458 | | | 0.49 | 0.56 | 0.73 |
| 459 | | | 0.47 | 0.52 | 0.67 |
| 460 | | | 0.47 | 0.58 | 0.83 |
| 461 | | | 0.43 | 0.54 | 0.59 |
| 462 | | | 0.46 | 0.61 | 0.78 |
| 463 | | | 0.46 | 0.64 | 0.79 |
| 464 | | | 0.46 | 0.69 | 0.90 |

**වගුව අංක : 30 අළු ප්‍රමාණය මිණුම් ඒකකය - % wt**

| නැව් වාරය | සම්මත අගයන් (ලැබූ පදනම ලෙස) | ප්‍රතික්ෂේපිත අගය | පැටවුම් වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ගොඩබාන වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන ලද පරීක්ෂාවේ ප්‍රතිඵල |
|---|---|---|---|---|---|
| 456 | 11.0 හෝ අඩු | 16 වඩා වැඩි | 10.53 | 20.52 | 20.01 |
| 457 | | | 10.97 | 15.35 | 21.38 |
| 458 | | | 12.51 | 15.53 | 25.50 |
| 459 | | | 12.50 | 15.01 | 21.14 |
| 460 | | | 13.78 | 15.68 | 21.76 |
| 461 | | | 13.58 | 15.69 | 21.72 |
| 462 | | | 13.54 | 15.72 | 27.08 |
| 463 | | | 13.31 | 15.68 | 27.90 |
| 464 | | | 11.66 | 22.46 | 27.33 |

වගුව අංක : **31** හාඩ්ග්‍රෝව් ඇඹරුම් හැකියාවේ දර්ශකය (HGI) මිණුම් ඒකකය oH

| නැව් වාරය | **සම්මත අගයන් (ලැබූ පදනම ලෙස)** | **ප්‍රතික්ෂේපිත අගය** | **පැටවුම් වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල** | **ගොඩබාන වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල** | **ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන ලද පරීක්ෂාවේ ප්‍රතිඵල** |
|---|---|---|---|---|---|
| 456 | 50 | වඩා 40 අඩු, 59 වඩා වැඩි | 51 | 58 | පරීක්ෂා කර නොමැත. |
| 457 | | | 52 | 55 | |
| 458 | | | 59 | 58 | |
| 459 | | | 53 | 56 | |
| 460 | | | 56 | 56 | |
| 461 | | | 51 | 56 | |
| 462 | | | 55 | 56 | |
| 463 | | | 54 | 58 | |
| 464 | | | 53 | 56 | |

වගුව අංක : **32 Grain ප්‍රමාණය මිලිමීටර 50 ට වැඩි මිණුම් ඒකකය % w**

| නැව් වාරය | **සම්මත අගයන් (ලැබූ පදනම ලෙස)** | **ප්‍රතික්ෂේපිත අගය** | **පැටවුම් වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල** | **ගොඩබාන වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල** | **ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන ලද පරීක්ෂාවේ ප්‍රතිඵල** |
|---|---|---|---|---|---|
| 456 | 3.0 හෝ අඩු | 5 වඩා වැඩි | 2.5 | 1.44 | පරීක්ෂා කර නොමැත. |
| 457 | | | 2.8 | 1.10 | |
| 458 | | | 1.9 | 1.17 | |
| 459 | | | 1.86 | 1.38 | |
| 460 | | | 1.82 | 0.76 | |
| 461 | | | 1.90 | 0.91 | |
| 462 | | | 1.92 | 0.91 | |
| 463 | | | 2.08 | 0.70 | |
| 464 | | | 1.54 | 0.90 | |

**වගුව අංක : 33 Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු මිණුම් ඒකකය % w**

| නැව් වාරය | සම්මත අගයන් (ලැබූ පදනම ලෙස) | ප්‍රතික්ෂේපිත අගය | පැටවුම් වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ගොඩබෑන වරායේදී සිදුකරන ලද සාම්පල පරීක්ෂාවේ ප්‍රතිඵල | ලක්විජය බලාගාරයේ රසායනාගාරයේදී සිදුකරන ලද පරීක්ෂාවේ ප්‍රතිඵල |
|---|---|---|---|---|---|
| 456 | 22.5 හෝ අඩු | 30 වඩා වැඩි | 22 | 25.10 | පරීක්ෂා කර නොමැත. |
| 457 | | | 22.3 | 24.13 | |
| 458 | | | 21.0 | 24.44 | |
| 459 | | | 17.2 | 24.89 | |
| 460 | | | 20.73 | 24.74 | |
| 461 | | | 18.76 | 24.66 | |
| 462 | | | 18.20 | 23.61 | |
| 463 | | | 19.27 | 24.86 | |
| 464 | | | 18.87 | 25.23 | |

5.5.5.2.3 **ඉහත සඳහන් නැව් වාර 09 තුලදී යම් නැවක ගෙන්වන ලද ගල් අඟුරු නියමිත ප්‍රමිතීන්ට අනුකූල නොවූයේ නම් ඒ සඳහා ගතහැකි පියවර, සහ එලෙස ප්‍රමිතීන්ට අනුකූල නොවීම හේතුවෙන් ඇතිවිය හැකි ප්‍රතිඵලයන්**

2026 ජනවාරි මාසයේ සිට ලක්විජය බලාගාරයෙහි සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය හා සැසඳිමේදී (ගල් අඟුරු නැව් බඩු තොග අංක 407 සිට 455 දක්වා තොගයන්ට අදාළව සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය ගල් අඟුරු ග්‍රෑම් 375 ක් වී තිබුණි.) එම අනුපාතයට වඩා දෛනික ගල් අඟුරු පරිභෝජන අනුපාතය වැඩි වී තිබූ අවස්ථා සඳහා නව ආනයනික ගල් අඟුරු තොගවල ගුණත්වයේ අඩුවීමක් හේතු වී තිබේ නම් සහ/හෝ ගල් අඟුරුවල ගුණත්වයේ අඩුවිමක් හේතුවෙන් මෙගාවොට් 300 ක ධාරිතාවයෙන්ම ඒකකය ක්‍රියාත්මක කිරීමට නොහැකි වී තිබේ නම් ඒ මත ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය සහ/හෝ පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ගණනය කිරීම පමණක් මෙම කොටසේදී සිදු කරනු ලබයි. මෙහිදී පහත ක්‍රමවේදය අනුගමනය කරයි.

(අ) නව අනායනික ගල් අඟුරු තොග ගොඩ බෑමේදී එයින් කොටසක් සෘජුවම බංකරවලට පිරවීම සිදු කරන බැවින් එම පුරවන ගල් අඟුරු භාවිතයෙන් විදුලිය ජනනය කිරීමේ සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය ලබා ගැනීම. (අදාළ නැව් බඩු තොගයේ මුළු ප්‍රමාණයෙන් කුඩා කොටසක් විය හැක.)

(ආ) පද්ධති පාලන අංශයේ ඉල්ලීම මත බලාගාරය පූර්ණ ධාරිතාවයෙන් (මෙගා වොට් 300 ක) ක්‍රියාක්මක කිරීමට අවශ්‍ය වන අවස්ථාවේදී ඉහත පුරවන ලද ගල් අඟුරු තොග භාවිතයෙන් පැයකට දහනයවන ගල් අඟුරු මෙ.ටො ප්‍රමාණය ඉහළයාම නිසා

බලාගාරය මෙගා වොට් 300 ක ධාරිතාවයෙන් ක්‍රියාත්මක කිරීමට නොහැකි වූ අවස්ථාවල බලාගාරය ක්‍රියාත්මක වූ සමාන්‍ය ධාරිතාවය ලබා ගැනීම.

(ඇ) පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වන අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ගණනය කිරීම

i. පළමු විකල්ප අවස්ථාව

පද්ධති පාලන අංශයේ ඉල්ලීම මත බලාගාරය පූර්ණ ධාරිතාවයට වඩා සැලකිය යුතු අඩු අගයකින් බලාගාරය ක්‍රියාක්මක කිරීමට අවශ්‍ය වන අවස්ථාවේදී ඉහත පුරවන ලද ගල් අඟුරු තොග භාවිතයෙන් එම ධාරිතාවය සැපිරිය හැකි විය හැක. සෑම විටම බලාගාරය පූර්ණ ධාරිතාවයෙන් (මෙගා වොට් 300 ක) ක්‍රියාක්මක කිරීමට අවශ්‍ය වන්නේ නම් බලාගාරය පූර්ණ ධාරිතාවයෙන් ක්‍රියාත්මක කිරීමට නොහැකිවීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ගණනය කිරීම **01 වන අවස්ථාව** යටතේ සිදු කරයි.

ii. දෙවන විකල්ප අවස්ථාව

දවල් කාලය තුළදි සූර්ය විදුලිබලය පවතින බැවින් පද්ධති පාලන අංශය විසින් සාමාන්‍ය තත්ත්වයන් යටතේ දෛනිකව පෙ.ව 8.00 සිට ප.ව 4.00 දක්වා කාලය තුළදි බලාගාරය පූර්ණ ධාරිතාවයට වඩා සැලකිය යුතු අඩු අගයකින් බලාගාරය ක්‍රියාක්මක කිරීමට ඉල්ලීම් කරනු ලබන අතර අනෙකුත් කාලය තුළදී බලාගාරය පූර්ණ ධාරිතාවයෙන් ක්‍රියාක්මක කිරීමට ඉල්ලීම් කරනු ලබයි. ඒ අනුව, සෑම දිනකම පැය 16 කාලයක් සඳහා බලාගාරය පූර්ණ ධාරිතාවයෙන් (මෙගා වොට් 300 ක) ක්‍රියාක්මක කිරීමට අවශ්‍ය වන්නේ නම් එම කාලය තුළදී බලාගාරය පූර්ණ ධාරිතාවයෙන් ක්‍රියාත්මක කිරීමට නොහැකිවීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ගණනය කිරීම **02 වන අවස්ථාව** යටතේ සිදු කරයි **(ඇමුණුම 85 a).**

(ඈ) ඉහත ගල් අඟුරු තොග භාවිතයෙන් බලාගාරය පූර්ණ ධාරිතාවයෙන් ක්‍රියාත්මක කිරීමට නොහැකිවීමෙන් ඇති වන අතිරේක බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමේදී එම බලශක්ති අවශ්‍යතාවය විවිධ පිරිවැයන් යටතේ පවතින විවිධ මූලාශ්‍ර මගින් සපුරා ගැනීම පද්ධති පාලන ඒකකය විසින් ඒ ඒ අවස්ථාවේදී ලබා ගත හැකි බලාගාර ධාරිතාවය සහ එහිදි දැරීමට සිදුවන පිරිවැය මත තීරණය කරනු ලබයි. එම නිසා, ඉහත සඳහන් පරිදි ගණනය කරනු ලබන අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය සඳහා දැරීමට සිදු විය හැකි අතිරේක පිරිවැය (ගල් අඟුරු භාවිතයෙන් විදුලිය කිලෝවොට් පැයක් ජනනය කිරීම සඳහා වන පිරිවැය අඩු කිරීමෙන් අනතුරුව දැරීමට සිදු වන පිරිවැය අතිරේක පිරිවැය ලෙස සලකනු ලබයි.) ගණනය කිරීම, ඒ සඳහා වන තථ්‍ය තොරතුරු නොමැති වීම හේතුවෙන් මෙම අවස්ථාවේදී සිදු කරනු නොලබයි.

**(i) පළමු නැව්වාරය තුල ප්‍රමිති පරීක්ෂා කිරීම (නැව් බඩු තොග අංක 456/25-26/12)**

(අ) ඉහත 24, 26, 27, 29, 32 වගු අනුව පරාමිතීන් 5 ක් ගිවිසුමේ සඳහන් සම්මත අගයන් ඉක්මවා තිබූ අතර එයින් පරාමිතීන් 3 ක් එනම් දළ තාපජනන අගය, වාෂ්පශීලී පදාර්ථය සහ අළු ප්‍රතික්ෂේපිත අගයන් තුළ පැවතුනි. ඒ අනුව, පළමු නැව් බඩු තොගයෙන් අයකර ගත හැකි මුළු දඩ මුදල පහත පරිදි රු. මිලියන 644.7 ක් ලෙස ලක්විජය බලාගාරය විසින් ගණනය කර තිබුණි.

**වගුව අංක : 34 ගිවිසුම ප්‍රකාරව දඩ මුදල් ගණනය කිරීම**

| අංකය | පරාමිතිය | විචලනය | දඩ මුදල එ.ජ.ඩො |
|---|---|---|---|
| 1 | දළ තාපජනන අගය | (6150 – 5520) = 630 | 1,189,631.73 |
| 2 | වාෂ්පශීලී පදාර්ථය | (25 - 21.16) = 3.84 | 101,638.41 |
| 3 | සල්ෆර් | (0.58 - 0.5) = 0.08 | 16,306.71 |
| 4 | අළු | (20.52 – 11) = 9.52 | 639,564.40 |
| 5 | Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | (25.1 - 22.5) = 2.6 | 132,492.05 |
| **එකතුව** | | | **2,079,633.30** |
| **රුපියල් වටිනාකම** | | | **644,686,323.83** |

(ආ) 2025/2026 සඳහා සැපයුමෙහි පළමු නැව 2026 ජනවාරි 01 දින සිට 2026 ජනවාරි 06 දින කාලය තුළදී ගොඩබා තිබුණු ගල් අඟුරු තොග ගොඩ බෑමේදී එයින් කොටසක් සෘජුවම බංකරවලට පිරවීම ද සිදු කරන බැවින් මෙම ගල් අඟුරු තොගයෙන් කොටසක් 2026 ජනවාරි 01 සවස සිට 2026 ජනවාරි 05 සවස් කාලය දක්වා එම කාලය තුල ක්‍රියාත්මකව පැවති එකම ඒකකය වන බලාගාර ඒකක අංක 03 හි බංකරවල ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 12,886 පුරවා තිබූ බව ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය මගින් ලබා ගන්නා ලද තොරතුරු අනුව තහවුරු විය **(ඇමුණුම 86)**. එම ගල් අඟුරු මගින් පමණක් 2026 ජනවාරි 02 සිට 2026 ජනවාරි 05 දක්වා ඒකකය අංක 03 ක්‍රියාත්මක කර තිබුණු අතර එම කාලය තුළදී දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර පහත වගුවේ දැක්වේ.

**වගුව අංක : 35 2026 ජනවාරි 02 සිට 2026 ජනවාරි 05 දක්වා කාලය තුල දිනකට ජනනය වන විදුලි ඒකක ප්‍රමාණය**

| දිනය | ඒකකය අංක 03 | | | | |
|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 1-2-2026 | 6,867.99 | 629.64 | 2,738.38 | - | 0.399 |
| 1-3-2026 | 6,571.78 | 611.45 | 2,727.02 | - | 0.415 |
| 1-4-2026 | 6,632.04 | 608.42 | 2,667.14 | - | 0.402 |
| 1-5-2026 | 6,959.15 | 632.82 | 2,759.02 | - | 0.396 |

(ඇ) බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් ඒකකය 03 ට අදාළව නඩත්තු කරනු ලබන ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන් සහ විගණනයේදී නිරීක්ෂණය කල පරිදි ප්‍රධාන පාලන ඒකකයේ පද්ධති රූප සටහන්වල දැක්වෙන තොරතුරු කිහිපයක් පහත වගුවේ දැක්වේ.

**වගුව අංක : 36 ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධ විශේෂිත අවස්ථාවන්**

| දිනය සහ වේලාව | ලොග් සටහන | ඊට සාක්ෂි සපයන පද්ධති රූප සටහන්වල දැක්වෙන තොරතුරු | | | |
|---|---|---|---|---|---|
| | | දිනය සහ වේලාව | පැයකට දහනයවන ගල් අඟුරු මෙ.ටො | ධාරිතවය මෙගා වොට් | කි.වො.පැ එකකට කි.ග් |
| 2026/01/02 පෙ. ව 09.23 | ගල් අඟුරු පරිභෝජනය ඉහළ යෑම හේතුවෙන් මෙගා වොට් 285 ක් දක්වා ධාරිතාවය අඩු කිරීම | 2026/01/02 පෙ. ව 09.21.58 | 119.388 | 287.133 | 0.416 |
| 2026/01/04 ප.ව 02.20 | පද්ධති පාලන අංශය විසින් සම්පූර්ණ ධාරිතාවය ඉල්ලා ඇත. | 2026/01/04 ප.ව 03.19.15 | 116.807 | 277.932 | 0.420 |
| | | 2026/01/05 ප.ව 02.45.43 | 119.150 | 292.297 | 0.407 |

තවද, ඉහත දිනයන්ට අදාළ (ජනවාරි 02 සිට 05 දක්වා) සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාව අනුව රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ 3 වන ඒකකයෙන් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන් එම ඒකකය ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

**වගුව අංක : 37 රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ 3 වන ඒකකයෙන් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් පද්ධතිය ක්‍රියාත්මක වූ ධාරිතාවය (2026 ජනවාරි 02 - ජනවාරි 05)**

| දිනය | විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්) | රාත්‍රී කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්) | සටහන |
|---|---|---|---|
| 2026/01/02 | 270 | 246 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා |

| | | | |
|---|---|---|---|
| | | | වොට් 246 ක් විය. |
| 2026/01/03 | 270 | 254 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 254 ක් විය. |
| 2026/01/04 | 270 | 259 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 259 ක් විය. |
| 2026/01/05 | 270 | 256 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 256 ක් විය. |

**(ඇ) ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය හඳුනාගැනීම**

මෙම තොගයෙහි සාමාන්‍ය පරිභෝජන අනුපාතය කිලෝ වොට් පැයකට ග්‍රෑම් 404 පමණ වන බවත් මෙම ගල් අඟුරු භාවිතයෙන් ඒකකය 03 හි මෙහෙයුම් සිදු කර ඇති කාලය තුළදී විදුලි ජනනය සිදු කරන ලද සාමාන්‍ය ධාරිතාවය මත පදනම්ව මෙගා වොට් 287 පමණ සාමාන්‍ය ධාරිතාවයකින් බලාගාරය ක්‍රියාත්මක කළ හැකි බවත් ලක්විජය බලාගාරය මගින් සනාථ කර තිබූ අතර එම අගය භාවිතයෙන් නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය පහත පරිදි හඳුනා ගත හැකිවේ. **(ඇමුණුම 87)**

වගුව අංක : **38** ආනයනික නව ගල් අඟුරු තොගයෙහි ඇති වූ අධි පරිභෝජනය හා ගණනය කරන ලද අලාභය

| **මෙ.වොා 287 ක ධාරිතාවයකදී පැයකට දහනයවන ගල් අඟුරු මෙ.ටො (සම්මත සාමාන්‍ය අගය)** | **මෙ.වොා 287 ක ධාරිතාවයකදී පැයකට දහනය වූ ගල් අඟුරු මෙ.ටො (සාමාන්‍ය අගය)** | **පැයකට අතිරේකව දහනය වන ගල් අඟුරු මෙ.ටො** | **මෙගා වොට් 287 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන** | **අතිරේකව දහනය වන මුළු ගල් අඟුරු මෙ.ටො** | **ගල් අඟුරු මෙට්ට්‍රික් ටොන් එකක පිරිවැය**<br><br>**රුපියල්** | **ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි ඇස්තමේන්තුගත අලාභය**<br>**රු. මිලියන** |
|---|---|---|---|---|---|---|
| 107.61 | 115.86 | 8.25 | 21.5 | 4,259.34 | 38,385 | 163.5 |

**(ඉ) පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

ඉහත (ඇ) ඡේදයෙහි සඳහන් කර ඇති පරිදි මෙම ගල් අඟුරු භාවිතයෙන් බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය මෙගා වොට් 287 ක පමණ වන්නේ නම් මෙගා වොට් 13 ක අතිරේක බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට සිදු වුවහොත් ඉහත (5.5.4.2.3 ඇ) ඡේදයෙහි සඳහන් අවස්ථාවන් 02 යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය පහත වගුවේ දැක්වේ.

වගුව අංක : **39** වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය

| මෙගා වොට් 287 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | මෙගා වොට් 13 ක ධාරිතාවයක් යටතේ වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට අවශ්‍ය වන බලශක්තිය (කි.වොා.පැ) | |
|---|---|---|
| | 01 වන අවස්ථාව | 02 වන අවස්ථාව |
| 21.5 | 6,727,148 | 4,484,765 |

සැ.යු - වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ඉහත වගුවේ සඳහන් වන අතර එය තත්‍ය වශයෙන්ම බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය හා ඒ අනුව ඇතිවන බලශක්ති හිඟය අනුව වෙනස් විය හැකිය.

(ii) **දෙවන නැව්වාරය තුල ප්‍රමිති පරීක්ෂා කිරීම - (නැව් බඩු තොග අංක 457/25-26/13)**

(අ) ඉහත වගු අංක 24, 26, 27, 29, 32 අනුව පරාමිතීන් 5 ක් ගිවිසුමේ සඳහන් සම්මත අගයන් ඉක්මවා පැවතුනි. ඒ අනුව දෙවන නැව් බඩු තොගයෙන් අයකර ගත හැකි මුළු දඩ මුදල රු. මිලියන 135.3 ක් වේ.

**වගුව අංක 40 පරාමිතීන්වල විචලනයන් පැවති අතර ඊට අදාළ ගිවිසුම ප්‍රකාර දඩ මුදල් ගණනය කිරීම**

| අංකය | පරාමිතිය | විචලනය | දඩ මුදල එ.ජ.ඩො |
|---|---|---|---|
| 1 | දළ තාපජනන අගය | (6150 – 6017) = 133 | 139,614.56 |
| 2 | වාෂ්පශීලී පදාර්ථය | (25 - 24.9) = 0.1 | 2,065.88 |
| 3 | සල්ෆර් | (0.65 - 0.5) = 0.15 | 30,988.13 |
| 4 | අළු | (15.35 – 11) = 4.35 | 179,731.17 |
| 5 | Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | (24.13 - 22.5) = 1.63 | 84,184.43 |
| **එකතුව** | | | **436,584.16** |
| **රුපියල් වටිනාකම** | | | **135,341,090.41** |

(ආ) තවද දෙවන නැව ලෙස ලංකාවට පැමිණි ඉහත ගල් අඟුරු නැව් තොගය 2026 ජනවාරි 05 දින සිට 2026 ජනවාරි 09 දින කාලය තුළදී ගොඩබා තිබුණි. ගල් අඟුරු තොග ගොඩ බැමේදී එයින් කොටසක් සෘජුවම බංකරවලට පිරවීම ද සිදු කරන බැවින් මෙම ගල් අඟුරු තොගයෙන් කොටසක් 2026 ජනවාරි 05 රාත්‍රියේ සිට 2026 ජනවාරි 08 රාත්‍රිය දක්වා එම අවස්ථාවේ දී ක්‍රියාත්මකව පැවති ඒකක අංක 03 හි බංකරවල ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 9,527 ක් පමණ පුරවන ලද බව ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය මගින් ලබා ගන්නා ලද තොරතුරු අනුව තහවුරු විය. **(ඇමුණුම 86)** එම ගල් අඟුරු මගින් පමණක් 2026 ජනවාරි 06 දින සිට 2026 ජනවාරි 08 දක්වා ඒකකය අංක 03 ක්‍රියාත්මක කර තිබුණි. එම කාලය තුළදී දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර පහතින් දක්වා ඇත.

**වගුව අංක : 41 2026 ජනවාරි 06 දින සිට 2026 ජනවාරි 08 දින දක්වා කාලය තුල පරිභෝජනය කරන ලද ගල්අඟුරු ප්‍රමාණය**

| දිනය | ඒකකය අංක 03 | | | | |
|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වොපැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වොපැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වොපැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 1-6-2026 | 6,958.26 | 646.64 | 2,746.51 | - | 0.395 |
| 1-7-2026 | 7,052.23 | 654.43 | 2,760.14 | - | 0.391 |
| 1-8-2026 | 6,963.46 | 651.46 | 2,714.50 | - | 0.390 |

ඒ අනුව ඉහත 5.5.3.1 ඡේදයෙහි දක්වා ඇති ග්‍රෑම් 375 හා සලකා බලන විට මෙම කාලය තුළදී ගල් අඟුරු තොගවල පරිභෝජන අනුපාතයේ සාමාන්‍ය අගය ග්‍රෑම් 392 පමණ වී තිබුණි.

(ඇ) ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව ප්‍රධාන පාලන ඒකකයේ පද්ධති රූප සටහන්වල දැක්වෙන තොරතුරු කිහිපයක් පහත වගුවේ දැක්වේ.

**වගුව අංක : 42 ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධ විශේෂිත අවස්ථාවන්**

| දිනය සහ වේලාව | පැයකට දහනයවන ගල් අඟුරු මේ.ටො | ධාරිතාවය මෙගා වොට් | කි.වො.පැ එකකට කි.ග්‍රෑ |
|---|---|---|---|
| 2026/01/06 පෙ. ව 06.00.53 | 117.705 | 299.713 | 0.392 |
| 2026/01/06 පෙ.ව 10.11.21 | 116.042 | 286.035 | 0.406 |

ඉහත වගුව අනුව, මෙම නව ගල් අඟුරු තොගවලින් විදුලි කිලෝ වොට් පැය එකක් ජනනය කිරීම සඳහා වන ගල් අඟුරු තොගවල පරිභෝජන අනුපාතයේ සාමාන්‍ය අගය වන ග්‍රෑම් 392 ඉක්මවා ඇත.

තවද, ඉහත දිනයන්ට අදාළ (ජනවාරි 06 සිට 08 දක්වා) සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාව අනුව රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ 3 වන ඒකකයෙන් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන් එම ඒකකය ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

වගුව අංක 43 **රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ 3 වන ඒකකයෙන් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් පද්ධතිය ක්‍රියාත්මක වූ ධාරිතාවය - (ජනවාරි 06 සිට 08 දක්වා)**

| දිනය | විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්) | රාත්‍රී කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්) | සටහන |
|---|---|---|---|
| 2026/01/06 | 270 | 262 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 262 ක් විය. |
| 2026/01/07 | 270 | 267 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 267 ක් විය. |
| 2026/01/08 | 270 | 254 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 254 ක් විය. |

**(ඇ) ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය හඳුනාගැනීම**

මෙම තොගයෙහි සාමාන්‍ය පරිභෝජන අනුපාතය කිලෝ වොට් පැයකට ග්‍රෑම් 391 පමණ වන බවත් මෙම ගල් අඟුරු භාවිතයෙන් ඒකකය 03 හි මෙහෙයුම් සිදු කර ඇති කාලය තුළදී විදුලි ජනනය සිදු කරන ලද සාමාන්‍ය ධාරිතාවය මත පදනම්ව මෙගා වොට් 292 ක සාමාන්‍ය ධාරිතාවයකින් පමණ බලාගාරය ක්‍රියාත්මක කළ හැකි බවත් ලක්විජය බලාගාරය මගින් සනාථ කර තිබූ අතර එම අගය භාවිතයෙන් නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය පහත පරිදි හඳුනා ගත හැක **(ඇමුණුම 87).**

**වගුව අංක : 44 අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය**

| මෙ.වො 292 ක ධාරිතාවයක දී පැයකට දහනය වන ගල් අඟුරු මෙ.ටො (සම්මත සාමාන්‍ය අගය) | මෙ.වො 292 ක ධාරිතාවයක දී පැයකට දහනය වූ ගල් අඟුරු මෙ.ටො (සාමාන්‍ය අගය) | පැයකට අතිරේක ව දහනය වන ගල් අඟුරු මෙ.ටො | මෙගා වොට් 292 ක ධාරිතාවය ක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | අතිරේක ව දහනය වන මුළු ගල් අඟුරු මෙ.ටො | ගල් අඟුරු මෙට්‍රික් ටොන් එකක පිරිවැය රු. | ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි ඇස්තමේන්තුගත අලාභය රු. මිලියන |
|---|---|---|---|---|---|---|
| 109.52 | 114.09 | 4.56 | 22.1 | 2,425.43 | 39,003 | 94.6 |

**(ඉ) පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

ඉහත සඳහන් කර ඇති පරිදි මෙම ගල් අඟුරු භාවිතයෙන් බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය මෙගා වොට් 292 ක පමණ වන්නේ නම් මෙගා වොට් 08 ක ඉතිරි බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට සිදු වුවහොත් ඉහත (5.5.4.2.3 ඇ) ඡේදයෙහි සඳහන් අවස්ථාවන් 02 යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය පහත වගුවේ දැක්වේ.

**වගුව අංක : 45 වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

| මෙගා වොට් 292 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | මෙගා වොට් 08 ක ධාරිතාවයක් යටතේ වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට අවශ්‍ය වන බලශක්තිය (කි.වො.පැ) | |
|---|---|---|
| | 01 වන අවස්ථාව | 02 වන අවස්ථාව |
| 22.1 | 4,219,806 | 2,813,204 |

**සැ.යු - වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ඉහත වගුවේ සඳහන් වන අතර එය තත්‍ය වශයෙන්ම බලාගාරය ක්‍රියත්මක කළ හැකි ධාරිතාවය හා ඒ අනුව ඇතිවන බලශක්ති හිඟය අනුව වෙනස් විය හැකිය.**

**iii. තෙවන නැව්වාරය තුල ප්‍රමිති පරීක්ෂා කිරීම - (නැව් බඩු තොග අංක 458/25-26/14)**

(අ) ඉහත 24, 26, 28,29, 32 වගු අනුව පරාමිතීන් 5 ක් ගිවිසුමේ සඳහන් සම්මත අගයන් ඉක්මවා තිබුණු අතර, තෙවන නැව් බඩු තොගයෙන් අයකර ගත හැකි මුළු දඩ මුදල පහත පරිදි රු. මිලියන 150.4 ක් ලෙස ලක්විජය බලාගාරය විසින් ගණනය කර තිබුණි.

**වගුව අංක : 46 පරාමිතීන් හි සම්මත අගයන් ඉක්මවීම හේතුවෙන් අයකළ හැකි දඩමුදල**

| අංකය | පරාමිතිය | විචලනය | දඩ මුදල එ.ජ.ඩො |
|---|---|---|---|
| 1 | දළ තාපජනන අගය | (6150 – 5928) = 222 | 208,456.02 |
| 2 | වාෂ්පශීලී පදාර්ථය | (25 - 24.54) = 0.46 | 8,500.50 |
| 3 | සල්ෆර් | (0.56 - 0.5) = 0.06 | 11,087.61 |
| 4 | අළු | (15.53 – 11) = 4.53 | 167,422.86 |
| 5 | Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | (24.44 - 22.5) = 1.94 | 89,624.82 |
| **එකතුව** | | | **485,091.81** |
| **රුපියල් වටිනාකම** | | | **150,378,462.41** |

(ආ) 2026 ජනවාරි 20 වන දින සිට 2026 ජනවාරි 29 වන දින දක්වා කාලය තුළදී ගොඩබාන ලද ගල් අඟුරු තොගයෙන් කොටසක් එනම් ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 13,803 ක් පමණ 2026 ජනවාරි 20 පෙරවරුවේ සිට 2026 ජනවාරි 21 පෙරවරුව දක්වා ඒකක 03 හිම බංකරවලට පුරවා තිබූ බව ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය මගින් ලබා ගන්නා ලද තොරතුරු අනුව තහවුරු විය. **(ඇමුණුම 86)** ඒ අනුව, 2026 ජනවාරි 20 දින සිට 2026 ජනවාරි 21 දක්වා ඒකක 03 ම ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර පහත වගුවේ දැක්වේ.

**වගුව අංක : 47 2026 ජනවාරි 20 දින සිට 2026 ජනවාරි 21 දක්වා ඒකක 03 ම ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන්**

| දිනය | ඒකකය අංක 01 | | | | | ඒකකය අංක 02 | | | | | ඒකකය අංක 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 1-20-2026 | 6,618.56 | 620.15 | 2,660.06 | - | 0.402 | 6,432.19 | 568.99 | 2,411.59 | - | 0.375 | 6,391.19 | 617.92 | 2,429.11 | - | 0.380 |
| 1-21-2026 | 6,051.72 | 640.51 | 2,750.40 | - | 0.454 | 5,938.91 | 553.98 | 2,606.23 | - | 0.439 | 6,011.20 | 594.10 | 2,617.46 | - | 0.435 |

(ඇ) බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එක් එක් ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන් පහත වගුවේ දැක්වේ.

**වගුව අංක : 48 බලාගාරය එක් එක් ඒකකයට අදාලව නඩත්තු කරන ලද ලොග් පොත අනුව හඳුනාගන්නා ලද විශේෂිත අවස්ථාවන්**

| ඒකකය 03 | | ඒකකය 02 | | ඒකකය 01 | |
|---|---|---|---|---|---|
| දිනය සහ වේලාව | සටහන | දිනය සහ වේලාව | සටහන | දිනය සහ වේලාව | සටහන |
| 2026/01/20 ප. ව 01.50 | පද්ධති පාලන අංශය විසින් සම්පූර්ණ ධාරිතාවය ඉල්ලා ඇත. | 2026/01/20 ප.ව 09.09 | පැයට ටොන් 118 ක් දක්වා ගල් අඟුරු අනුපාතය වැඩි වීම හේතුවෙන් මෙගා වොට් 290 ක් දක්වා ධාරිතාවය අඩු කිරීම. පද්ධති පාලන අංශයට තත්ත්වය දැනුම් දෙන ලදි. | 2026/01/21 පෙ.ව 02.30 | ගල් අඟුරු අනුපාතය පැයට ටොන් 117 ක් වීම හේතුවෙන් මෙගා වොට් 255 කට ඒකකය ක්‍රියාත්මක කිරීම. |
| 2026/01/20 ප. ව 06.00 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 295 ක් දක්වා ධාරිතාවය අඩු කිරීම. | 2026/01/20 ප.ව 09.49 | ගල් අඟුරු අනුපාතය පැයට ටොන් 113 ක් වූ බැවින් මෙගා වොට් 292 ක් දක්වා ධාරිතාවය වැඩි කිරීම. | 2026/01/21 පෙ.ව 10.00 | නව ගල් අඟුරු තොග පිරවීමත් සමඟ වාෂ්ප උෂ්ණත්වය අසාමාන්‍ය ලෙස වැඩි වීම නිරීක්ෂණය කරන ලදි. |
| 2026/01/20 ප.ව 07.24 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 290 ක් දක්වා ධාරිතාවය අඩු කිරීම . | 2026/01/20 ප.ව 10.23 | පැයට ටොන් 120 ක් දක්වා ගල් අඟුරු අනුපාතය වැඩි වීම හේතුවෙන් මෙගා වොට් 285 ක් දක්වා ධාරිතාවය අඩු කිරීම. | 2026/01/21 මධ්‍යහන 12.00 | නව ගල් අඟුරු තොග පිරවීමත් සමඟ SH සහ RH උෂ්ණත්වය අසාමාන්‍ය ලෙස වැඩි වීම. |
| 2026/01/20 ප.ව 09.01 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 285 ක් දක්වා | 2026/01/20 ප.ව 10.52 | පැයට ටොන් 119 ක් දක්වා ගල් අඟුරු අනුපාතය වැඩි වීම හේතුවෙන් මෙගා වොට් 280 ක් දක්වා ධාරිතාවය අඩු කිරීම. | 2026/01/21 ප.ව 03.00 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් වීම හේතුවෙන් මෙගා වොට් 256 ක් දක්වා ඒකකය ක්‍රියාත්මක කිරීම. |

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|---|---|---|---|---|---|
| | ධාරිතාවය අඩු කිරීම. | | | | |
| 2026/01/20 ප.ව 11.04 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 275 ක් දක්වා ධාරිතාවය අඩු කිරීම. | 2026/01/20 ප.ව 11.05 | පැයට ටොන් 118 ක් දක්වා ගල් අඟුරු අනුපාතය වැඩි වීම හේතුවෙන් මෙගා වොට් 275 ක් දක්වා ධාරිතාවය අඩු කිරීම. පද්ධති පාලන අංශයට තත්ත්වය දැනුම් දෙන ලදි. | | |
| 2026/01/21 ප.ව 2.16 | පද්ධති පාලන අංශය විසින් මෙගා වොට් 300 ක ධාරිතාවය ඉල්ලා ඇත. | 2026/01/21 ප.ව 02.59 | ධාරිතාව මෙගා වොට් 230 වුවත් ගල් අඟුරු අනුපාතය පැයට ටොන් 100 ට වැඩි වීම සහ එක් එක් ඇඹරුම්හල්වල ගල් අඟුරු අනුපාතය පැයට ටොන් 25 ට වැඩි වීම. | | |
| 2026/01/21 ප.ව 2.35 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 250 දී ධාරිතාවය වැඩි කිරීම නවතා ඇත. | 2026/01/21 ප.ව 09.39 | GCV ඉහළ අගයක් ඇති පෙර ගෙන්වන ලද කාණ්ඩයකින් ගල් අඟුරු පුරවන බැවින් හෙට දිනයේ සවස උපරිම ලබා ගැනීමේ හැකියාව මෙගා වොට් 300 ක් බව පද්ධති පාලන අංශයට දැනුම් දෙන ලදි. | | |
| 2026/01/21 ප.ව 2.40 | පද්ධති පාලන අංශයට තත්ත්වය දැනුම් දෙන ලදි. | | | | |

(ඇ) ඉහත ලොග් පොත් සටහන් සම්බන්ධව සාක්ෂි සපයන ප්‍රධාන පාලන ඒකකයේ පද්ධති රූප සටහන්වල දැක්වෙන තොරතුරු කිහිපයක් පහත වගුවේ දැක්වේ.

**වගුව අංක : 49 තුන්වන නැව් තොගයට අදාලව ප්‍රධාන පාලන ඒකකයෙන් ලබා ගන්නා ලද තොරතුරු**

| ඒකකය අංක 02 | | | | ඒකකය අංක 03 | | | |
|---|---|---|---|---|---|---|---|
| දිනය සහ වේලාව | පැයකට දහනයවන ගල් අඟුරු මෙ.ටො | ධාරිතවය මෙගා වොට් | කි.වො.පැ එකකට කි.ග් | දිනය සහ වේලාව | පැයකට දහනයවන ගල් අඟුරු මෙ.ටො | ධාරිතවය මෙගා වොට් | කි.වො.පැ එකකට කි.ග් |
| 20-01-26 ප.ව 09.07.02 | 117.617 | 299.081 | 0.393 | 20-01-26 ප. ව 01.47.26 | 70.179 | 180.895 | 0.388 |
| 20-01-26 ප. ව 09.41.36 | 116.024 | 291.061 | 0.399 | 20-01-26 ප.ව 06.28.53 | 115.291 | 295.208 | 0.391 |
| 20-01-26 ප.ව 10.22.34 | 119.358 | 287.82 | 0.415 | 20-01-26 ප.ව 07.19.24 | 116.628 | 295.016 | 0.395 |
| 20-01-26 ප.ව 10.41.16 | 117.031 | 285.54 | 0.410 | 20-01-26 ප.ව 09.07.39 | 117.045 | 284.304 | 0.412 |
| 21-01-26 පෙ.ව 03.39.54 | 117.127 | 275.048 | 0.426 | 20-01-26 ප.ව 11.03.07 | 116.884 | 279.196 | 0.419 |
| 21-01-26 ප.ව 3.00.23 | 101.165 | 221.16 | 0.457 | 21-01-26 පෙ.ව 12.58.35 | 117.887 | 275.543 | 0.428 |
| 21-01-26 ප.ව 4.33.53 | 115.227 | 261.7 | 0.440 | | | | |
| 21-01-26 ප.ව 4.47.55 | 116.99 | 264.639 | 0.442 | | | | |

තුන්වන නැවෙන් ගොඩබාන ලද ගල් අඟුරු තොගයෙහි කිලෝ වොට් පැය 1 ක් ලබා ගැනීම සඳහා දහනය කරන ලද ගල්අඟුරු ප්‍රමාණයන් ඉහත වගුවෙන් දක්වා ඇත.

තවද, ඉහත දිනයන්ට අදාළ (ජනවාරි 20 සිට 21 දක්වා) සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාව අනුව රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන් එක් එක් ඒකකය ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

වගුව අංක : **50** **රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයන් - (ජනවාරි 20 සිට 21 දක්වා)**

| දිනය | ඒකකය | විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්) | රාත්‍රී කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්) | සටහන |
|---|---|---|---|---|
| 2026/01/20 | 01 | 270 | 250 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 250 ක් විය./ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 265 | - |
| 2026/01/21 | 01 | 270 | 240 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 240 ක් විය. |
| | 02 | | 239 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 239 ක් විය. |
| | 03 | | 236 | ගල් අඟුරුවල ගුණාත්මක බව පිළිබඳ ගැටළුවක් හේතුවෙන් රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 236 ක් විය. |

(ඉ) **ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය හඳුනාගැනීම**

ඉහත පරිදි බංකරවල පුරවා තිබුණු ආසන්න වශයෙන් මෙට්‍රික් ටොන් 13,803 ක ප්‍රමාණයෙන් සාමාන්‍ය පරිභෝජන අනුපාතය කිලෝ වොට් පැයකට ග්‍රෑම් 444 ක් පමණ වන බවත් මෙම ගල් අඟුරු භාවිතයෙන් එක් එක් ඒකකය මෙහෙයුම් සිදු කර ඇති කාලය මත පදනම්ව මෙගා වොට් 261 ක පමණ සාමාන්‍ය ධාරිතාවයකින් බලාගාරය ක්‍රියාත්මක කළ හැකිව තිබූ බවත් ලක්විජය බලාගාරය මගින් සනාථ කර තිබූ අතර එම අගයන් භාවිතයෙන් නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු වන අලාභය පහත පරිදි හඳුනා ගත හැක **(ඇමුණුම 87).**

**වගුව අංක : 51 ආනයනික නව ගල් අඟුරු තොගයෙහි ඇති වූ අධි පරිභෝජනය හා ගණනය කරන ලද අලාභය**

| **මෙ.වො 261 ක ධාරිතාවයකදී පැයකට දහනය වන ගල් අඟුරු මෙ.ටො (සම්මත සාමාන්‍ය අගය)** | **මෙ.වො 261 ක ධාරිතාවයකදී පැයකට දහනය වූ ගල් අඟුරු මෙ.ටො (සාමාන්‍ය අගය)** | **පැයකට අතිරේකව දහනය වන ගල් අඟුරු මෙ.ටො** | **මෙගා වොට් 261 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන** | **අතිරේකව දහනය වන මුළු ගල් අඟුරු මෙ.ටො** | **ගල් අඟුරු මෙට්ට්‍රික් ටොන් ඒකක පිරිවැය රු.** | **ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි ඇස්තමේන්තුගත අලාභය රු. මිලියන** |
|---|---|---|---|---|---|---|
| 97.78 | 115.65 | 17.87 | 19.5 | 8,379.95 | 37,072 | 310.7 |

**(ඊ) පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

ඉහත සඳහන් කර ඇති පරිදි මෙම ගල් අඟුරු තොගය භාවිතයෙන් බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය මෙගා වොට් 261 ක් පමණ වන්නේ නම් මෙගා වොට් 28 ක ඉතිරි බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට සිදු වුවහොත් ඉහත (5.5.5.2.3 ඇ) ඡේදයෙහි සඳහන් අවස්ථාවන් 02 යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය පහත වගුවේ දැක්වේ.

**වගුව අංක : 52** **වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

| මෙගා වොට් 261 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | මෙගා වොට් 39 ක ධාරිතාවයක් යටතේ වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට අවශ්‍ය වන බලශක්තිය (කි.වොැ.පැ) | |
|---|---|---|
| | 01 වන අවස්ථාව | 02 වන අවස්ථාව |
| 19.5 | 18,406,723 | 12,271,148 |

**සැ.යු -** වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ඉහත වගුවේ සඳහන් වන අතර එය තත්‍ය වශයෙන්ම බලාගාරය ක්‍රියත්මක කළ හැකි ධාරිතාවය හා ඒ අනුව ඇතිවන බලශක්ති හිඟය අනුව වෙනස් විය හැකිය.

**iv. සිව්වන නැව්වාරය තුල ප්‍රමිති පරීක්ෂා කිරීම - (නැව් බඩු තොග අංක 459/25-26/15)**

(අ) ඉහත 24, 28,29,32 වගු අනුව පරාමිතීන් 4 ක් ගිවිසුමේ සඳහන් සම්මත අගයන් ඉක්මවා තිබුණු අතර, සිව්වන නැව් බඩු තොගයෙන් අයකර ගත හැකි මුළු දඩ මුදල පහත පරිදි රු. මිලියන 107.07 ක් ලෙස ලක්විජය බලාගාරය විසින් ගණනය කර තිබුණි.

**වගුව අංක : 53 පරාමිතීන් හි සම්මත අගයන් ඉක්මවීම හේතුවෙන් අයකළ හැකි දඩමුදල**

| **අංකය** | **පරාමිතිය** | විචලනය | දඩ මුදල එ.ජ.ඩො |
|---|---|---|---|
| 1 | දළ තාපජනන අගය | (6150 – 6107) = 43 | 46,075.38 |
| 2 | සල්ෆර් | (0.52 - 0.5) = 0.02 | 4,217.50 |
| 3 | අළු | (15.01 – 11) = 4.01 | 169,121.94 |
| 4 | Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | (24.89 - 22.5) = 2.39 | 125,997.96 |
| **එකතුව** | | | **345,412.78** |
| **රුපියල් වටිනාකම** | | | **107,077,962.87** |

(ආ) 2026 ජනවාරි 26 වන දින සිට 2026 ජනවාරි 31 වන දින දක්වා කාල පරිච්ඡේදය තුළදී ගොඩබාන ලද ගල් අඟුරු තොගයෙන් ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 10,454 ක් පමණ ප්‍රමාණයක් 2026 ජනවාරි 26 ප.ව 10 සිට 2026 ජනවාරි 27 ප.ව 8.15 දක්වා වාර දෙකකදී ඒකක 03 හිම බංකරවලට පුරවා තිබූ බව ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය මගින් ලබා ගන්නා ලද තොරතුරු අනුව තහවුරු විය. **(ඇමුණුම 86)** ඒ අනුව මෙම අවස්ථාවේ දී ඒකක 03 ම ක්‍රියාත්මක වීමෙන් දිනකට

ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර පහත වගුවේ දැක්වේ.

**වගුව අංක : 54 ඒකක 03 ම ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර**

| දිනය | ඒකකය අංක 01 | | | | | ඒකකය අංක 02 | | | | | ඒකකය අංක 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩිසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩිසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩිසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 1-27-2026 | 6,582.49 | 665.89 | 2,663.69 | - | 0.405 | 6,396.13 | 613.33 | 2,441.88 | - | 0.382 | 6,413.97 | 620.67 | 2,447.45 | - | 0.382 |
| 1-28-2026 | 6,652.39 | 665.10 | 2,702.83 | - | 0.406 | 6,520.28 | 646.73 | 2,470.80 | - | 0.379 | 6,422.40 | 621.37 | 2,455.32 | 320.19 | 0.382 |

(ඇ) බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එක් එක් ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන් පහත වගුවේ දැක්වේ.

**වගුව අංක : 55 බලාගාරය එක් එක් ඒකකයට අදාලව නඩත්තු කරන ලද ලොග් පොත අනුව හඳුනාගන්නා ලද විශේෂිත අවස්ථාවන්**

| ඒකකය 03 | | ඒකකය 02 | | ඒකකය 01 | |
|---|---|---|---|---|---|
| දිනය සහ වේලාව | සටහන | දිනය සහ වේලාව | සටහන | දිනය සහ වේලාව | සටහන |
| 2026/01/27 පෙ. ව 07.20 | පැයට ටොන් 116 කට වැඩි ගල් අඟුරු අනුපාතයක් නිරීක්ෂණය විය.SIC හි ප්‍රධාන ඉංජිනේරුගේ උපදෙස් අනුව පැයට ටොන් 115 කට ගල් අඟුරු අනුපාතය ගැලපීම සඳහා මෙගා වොට් 2 කින් ධාරිතාවය අඩු කිරීම. | 2026/01/27 ප.ව 01.59 | පද්ධති පාලන අංශය විසින් මුළු ධාරිතාවය ඉල්ලා ඇත. නව දකුණු අප්‍රිකා ගල් අඟුරු හේතුවෙන් ලබා ගත හැකි උපරිම ධාරිතාවය මෙගා වොට් 290 ක් බව පද්ධති පාලන අංශය දැනුම් දෙන ලදි. | 2026/01/27 පෙ.ව 07.10 | පැයට ටොන් 120 ක ඉහළ ගල් අඟුරු අනුපාතයක් නිරීක්ෂණය විය. SIC හි ප්‍රධාන ඉංජිනේරුගේ උපදෙස් අනුව පැයට ටොන් 115 කට ගල් අඟුරු අනුපාතය ගැලපීම සඳහා මෙගා වොට් 290 දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/01/28 පෙ. ව 04.53 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් වීමෙන් මෙගා වොට් 293 ක් යටතේ ධාරිතාවය පවත්වා ගැනීම. | 2026/01/27 ප.ව 10.40 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් ඉක්මවීම නිසා මුළු ධාරිතාවය මෙගා වොට් 01 කින් අඩු කිරීම. | 2026/01/27 ප.ව 03.43 | MPa 14.4 ක සහ පැයට ටොන් 117 ක ගල් අඟුරු අනුපාතය සමඟ උපරිම ධාරිතාවය මෙගා වොට් 298 කට ළඟා වී ඇත. 15 වන නැව් බඩු තොගයෙන් ගල් අඟුරු පුරවා ඇත. |
| 2026/01/28 | ගල් අඟුරු | 2026/01/28 | ගල් අඟුරු අනුපාතය | 2026/01/27 | ඒකකයේ ධාරිතාවය මෙගා |

| | | | | | |
|---|---|---|---|---|---|
| පෙ. ව 06.01 | අනුපාතය පැයට ටොන් 116 ක පවත්වා ගැනීම සඳහා මෙගා වොට් 285 දක්වා ධාරිතාවය තවදුරටත් අඩු කිරීම. | පෙ.ව 00.19 | පැයට ටොන් 116 ක් යටතේ මෙගා වොට් 300 ක ධාරිතාවයෙන් ඒකකය ක්‍රියාත්මක කිරීම. | ප.ව 08.15 | වොට් 285 සිට මෙගා වොට් 280 දක්වා අඩු කර ඇත. |
| | | 2026/01/28 පෙ.ව 04.05 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් ඉක්මවීම නිසා ධාරිතාවය මෙගා වොට් 296 ක් දක්වා අඩු කිරීම. | | |
| | | 2026/01/28 පෙ.ව 05.06 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 කට ළඟා වීම නිසා ධාරිතාවය මෙගා වොට් 293 ක් දක්වා අඩු කිරීම. පද්ධති පාලන අංශයට දැනුම් දෙන ලදි. | | |
| | | 2026/01/28 පෙ.ව 05.30 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් ඉක්මවීම නිසා ධාරිතාවය මෙගා වොට් 290 ක් දක්වා අඩු කිරීම. | | |
| | | 2026/01/28 පෙ.ව 05.56 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් ඉක්මවීම නිසා ධාරිතාවය මෙගා වොට් 288 ක් දක්වා අඩු කිරීම. | | |
| | | 2026/01/28 පෙ.ව 07.27 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 කට ළඟා වීම නිසා ධාරිතාවය මෙගා වොට් 286 ක් දක්වා අඩු කිරීම | | |

(ඇ) ඉහත ලොග් පොත් සටහන් සම්බන්ධව සාක්ෂි සපයන ප්‍රධාන පාලන ඒකකයේ පද්ධති රූප සටහන්වල දැක්වෙන තොරතුරු කිහිපයක් පහත වගුවේ දැක්වේ.

වගුව අංක : **56** හතරවන නැව් තොගයට අදාලව ප්‍රධාන පාලන ඒකකයෙන් ලබා ගන්නා ලද තොරතුරු

| ඒකකය අංක 01 | | | | ඒකකය අංක 02 | | | | ඒකකය අංක 03 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| දිනය සහ වේලාව | පැයකට දහනයවන ගල් අඟුරු මෙ.ටො | ධාරිතාවය මෙගා වොට් | කි.වො. පැ එකකට කි.ග් | දිනය සහ වේලාව | පැයකට දහනයවන ගල් අඟුරු මෙ.ටො | ධාරිතාවය මෙගා වොට් | කි.වො. පැ එකකට කි.ග් | දිනය සහ වේලාව | පැයකට දහනයවන ගල් අඟුරු මෙ.ටො | ධාරිතාවය මෙගා වොට් | කි.වො. පැ එකකට කි.ග් |
| 27-01-26 පෙ. ව 06.55.10 | 98.437 | 240.084 | 0.410 | 28-01-26 පෙ.ව 02.38.04 | 119.279 | 300.070 | 0.398 | 28-01-26 පෙ. ව 04.08.47 | 116.944 | 298.092 | 0.392 |
| 27-01-26 පෙ. ව 07.30.36 | 98.437 | 240.084 | 0.410 | 28-01-26 පෙ. ව 07.37.42 | 117.763 | 282.244 | 0.417 | 28-01-26 පෙ. ව 06.00.12 | 117.882 | 292.242 | 0.403 |
| | | | | | | | | 28-01-26 ප. ව 02.06.03 | 69.703 | 179.247 | 0.389 |

තවද, 2026 ජනවාරි 27 දින සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාව අනුව රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන් එක් එක් ඒකකය ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

වගුව අංක : **57 රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයන්** -2026 ජනවාරි 27

| **දිනය** | ඒකකය | විදුලිබල පද්ධතියට **ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්)** | **රාත්‍රී කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්)** | **සටහන** |
|---|---|---|---|---|
| 2026/01/27 | 01 | 270 | 256 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 256 ක් විය./ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 271 | - |
| | 03 | 270 | 269 | - |

**(ඉ) ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය හඳුනාගැනීම**

මෙම ගල් අඟුරු තොගයෙන් කිලෝ වොට් පැයකට ග්‍රෑම් 401 ක් පමණ අවශ්‍ය වන බවත් මෙම ගල් අඟුරු භාවිතයෙන් එක් එක් ඒකකය මෙහෙයුම් සිදු කර ඇති කාලය මත පදනම්ව මෙගාවොට් 290 ක පමණ සාමාන්‍ය ධාරිතාවයකින් බලාගාරය ක්‍රියාත්මක කළ හැකි බවත් ලක්විජය බලාගාරය මගින් සනාථ කර තිබූ අතර එම අගයන් භාවිතයෙන් නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු වන අලාභය පහත පරිදි හඳුනා ගත හැක **(ඇමුණුම 87)**.

**වගුව අංක : 58 නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු වන අලාභය**

| මෙ.වො 290 ක ධාරිතාවයක දී පැයකට දහනයවන ගල් අඟුරු මෙ.ටො (සම්මත සාමාන්‍ය අගය) | මෙ.වො 290 ක ධාරිතාවයක දී පැයකට දහනය වූ ගල් අඟුරු මෙ.ටො (සාමාන්‍ය අගය) | පැයකට අතිරේක ව දහනය වන ගල් අඟුරු මෙ.ටො | මෙගා වොට් 290 ක ධාරිතාවය ක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | අතිරේක ව දහනය වන මුළු ගල් අඟුරු මෙ.ටො | ගල් අඟුරු මෙට්ට්‍රික් ටොන් එකක පිරිවැය රු. | ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි ඇස්තමේන්තුගත අලාභය රු. මිලියන |
|---|---|---|---|---|---|---|
| 108.78 | 116.45 | 7.67 | 21.9 | 4,036.87 | 38,621 | 155.9 |

**(ඊ) පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

ඉහත සඳහන් කර ඇති පරිදි මෙම ගල් අඟුරු භාවිතයෙන් බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය මෙගා වොට් 290 ක පමණ වන්නේ නම් මෙගාවොට් 10 ක ඉතිරි බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට සිදු වුවහොත් ඉහත (5.5.4.2.3 ඇ) ඡේදයෙහි සඳහන් අවස්ථාවන් 02 යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය පහත වගුවේ දැක්වේ.

**වගුව අංක : 59 වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

| මෙගා වොට් 290 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | මෙගා වොට් 10 ක ධාරිතාවයක් යටතේ වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට අවශ්‍ය වන බලශක්තිය (කි.වොා.පැ) | |
|---|---|---|
| | 01 වන අවස්ථාව | 02 වන අවස්ථාව |
| 21.9 | 5,219,636 | 3,479,758 |

**සැ.යු -** වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ඉහත වගුවේ සඳහන් වන අතර එය තත්‍ය වශයෙන්ම බලාගාරය ක්‍රියත්මක කළ හැකි ධාරිතාවය හා ඒ අනුව ඇතිවන බලශක්ති හිඟය අනුව වෙනස් විය හැකිය.

**v. පස්වන නැව්චාරය තුල ප්‍රමිති පරීක්ෂා කිරීම - (නැව් බඩු තොග අංක 460/25-26/16)**

(අ) ඉහත 24, 26, 28,29, 32 වගු අනුව පරාමිතීන් 5 ක් ගිවිසුමේ සඳහන් සම්මත අගයන් ඉක්මවා තිබූ අතර ඒ අනුව, පස්වන නැව් බඩු තොගයෙන් අයකර ගත හැකි මුළු දඩ මුදල රු. මිලියන 155 ක් ලෙස ලක්විජය බලාගාරය විසින් ගණනය කර තිබුණි.

**වගුව අංක : 60 ගිවිසුම ප්‍රකාරව දඩ මුදල් ගණනය කිරීම**

| අංකය | පරාමිතිය | විචලනය | දඩ මුදල එ.ජ.ඩො |
|---|---|---|---|
| 1 | දළ තාපජනන අගය | (6150 – 5951) = 199 | 188,143.18 |
| 2 | වාෂ්පශීලී පදාර්ථය | (25 - 24.00) = 1.00 | 18,606.32 |
| 3 | සල්ෆර් | (0.58 - 0.5) = 0.08 | 14,885.06 |
| 4 | අළු | (15.68 – 11) = 4.68 | 174,155.16 |
| 5 | Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | (24.74 - 22.5) = 2.24 | 104,195.39 |
| **එකතුව** | | | **499,985.10** |
| **රුපියල් වටිනාකම** | | | **154,995,382.31** |

(ආ) ඉහත ගල් අඟුරු නැව් බඩු තොගය 2026 පෙබරවාරි 01 වන දින සිට 2026 පෙබරවාරි 04 වන දින දක්වා කාලය තුළදී ගොඩබා තිබුණි. ගල් අඟුරු තොග ගොඩ බැමේදී එයින් කොටසක් සෘජුවම බංකරවලට පිරවීම ද සිදු කරන බැවින් මෙම ගල් අඟුරු තොගයෙන් කොටසක් (ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 5,218 ක් පමණ) 2026 පෙබරවාරි 01 ප.ව 9.35 සිට 2026 පෙබරවාරි 03 පෙ.ව 00.25 දක්වා ඒකකය අංක 01 සහ 03 හි බංකරවලට පුරවා තිබූ බව ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය මගින් ලබා ගන්නා ලද තොරතුරු අනුව නිරීක්ෂණය විය. **(ඇමුණුම 86)** ඒ

අනුව, 2026 පෙබරවාරි 02 දින සිට 2026 පෙබරවාරි 03 දක්වා ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර පහත වගුවේ දැක්වේ.

**වගුව අංක : 61** ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් - 2026 පෙබරවාරි 02 දින සිට 2026 පෙබරවාරි 03 දක්වා

| දිනය | ඒකකය අංක **01** | | | | | ඒකකය අංක **03** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වොෑ.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වොෑ.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වොෑ.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වොෑ.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වොෑ.පැ) | පරිභෝජන ය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වොෑ.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 2-2-2026 | 6,891.49 | 674.59 | 2,677.73 | - | 0.389 | 6,875.42 | 639.84 | 2,600.52 | - | 0.378 |
| 2-3-2026 | 6,864.76 | 637.10 | 2,672.26 | 196.35 | 0.389 | 6,830.36 | 640.84 | 2,617.75 | - | 0.383 |

(ඇ) බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එක් එක් ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන් පහත වගුවේ දැක්වේ.

**වගුව අංක : 62** ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන්

| **ඒකකය 03** | |
|---|---|
| **දිනය සහ වේලාව** | **සටහන** |
| 2026/02/02 ප. ව 03.12 | ඉහළ ගල් අඟුරු අනුපාතයක් හේතුවෙන් මෙගා වොට් 295 දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/02/02 ප. ව 04.47 | ඉහළ ගල් අඟුරු අනුපාතයක් (පැයට ටොන් 118) හේතුවෙන් මෙගා වොට් 290 දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/02/02 ප. ව 06.42 | ඉහළ ගල් අඟුරු අනුපාතයක් (පැයට ටොන් 117) හේතුවෙන් මෙගා වොට් 285 දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/02/02 ප. ව 09.15 | ඒකකයට ගල් අඟුරු පිරිවීම අතින් ක්‍රියාත්මක වන ආකාරයට සකස් කර ගල් අඟුරු අනුපාතය පැයට ටොන් 115 දක්වා සකස් කරන ලදි. ඒකකය මෙගාවොට් 300 දක්වා ක්‍රියාත්මක කරවන ලදී. නමුත් පසුව, පීඩනය Mpa 13.6 දක්වා අඩුවීම මත මෙගාවොට් 290 දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/02/03 ප. ව 02.41 | ඉහළ ගල් අඟුරු අනුපාතයක් හේතුවෙන් ඒකකය සම්පූර්ණ ධාරිතාව දක්වා ක්‍රියාත්මක කරවන ලද නමුත් මෙගාවොට් 285 දී ධාරිතාවය නවත්වන ලදී. |
| **ඒකකය 01** | |
| 2026/02/03 ප. ව 03.18 | ගල් අඟුරු අනුපාතය පැයට ටොන් 117 වීම නිසා මෙගාවොට් 300 යටතේ ක්‍රියාත්මක කිරීමට නොහැක. ඒකකය මෙගාවොට් 280 දක්වා ක්‍රියාත්මක කර ඇත. |

(ඇ) තවද, ඉහත දිනයන්ට අදාළ (2026 පෙබරවාරි 02) සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාව අනුව රාත්‍රි කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන් ඒකකය 03 ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

**වගුව අංක : 63 රාත්‍රි කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයන් -** 2026 පෙබරවාරි 02

| දිනය | ඒකකය | විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්) | රාත්‍රි කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්) | සටහන |
|---|---|---|---|---|
| 2026/02/02 | 03 | 270 | 258 | රාත්‍රි කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 258 ක් විය. |

**(ඉ) ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය හඳුනාගැනීම**

2026 පෙබරවාරි 01 ප.ව 09.35 සිට 2026 පෙබරවාරි 03 පෙ.ව 0.25 දක්වා ඒකකය අංක 01 සහ 03 හි බංකරවලට පුරවන ලද (බලාගාරයේ ඉන්ධන හැසිරවීමේ මෙහෙයුම් අංශය මගින් ඉදිරිපත් කල තොරතුරු අනුව) ගල් අඟුරු තොගවල (ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 5,218 ක් පමණ) සාමාන්‍ය පරිභෝජනය අනුපාතය කිලෝ වොට් පැයකට ග්‍රෑම් 410 ක් පමණ වන බවත් මෙම ගල් අඟුරු භාවිතයෙන් මෙගාවොට් 284 ක පමණ සාමාන්‍ය ධාරිතාවයකින් බලාගාරය ක්‍රියාත්මක කළ හැකි බවත් ලක්විජය බලාගාරය මගින් සනාථ කර තිබූ අතර එම අගයන් භාවිතයෙන් නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු වන අලාභය පහත පරිදි හඳුනා ගත හැක **(ඇමුණුම 87)**.

වගුව අංක : **64** ආනයනික නව ගල් අඟුරු තොගයෙහි ඇති වූ අධි පරිභෝජනය හා ගණනය කරන ලද අලාභය

| මෙ.වො 284 ක ධාරිතාවයක දී පැයකට දහනයවන ගල් අඟුරු මෙ.ටො (සම්මත සාමාන්‍ය අගය) | මෙ.වො 284 ක ධාරිතාවයක දී පැයකට දහනය වූ ගල් අඟුරු මෙ.ටො (සාමාන්‍ය අගය) | පැයකට අතිරේක ව දහනය වන ගල් අඟුරු මෙ.ටො | මෙගා වොට් 284 ක ධාරිතාවය ක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | අතිරේක ව දහනය වන මුළු ගල් අඟුරු මෙ.ටො | ගල් අඟුරු මෙට්‍රික් ටොන් එකක පිරිවැය රු. | ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි ඇස්තමේන්තුගත අලාභය රු. මිලියන |
|---|---|---|---|---|---|---|
| 106.49 | 116.48 | 9.99 | 19.3 | 4,635.65 | 38,638 | 179.1 |

(ඊ) **පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

ඉහත සඳහන් කර ඇති පරිදි මෙම ගල් අඟුරු භාවිතයෙන් බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය මෙගා වොට් 284 ක පමණ වන්නේ නම් මෙගා වොට් 16 ක ඉතිරි බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට සිදු ඉහත (5.5.4.2.3 ඇ) ඡේදයෙහි සඳහන් අවස්ථාවන් 02 යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය පහත වගුවේ දැක්වේ.

වගුව අංක : **65** වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය

| මෙගා වොට් 284 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | මෙගා වොට් 16 ක ධාරිතාවයක් යටතේ වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට අවශ්‍ය වන බලශක්තිය (කි.වො.පැ) | |
|---|---|---|
| | 01 වන අවස්ථාව | 02 වන අවස්ථාව |
| 19.3 | 7,438,768 | 4,959,179 |

සැ.යු - වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ඉහත වගුවේ සඳහන් වන අතර එය තත්‍ය වශයෙන්ම බලාගාරය ක්‍රියත්මක කළ හැකි ධාරිතාවය හා ඒ අනුව ඇතිවන බලශක්ති හිඟය අනුව වෙනස් විය හැකිය.

**vi. හයවන නැව්වාරය තුල ප්‍රමිති පරීක්ෂා කිරීම - (නැව් බඩු තොග අංක 461/25-26/17)**

(අ) ඉහත වගුව අංක 24, 26, 28,29, 32 අනුව පරාමිතීන් 5 ක් ගිවිසුමේ සඳහන් සම්මත අගයන් ඉක්මවා තිබූ අතර ඒ අනුව, හයවන නැව් බඩු තොගයෙන් අයකර ගත හැකි මුළු දඩ මුදල රු. මිලියන 158.2 ක් ලෙස ලක්විජය බලාගාරය විසින් ගණනය කර තිබුණි.

**වගුව අංක : 66 අයකර ගත හැකි මුළු දඩ මුදල**

| **අංකය** | **පරාමිතිය** | විචලනය | දඩ මුදල එ.ජ.ඩො |
|---|---|---|---|
| 1 | දළ තාපජනන අගය | (6150 – 5967) = 183 | 189,333.20 |
| 2 | වාෂ්පශීලී පදාර්ථය | (25 - 24.42) = 0.58 | 11,809.43 |
| 3 | සල්ෆර් | (0.54 - 0.5) = 0.04 | 8,144.43 |
| 4 | අළු | (15.69 – 11) = 4.69 | 190,986.92 |
| 5 | Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | (24.66 - 22.5) = 2.16 | 109,949.83 |
| **එකතුව** | | | **510,223.80** |
| **රුපියල් වටිනාකම** | | | **158,169,378.96** |

(ආ) ඉහත ගල් අඟුරු නැව් බඩු තොගය 2026 පෙබරවාරි 05 වන දින සිට 2026 පෙබරවාරි 09 වන දින දක්වා කාලය තුළදී ගොඩබා තිබුණි. ගල් අඟුරු තොග ගොඩ බැමේදී එයින් කොටසක් සෘජුවම බංකරවලට පිරවීම ද සිදු කරන බැවින් මෙම ගල් අඟුරු තොගයෙන් කොටසක් (ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 5,231 ක් පමණ) 2026 පෙබරවාරි 05 ප.ව 05.38 සිට 2026 පෙබරවාරි 06 පෙ.ව 11.15 දක්වා ඒකකය අංක 01 සහ 03 හිම බංකරවලට පුරවා තිබූ බව ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය මගින් ලබා ගන්නා ලද තොරතුරු අනුව නිරීක්ෂණය විය. **(ඇමුණුම 86)** ඒ අනුව, 2026 පෙබරවාරි 06 දින ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර පහත වගුවේ දැක්වේ.

**වගුව අංක : 67 ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් - 2026 පෙබරවාරි 06 දින**

| දිනය | ඒකකය අංක 01 | | | | | ඒකකය අංක 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 2-6-2026 | 6,420.23 | 640.83 | 2,783.98 | - | 0.434 | 6,698.54 | 635.09 | 2,721.17 | - | 0.406 |

(ඇ) බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එක් එක් ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන් පහත වගුවේ දැක්වේ.

**වගුව අංක : 68 ලොග් පොත අනුව ගල් අඟුරු තොග පරිභෝජන අනුපාතයන්**
**2026 පෙබරවාරි 05 වන දින සිට 2026 පෙබරවාරි 09 දින දක්වා**

| **ඒකකය 03** | |
|---|---|
| **දිනය සහ වේලාව** | **සටහන** |
| 2026/02/06 පෙ. ව 01.25 | ඒකකයේ ධාරිතාවය මෙගාවොට් 02 කින් අඩු කිරීම. (මෙගාවොට් 298 දක්වා) |
| 2026/02/06පෙ. ව 04.28 | ගල් අඟුරු ප්‍රවාහ අනුපාතය පවත්වා ගැනීම සඳහා ඒකකයේ ධාරිතාවය මෙගාවොට් 295 දක්වා අඩු කිරීම. |
| 2026/02/06 පෙ. ව 04.53 | ගල් අඟුරු ප්‍රවාහ අනුපාතය (පැයට ටොන් 117) පවත්වා ගැනීම සඳහා ඒකකයේ ධාරිතාවය මෙගාවොට් 290 දක්වා අඩු කිරීම. |
| 2026/02/06 පෙ. ව 07.54 | ගල් අඟුරු ප්‍රවාහ අනුපාතය (පැයට ටොන් 118) පවත්වා ගැනීම සඳහා ඒකකයේ ධාරිතාවය මෙගාවොට් 285 දක්වා අඩු කිරීම. |
| 2026/02/06 පෙ. ව 09.33 | පද්ධති පාලන අංශයේ එකඟතාවය සමඟ ගල් අඟුරු ප්‍රවාහ අනුපාතය පැයට ටොන් 118 වඩා වැඩි වීම හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 280 දක්වා අඩු කිරීම. |
| 2026/02/06 පෙ. ව 11.50 | ඉහළ ගල් අඟුරු අනුපාතයක් ( පැයට ටොන් 115 ට වැඩි) හේතුවෙන් මෙගාවොට් 275 දක්වා වූ ධාරිතාවයකින් පමණක් ඒකකය ක්‍රියාත්මක කිරීමට හැකි වීම. |
| 2026/02/06 ප. ව 05.23 | වත්මන් දකුණු අප්‍රිකානු ගල් අඟුරුවලින් මෙගාවොට් 275 ක ධාරිතාවයකදී ගල් අඟුරු අනුපාතය පැයට ටොන් 115 ක පමණ අගයක පවත්වා ගත නොහැකි බැවින් ඒකකයේ ධාරිතාවය මෙගාවොට් 270 දක්වා අඩු කර ඇත. |
| 2026/02/06 ප. ව 05.33 | පද්ධති පාලන අංශය විසින් හැකිතාක් ධාරිතාවය වැඩි කරන ලෙස ඉල්ලා ඇතත් ගල් අඟුරු ප්‍රවාහයේ සීමාවන් හේතුවෙන් ධාරිතාවය වැඩි කර නොහැක. |

(ඈ) ඉහත දිනයට අදාළ (පෙබරවාරි 06) සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාව අනුව රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන්, ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

වගුව අංක : **69** **රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයන්** - 2026 පෙබරවාරි 06

| දිනය | ඒකකය | විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්) | රාත්‍රී කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්) | සටහන |
|---|---|---|---|---|
| 2026/02/06 | 01 | 270 | 233 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 233 ක් විය./ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 03 | 270 | 241 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 241 ක් විය. |

(ඉ) ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය හඳුනාගැනීම

2026 පෙබරවාරි 05 ප.ව 5.38 සිට 2026 පෙබරවාරි 06 පෙ.ව 11.15 දක්වා ඒකකය අංක 01 සහ 03 හි බංකරවලට පුරවන ලද (බලාගාරයේ ඉන්ධන හැසිරවීමේ මෙහෙයුම් අංශය මගින් ඉදිරිපත් කල තොරතුරු අනුව) ගල් අඟුරු තොගවල (ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 5,231 ක් පමණ) සාමාන්‍ය පරිභෝජනය අනුපාතය කිලෝ වොට් පැයකට ග්‍රෑම් 432 ක් පමණ වන බවත් මෙම ගල් අඟුරු භාවිතයෙන් මෙගාවොට් 268 ක පමණ සාමාන්‍ය ධාරිතාවයකින් බලාගාරය ක්‍රියාත්මක කළ හැකි බවත් ලක්විජය බලාගාරය මගින් සනාථ කර තිබූ අතර එම අගයන් භාවිතයෙන් නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු වන අලාභය පහත පරිදි හඳුනා ගත හැක **(ඇමුණුම 87)**.

වගුව අංක : **70** ආනයනික නව ගල් අඟුරු තොගයෙහි ඇති වූ අධි පරිභෝජනය හා ගණනය කරන ලද අලාභය

| මෙ.වො 268 ක ධාරිතාවයකදී පැයකට දහනයවන ගල් අඟුරු මෙ.ටො (සම්මත සාමාන්‍ය අගය) | මෙ.වො 268 ක ධාරිතාවයකදී පැයකට දහනය වූ ගල් අඟුරු මෙ.ටො (සාමාන්‍ය අගය) | පැයකට අතිරේකව දහනය වන ගල් අඟුරු මෙ.ටො | මෙගා වොට් 268 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | අතිරේකව දහනය වන මුළු ගල් අඟුරු මෙ.ටො | ගල් අඟුරු මෙට්ට්‍රික් ටොන් එකක පිරිවැය රු. | ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි ඇස්තමේන්තුගත අලාභය රු. මිලියන |
|---|---|---|---|---|---|---|
| 100.44 | 115.57 | 15.13 | 21.3 | 7,748.50 | 38,594 | 299 |

(ඊ) **පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

ඉහත සඳහන් කර ඇති පරිදි මෙම ගල් අඟුරු භාවිතයෙන් බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය මෙගා වොට් 268 ක පමණ වන්නේ නම් මෙගා වොට් 32 ක ඉතිරි බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා සිදු වුවහොත් ඉහත (5.5.4.2.3 ඇ) ඡේදයෙහි සඳහන් අවස්ථාවන් 02 යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය පහත වගුවේ දැක්වේ.

වගුව අංක : **71** වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය

| මෙගා වොට් 268 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | මෙගා වොට් 32 ක ධාරිතාවයක් යටතේ වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට අවශ්‍ය වන බලශක්තිය (කි.වො.පැ) | |
|---|---|---|
| | 01 වන අවස්ථාව | 02 වන අවස්ථාව |
| 21.3 | 16,470,219 | 10,980,146 |

සැ.යු - වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ඉහත වගුවේ සඳහන් වන අතර එය තත්‍ය වශයෙන්ම බලාගාරය ක්‍රියත්මක කළ හැකි ධාරිතාවය හා ඒ අනුව ඇතිවන බලශක්ති හිඟය අනුව වෙනස් විය හැකිය.

**vii. හත්වන නැව්වාරය තුල ප්‍රමිති පරීක්ෂා කිරීම - (නැව් බඩු තොග අංක 462/25-26/18)**

(අ) ඉහත වගු අංක 24, 26, 28,29, 32 අනුව පරාමිතීන් 5 ක් ගිවිසුමේ සඳහන් සම්මත අගයන් ඉක්මවා තිබූ අතර ඒ අනුව, හත්වැනි නැව් බඩු තොගයෙන් අයකර ගත හැකි මුළු දඩ මුදල රු. මිලියන 134.5 ක් ලෙස ලක්විජය බලාගාරය විසින් ගණනය කර තිබුණි.

**වගුව අංක : 72 අයකර ගත හැකි මුළු දඩ මුදල**

| **අංකය** | **පරාමිතිය** | විචලනය | දඩ මුදල එ.ජ.ඩො |
|---|---|---|---|
| 1 | දළ තාපජනන අගය | (6150 – 5973) = 177 | 173,324.76 |
| 2 | වාෂ්පශීලී පදාර්ථය | (25 - 24.79) = 0.21 | 4,046.99 |
| 3 | සල්ෆර් | (0.61 - 0.5) = 0.11 | 21,198.50 |
| 4 | අළු | (15.72 – 11) = 4.72 | 181,921.66 |
| 5 | Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | (23.61 - 22.5) = 1.11 | 53,478.03 |
| **එකතුව** | | | **433,969.94** |
| **රුපියල් වටිනාකම** | | | **134,530,680.84** |

(ආ) ඉහත ගල් අඟුරු නැව් බඩු තොගය 2026 පෙබරවාරි 10 වන දින සිට ගොඩබා තිබුණු අතර එයින් කොටසක් සෘජුවම බංකරවලට පිරවීම ද සිදු කරන බැවින් මෙම ගල් අඟුරු තොගයෙන් කොටසක් (ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 4,076 ක් පමණ) 2026 පෙබරවාරි 10 ප.ව 5.10 සිට 2026 පෙබරවාරි 11 පෙ.ව 5.50 දක්වා ඒකකය අංක 01 සහ 03 හිම බංකරවලට පුරවා තිබූ බව ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය මගින් ලබා ගන්නා ලද තොරතුරු අනුව නිරීක්ෂණය විය. **(ඇමුණුම 86)** ඒ අනුව, 2026 පෙබරවාරි 11 දින ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර පහත වගුවේ දැක්වේ.

**වගුව අංක : 73 ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් (2026 පෙබරවාරි 11 දින)**

| දිනය | ඒකකය අංක 01 | | | | ඒකකය අංක 03 | | | |
|---|---|---|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වොෑ.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) මෙ.ටො | කි.වොෑ.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වොෑ.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) මෙ.ටො | කි.වොෑ.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 11-2-2026 | 6371.72 | 2717.95 | 0 | 0.427 | 6138.42 | 2541.89 | 0 | 0.414 |

(ඇ) ඒ අනුව, බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එක් එක් ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන් පහත වගුවේ දැක්වේ.

**වගුව අංක : 74 ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන්**

| **ඒකකය 03** | |
|---|---|
| **දිනය සහ වේලාව** | **සටහන** |
| 2026/02/10<br>ප. ව 11.56 | පද්ධති පාලන අංශයේ එකඟතාවය සමඟ ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 115 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 295 දක්වා අඩු කිරීම. |
| 2026/02/11පෙ.ව<br>01.16 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 116 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 290 දක්වා අඩු කිරීම. |
| 2026/02/11<br>පෙ. ව 01.36 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 116 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 285 දක්වා අඩු කිරීම. |
| 2026/02/11<br>පෙ. ව 02.36 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 116 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 280 දක්වා අඩු කිරීම. |
| 2026/02/11<br>ප. ව 04.00 | ඉහළ ගල් අඟුරු පරිභෝජනය (පැයට ටොන් 115 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 280 ට වැඩි කිරීමට නොහැකි වීම. |
| 2026/02/11<br>ප. ව 07.00 | ගල් අඟුරු අනුපාතය පැයට ටොන් 115 වඩා වැඩි වීම හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 285 දී නැවැත්වීම. |

(ඇ) ඉහත දිනයට අදාළ (පෙබරවාරි 11) සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාව අනුව රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන්, ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

වගුව අංක : 75 රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයන් - 2026 පෙබරවාරි 11

| දිනය | ඒකකය | විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්) | රාත්‍රී කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්) | සටහන |
|---|---|---|---|---|
| 2026/02/11 | 01 | 270 | 239 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 239 ක් විය./ඇඹුරුම් ඒකකවල ක්‍රියාකාරිත්වය සීමා විය. |
| | 03 | 270 | 253 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 253 ක් විය. |

(ඉ ) **ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය හඳුනාගැනීම**

2026 පෙබරවාරි 10 ප.ව 5.10 සිට 2026 පෙබරවාරි 11 පෙ.ව 5.50 දක්වා ඒකකය අංක 01 සහ 03 හි බංකරවලට පුරවන ලද (බලාගාරයේ ඉන්ධන හැසිරවීමේ මෙහෙයුම් අංශය මගින් ඉදිරිපත් කල තොරතුරු අනුව) ගල් අඟුරු තොගවල (ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 4,076 ක් පමණ) සාමාන්‍ය පරිභෝජනය අනුපාතය කිලෝ වොට් පැයකට ග්‍රෑම් 423 ක් පමණ වන බවත් මෙම ගල් අඟුරු භාවිතයෙන් මෙගාවොට් 274 ක පමණ සාමාන්‍ය ධාරිතාවයකින් බලාගාරය ක්‍රියාත්මක කළ හැකි බවත් ලක්විජය බලාගාරය මගින් සනාථ කර තිබූ අතර එම අගයන් භාවිතයෙන් නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු වන අලාභය පහත පරිදි හඳුනා ගත හැක. **(ඇමුණුම 87)**

**වගුව අංක : 76 ආනයනික නව ගල් අඟුරු තොගයෙහි ඇති වූ අධි පරිභෝජනය හා ගණනය කරන ලද අලාභය**

| මෙ.වො 274 ක ධාරිතාවයක දී පැයකට දහනයවන ගල් අඟුරු මෙ.ටො (සම්මත සාමාන්‍ය අගය) | මෙ.වො 274 ක ධාරිතාවයක දී පැයකට දහනය වූ ගල් අඟුරු මෙ.ටො (සාමාන්‍ය අගය) | පැයකට අතිරේක ව දහනය වන ගල් අඟුරු මෙ.ටො | මෙගා වොට් 274 ක ධාරිතාවය ක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | අතිරේක ව දහනය වන මුළු ගල් අඟුරු මෙ.ටො | ගල් අඟුරු මෙට්ට්‍රික් ටොන් ඒකක පිරිවැය රු. | ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි ඇස්තමේන්තුගත අලාභය<br><br>රු. මිලියන |
|---|---|---|---|---|---|---|
| 102.70 | 115.84 | 13.14 | 20.1 | 6,354.29 | 38,664 | 245.7 |

(ඊ) පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය

ඉහත සඳහන් කර ඇති පරිදි මෙම ගල් අඟුරු භාවිතයෙන් බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය මෙගාවොට් 274 ක පමණ වන්නේ නම් මෙගාවොට් 26 ක ඉතිරි බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට සිදු වුවහොත් ඉහත (5.5.4.2.3 ඇ) ඡේදයෙහි සඳහන් අවස්ථාවන් 02 යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය පහත වගුවේ දැක්වේ.

**වගුව අංක : 77 වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

| මෙගාවොට් 274 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | මෙගාවොට් 26 ක ධාරිතාවයක් යටතේ වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට අවශ්‍ය වන බලශක්තිය (කි.වො.පැ) | |
|---|---|---|
| | 01 වන අවස්ථාව | 02 වන අවස්ථාව |
| 20.1 | 12,638,469 | 8,425,646 |

සැ.යු - වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ඉහත වගුවේ සඳහන් වන අතර එය තත්‍ය වශයෙන්ම බලාගාරය ක්‍රියත්මක කළ හැකි ධාරිතාවය හා ඒ අනුව ඇතිවන බලශක්ති හිඟය අනුව වෙනස් විය හැකිය.

**viii. අටවන නැව්වාරය තුල ප්‍රමිති පරීක්ෂා කිරීම - (නැව් බඩු තොග අංක 463/25-26/19)**

(අ) ඉහත වගු අංක 24, 26, 28,29, 32 අනුව පරාමිතීන් 5 ක් ගිවිසුමේ සඳහන් සම්මත අගයන් ඉක්මවා තිබූ අතර ඒ අනුව, අටවන නැව් බඩු තොගයෙන් අයකර ගත හැකි මුළු දඩ මුදල රු. මිලියන 168.8 ක් ලෙස ලක්විජය බලාගාරය විසින් ගණනය කර තිබුණි.

**වගුව අංක : 78 අයකර ගත හැකි මුළු දඩ මුදල**

| අංකය | පරාමිතිය | විචලනය | දඩ මුදල එ.ජ.ඩො |
|---|---|---|---|
| 1 | දළ තාපජනන අගය | (6150 – 5964) = 186 | 196,161.96 |
| 2 | වාෂ්පශීලී පදාර්ථය | (25 - 24.87) = 0.13 | 2,698.18 |
| 3 | සල්ෆර් | (0.64 - 0.5) = 0.14 | 29,057.28 |
| 4 | අළු | (15.68 – 11) = 4.68 | 194,268.68 |
| 5 | Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | (24.86 - 22.5) = 2.36 | 122,455.69 |
| **එකතුව** | | | **544,641.78** |
| **රුපියල් වටිනාකම** | | | **168,838,953.03** |

(ආ) ඉහත ගල් අඟුරු නැව් බඩු තොගය 2026 පෙබරවාරි 15 වන දින සිට ගොඩබා තිබුණු අතර ගල් අඟුරු තොග ගොඩ බැමේදී එයින් කොටසක් සෘජුවම බංකරවලට පිරවීම ද සිදු කරන බැවින් මෙම ගල් අඟුරු තොගයෙන් කොටසක් (ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 5,318 ක් පමණ) 2026 පෙබරවාරි 15 ප.ව 9.10 සිට 2026 පෙබරවාරි 16 ප.ව 5.37 දක්වා ඒකකය අංක 01 සහ 03 හි බංකරවලට පුරවා තිබූ බව ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය මගින් ලබා ගන්නා ලද තොරතුරු අනුව නිරීක්ෂණය විය. **(ඇමුණුම 86)** ඒ අනුව, 2026 පෙබරවාරි 16 දින ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර පහත වගුවේ දැක්වේ.

**වගුව අංක : 79 ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් 2026 පෙබරවාරි 16 දින**

| දිනය | ඒකකය අංක 01 | | | | ඒකකය අංක 03 | | | |
|---|---|---|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වොෑ.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) මෙ.ටො | කි.වොෑ.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වොෑ.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) මෙ.ටො | කි.වොෑ.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 16-2-2026 | 6288.52 | 2592.74 | - | 0.412 | 5821.87 | 2352.05 | - | 0.404 |

(ඇ) බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එක් එක් ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන් පහත වගුවේ දැක්වේ.

**වගුව අංක : 80 ලොග් පොත අනුව ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් 2026 පෙබරවාරි 16**

| ඒකකය 01 | |
|---|---|
| **දිනය සහ වේලාව** | **සටහන** |
| 2026/02/16 ප. ව 01.53 | පද්ධති පාලන අංශය මෙගාවොට් 300 ක ධාරිතාවය ඉල්ලා ඇතත් දකුණු අප්‍රිකා ගල් අඟුරු බංකරවල පවතින බැවින් උපරිම මෙගාවොට් 265 ක ධාරිතාවයක් සඳහා යැමට හැක. |

(ඇ) තවද, ඉහත දිනයට අදාළ (පෙබරවාරි 16) සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාව අනුව රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන්, ඒකකය 01 සහ 03 ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

**වගුව අංක : 81 රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයන් -** 2026 පෙබරවාරි 16

| **දිනය** | **ඒකකය** | **විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්)** | **රාත්‍රී කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්)** | **සටහන** |
|---|---|---|---|---|
| 2026/02/16 | 01 | 270 | 231 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 231 ක් විය. /ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 03 | 270 | 237 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 231 ක් විය./ CW intake blockage |

(ඉ) **ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය හඳුනාගැනීම**

2026 පෙබරවාරි 15 ප.ව 9.10 සිට 2026 පෙබරවාරි 16 ප.ව 5.37 දක්වා ඒකකය අංක 01 සහ 03 හි බංකරවලට පුරවන ලද (බලාගාරයේ ඉන්ධන හැසිරවීමේ මෙහෙයුම් අංශය මගින් ඉදිරිපත් කල තොරතුරු අනුව) ගල් අඟුරු තොගවල (ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 5,318 ක් පමණ) සාමාන්‍ය පරිභෝජනය අනුපාතය කිලෝ වොට් පැයකට ග්‍රෑම් 451 ක් පමණ වන බවත් මෙම ගල් අඟුරු භාවිතයෙන් මෙගාවොට් 257 ක පමණ සාමාන්‍ය ධාරිතාවයකින් බලාගාරය ක්‍රියාත්මක කළ හැකි බවත් ලක්විජය බලාගාරය මගින් සනාථ කර තිබූ අතර එම අගයන් භාවිතයෙන් නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු වන අලාභය පහත පරිදි හඳුනා ගත හැක **(ඇමුණුම 87)**.

**වගුව අංක : 82 ආනයනික නව ගල් අඟුරු තොගයෙහි ඇති වූ අධි පරිභෝජනය හා ගණනය කරන ලද අලාභය**

| **මෙ.වො 257 ක ධාරිතාවයකදී පැයකට දහනයවන ගල් අඟුරු මෙ.ටො (සම්මත සාමාන්‍ය අගය)** | **මෙ.වො 257 ක ධාරිතාවයකදී පැයකට දහනය වූ ගල් අඟුරු මෙ.ටො (සාමාන්‍ය අගය)** | **පැයකට අතිරේකව දහනය වන ගල් අඟුරු මෙ.ටො** | **මෙගා වොට් 257 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන** | **අතිරේකව දහනය වන මුළු ගල් අඟුරු මෙ.ටො** | **ගල් අඟුරු මෙට්‍රික් ටොන් එකක පිරිවැය රු.** | **ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි ඇස්තමේන්තුගත අලාභය**<br><br>**රු. මිලියන** |
|---|---|---|---|---|---|---|
| 96.21 | 115.67 | 19.46 | 21.7 | 10,150.04 | 38,672 | 392.5 |

(ඊ) **පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

ඉහත සඳහන් කර ඇති පරිදි මෙම ගල් අඟුරු භාවිතයෙන් බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය මෙගා වොට් 257 ක පමණ වන්නේ නම් මෙගා වොට් 43 ක ඉතිරි බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට සිදු වුවහොත් ඉහත (5.5.4.2.3 ඇ) ඡේදයෙහි සඳහන් අවස්ථාවන් 02 යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය පහත වගුවේ දැක්වේ.

**වගුව අංක : 83 වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

| මෙගා වොට් 287 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | මෙගා වොට් 13 ක ධාරිතාවයක් යටතේ වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට අවශ්‍ය වන බලශක්තිය (කි.වොෑ.පැ) | |
|---|---|---|
| | 01 වන අවස්ථාව | 02 වන අවස්ථාව |
| 21.7 | 22,658,492 | 15,105,661 |

සැ.යු - වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ඉහත වගුවේ සඳහන් වන අතර එය තත්‍ය වශයෙන්ම බලාගාරය ක්‍රියත්මක කළ හැකි ධාරිතාවය හා ඒ අනුව ඇතිවන බලශක්ති හිඟය අනුව වෙනස් විය හැකිය.

**ix. නව නැව්වාරය තුල ප්‍රමිති පරීක්ෂා කිරීම - (නැව් බඩු තොග අංක 464/25-26/20)**

(අ) ඉහත වගු අංක 24, 26, 28,29, 32 අනුව පරාමිතීන් 5 ක් ගිවිසුමේ සඳහන් සම්මත අගයන් ඉක්මවා තිබූ අතර එයින් පරාමිතීන් 2 ක් එනම් දළ තාපජනන අගය, සහ අළු ප්‍රතික්ෂේපිත අගයන් තුළ පැවතුනි. ඒ අනුව, නවවන නැව් බඩු තොගයෙන් අයකර ගත හැකි මුළු දඩ මුදල රු. මිලියන 678.5 ක් ලෙස ලක්විජය බලාගාරය විසින් ගණනය කර තිබුණි.

**වගුව අංක : 84 අයකර ගත හැකි මුළු දඩ මුදල**

| අංකය | පරාමිතිය | විචලනය | දඩ මුදල එ.ජ.ඩො |
|---|---|---|---|
| 1 | දළ තාපජනන අගය | (6150 – 5543) = 607 | 1,151,274 |
| 2 | වාෂ්පශීලී පදාර්ථය | (25 - 24.21) = 0.79 | 16,422 |
| 3 | සල්ෆර් | (0.69 - 0.5) = 0.19 | 39,497 |
| 4 | අළු | (22.46 - 11) = 11.46 | 839,768 |
| 5 | Grain ප්‍රමාණය මිලිමීටර 02 ට අඩු | (25.23 - 22.5) = 2.73 | 141,877 |
| **එකතුව** | | | **2,188,839** |
| **රුපියල් වටිනාකම** | | | **678,540,181** |

(ආ) ඉහත ගල් අඟුරු නැව් බඩු තොගය 2026 පෙබරවාරි 21 වන දින සිට ගොඩබා තිබුණු අතර ගල් අඟුරු තොග ගොඩ බැමේදී එයින් කොටසක් සෘජුවම බංකරවලට පිරවීම ද සිදු කරන බැවින් මෙම ගල් අඟුරු තොගයෙන් කොටසක් (ආසන්න වශයෙන්

මෙක්ට්‍රික් ටොන් 6,750 ක් පමණ) 2026 පෙබරවාරි 21 ප.ව 9.29 සිට 2026 පෙබරවාරි 22 ප.ව 23.45 දක්වා ඒකකය අංක 01 සහ 03 හි බංකරවලට පුරවා තිබූ බව ලක්විජය බලාගාරයේ ඉන්ධන හැසිරවීමේ (මෙහෙයුම්) අංශය මගින් ලබා ගන්නා ලද තොරතුරු අනුව නිරීක්ෂණය විය. **(ඇමුණුම 86)** ඒ අනුව, 2026 පෙබරවාරි 22 දින සිට 2026 පෙබරවාරි 23 දක්වා ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් පිළිබඳ විස්තර පහත වගුවේ දැක්වේ.

**වගුව අංක : 85 ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වීමෙන් දිනකට ජනනය කරන ලද විදුලිය සඳහා පරිභෝජනය කරන ලද ගල් අඟුරු ප්‍රමාණයන් - 2026 පෙබරවාරි 22 දින සිට 2026 පෙබරවාරි 23 දක්වා**

| දිනය | ඒකකය අංක 01 | | | | ඒකකය අංක 03 | | | |
|---|---|---|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වොෑ.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) මෙ.ටො | කි.වොෑ.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වොෑ.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) මෙ.ටො | කි.වොෑ.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 22-2-2026 | 6080.7 | 2519.98 | - | 0.414 | 5431.44 | 2144.88 | - | 0.395 |
| 23-2-2026 | 6241.82 | 2767.44 | - | 0.443 | 6226.06 | 2616.77 | - | 0.420 |

(ඇ) බලාගාරයේ ප්‍රධාන පාලන ඒකකයේ මෙහෙයුම් නිළධාරීන් විසින් එක් එක් ඒකකයට අදාළව නඩත්තු කරනු ලබන ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන් සම්බන්ධව සඳහන් කර තිබූ විශේෂිත අවස්ථාවන් පහත වගුවේ දැක්වේ.

**වගුව අංක : 86 ලොග් පොත අනුව ඉහත දිනයන්හිදී ගල් අඟුරු තොග පරිභෝජන අනුපාතයන්** 2026 පෙබරවාරි 22 දින සිට 2026 පෙබරවාරි 23 දක්වා

| ඒකකය 03 | | ඒකකය 01 | |
|---|---|---|---|
| දිනය සහ වේලාව | සටහන | දිනය සහ වේලාව | සටහන |
| 2026/02/22 ප. ව 06.16 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 116 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 283 හි රඳවා ගැනීම. | 2026/02/22 ප. ව 03.10 | ගල් අඟුරු පැයට ටොන් 105 ක් පරිභෝජනය කරමින් ඒකකය මෙගාවොට් 240 ක් යටතේ ක්‍රියාත්මක කරයි. |
| 2026/02/22 ප. ව 06.38 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 118 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 275 දක්වා අඩු කිරීම. | | |

| | | |
|---|---|---|
| 2026/02/22<br>ප. ව 07.17 | ඒකකය මෙගාවොට් 280 ක ධාරිතාවයෙන් ක්‍රියාත්මක කිරීම. | |
| 2026/02/22<br>ප. ව 08.05 | ප්‍රධාන වාෂ්ප පීඩනය අඩු වීම නිසා ඒකකයේ ධාරිතාවය මෙගාවොට් 275 දක්වා අඩු කිරීම. | |
| 2026/02/22<br>ප. ව 08.14 | ප්‍රධාන වාෂ්ප පීඩනය අඩු වීම නිසා ඒකකයේ ධාරිතාවය මෙගාවොට් 270 දක්වා අඩු කිරීම. | |
| 2026/02/23<br>ප. ව 03.37 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ට ළඟා වීම හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 270 ක් යටතේ ක්‍රියාත්මක කිරීම. | |

(ඇ) ඉහත දිනයන්ට අදාළ (පෙබරවාරි 22) සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තාව අනුව රාත්‍රි කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන්, ඒකකය අංක 01 සහ 03 ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

**වගුව අංක : 87 රාත්‍රි කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයන් -2026 පෙබරවාරි 22 හා 23**

| දිනය | ඒකකය | විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්) | රාත්‍රි කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්) | සටහන |
|---|---|---|---|---|
| 2026/02/22 | 01 | 270 | 232 | රාත්‍රි කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 232 ක් විය./ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 03 | 270 | 245 | රාත්‍රි කාර්යබහුල |

| | | | | |
|---|---|---|---|---|
| | | | | කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 245 ක් විය. |

(ඉ) ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි අලාභය හඳුනාගැනීම

2026 පෙබරවාරි 21 ප.ව 9.29 සිට 2026 පෙබරවාරි 22 ප.ව 11.45 දක්වා ඒකකය අංක 01 සහ 03 හි බංකරවලට පුරවන ලද (බලාගාරයේ ඉන්ධන හැසිරවීමේ මෙහෙයුම් අංශය මගින් ඉදිරිපත් කල තොරතුරු අනුව) ගල් අඟුරු තොගවල (ආසන්න වශයෙන් මෙක්ට්‍රික් ටොන් 6,750 ක් පමණ) සාමාන්‍ය පරිභෝජනය අනුපාතය කිලෝ වොට් පැයකට ග්‍රෑම් 452 ක් පමණ වන බවත් මෙම ගල් අඟුරු භාවිතයෙන් මෙගාවොට් 260 ක පමණ සාමාන්‍ය ධාරිතාවයකින් බලාගාරය ක්‍රියාත්මක කළ හැකි බවත් ලක්විජය බලාගාරය මගින් සනාථ කර තිබූ අතර එම අගයන් භාවිතයෙන් නව ආනයනික ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු වන අලාභය පහත පරිදි හඳුනා ගත හැක**(ඇමුණුම 87)**.

**වගුව අංක : 88 ආනයනික නව ගල් අඟුරු තොගයෙහි ඇති වූ අධි පරිභෝජනය හා ගණනය කරන ලද අලාභය**

| **මෙ.වො 260 ක ධාරිතාවයකදී පැයකට දහනයවන ගල් අඟුරු මෙ.ටො (සම්මත සාමාන්‍ය අගය)** | **මෙ.වො 260 ක ධාරිතාවයකදී පැයකට දහනය වූ ගල් අඟුරු මෙ.ටො (සාමාන්‍ය අගය)** | **පැයකට අතිරේකව දහනය වන ගල් අඟුරු මෙ.ටො** | **මෙගා වොට් 260 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන** | **අතිරේකව දහනය වන මුළු ගල් අඟුරු මෙ.ටො** | **ගල් අඟුරු මෙට්ට්‍රික් ටොන් එකක පිරිවැය** | **ගල් අඟුරු අධි පරිභෝජනයෙන් සිදු විය හැකි ඇස්තමේන්තුගත අලාභය**<br><br>**රු. මිලියන** |
|---|---|---|---|---|---|---|
| 97.38 | 117.36 | 19.97 | 21.5 | 10,281.34 | 38,578 | 396.6 |

(ඊ) පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය

ඉහත සඳහන් කර ඇති පරිදි මෙම ගල් අඟුරු භාවිතයෙන් බලාගාරය ක්‍රියාත්මක කළ හැකි ධාරිතාවය මෙගා වොට් 260 ක පමණ වන්නේ නම් මෙගා වොට් 40 ක ඉතිරි බලශක්ති අවශ්‍යතාවය වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට සිදු වුවහොත් ඉහත (5.5.4.2.3 ඇ) ඡේදයෙහි සඳහන් අවස්ථාවන් 02 යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය පහත වගුවේ දැක්වේ.

**වගුව අංක : 89 වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය**

| මෙගා වොට් 260 ක ධාරිතාවයක් යටතේ මුළු ගල් අඟුරු තොගය භාවිතා කළ හැකි දින ගණන | මෙගා වොට් 40 ක ධාරිතාවයක් යටතේ වෙනත් මූලාශ්‍රයකින් සපුරා ගැනීමට අවශ්‍ය වන බලශක්තිය (කි.වොා.පැ) | |
|---|---|---|
| | 01 වන අවස්ථාව | 02 වන අවස්ථාව |
| 21.5 | 20,751,869 | 13,834,580 |

සැ.යු - වෙනත් මූලාශ්‍රයක් මගින් අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ඉහත වගුවේ සඳහන් වන අතර එය තත්‍ය වශයෙන්ම බලාගාරය ක්‍රියත්මක කළ හැකි ධාරිතාවය හා ඒ අනුව ඇතිවන බලශක්ති හිඟය අනුව වෙනස් විය හැකිය.

5.5.5.2.4 2026 මාර්තු 01 ප.ව 10.40 වන විට (බලාගාරයේ ඉන්ධන හැසිරවීමේ මෙහෙයුම් අංශය මගින් ඉදිරිපත් කල තොරතුරු අනුව) පසුගිය සැපයුම්කරු විසින් ආනයනය කරන ලද තොග බංකරවලට පැටවීම අවසන් වී තිබුණු අතර එදින සිට නව ආනයනික ගල් අඟුරු බංකරවලට පටවනු ලබයි. සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තා අනුව 2026 මාර්තු 02 සිට නව ආනයනික ගල් අඟුරු තොග භාවිතයෙන් විදුලිය ජනනය කරන ලද දිනවල රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන්, එක් එක් ඒකකය ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

**වගුව අංක : 90 රාත්‍රී කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයන් -2026 මාර්තු 02 සිට 2026 මාර්තු 16 දක්වා**

| දිනය | ඒකකය | විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්) | රාත්‍රී කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්) | සටහන |
|---|---|---|---|---|
| 2026/03/02 | 01 | 270 | 270 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 269 | - |
| 2026/03/03 | 01 | 270 | 270 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |

| | | | | |
|---|---|---|---|---|
| | 02 | 270 | 271 | - |
| | 03 | 270 | 270 | - |
| 2026/03/04 | 01 | 270 | 225 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 225 ක් විය. |
| | 02 | 270 | 255 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 255 ක් විය. |
| | 03 | 270 | 247 | ගල් අඟුරු ඇඹුරුම් ඒකක දෙකක අවහිරතා/රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 247 ක් විය. |
| 2026/03/05 | 01 | 270 | 230 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 230 ක් විය. |
| | 02 | 270 | 233 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 233 ක් විය. |
| | 03 | 270 | 159 | ගල් අඟුරු ඇඹුරුම් ඒකක අවහිරතාවලින් පසු පරීක්ෂා කිරීම/රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 159 ක් විය. |
| 2026/03/06 | 01 | 270 | 226 | ස්ටේටර් ජල සිසිලන පද්ධති නඩත්තුව./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 226 ක් විය. |
| | 02 | 270 | 205 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 205 ක් විය. |
| | 03 | 270 | 194 | ගල් අඟුරු ඇඹුරුම් ඒකක අවහිරතාවලින් පසු පරීක්ෂා කිරීම/රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 194 ක් විය. |
| 2026/03/07 | 01 | 270 | 0 | ස්ටේටර් ජල සිසිලන පද්ධති නඩත්තුව |
| | 02 | 270 | 262 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 262 ක් විය. |
| | 03 | 270 | 240 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 240 ක් විය. |
| 2026/03/08 | 01 | 270 | 0 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 0 ක් විය. |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 245 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 245 ක් විය. |
| 2026/03/09 | 01 | 270 | 251 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 251 ක් විය. |

| | | | | |
|---|---|---|---|---|
| | 02 | 270 | 269 | - |
| | 03 | 270 | 260 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 260 ක් විය. |
| 2026/03/10 | 01 | 270 | 257 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 257 ක් විය. |
| | 02 | 270 | 271 | - |
| | 03 | 270 | 263 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 263 ක් විය. |
| 2026/03/11 | 01 | 270 | 253 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 253 ක් විය. |
| | 02 | 270 | 269 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 269 ක් විය. |
| | 03 | 270 | 266 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 266 ක් විය. |
| 2026/03/12 | 01 | 270 | 252 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 252 ක් විය. |
| | 02 | 270 | 256 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 256 ක් විය. |
| | 03 | 270 | 251 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 251 ක් විය. |
| 2026/03/13 | 01 | 270 | 219 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 219 ක් විය. |
| | 02 | 270 | 231 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 231 ක් විය. |
| | 03 | 270 | 230 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 230 ක් විය. |
| 2026/03/14 | 01 | 270 | 217 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 217 ක් විය. |
| | 02 | 270 | 228 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 228 ක් විය. |
| | 03 | 270 | 230 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 230 ක් විය. |
| 2026/03/15 | 01 | 270 | 216 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 216 ක් විය. |
| | 02 | 270 | 230 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 230 ක් විය. |
| | 03 | 270 | 232 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට |

| | | | | |
|---|---|---|---|---|
| | | | | හැකි වූ ධාරිතාවය මෙගා වොට් 232 ක් විය. |
| 2026/03/16 | 01 | 270 | 214 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය./ රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 214 ක් විය. |
| | 02 | 270 | 226 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 226 ක් විය. |
| | 03 | 270 | 222 | රාත්‍රී කාර්යබහුල කාලය තුළදී ලබා ගැනීමට හැකි වූ ධාරිතාවය මෙගා වොට් 222 ක් විය. |

5.5.5.2.5 **පසුගිය සැපයුම්කරු විසින් ආනයනය කරන ලද ගල් අඟුරු තොගවල වත්මන් කාර්යසාධනය**

(අ) නව සැපයුම්කරු වෙතින් ආනයනය කරන ලද ගල් අඟුරු 2026 ජනවාරි 01 දින සිට ගොඩබාන ලද අතර එම ගල් අඟුරු තොග ගොඩබාන අතරතුර එම ගල් අඟුරුවලින් කොටසක් සෘජුවම බංකරවලට පටවන ලද අතර එම ගල් අඟුරුවලින් 2026 ජනවාරි 02 සිට ඉහත සඳහන් පරිදි ඇතැම් දිනවලදී විදුලිය ජනනය කර තිබුණු අතර මෙම කාලපරිච්ඡේදය තුළදී ද පසුගිය සැපයුම්කරු විසින් ආනයනය කරන ලද ගල් අඟුරු තොග භාවිතයෙන් ද ඇතැම් දිනවලදී විදුලිය ජනනය කර තිබුණි. 2026 ජනවාරි මාසය තුළදී පසුගිය සැපයුම්කරු විසින් ආනයනය කරන ලද ගල් අඟුරු තොග භාවිතයෙන් විදුලිය ජනනය කරන ලද දිනවල ගල් අඟුරුවල පරිභෝජන අනුපාතය පිළිබඳ තොරතුරු පහත වගුවේ දැක්වේ. **(ඇමුණුම 86)**

**වගුව අංක : 91 2026 ජනවාරි මාසය තුළදී පසුගිය සැපයුම්කරු විසින් ආනයනය කරන ලද ගල් අඟුරු තොග භාවිතයෙන් විදුලිය ජනනය කරන ලද දිනවල ගල් අඟුරුවල පරිභෝජන අනුපාතය**

| දිනය | ඒකකය අංක 01 | | | | | ඒකකය අංක 02 | | | | | ඒකකය අංක 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) | ජනනය වූ දළ විදුලි ශක්තිය (මෙ.වො.පැ) | සහායක විදුලිබල පරිභෝජනය (මෙ.වො.පැ) | පරිභෝජනය කළ ගල් අඟුරු ටොන් | පරිභෝජනය කරන ලද ඉන්ධන (ඩීසල්) ලීටර් | කි.වො.පැ එකකට කි.ග් (දිනයක සාමාන්‍ය) |
| 1/1/2026 | - | 51.07 | - | - | - | - | 34.05 | - | - | - | 7,120.89 | 635.94 | 2,587.75 | - | 0.363 |
| 1/10/2026 | - | 109.29 | - | - | - | - | 89.41 | - | 55,160.70 | - | 7,075.21 | 647.41 | 2,563.82 | - | 0.362 |
| 1/11/2026 | - | 171.27 | - | - | - | 173.23 | 86.92 | 102.19 | 188,623.41 | 0.590 | 6,453.53 | 630.76 | 2,352.48 | - | 0.365 |
| 1/12/2026 | - | 111.92 | - | - | - | 4,959.78 | 407.73 | 1,874.90 | 46,748.33 | 0.378 | 7,105.49 | 653.24 | 2,482.37 | - | 0.349 |
| 1/13/2026 | - | 60.54 | - | - | - | 7,074.17 | 555.99 | 2,512.78 | - | 0.355 | 7,011.99 | 652.89 | 2,526.07 | 727.71 | 0.360 |
| 1/14/2026 | - | 63.66 | - | - | - | 6,914.41 | 550.74 | 2,502.79 | - | 0.362 | 6,821.48 | 643.13 | 2,515.54 | - | 0.369 |
| 1/15/2026 | - | 56.20 | - | - | - | 6,065.26 | 517.51 | 2,212.54 | 16,620.98 | 0.365 | 6,264.65 | 616.47 | 2,334.10 | - | 0.373 |
| 1/16/2026 | - | 54.10 | - | - | - | 6,442.13 | 550.13 | 2,369.50 | - | 0.368 | 6,491.60 | 622.48 | 2,440.75 | - | 0.376 |
| 1/17/2026 | - | 85.14 | - | - | - | 6,572.05 | 561.17 | 2,378.83 | - | 0.362 | 6,424.08 | 623.80 | 2,377.61 | - | 0.370 |
| 1/18/2026 | - | 142.84 | - | 5,676.17 | - | 6,086.40 | 540.68 | 2,274.50 | 5,064.89 | 0.374 | 6,318.19 | 619.77 | 2,341.80 | - | 0.371 |
| 1/19/2026 | 3,790.57 | 430.51 | 1,473.94 | 78,476.65 | 0.389 | 6,645.12 | 564.12 | 2,428.54 | - | 0.365 | 6,572.73 | 621.40 | 2,424.36 | - | 0.369 |
| 1/22/2026 | 6,563.98 | 662.77 | 2,582.93 | - | 0.394 | 6,291.83 | 575.63 | 2,350.68 | - | 0.374 | 6,286.50 | 606.30 | 2,358.79 | - | 0.375 |
| 1/23/2026 | 6,774.94 | 676.57 | 2,535.84 | - | 0.374 | 6,450.25 | 572.80 | 2,286.65 | - | 0.355 | 6,387.28 | 614.90 | 2,282.47 | - | 0.357 |
| 1/24/2026 | 6,765.00 | 679.63 | 2,580.55 | - | 0.381 | 6,437.64 | 569.32 | 2,320.22 | - | 0.360 | 6,393.76 | 622.06 | 2,311.99 | - | 0.362 |
| 1/25/2026 | 6,636.94 | 666.94 | 2,561.64 | - | 0.386 | 6,208.64 | 572.39 | 2,266.08 | 145.34 | 0.365 | 6,185.31 | 604.86 | 2,266.46 | - | 0.366 |
| 1/26/2026 | 6,639.01 | 674.49 | 2,553.82 | 2,969.07 | 0.385 | 6,601.76 | 600.04 | 2,380.70 | 58.22 | 0.361 | 6,493.96 | 635.04 | 2,377.75 | - | 0.366 |
| 1/29/2026 | 6,766.29 | 668.79 | 2,566.73 | - | 0.379 | 6,431.82 | 640.24 | 2,304.46 | - | 0.358 | 6,416.32 | 622.65 | 2,316.55 | - | 0.361 |
| 1/30/2026 | 7,102.36 | 692.20 | 2,680.18 | - | 0.377 | 7,068.20 | 675.73 | 2,503.32 | - | 0.354 | 7,094.17 | 655.57 | 2,491.58 | - | 0.351 |
| 1/31/2026 | 6,780.13 | 669.65 | 2,559.48 | - | 0.377 | 6,473.50 | 647.27 | 2,318.23 | - | 0.358 | 6,405.01 | 620.71 | 2,302.82 | - | 0.360 |

(ආ) එමෙන්ම, සම්ප්‍රේෂණ අංශයේ පද්ධති පාලන අංශය විසින් දෛනිව පිළියෙළ කරනු ලබන විදුලිබල පද්ධති වාර්තා අනුව 2026 ජනවාරි මාසය තුළදී පසුගිය සැපයුම්කරු විසින් ආනයනය කරන ලද ගල් අඟුරු තොග භාවිතයෙන් විදුලිය ජනනය කරන ලද දිනවල රාත්‍රි කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයෙන් (සහයක විදුලිබල පරිභෝජනය අඩු කල පසු) එනම් මෙගාවොට් 270 ක පමණ ධාරිතාවයෙන් එක් එක් ඒකකය ක්‍රියාත්මක වූ ධාරිතාවය සහ ඊට අදාළ සටහන පහත වගුවේ දැක්වේ.

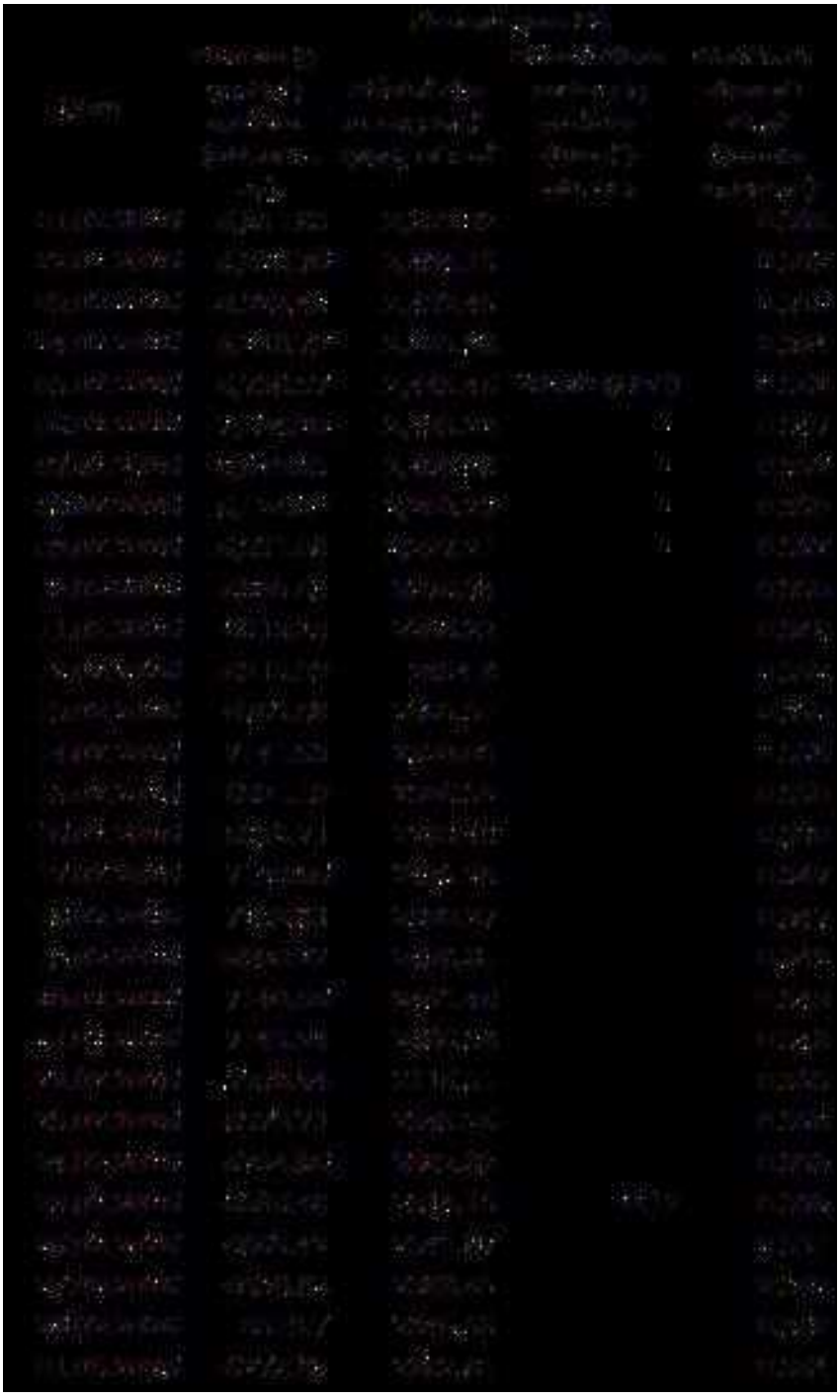
**වගුව අංක : 92 රාත්‍රි කාර්යබහුල කාලය තුළදී බලාගාරයේ එක් එක් ඒකකයකින් විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවයන් (පසුගිය සැපයුම්කරු 2026 ජනවාරි මාසයේ ආනයනය ගල්අඟුරු තොග භාවිතයෙන්)**

| දිනය | ඒකකය | විදුලිබල පද්ධතියට ලබා ගත හැකි ධාරිතාවය (මෙගා වොට්) | රාත්‍රි කාර්යබහුල කාලය තුළදී ක්‍රියාත්මක වූ ධාරිතාවය (මෙගා වොට්) | සටහන |
|---|---|---|---|---|
| 2026/01/01 | 03 | 270 | 275 | - |
| 2026/01/09 | 03 | 270 | 266 | - |
| 2026/01/10 | 03 | 270 | 267 | - |
| 2026/01/11 | 03 | 270 | 269 | - |
| 2026/01/12 | 02 | 270 | 276 | - |
| | 03 | 270 | 269 | - |
| 2026/01/13 | 02 | 270 | 276 | - |
| | 03 | 270 | 269 | - |
| 2026/01/14 | 02 | 270 | 275 | - |
| | 03 | 270 | 270 | - |
| 2026/01/15 | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/16 | 02 | 270 | 274 | - |
| | 03 | 270 | 270 | - |
| 2026/01/17 | 02 | 270 | 281 | - |
| | 03 | 270 | 270 | - |
| 2026/01/18 | 02 | 270 | 272 | - |
| | 03 | 270 | 269 | - |
| 2026/01/19 | 01 | 270 | 270 | - |
| | 02 | 270 | 275 | - |
| | 03 | 270 | 269 | - |
| 2026/01/22 | 01 | 270 | 268 | - |

| | | | | |
|---|---|---|---|---|
| | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/23 | 01 | 270 | 268 | - |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/24 | 01 | 270 | 268 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 276 | - |
| | 03 | 270 | 269 | - |
| 2026/01/25 | 01 | 270 | 269 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/26 | 01 | 270 | 269 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 270 | - |
| 2026/01/28 | 01 | 270 | 268 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 270 | - |
| 2026/01/29 | 01 | 270 | 269 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 269 | - |
| 2026/01/30 | 01 | 270 | 269 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 270 | - |
| 2026/01/31 | 01 | 270 | 270 | ඇඹුරුම් ඒකකවල ක්‍රියාකාරීත්වය සීමා විය. |
| | 02 | 270 | 272 | - |
| | 03 | 270 | 270 | - |

(ඇ) ඒකකය අංක 02 විසින් නඩත්තු කරන ලද ලෝග පොත අනුව 2026 පෙබරවාරි 01 දින නඩත්තු කණ්ඩායමට ඩිසුපර්හීටින් වෑල් අක්‍රියතාව නිවැරදි කළ නොහැකි බැවින් රුසියානු ගල් අඟුරු පමණක් පුරවන ලෙස CCR හි විදුලි අධිකාරී වෙත උපදෙස් දී තිබුණි. ඒ අනුව 2026 පෙබරවාරි 01 දින සිට 2026 මාර්තු 01 ප.ව 10.40 දක්වා රුසියානු ගල් අඟුරු පමණක් පුරවා තිබුණි. එම කාලය තුළදී ගල් අඟුරු පරිභෝජන අනුපාතයන් පහත වගුවේ දැක්වෙන අතර එම අනුපාතයන් සාමාන්‍ය ගල් අඟුරු පරිභෝජන අනුපාතය වූ ගල් අඟුරු ග්‍රෑම් 375 ක අගයට වඩා අඩු අගයක් ගෙන තිබුණි. **(ඇමුණුම 86)**

වගුව අංක : 93 රුසියානු ගල් අඟුරු පමණක් පිරවූ විට 2026 පෙබරවාරි 01 දින සිට 2026 මාර්තු 01 දක්වා කාලය තුළදී ගල් අඟුරු පරිභෝජන අනුපාතයන්



## 6. නිරීක්ෂණ

### 6.1 ලංසු ලේඛන ඉදිරිපත් කිරීම

**6.1.1** ඉහත 5.4.3.2.2 (xii) ඡේදයට අනුව 2025/2026 කාලපරිච්ඡේදය සඳහා ගල්අඟුරු සැපයීම වෙනුවෙන් ලංසු කැඳවීම **ලියාපදිංචි සැපයුම්කරුවන්ගෙන්** සිදුකරන බවත්, **ලියාපදිංචි සැපයුම්කරුවන්ට** එදිනම පරිශීලනය සඳහා ලංසු ලේඛන විද්‍යුත් තැපෑල මඟින් යොමුකරන බවත්, 2025 අගෝස්තු 20 දින කුරියර් සේවාව මඟින් **ලියාපදිංචි සැපයුම්කරුවන්ට** ලංසු ලේඛන යැවීමට කටයුතු කරන බවත් 2025 අගෝස්තු 18 දිනැති ලංසු කැඳවීම් දැන්වීමේ දක්වා තිබුණද, ඉහත වගුව අංක 05 දැක්වෙන පරිදි එලෙස ලංසු කැඳවීමේ දැන්වීම පළකරන අවස්ථාව වන 2025 අගෝස්තු 18 දින වන විට සම්පූර්ණ ලියාපදිංචි ගාස්තුව ගෙවා ලියාපදිංචිය තහවුරු කර ගැනීමට අපොහොසත් වූ Trident Chemphar Limited සමාගම සහ 2025 අගෝස්තු 19 වන දින මුදල්ගෙවා ලියාපදිංචිය තහවුරු කර ගත් PANACAPE TRADING DMC සමාගම වෙත ලියාපදිංචි සැපයුම්කරුවන් ලෙස සලකා 2025 අගෝස්තු 18 දින විද්‍යුත් තැපෑල මඟින් හා 2025 අගෝස්තු 19 දින කුරියර් සේවාව මඟින් ලංසු ලේඛන යැවීමට ලංකා ගල්අඟුරු සමාගම කටයුතු කර තිබුණු බව නිරීක්ෂණය විය.

**6.1.2** තවද ඉහත වගුව අංක 06 හි දැක්වෙන පරිදි මෙම ප්‍රසම්පාදනය සඳහා තෝරාගන්නා ලද Trident Chemphar Limited සමාගම සම්පූර්ණ ලියාපදිංචි ගාස්තුව වූ එ.ජ.ඩො 5,000 ක මුදල ගෙවූ බවට සහතික කරමින් ගල් අඟුරු සමාගම 2025 අගෝස්තු 22 දින කුවිතාන්සියක් නිකුත් කර තිබුණු අතර ඒ අනුව මෙම සැපයුම්කරුගේ ලියාපදංචිය එදින සම්පූර්ණ වී තිබුණු බව නිරීක්ෂණය විය.

**6.1.3** ඒ අනුව 2025/2026 කාලපරිච්ඡේදය සඳහා ලක්විජය බලාගාරය සඳහා ගල්අඟුරු මෙ.ටො මිලියන 1.5 ක් සැපයීමට කොන්ත්‍රාත්තුව ප්‍රදානය කරන ලද Trident Chemphar Limited සමාගම 2025 අගෝස්තු 18 එනම් ලංසු කැඳවන දින වන විට නියමිත පරිදි ලියාපදිංචි ගාස්තු ගෙවා සමාගමෙහි ලියාපදිංචි නොවූ සැපයුම්කරුවකු බව විගණනයේදී නිරීක්ෂණය වූ අතර මෙම සැපයුම්කරුද ඇතුළත්ව. ඉතා දීර්ඝ ඇගයීම් ක්‍රියාපටිපාටියක් මඟින් සුදුසුකම් ලත් සැපයුම්කරුවන් තෝරා ගෙන තිබියදී හා ඉතා කරඟකාරී අවස්ථාවක ඉහත 5.4.3.2.1 (vi) හි දැක්වෙන පරිදි ලියාපදිංචි ගාස්තු ගෙවීමේ වැදගත්කම අවධාරණය කර තිබියදීත් විධිමත් පරිදි ලියාපදිංචි ගාස්තු ගෙවා ලියාපදිංචිය සම්පූර්ණ කිරීමට අපොහොසත් වූ සැපයුම්කරුවෙකු වෙත අවස්ථාව ලබා දී තිබුණු බව විගණනයේදී නිරීක්ෂණය විය. තවද, ගල්අඟුරු සැපයීම සඳහා හැකියාව ඇති ලියාපදංචි වීමට ඉල්ලීම් කල නොහැකි වූ අනෙකුත් සැපයුම්කරුවන් හට මෙම අවස්ථාව ලබා නොදීම තුල ප්‍රසම්පාදන මූලධර්මයක් වූ සාධාරණත්වය නැමති මූලධර්ය කඩවී ඇති බවත් විගණනයට නිරීක්ෂණය විය.

### 6.2 ලංකා ගල්අඟුරු සමාගම මිලදී ගන්නා ගල්අඟුරු ප්‍රමිතිය පරීක්ෂා කිරීම

6.2.1 2025/2026 කාලපරිච්ඡේදය සඳහා ඉන්දියන් සමාගමක් වන Trident Chemphar Limited සමාගමෙන් ගල් අඟුරු මෙ.ටො මිලියන 1.5 ± 10% ආනයනයේ දී 2026 මාර්තු 11 දින වන විට ලංකාවට ගොඩබා ඇති ගල් අඟුරු නැව් තොග 12 ක් සම්බන්ධයෙන් බලාගාරයෙහි පාලන ඒකකය (Control Unit) අනුව ලබා දෙන ධාරිතාවය පූර්ණ ධාරිතා මට්ටම ළඟා වී නොතිබිය දී හා ගල් අඟුරු තොගයෙහි ප්‍රමිතිය පිළිබඳව පාර්ලිමේන්තු අනුකමිටු තුල, හා සමාජය තුල අභියෝගයට ලක් වී තිබියදී ඉහත 5.5.1.1.1 (iii) ඡේදය ප්‍රකාරව ගැණුම්කරුට විකුණුම්කරුට පිළිගත හැකි තවත් ස්වාධීන පරීක්ෂකවරයෙකු පත් කිරීමට අවස්ථාව පවතින විට එම අවස්ථාව

භාවිතා කිරීමට ලංකා ගල්අඟුරු සමාගම කටයුතු කර නොතිබුණු බව නිරීක්ෂණය විය.තවද සෑම නැව්ගත කිරීම් පහකට ආසන්න වශයෙන් එක් වරක් පදනම මත ගැණුම්කරුගේ බලයලත් නියෝජිතයින් දෙදෙනෙකුට අහඹු පදනමක් මත පැටවීමේ වරායේ දී නියැදීම හා විශ්ලේෂණ ක්‍රියාවලිය අධීක්ෂණය කිරීමට විකුණුම්කරු විසින් පහසුකම් සැපයන බවට එකඟ වී තිබියදීත් මෙම ප්‍රශ්ණ ගත ගල්අඟුරු නැව් තොග සම්බන්ධයෙන් එවැනි පරීක්ෂාවක් කර අදාල සැපයුම්වල ගුණාත්මකභාවයෙහි ගැටළු පවතීනම් එම තත්ත්වය නිවැරදි කර ගැනීමට ලංකා ගල් අඟුරු සමාගම කටයුතු කර නොමැති බව විගණනයේ දී නිරීක්ෂණය විය.

6.2.2 මීට අමතරව විකුණුම්කරුගේ සහය ඇතිව ඉහත 5.5.1.1.1 ( ii ) ඡේදයෙහි සඳහන් දෙවන සාම්පලය (Umpire Sample) පරීක්ෂා කිරීමට ලබා දී ඇති අවස්ථාව භාවිතා කිරීම තුලින් පවත්නා තත්ත්වය නිවැරදි කර ගැනීමට තවදුරටත් සමාගමට තිබූ අවස්ථාවද භාවිතා කර නොමැති බව විගණනයේදී නිරීක්ෂණය විය.

6.2.3 ඉහත 5.5.5.2 (iii) ඡේදයෙහි පරිදි ලංකා ගල් අඟුරු සමාගමේ සාමාන්‍යාධිකාරී විසින් 2025 දෙසැම්බර් 23 දින Trident champhar Limited සමාගමේ අධ්‍යක්ෂක වෙත යවන ලද ලිපිය මගින් ගල් අඟුරු ප්‍රමිති පරීක්ෂාව PT Mitra SK Analisa Testama Samarinda (Indonesia) වෙත පැවරීමට එකඟ වී තිබුණි. එලෙස එම ප්‍රමිති පරීක්ෂාව උක්ත ඉන්දුනීසියානු සමාගම වෙත පවරා තිබුණද 2026 මාර්තු 11 වන විට ගොඩබාන ලද නැව් තොග 12 ටම අදාලව පැටවුම් වරායේ ගල් අඟුරු පරීක්ෂණ වාර්තා ඉහත 5.5.5.2. (iv) (අ) හි සඳහන් වෙනත් කාර්යයක් සඳහා වගකීම පවරන ලද Mitra SK South Africa (Pty) Ltd සමාගම මගින් නිකුත් කර ඇති බව නිරීක්ෂණය වූ අතර PT Mitra SK Analisa Testama Samarinda (Indonesia) සමාගම විසින් අත්සන් කරන ලද ගල් අඟුරු පරීක්ෂණ වාර්තා කිසිවක් විගණනයේදී නිරීක්ෂණය නොවීය. කෙසේ වුවද පැටවුම් වරායේ ගල් අඟුරු පරීක්ෂණ වාර්තා අත්සන් කර නිකුත් කර තිබූ Mitra SK South Africa (Pty) Ltd වෙත අවශ්‍ය කරන ප්‍රමිතීන්වලට යටත්ව ගල් අඟුරු සාම්පල පරීක්ෂා කිරීම සඳහා ප්‍රතීතනතාවයක් නොතිබුණු බව නිරීක්ෂණය විය.

6.2.4 එමෙන්ම, ගිවිසුමේ 3.4.3 (a) වගන්තිය ප්‍රකාරව පැටවුම් වරායේ පරීක්ෂණ වාර්තා මත පදනම්ව ගැණුම්කරු විසින් නැව් තොග පිළිගැනීම හෝ ප්‍රතික්ෂේප කිරීම තීරණය වන බැවින් එම වාර්තා ඉතා තීරණාත්මක වන අතර ඉහත 5.5.5.2 iii ඡේදයේ දැක්වෙන පරිදි ගොඩබාන වාරයේ පරීක්ෂක වන Cotecna, India සමාගමෙන් අවසාන බැදීමට යටත්වන වාර්තා ලබාගැනීම මත පදනම්ව පැටවුම් වරායේ පරීක්ෂණ වාර්තා PT Mitra SK Analisa Testama Samarinda (Indonesia) සමාගමෙන් ලබා ගැනීමට එකඟ වීමට හේතු වූ කරුණු විගණනයේදී අනාවරණය නොවීය.

තවද, ඉහත පැටවුම් වරායේ ගල් අඟුරු පරීක්ෂණය සඳහා එකඟ වී ඇති PT Mitra SK Analisa Testama Samarinda (Indonesia) සමාගමේ ප්‍රතීතන බලපත්‍රය 2025 දෙසැම්බර් 29 දින කල්ඉකුත් වී තිබුණද එම බලපත්‍රය අළුත්කර ලංකා ගල්අඟුරු සමාගම වෙත 2026 මාර්තු 31 දින වන විටත් ඉදිරිපත් කිරීමට කටයුතු කර නොතිබුණි.

6.2.5 ශ්‍රී ලංකාවට ආනයනය කරන ලද නැව් 09 ක ගෙන එන ගල්අඟුරු පැටවුම් වරායේදී (Loading Port) බොහොමයක් පරාමිතීන් නියමිත ප්‍රමිතියට (සම්මත අගයන්ට) අනුකූල නොවුණද ප්‍රතික්ෂේපිත මට්ටමෙහි නොවන බව විකුණුම්කරු විසින් පත්කරන ලද ඉහත 5.5.5.2 (i) ඡේදයෙහි සඳහන් ස්වාධීන පරීක්ෂකවරයකු වන Mitra SK South Africa (Pty) Ltd සමාගම සහතික වී තිබුණි. තවද, ආනයනික නැව් 12 ක් අතුරින් නැව් 09 ක (පළමු, නවවන හා දොළොස්වන නැව හැර) ගෙන එන ගල්අඟුරු ගොඩබෑමේ වරායේ දී (Unloading Port)

බොහොමයක් පරාමිතීන් නියමිත ප්‍රමිතියට (සම්මත අගයන්ට) අනුකූල නොවුණද ප්‍රතික්ෂේපිත මට්ටමෙහි නොවන බව Cotecna Inspection India (Pvt) Ltd සමාගම සහතික කර තිබුණි. නමුත් ලක්විජය බලාගාරයෙහි පාලන ඒකකය සඳහන් වන තොරතුරු අනුව මෙම ගල්අඟුරු තොගයෙන් අපේක්ෂිත ධාරිතාවයෙන් විදුලිය නිපදවීමට නොහැකි වී තිබියදී ඉහත 5.5.1.1.1(ii) (iii) ඡේදයෙන් ගැණුම්කරුට ලබා දී ඇති අවස්ථාවන් භාවිතා නොකිරීම තුල මෙම ස්වාධීන වාර්තාවන් මත පමණක් පදනම්ව ගුණාත්මකභාවය තහවුරු කර ගැනීම සම්බන්ධයෙන් විගණනයට එකඟ විය නොහැක.

**6.3 සැපයුම්කරුවන් ලියාපදිංචි කිරීමේ නිර්නායක**

6.3.1 ලක්විජය බලාගාරය සඳහා භාවිතා කිරීමට නියමිත ගල්අඟුරු තොගයන්හි සම්මත දළ තාපජනන අගය (GCV) සැපයුම්කරු සමඟ ඇති කරගන්නා ලද ගිවිසුමට අනුව ඉහත වගුව අංක 13 හි පරිදි 6,150 kcal/kg ක් වුවද ලංකාවට ගල්අඟුරු සැපයීම සඳහා සැපයුම්කරුවන් ලියාපදිංචි කිරීමේ නිර්නායක ඇතුලත් කිරීමේ දී ඉහත 5.4.3.2.1 (iii) ඡේදය පරිදි පසුගිය මාස 36 තුල ගල්අඟුරු සැපයීමේ දී සපයා තිබුණු මෙට්‍රික්ටොන් 500,000 ක ප්‍රමාණයෙන් මෙට්‍රික්ටොන් 100,000 ක් ප්‍රතික්ෂේපිත මට්ටම වූ 5,900 kcal/kg හෝ ඊට වැඩි ලෙස ඇතුලත් කිරීම හේතුවෙන් දළ තාපජනන අගය ප්‍රතික්ෂේපිත මට්ටම හෝ ඊට ආසන්න මට්ටමෙහි ගල්අඟුරු සපයා පළපුරුද්ද ඇති සැපයුම්කරුවන්ටද මෙම බලාගාරය සඳහා ගල්අඟුරු සැපයීමට අවස්ථාව සලසා දී ඇති බව නිරීක්ෂණය විය.

6.3.2 ඒ අනුව 2025/2026 කාල පරිච්ඡේදයට අදාලව ගල්අඟුරු සැපයීමට තෝරා ගන්නා ලද Trident Chemphar Limited නම් සැපයුම්කරු ඉහත වගුව 04 හි දැක්වෙන පරිදි ලියාපදිංචියට පෙර සපයා තිබුණු ගල්අඟුරු තොගයන්හි ඉහළම දළ තාපජනන අගය (GCV) 5900 kcal/kg ත් 6000 kcal/kg ත් පරාසයක පැවති අතර එම ප්‍රමාණය මෙට්‍රික් ටොන් 291,840 ක් වී තිබුණි. තවද සපයා තිබුණු ගල් අඟුරු මෙට්‍රික් ටොන් 1,871,771 ක් අතුරින් මෙට්‍රික් ටොන් 1,579,931 ක් දළ තාපජනන අගය (GCV ) 4,900 kcal/kg ත් 5,900 kcal/k ත් අතර පැවති බව නිරීක්ෂණය විය.

6.3.3 ඉහත වගුව අංක 25 අනුව 2025/2026 වාරය තුලදී මෙම සමාගම සපයන ලද ගල්අඟුරු නැව් තොග 09 ක ගොඩබෑමේ වරායේදී ලබා ගන්නා වාර්තා පරීක්ෂා කිරීමේ දී සපයා ඇති ගල්අඟුරු තොගයන්හි දළ තාපජනන අගය ඉහත සඳහන් මෙම බලාගාරයට සුදුසු යැයි හඳුනාගෙන තිබුණු සම්මත මට්ටමට වූ ඉහත වගුව අංක 13 හි සඳහන් දළ තාපජනන අගය (GCV) 6,150 kcal/kg හෝ ඊට වැඩි තාපජනන අගයකින් යුක්තව කිසිදු අවස්ථාවක සපයා නොමැති බවද වැඩිදුරටත් විගණනයට නිරීක්ෂණය විය.

6.3.4 තවද, මෙම ප්‍රසම්පාදනය සඳහා තෝරා ගන්නා ලද සැපයුම්කරු වූ Trident Chemphar Limited හැරුනු විට 2023 වර්ෂයේ ලියාපදිංචි කරන ලද හා 2025/2026 කාලපරිච්ඡේදය සඳහා මිලගණන් ඉදිරිපත් කරන ලද සැපයුම්කරුවෙකු වූ Taranjot Resource (pvt) Ltd. සමාගම සැපයුම්කරු ලියාපදිංචිය සඳහා සලකා බලන ලද මාස 36 ක කාලය තුල සපයා තිබුණු ගල් අඟුරු මෙ.ටො. 1,115,900 ක ප්‍රමාණයෙහිම, දළ තාපජනන අගය (GCV) 5,900 kcal/kg ක ප්‍රතික්ෂේපිත මට්ටමටද පහල අගයන් ගෙන තිබුණු බව ඉහත 5.4.3.2.1 (v) ඡේදය අනුව නිරීක්ෂණය විය.

6.3.5 තවද 2023 ලියාපදිංචිය ලබා දුන් PT Fawad Trading & Construction සමාගම දළ තාපජනන අගය (GCV) 5,900 kcal/k හෝ ඊට ඉහළ අගයක සපයන ලද ගල් අඟුරු තොග පිලිබඳ තොරතුරු ඉදිරිපත් කර නොතිබුණි. ඒ අනුව අදාල නිර්නායක සපුරාලීමට අපොහොසත් වූ සමාගම් සැපයුම්කරුවන් ලෙස ලියාපදිංචි කර ගැනීමට තාක්ෂණික ඇගයුම් කමිටුව නිර්දේශ කිරීමත්, ප්‍රසම්පාදන කමිටුව එය අනුමත කිරීමටත් කටයුතු කර තිබුණු බව විගණනයට නිරීක්ෂණය විය.

6.3.6 ඉහත 5.4.3.2.1 (ii) ඡේදයෙහි දැක්වෙන පරිදි 2023 වර්ෂය දක්වා වූ සැපයුම්කරුවකු ලියාපදිංචි කිරීමේ නිර්නායක සලකන විට ලියාපදිංචිය සඳහා අයදුම්කරනු ලබන සැපයුම්කරුවෙකුට අවසාන මාස 36 තුල අවම වශයෙන් ගල්අඟුරු මෙ.ටො 1,000,000 සැපයීමේ පලපුරුද්ද තිබිය යුතු අතර එයින් අවම මෙ.ටො 500,000 ක් දළ තාපජනන අගය (GCV) 5,900 kcal/kg ක් හෝ ඊට වැඩි අගයක් ගත යුතු බවට සඳහන් කර තිබුණද ඉන් පසුව වර්ෂයේදී මෙම නිර්ණායකය, අවසාන මාස 36 තුල අවම වශයෙන් ගල්අඟුරු මෙ.ටො 500,000 සපයා තිබීමේ පලපුරුද්ද තිබිය යුතු බවටත් දළ තාපජනන අගය ( GCV) 5,900 kcal/kg ක් හෝ ඊට වැඩි අගයක් තිබිය යුතු වටිනාකම මෙ.ටො 100,000 ක් වැනි පිළිගත නොහැකි මට්ටමක් දක්වා ලිහිල් කර තිබුණි. නමුත් එවැනි ලිහිල් කිරීමක් සිදුකිරීමේ දී යම් නීතිමය හා තාක්ෂණික උපදෙස් මත සාධාරණ විශ්ලේෂණයකින් පසු සිදුකිරීමට වගකිව යුතු පාර්ශව කටයුතු කර තිබුනේද යන්න විගණනයට නිරීක්ෂණය නොවුණි.

6.3.7 ලක්විජය බලාගාරය සඳහා ගල්අඟුරු සැපයීම සඳහා සැපයුම් කරුවන් ලියාපදිංචි කිරීම සඳහා දැන්වීම් පලකිරීමේ දී ඉහත 5.4.3.2.1 (ii) ඡේදය අනුව එලෙස ලියාපදිංචිය සඳහා සුදුසු සැපයුම්කරුවන් සපුරා තිබිය යුතු එක් නිර්නායකයක් ලෙස ලියාපදිංචියට ආසන්න වර්ෂ තුනක කාලය තුල සපයා තිබුණු මුළු ගල් අඟුරු ප්‍රමාණයෙන් යම් ප්‍රමාණයක් දළ තාපජනන අගය (GCV) 5,900 kcal/k හෝ ඊට ඉහළ අගයක් ගෙන තිබීම සලකා තිබුණද ඉහත 5.5.3.1 ඡේදයෙහි දැක්වෙන පරිදි ලංසු ලේඛන වල අදාල සැපයුම්කරුවන් සැපයිය යුතු ගල් අඟුරු තොගයන්හි දළ තාපජනන අගය (GCV) 6,150 kcal/k (බලාගාරයෙහි ධාරිතාවයට සරිලන) ක් ලෙස සඳහන් කිරීම තුල සැපයුම්කරුවන් බලාගාරය සඳහා සැපයිය යුතු ගල්අඟුරු තොගයන්හි ප්‍රමිතිය සම්බන්ධයෙන් එකිනෙක ලේඛනයන්හි පරස්පරවිරෝධී තත්ත්වයක් ඇති බව නිරීක්ෂණය විය.

6.3.8 ලක්විජය බලාගාරය සඳහා වසර 03 ක් සඳහා එකවර ලියාපදිංචිය වලංගු වන සේ සැපයුම්කරුවන් ලියාපදිංචි කර ගැනීම මඟින් සැපයුම්කරුගේ මූල්‍ය ශක්‍යතාවය සහ ආසන්න වසර 03 ක් තුළ දී ගල් අඟුරු සැපයීමේ පළපුරුද්ද වැනි ප්‍රධාන නිර්ණායක වාර්ෂිකව නැවත ඇගයීමට ලක් නොවන බැවින් සහ ගැණුම්කරු විසින් සැපයුම්කරුගේ පූර්ව සුදුසුකම් යාවත්කාලීනව පරීක්ෂාවකට ලක් නොකරන බැවින් (යම් හෙයකින් සැපයුම්කරු බුන්වත් වුවහොත්, අසාදු ලේඛන ගත වුවහොත්) තවදුරටත් සැපයුම්කරු සුදුසුකම් ලත් සැපයුම්කරුවෙකුද යන්න පිළිබඳව තහවුරුකර ගැනීමට නොහැකි විය.

### 6.4 නීතිපති එකඟතාවය ලබාගැනීම

තවද, මෙම 2025/2026 කාල පරිච්ඡේදයට අදාල ගල්අඟුරු සැපයීම සඳහා තෝරාගත් Trident Chemphar Limited සමාගම සමඟ අත්සන් කිරීමට සකස් කරන ලද කෙටුම්පත් ගිවිසුම සඳහා නීතිපති දෙපාර්තමේන්තුවෙහි එකඟතාවය ඉහත 5.4.3.2.2 (xxv) ඡේදයෙහි පරිදි 2025 නොවැම්බර් 20 දින ලැබී තිබුණු නමුත් එදිනට පෙර එනම් 2025 නොවැම්බර් 19 දින නීතිපති

එකඟතාවය ලබා දීමට ද පෙර සැපයුම්කරු සමඟ ගිවිසුම්ගත වීමට කටයුතු කර තිබුණු බව නිරීක්ෂණය විය.

## 6.5 ගල්අඟුරු නිසි ප්‍රමිතියට නොමැති වීම හේතුවෙන් සිදුවිය හැකි බලපෑම

6.5.1 2025/2026 වාරය සඳහා Trident Chemphar Limited විසින් සපයන ලද ගල්අඟුරු භාවිතා කර විදුලිය ජනනය කිරීමේ දී විදුලි කිලෝවොට් පැය 1 ක් ජනනය කිරීම සඳහා අවශ්‍ය ගල්අඟුරු ප්‍රමාණය ඉහත 5.5.5.2.3 ඡේදයෙහි පරිදි ග්‍රෑම් 375 ක් ලෙස සැලකූ විට එම ප්‍රමාණය ඉහළයාම හේතුවෙන් අධිපරිභෝජනය මත සිදු වූ මුළු ඇස්තමේන්තුගත අලාභය විගණනයේ ගණනය කිරීම මත රු.මිලියන 2,237.7 ක් වී තිබුණු බව නිරීක්ෂණය විය.

**වගුව අංක : 94 ගල්අඟුරු අධිපරිභෝජනය මත සිදුවිය හැකි ඇස්තමේන්තුගත අලාභය**

| වගුව අංකය | නැව් බඩු තොග අංකය | ගල් අඟුරු අධි පරිභෝජනයෙන් සිදුවිය හැකි අලාභය රු.මිලියන |
|---|---|---|
| 38 | 456 | 163.5 |
| 44 | 457 | 94.6 |
| 51 | 458 | 310.7 |
| 58 | 459 | 155.9 |
| 64 | 460 | 179.1 |
| 70 | 461 | 299.0 |
| 76 | 462 | 245.7 |
| 82 | 463 | 392.5 |
| 88 | 464 | 396.6 |
| **එකතුව** | | **2,237.7** |

6.5.2 තවද, අදාල ගල් අඟුරු භාවිතයෙන් පූර්ණ ධාරිතාවය එනම් මෙගා වොට් 300 ක ධාරිතාවය ලබා ගැනීමට නොහැකිවීම මත විකල්ප මූලාශ්‍රයකින් අතිරේක බලශක්තිය ප්‍රමාණයක් සපයා ගැනීමට සිදුවුහොත් ඉහත 5.5.4.2.3 (ඇ) ඡේදයෙහි සඳහන් පරිදි විගණනය විසින් විකල්ප අවස්ථාවන් දෙකක් යටතේ අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය ගණනය කරන ලදී. ඒ අතුරින් විකල්ප 01 අවස්ථාව අනුව (දෛනිකව පැය 24 ක් පුරාම පූර්ණ ධාරිතාවය අවශ්‍ය වේ යැයි සැලකූ විට) පහත වගුවෙහි සඳහන් පරිදි අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය කිලෝවොට් පැය 114,531,131 වන අතර 02 වන විකල්ප අවස්ථාව අනුව (පද්ධති පාලන ඒකකය විසින් දෛනිකව බලාගාරයෙන් පැය 16 ක කාලයක් සඳහා පූර්ණ ධාරිතාවයෙන් විදුලිය ඉල්ලුම් කිරීම සැලකූ විට) පහත වගුවෙහි සඳහන් පරිදි අතිරේකව සපයා ගත යුතු ඇස්තමේන්තුගත බලශක්තිය ප්‍රමාණය කිලෝවොට් පැය 76,354,087 වේ.

වගුව අංක **95** වෙනත් මූලාශ්‍රයකින් අතිරේක බලශක්තිය ප්‍රමාණයක් සපයා ගැනීමට සිදුවුවහොත් ඇස්තමේන්තුගත අතිරේකව සපයා ගත යුතු බලශක්ති ප්‍රමාණය

| වගු අංකය | නැව් බඳු තොග අංකය | පූර්ණ ධාරිතාවය සපුරා ගැනීමට නොහැකි වීමෙන් ඇස්තමේන්තුගත අතිරේකව සපයා ගත යුතු බලශක්තිය ප්‍රමාණය කි.වො.පැය | |
|---|---|---|---|
| | | **01** වන අවස්ථාව (දෛනිකව පැය **24** පුරා බලාගාරය ක්‍රියාත්මක කිරීමට සිදු වූ විට) | **02** වන අවස්ථාව (දෛනිකව පැය **16** ක් බලාගාරය ක්‍රියාත්මක කිරීමට සිදු වූ විට) |
| 39 | 456 | 6,727,148 | 4,484,765 |
| 45 | 457 | 4,219,806 | 2,813,204 |
| 52 | 458 | 18,406,723 | 12,271,148 |
| 59 | 459 | 5,219,636 | 3,479,758 |
| 65 | 460 | 7,438,768 | 4,959,179 |
| 71 | 461 | 16,470,219 | 10,980,146 |
| 77 | 462 | 12,638,469 | 8,425,646 |
| 83 | 463 | 22,658,492 | 15,105,661 |
| 89 | 464 | 20,751,869 | 13,834,580 |
| **එකතුව** | | **114,531,131** | **76,354,087** |

6.5.3 ගොඩබාන ලද නව ආනයනික ගල් අඟුරුවල පවතින පිරිවිතරයන් ලංකා ගල්අඟුරු සමාගමෙහි සම්මත අගයන් සපුරන්නේ නොමැති නමුත් ලංකා ගල් අඟුරු සමාගම විසින් ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන් තුළට අයත් නොවන විටදී (වගුව අංක 14 හි සඳහන් පරිදි) සහ ගොඩබාන ලද නව ආනයනික ගල් අඟුරුවල පවතින පිරිවිතරයන් ලංකා ගල් අඟුරු සමාගම විසින් ගල් අඟුරු ප්‍රතික්ෂේප කිරීමේ අගයන් තුළට අයත් වන විටදී (වගුව අංක 15 හි සඳහන් පරිදි) දඩ මුදල් අයකිරීම ගිවිසුම ප්‍රකාරව සිදු කරනු ලබන අතර ඒ අනුව පහත වගුවේ සඳහන් පරිදි සැපයුම්කරුගෙන් අයකර ගත හැකි දඩ මුදල රු. මිලියන 2,332.5 ක් බව නිරීක්ෂණය විය.

**වගුව අංක 96 පරාමිතීන්ට අනුකූල නොවීම මත සැපයුම්කරුගෙන් අයකර ගත හැකි දඩමුදල**

| වගු අංකය | නැව් බඩු තොග අංකය | අයකර ගත හැකි දඩ මුදල රු.මිලියන |
|---|---|---|
| 34 | 456 | 644.7 |
| 40 | 457 | 135.3 |
| 46 | 458 | 150.4 |
| 53 | 459 | 107.1 |
| 60 | 460 | 155.0 |
| 66 | 461 | 158.2 |
| 72 | 462 | 134.5 |
| 78 | 463 | 168.8 |
| 84 | 464 | 678.5 |
| **එකතුව** | | **2,332.5** |

## 6.6 ගල්අඟුරු නැව්තොග සැලසුම්කළ කාලපරිච්ඡේදය තුල ලබා ගැනීම

6.6.1 2025 /2026 ප්‍රසම්පාදනය 2025 සැප්තැම්බර් 15 සිට 2026 අප්‍රේල් දක්වා සැලසුම් කර තිබීමත් 2024/2025 වර්ෂයට අදාල ගල් අඟුරු සැපයුම් ගිවිසුම අනුව පැමිණිය යුතු අවසාන නැව් තොගය 2025 නොවැම්බර් 13 වන දින පැමිණීමට සැලසුම් කර තිබීමත්, ඉහත 5.4.3.2.2( x) ඡේදයෙහි සඳහන් LCC/23/Prop/I යටතේ අතිරේක ගල් අඟුරු 225,000MT ක් (නැව් ගත කිරීම 05 ක්) එනම් 10% Plus option quantity මිලදී ගැනීම සඳහා ආරම්භ කරන ලද ප්‍රසම්පාදනය අවලංගු කිරීමත් සමඟ 2025 නොවැම්බර් 13 සිට 2025/2026 වාරය තුල ගල් අඟුරු සැපයුම්කරු වූ Trident Chemphar Limited පළමු නැව ගෙන ඒමට සැලසුම් කළ දිනය වූ 2025 දෙසැම්බර් 22 දක්වා වූ කාලපරිච්ඡේදය තුල ගල් අඟුරු සපයා ගැනීමට සැලසුම් කිරීමට අපොහොසත් වී තිබුණි. තවද ඉහතින් දැක්වෙන පරිදි 2025 /2026 ප්‍රසම්පාදනයෙන් 2025 නොවැම්බර් 13 දින සිට ගල්අඟුරු සපයා ගැනීමට හැකිවන ලෙස ප්‍රසම්පාදන ක්‍රියාවලිය ආරම්භ කල යුතු වුවත් ප්‍රසම්පාදන ක්‍රියාවලියෙහි පැවති ප්‍රමාදය හේතුවෙන් එම ප්‍රසම්පාදනයෙහි පලමු නැව 2025 දෙසැම්බර් 30 දින එනම් දින 07 ක් ප්‍රමාද වී ලංකාවට පැමිණ තිබුණි. තවද 2026 මාර්තු 20 දින වන විට නැව් තොග 18 ක් 2025/2026 සඳහා වූ ප්‍රසම්පාදනයෙන් ලබාගැනීමට සැලසුම් කර තිබුණද නැව්තොග 12 ක් පමණක් ගොඩබැම සම්පූර්ණ කර තිබුණු බව නිරීක්ෂණය විය.

6.6.2 සාමාන්‍යයෙන් ලිත් වර්ෂයක සැප්තැම්බර් සිට ඊළඟ ලිත් වර්ෂයේ අප්‍රේල් දක්වා වූ කාලපරිච්ඡේදයේ දී පමණක් ලංකාවට ගල්අඟුරු නැව් පැමිණීමේ හැකියාව පැවතිය දී එම කාලසීමාවට අයත් වූ 2025 නොවැම්බර්/දෙසැම්බර් මාසයන් තුලදී දින 40 ක කාලසීමාවක් තුල ගල් අඟුරු තොග ගෙන ඒමට සැලසුම් නොකිරීම මෙන්ම ඉදිරියේදී ඇති විය හැකි පාලනය කල නොහැකි සිදු වීම් මත ගල් අඟුරු ගෙන ඒමට නොහැකි වුවහොත් එය අඛණ්ඩ විදුලිබල සැපයුමකට අවාසි සහගත ලෙස බලපෑ හැකි බව විගණනයට නිරීක්ෂණය විය.

6.6.3 ඒ අනුව මෙම ගල්අඟුරු තොග නියමිත කාලයට සැපයීමට නොහැකි වීම මත ක්ෂණික ප්‍රසම්පාදනයෙන් (Spot Tender) මෙට්‍රික් ටොන් 300,000±10% ක් මෙට්‍රික් ටොන් 1 ක් එ.ජ.ඩො 118 බැගින් (FOB) මිලදී ගැනීමට 6.3.4 ඡේදයෙහි සඳහන් ලියාපදිංචියට පෙර සපුරා තිබිය යුතු සමාගම විසින් අපේක්ෂා කරන ලද ප්‍රමිතියට හෝ ගල්අඟුරු සැපයීමට අපොහොසත් වී තිබුණු Taranjot Resource (pvt) Ltd සමඟ 2026 මාර්තු 30 දින ගිවිසුම්ගත වී තිබුණු බව නිරීක්ෂණය විය.

## 07. නිර්දේශ

7.1 පැවවුම් වරායේදී විකුණුම්කරු පත්කරනු ලබන ස්වාධීන පරීක්ෂක විසින් නිකුත් කරනු ලබන වාර්තාවන්හි නිවැරදිභාවය සහතික කර ගැනීම සඳහා ගැණුම්කරුට විකල්ප අවස්ථාවන් ලබා දී ඇති අතර එම අවස්ථාවන් අවස්ථානෝචිත පරිදි භාවිතා කරමින් සම්මත ප්‍රමිතින්ගෙන් තොර ගල් අඟුරු රටතුලට පැමිණීම වැලැක්වීමට අවශ්‍ය පියවර ගැනීම

**(යොමුව: 6.2.1, 6.2.2)**

7.2 විකුණුම්කරු විසින් තෝරාගන්නා ලද ස්වාධීන පරීක්ෂක අදාල කාර්යය කිරීම සඳහා සහය විශයෙන්ම අවශ්‍ය සුදුසුකම් සපුරා ඇති බවට සහතික කර ගැනීම

**(යොමුව : 6.2.3 , 6.2.4)**

7.3 ලිත් වර්ෂයක යම් නිශ්චිත කාලයකදී අයහපත් කාලගුණික තත්ත්වයන් මත ගල් අඟුරු නැව් තොග රටතුලට ගෙන ඒමට නොහැකි වන බැවින් නැව්තොග ගෙන ඒමට හැකි කාලසීමාව තුලදී අවශ්‍යතාවයට සරිලන පරිදි ප්‍රමාණවත් ගල්අඟුරු තොග මිලදී ගැනීමට හැකි ලෙස ගල්අඟුරු මිලදී ගැනීමේ ප්‍රසම්පාදන ක්‍රියාවලිය ප්‍රමාණවත් කාලරාමුවක් තුල ආරම්භ කිරීමත් ,පවත්නා නෛතික රාමුව තුල ප්‍රසම්පාදන ක්‍රියාවලිය පවත්වාගැනීමටත් කටයුතු කිරීම

**(යොමුව : 6.6.1, 6.6.2)**

7.4 යම් වර්ෂයකට හෝ යම් කාලපරිච්ඡේදයකට අදාලව ප්‍රසම්පාදනය සැපයුම්කරුවෙකු වෙත ප්‍රදානය කල පසු එම සැපයුම්කරු ලබා දී ඇති කාලසීමාවන් තුල නියමිත ගල්අඟුරු තොග සැපයීමට අපොහොසත් වීම තුල ඉදිරියේදී ඇති විය හැකි පාලනය කල නොහැකි තත්ත්වයන් මත ගණනය කල නොහැකි සමාජ, ආර්ථික හා වෙනත් බලපෑම් ඇති විය හැකි බැවින් අදාල ගල්අඟුරු නැව් තොග ගෙන ඒමට සැලසුම්කරන ලද දිනයන් තුලදීම ගෙන්වා ගැනීමට යෙදිය හැකි සෑම පියවරක්ම ගැනීමත්, නිරන්තරව පසුවිපරම් කල හැකි විධිමත් ක්‍රමවේදයක් ස්ථාපිත කිරීමට පියවර ගැනීම

**(යොමුව: 6.6.1 , 6.6.2)**

7.5 සැපයුම්කරුවන් ලියාපදිංචි කිරීමට අදාල නිර්නායක සම්පූර්ණ නොකරන ලද ගල්අඟුරු සැපයුම්කරුවන්ද ලියාපදංචි කල අවස්ථා නිරීක්ෂණය වන බැවින් සැපයුම්කරුවන් ලියාපදිංචිකිරීමේ ක්‍රමවේදය තුල පවතින එම අක්‍රමවත්භාවය ඉවත්කර සැපයුම්කරුවන් ලියාපදිංචිය ක්‍රමවත් කිරීමට අවශ්‍ය අභ්‍යන්තර පාලන විධිවිධාන ශක්තිමත් කිරීමත්,පවත්නා ඇතැම් නිශ්චිත නොවන නිර්නායක පිළිබඳව නැවත සලකා බලා නාක්ෂණික විශ්ලේෂණයකින් පසු අදාල නිර්නායකයන් නිශ්චිත කිරීම තුලින් ප්‍රශස්ථම සැපයුම්කරුවන් තෝරාගැනීමට කටයුතු කිරීම

**(යොමුව : 6.3.4 ,6.3.5)**

7.6 කායිසාධනය උපරිම පරිදි පවත්වාගැනීමට හැකිවන පරිදි හා විදුලිබල සැපයුමට බාධා ඇති නොවන පරිදි කටයුතු කිරීමට හැකි අයුරින් බලාගාරය සඳහා ගල්අඟුරු සැපයුම්කරුවන් ලියාපදිංචිය සඳහා නිර්නායක ස්ථාපිත කිරීමේ දී සම්ස්ථ ක්‍රියාවලිය තුල නිශ්චිත වූ නිර්නායක සිථාපිත කිරීම

**(යොමුව : 6.3.7)**

7.7 ලක්ෂ්‍යය බලාගාරය සඳහා දළ තාපජනන අගය 6150 kcal/ kg ක ප්‍රමිතියෙන් යුත් ගල්අඟුරු භාවිතා කරන බැවින් ගල් අඟුරු සැපයීමේ දී එම ප්‍රමිතියෙන් යුත් ගල්අඟුරු සැපයිය යුතු බවට ලංසු ලේඛන වල සඳහන් වන බැවින් මෙම බලාගාරය සඳහා ගල්අඟුරු සැපයීමේ පලපුරුද්ද පරීක්ෂා කිරීමේ දී බලාගාරයට සුදුසු ගල්අඟුරු යම් පිළිගත හැකි මට්ටමක් දක්වා සපයා නිබෙදැයි පරීක්ෂා කිරීමට කටයුතු කිරීම තුලින් බලාගාරයේ බලශක්ති නිෂ්පාදනය ඉල්ලුමට සරිලන පරිදි පවත්වා ගැනීමට හැකි පරිදි බලාගාරයට උචිත ගල්අඟුරු මිලදී ගැනීම තුලින් මිලඅධික බලශක්ති මූලාශ්‍ර වෙත යොමුවීමට ඇති අවස්ථාවන් අවම කිරීමට කටයුතු කිරීම

**(යොමුව : 6.5.2)**

7.8 සැපයුම්කරුවන්ගේ පළපුරුද්ද පරීක්ෂා කිරීමේ දී සලකා බලනු ලබන පසුගිය මාස 36 ක කාලය තුල සපයා ඇති මුළු ගල්අඟුරු මෙට්‍රික් ටොන් ප්‍රමාණය හා දළ තාපජනන අගය මෙම බලාගාරයට සුදුසු ප්‍රමිති මට්ටමෙන් සපයා තිබිය යුතු මෙට්‍රික් ටොන් ප්‍රමාණය ප්‍රමාණවත් නොවන බැවින් තාක්ෂණික උපදෙස් මත හා විශ්ලේෂණයන් මත මෙම ප්‍රමාණයන් පිළිගත හැකි ප්‍රමාණවත් මට්ටමකට ගෙන ඒමට අවශ්‍ය පියවර ගැනීම.

**(යොමුව : 6.3.6, 6.3.1)**

7.9 ගල් අඟුරු සැපයීම සඳහා ලියාපදිංචි කරන ලද සැපයුම්කරුවෙකුගේ ලියාපදිංචිය අඛණ්ඩව වර්ෂ 3 ක කාලයක් සඳහා වලංගු වන අතර වාර්ෂිකව හෝ එම සැපයුම්කරුවන් ගේ සක්‍රීයතාවය ඇගයීමට ක්‍රමවේදයක් සකස්කිරීම

**(යොමුව: 6.3.8)**

එල්.එස්.අයි.ජයරත්න

විගණකාධිපති

2026 අප්‍රේල් 02 දින

# லக்விஜய மின் உற்பத்தி நிலையத்திற்காக லங்கா நிலக்கரி கம்பனியால் மேற்கொள்ளப்பட்ட நிலக்கரி கொள்வனவு செயன்முறை மற்றும் 2025/26 காலப்பகுதிக்கான நிலக்கரி பெறுகைகள் தொடர்பான விசேட கணக்காய்வு அறிக்கை

## நிறைவேற்றுப் பொழிப்பு

வடமேல் மாகாணத்தின் கற்பிட்டி – நுரைச்சோலைப் பிரசேத்தில் அமையப்பெற்றுற்ற மெகாவோட் 900 இயலளவையுடைய இலங்கை மின்சார சபைக்குச் சொந்தமான இலங்கையின் முதன்மை மற்றும் ஒரேயொரு நிலக்கரி அனல் மின்நிலையம் லக்விஜய நிலக்கரி அனல் மின்நிலையமாக இருந்ததுடன் (LVPP) இந்த மின் நிலையம் தேசிய மின்வலு தேவையில் 30 சதவீதத்திற்கும் 40 சதவீத்திற்கும் இடையிலான அளவில் பங்களிப்பை வழங்குவதுடன் மின் நிலையத்தை செயற்படுத்துவதற்காக வருடாந்தம் நிலக்கரி மெற்றிக்தொன் மில்லியன் 2.25 அளவு தேவையாக இருந்தமையும் இனங்காணப்பட்டிருந்தது. அதன் பிரகாரம் இந்த மின் நிலையத்தில் நிலக்கரி தேவையை வழங்கும் நோக்காகக் கொண்டு லங்கா நிலக்கரி கம்பனி (LCC) ஸ்தாபிக்கப்பட்டதுடன் அந்தக் கம்பனி 2010 ஆம் ஆண்டு நிலக்கரி வழங்கும் பெறுகை நடவடிக்கைகளை மேற்கொள்கின்றது. இந்த பெறுகைகளை மேற்கொள்ளும் போது ஏற்பட்டிருந்த பிரச்சினையான நிலைமையின் அடிப்படையில் 2016 ஆம் ஆண்டின் போதும், 2022 ஆம் ஆண்டின் போதும் இரண்டு விஷேட கணக்காய்வு அறிக்கைகள் தேசிய கணக்காய்வு அலுவலகத்தால் வெளியிடப்பட்டதுடன் 2025/2026 காலப் பகுதிக்காக நிலக்கரி கொள்வனவு செய்யும் போது அந்த பெறுகைகளில் கொள்வனவு செய்யப்பட்ட நிலக்கரி கப்பல் இருப்புக்கள் எதிர்பார்த்த நியமத்தில் காணப்படாமை தொடர்பாக ஏற்பட்டிருந்த பிரச்சினையான சில நிலைமைகள் காரணமாகவும், பொதுமுயற்சிகள் குழுவினால் வேண்டப்பட்ட கோரிக்கையின் பிரகாரமும் இந்த அறிக்கையை விநியோகிப்பதற்கு நடவடிக்கை எடுக்கப்பட்டது. மேலும் 2025/2026 காலப் பகுதியில் பெறுகை செயன்முறைகள் மற்றும் வழங்கப்பட்ட நிலக்கரி தரம் தொடர்பாக கடந்த ஆண்டில் மேற்கொள்ளப்பட்ட கொள்வனவு முறைமைகள் தொடர்பாகவும் 2020-2025 ஆண்டுகளின் போது வழங்கப்பட்ட நிலக்கரி இருப்பின் தரத்தன்மை தொடர்பான பகுப்பாய்வும் இந்த அறிக்கையில் சமர்ப்பிப்பதற்கு நடவடிக்கை எடுக்கப்பட்டுள்ளது.

லங்கா நிலக்கரி கம்பனி லக்விஜய மின் நிலையத்திற்காக நிலக்கரி வழங்கும் நீண்டகாலப் பெறுகை (Term Tender) மற்றும் உடனடி பெறுகை (Spot Tender) என்ற முறைமைகளை பின்பற்றுவதுடன் 2025/2026 காலப் பகுதிக்காக நிலக்கரி கொள்வனவு செய்வதற்காக நீண்ட பெறுகைகளின் கீழ் Trident Champhar Limited என்ற பெயருடைய இந்தியக் கம்பனி தெரிவு செய்யப்பட்டிருந்தது. இந்தப் பெறுகைகளின் போது கேள்வி கோருவதற்கான அறிவித்தல் பிரசுரிக்கப்பட்ட திகதி வரையில் பதிவினை பூர்த்தி செய்த வழங்குநர்களிடமிருந்து கேள்வி கோரப்படுகின்றது என அந்த அறிவித்தலில் தெளிவாக குறிப்பிடப்பட்டிருந்ததுடன் அந்த திகதி வரையில் முழுமையாக பதிவுக் கட்டணம் செலுத்தி பதிவை உறுதிப் படுத்தாத வழங்குநர் மூன்று பேர்களுக்கும் கேள்வி அனுப்புவதற்கு நடவடிக்கை எடுக்கப்பட்டதுடன் இந்த பெறுகைகளுக்காக தெரிவு செய்யப்பட்ட மேலே குறிப்பிடப்பட்ட Trident Champhar Limited கம்பனியும் அத் திகதி வரையில் பதிவினை உறுப்படுத்தாதிருந்தமை அவதானிக்கப்பட்டது. மேலும் கொள்வனவு செய்யப்பட்ட நிலக்கரி லக்விஜய மின்நிலையத்திற்கு பொருத்தமான நியமத்தை உடையதாக இருந்ததா என ஏற்றும் துறைமுகத்தின் போதும் (Load Port), தரையிறக்கும் துறைமுகத்தின் (Discharge Port) போதும்

கொள்வனவாளர் மற்றும் விற்பனையாளர்களின் மூலம் சுயாதீன பரீட்சகர் ஊடாக பரிசோதனைக் குட்படுத்தப்படுவதுடன் ஏற்றும் துறைமுகத்தின் போது விற்பனையாளரால் நியமிக்கப்பட்ட Mitra SK South Africa (Pty) Ltd கம்பனிக்கு தேவையான நியமங்களின் கீழ் நிலக்கரி மாதிரிகளைப் பரீட்சிப்பதற்காக தராதரமொன்று காணப்படாதிருந்தமையால் அதற்குப் பதிலாக பரிசோதனை அறிக்கை விநியோகிப்பதற்காக 2025 திசம்பர் 29 ஆம் திகதி வரையில் அனுமதிப்பத்திரம் இரத்தான PT Mitra SK Analisa Testama Samarinda (Indonesia) கம்பனிக்கு கையளிக்கப்பட்டதுடன் இந்த கம்பனியின் அனுமதிப் பத்திரம் 2026 மார்ச் 31 ஆம் திகதி வரையிலும் நாளதுவரையாக்கப்பட்டமைக்கான விடயங்கள் கணக்காய்விற்கு வெளிப்படுத்தப்பட்டிருக்கவில்லை. எனினும் கிடைக்கப்பெற்ற 12 கப்பல் இருப்புக்களும் உரிய ஏற்றும் துறைமுகத்தின் அறிக்கையில் தராதரம் காணப்படாதிருந்ததாக இனங்காணப்பட்ட Mitra SK South Africa (Pty) Ltd கம்பனியினால் விநியோகிக்கப்பட்டிருந்தது. அதன் பிரகாரம் இந்த அறிக்கை தொடர்பாகவும், மின் நிலையத்தின் பிரதான கட்டுப்பாட்டு பிரிவில் பெறப்பட்ட தரவுகளுக்கு இடையிலும் பரஸ்பர வேறுபாடுகள் காணப்படும் போது ஏற்றும் துறைமுகத்தில் இருந்து பெறப்பட்ட அறிக்கை தொடர்பாக உறுதிப்படுத்தலைப் பெற்றுக்கொள்வதற்கு கொள்வனவாளருக்கு மாற்று சந்தர்ப்பங்கள் பல வழங்கப்பட்டிருந்த போதிலும் அந்த சந்தர்ப்பங்களைப் பயன்படுத்துவதற்கு லங்கா நிலக்கரி கம்பனி நடவடிக்கை எடுத்திருக்கவில்லை.

லங்கா நிலக்கரி கம்பனியினால் நிலக்கரி வழங்குநர்களைப் பதிவு செய்யும் குறிகாட்டிகளை ஸ்தாபிக்கும் போது அந்த குறிகாட்டிகள் ஏற்றுக்கொள்ள முடியாத மட்டத்தில் காண்பிக்கப்பட்டு இலகுபடுத்தப்பட்டமையும் கேள்வி ஆவணங்களுடன் கோரப்படுகின்ற நியமங்கள் கீழ் மட்டத்தில் உள்ள நியமங்களை உடைய குறிகாட்டிகளை பதிவு செய்யும் போது கவனத்திற்கொள்ளப்படுகின்றமையும் அவதானிக்கப்பட்டது. இதன் காரணமாக மொத்த கலோரி பெறுமதி நிராகரிக்கக்கூடிய மட்டம் அல்லது அதற்கு அண்ணளவான மட்டத்தில் நிலக்கரி வழங்கிய அனுபவமுள்ள வழங்குநர்களுக்கும் இந்த மின் நிலையத்திற்காக நிலக்கரி வழங்குவதற்கான சந்தர்ப்பம் வழங்கப்பட்டிருந்தமை அவதானிக்கப்பட்டது.

2025/2026 காலப் பகுதிக்காக Trident Chemphar Limited வழங்கப்பட்ட ஆரம்ப 9 கப்பல் இருப்புக்களின் நிலக்கரியை பயன்படுத்தி மின்சாரம் உற்பத்தி செய்யும் போது மின்சார கிலோ வோட் மணித்தியாலம் 1 உற்பத்தி செய்வதற்காக தேவையான நிலக்கரி அளவின் பிரகாரம் கிரேம் 375 ஆக கருதுமிடத்து அந்த அளவு உயர்வடைந்து சென்றதன் காரணமாக மிகைப் பயன்பாட்டின் அடிப்படையில் ஏற்பட்ட மொத்த மதிப்பீடு செய்யப்பட்ட நட்டம் கணக்காய்வின் கணிப்பின் அடிப்படையில் ரூபா 2,237.7 மில்லியனாக இருந்தமை அவதானிக்கப்பட்டது. மேலும் உரிய நிலக்கரி பயன்பாட்டில் முழுமையான இயலளவு அதாவது மெகாவோட் 300 இயலளவைப் பெற்றுக்கொள்வதற்கு முடியாமையின் அடிப்படையில் மாற்று மூலங்களில் இருந்து மேலதிக வலுசக்தி அளவினை பெற்றுக்கொள்வதற்கு ஏற்படுமாயின் கணக்காய்வினால் மாற்றுவழி சந்தர்ப்பங்கள் இரண்டின் கீழ் மேலதிகமாக வழங்கப்படவேண்டிய மதிப்பீடு செய்யப்பட்ட வலுசக்தி அளவு கணிப்பிடப்பட்டது. அதற்கிடையே மாற்றுவழி 01 சந்தர்ப்பத்தின்படி (நாளாந்தம் 24 மணித்தியாலம் முழுவதும் இயலளவு தேவையானது எனக் கருதுமிடத்து) மேலதிகமாக வழங்கப்பட வேண்டிய மதிப்பீடு செய்யப்பட்ட வலுசக்தி அளவு கிலோ வோட் மணித்தியாலம் 114,531,131 ஆக இருந்ததுடன் 02 ஆவது மாற்றுவழி சந்தர்ப்பத்தின் பிரகாரம் (முறைமை கட்டுப்பாட்டு பிரிவினால் நாளாந்த மின் நிலையத்தில் 16 மணித்தியால காலத்திற்காக முழுமையான இயலளவில் மின்சாரத் தேவையை கவனத்திற்கொள்ளும் போது) மேலதிகமாக வழங்கப்பட வேண்டிய மதிப்பீடு செய்யப்பட்ட வலுசக்தி அளவு கிலோவோட் மணித்தியாலம் 76,354,087 ஆகும். அவ்வாறே வழங்குனர்களிடமிருந்து அறவிட முடியுமான தண்டப்பணம் ரூபா 2,332.5 மில்லியன் ஆகும்.

மேலும் கலண்டர் ஆண்டிற்காக ஏதாவதொரு காலப்பகுதியின் போது நிலக்கரி தரையிறக்கப்படாமையினால் நிலக்கரி இலங்கைக்கு வழங்கக்கூடிய காலப் பகுதியில் உச்ச அளவில் நிலக்கரி வழங்குவதற்கு நடவடிக்கை எடுக்க வேண்டியிருக்குமாயின் அவ்வாறு நிலக்கரி பெற்றுக்கொள்ளும் சந்தர்ப்பம் காணப்பட்ட 2025 நவம்பர் 13 ஆம் திகதி முதல் 2025 திசம்பர் 30 ஆந் திகதி வரை 40 நாள் காலப் பகுதியில் நிலக்கரி கப்பல் இருப்பு இலங்கைக்கு பெற்றுக் கொள்வதற்கு முடியுமான பிரகாரம் பெறுகைகளை மேற்கொள்வதற்கு லங்கா நிலக்கரி கம்பனி தவறியிருந்தது. மேலும் 2025/2026 காலப் பகுதிக்காக பெறுகைகள் 2026 மார்ச் 20 ஆம் திகதி வரையில் 18 கப்பல் இருப்புக்களைப் பெற்றுக்கொள்வதற்கு திட்டமிடப்பட்டிருந்த போதிலும் 12 கப்பல் இருப்புக்கள் மாத்திரம் தரையிறக்கல் பூர்த்திசெய்யப்பட்டிருந்தமை அவதானிக்கப்பட்டது. இதன் காரணமாக 2026 மார்ச் 18 ஆந் திகதி பெறுகைகளில் இருந்து நிலக்கரி மெற்றிக் தொன் 300,000± 10 சதவீதம் கொள்வனவு செய்ய வேண்டி ஏற்பட்டதுடன் பெறுகைகளுக்காக தெரிவுசெய்யப்பட்ட Taranjot Resource (pvt) Ltd கம்பனி தமது பதிவை பெற்றுக்கொள்கின்ற சந்தர்ப்பத்திற்கு முன் 36 மாத காலத்தில் மொத்த கலோரி பெறுமதி நிராகரிக்கப்பட்ட மட்டமான 5,900 kcal/kg இற்கேனும் வழங்குவதற்கு தவறியிருந்த கமபனியாக இருந்தமை அவதானிக்கப்பட்டது. ஆவ்வாறே குறித்துரைத்த காலப்பகுதியில் நிலக்கரி கப்பலைப் பெற்றுக்கொள்வதற்கு முடியாதிருந்தமையால் எதிர்காலத்தில் ஏற்படக்கூடிய கட்டுப்படுத்த முடியாத நிலைமையின் அடிப்படையில் நிலக்கரி மின் நிலையத்தின் தேவைக்குப் போதியளவில் இல்லாதிருக்குமாயின் தொடர்ச்சியாக மின்வலு வழங்குவதற்கு பாதகமானதாக தாக்கமளிக்கின்றமையும் கணக்காய்வில் அவதானிக்கப்பட்டது.

மேலே குறிப்பிடப்பட்ட நிலைமைகளைக் கட்டுப்படுத்தி ஏற்படக்கூடிய பொருளாதார, சமூக மற்றும் ஏனைய தாக்கங்களைக் குறைத்துக் கொள்வதற்கும் மற்றும் நிலக்கரி கொள்வனவு பெறுகைகளில் உள்ளகக் கட்டுப்பாட்டை வலுப்படுத்திக் கொள்வதற்கும் தேவையான சில பரிந்துரைகளும் இந்த அறிக்கையின் 7 ஆம் அத்தியாயத்தில் வழங்கப்பட்டுள்ளது.

## 01. அறிக்கையின் பின்னணி மற்றும் தன்மை

தேசிய மின்சாரத் தேவையில் 30 முதல் 40 சதவீதம் வரை பங்களிக்கும் நுரைச்சோலை லக்விஜய நிலக்கரி மின் நிலையம், இலங்கையில் ஒரு Base Load மின் நிலையமாகச் செயல்படுகிறது. இந்த மின் நிலையத்தை இயக்குவதற்கு ஆண்டுதோறும் சராசரியாக 2.25 மில்லியன் மெட்ரிக் தொன் நிலக்கரி தேவைப்படுவதுடன் இந்த அளவு மின் நிலையத்தின் தேவைக்கேற்ப நீண்ட கால பெறுகைகள் மற்றும் உடனடி பெறுகைகள் மூலம் நிலக்கரி தேவையை பூர்த்தி செய்வதற்கு மின் நிலையத்திற்காக பெறுகைகளை மேற்கொள்ளும் நிறுவனமாக லங்கா நிலக்கரி கம்பனி நடவடிக்கை எடுக்கின்றது. அதன் பிரகாரம் 2024/2025 காலத்திற்கான பெறுகைகள் மூலம் பெறப்பட வேண்டிய நிலக்கரியின் அளவு 2025 நவம்பர் 13 ஆம் திகதிக்குள் பெறப்பட வேண்டியிருந்ததால், 2025/2026 இன் பெறுகை செயல்முறை ஆரம்பிக்கப்பட்டது. இந்தக் காலப்பகுதிக்காக நிலக்கரி வழங்கும் இந்தியக் கம்பனியான Trident Chemphar Ltd. தெரிவுசெய்யப்பட்டதுடன் அந்தக் கம்பனி அந்தக் கம்பனி நிலக்கரி 12 கப்பல் தடவைகள் 2026 மார்ச் 11 ஆந் திகதி வரையில் வழங்கி பூர்த்திசெய்திருந்தது. எனினும், அந்த நிலக்கரி இருப்பில் முதல் கப்பல் தடவையில் வழங்கப்பட்ட இருப்பு தரையிறக்கும் துறைமுகத்தில் (Discharge Port) மொத்த கலோரி மதிப்பு (Gross Calorific Value) நிராகரிக்கப்பட்ட மட்டத்திலும் குறைவான பெறுமதியைக் கொண்டதன் காரணமாகவும் மற்றும் அதன் பின்னர் கொண்டுவரப்பட்ட நிலக்கரி இருப்பின் மொத்த கலோரி மதிப்பு ஏற்றும் துறைமுகத்திலும் (Load Port), தரையிறக்கும் துறைமுகத்திலும் (Discharge Port) பெறப்பட்ட சுயாதீன சோதனை அறிக்கைகளின் படி தேவையான நியமத்தில் (6,150 kcal/kg)

இல்லாதிருந்ததாலும் நிராகரிக்கப்பட்ட அளவை (5,900 kcal/kg) விட அதிகமாக இருந்ததாலும், மின் உற்பத்தி நிலையத்தின் கட்டுப்பாட்டு பிரிவின் பரகாரம் (Control Unit) உரிய நிலக்கரியைப் பயன்படுத்தி எதிர்பார்த்த மின்சார இயலளவை உற்பத்தி செய்யவதற்கு முடியாதிருந்தமைகக்ான விடயங்கள் வெளிப்படுத்தப்பட்டிருந்தது. அதன் பிரகாரம் 2025/2026 காலப்பகுதியில் இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்பு மின் நிலையத்திற்காக நிர்ணயிக்கப்பட்ட நியமங்களுக்கு இணங்கவில்லை என்று பாராளுமன்றம், உட்கட்டமைப்பு மற்றும் உபாயவழி அபிவிருத்தி மீதான துறைசார் மேற்பார்வைக் குழு, ஊடகங்கள் உள்ளிட்ட பல்வேறு தரப்பினரால் விவாதத்திற்கு உட்பட்டிருந்தது. இத்தகைய சூழ்நிலையில், இது தொடர்பாக ஒரு ஆய்வை நடத்த நான் உத்தேசித்திருந்ததுடன் 2026 பெப்ரவரி 24 ஆந் திகதி பொதுமுயற்சிகள் குழுவினாலும் இது தொடர்பாக ஒரு ஆய்வு நடத்தப்பட வேண்டும் என்று கோரியிருந்தது.

மேலும், இலங்கைக்கு நிலக்கரி வழங்கும் போது பெறுகைகள் தொடர்பாக காலரீதியில் எழும் பிரச்சினைகள் தொடர்பாக இதற்கு முன்னர் 02 சந்தர்ப்பங்களில் கணக்காய்வாளர் தலைமை அதிபதியால் விரிவான கணக்காய்வு மேற்கொண்டு பாராளுமன்றத்தில் சமர்ப்பித்து, தேசிய கணக்காய்வு அலுவலகத்தின் இணையதளத்திலும் வெளியிடப்பட்டுள்ளது. அந்த 02 அறிக்கைகளும் பின்வருமாறு.

(i) 2009 – 2016 காலப்பகுதிக்கான நிலக்கரி பெறுகைகள் தொடர்பான விசேட கணக்காய்வு அறிக்கை

(ii) நுரைச்சோலை லக்விஜய நிலக்கரி மின் உற்பத்தி நிலையத்திற்கான 2022–2025 காலப்பகுதிக்குரிய நிலக்கரி கொள்வனவு செய்யும் பெறுகை செயல்முறையின் மதிப்பீடு தொடர்பான விசேட கணக்காய்வு அறிக்கை

அதன் பிரகாரம் இந்த அறிக்கையை பாசீலனை செய்யும் போது மேலே குறிப்பிடப்பட்ட இரண்டு அறிக்கைகளின் கவனமும் ஈர்க்கப்படுவதுடன் 2018 இன் 19 ஆம் இலக்க கணக்காய்வுச் சட்டத்தின் 13 ஆவது பிரிவில் விசேட கணக்காய்வு அறிக்கை வெளியிட எனக்கு வழங்கப்பட்ட அதிகாரங்களுக்கு இணங்க இந்த அறிக்கை வெளியிடப்படுகிறது.

## 02. பின்பற்றப்பட்ட முறைமை

இந்த அறிக்கையைத் தயாரிப்பதில் பின்வரும் முறைமைகள் பின்பற்றப்பட்டன

### 2.1 ஆவணங்களை பரீட்சித்தல்

i. நிலக்கரி கொள்வனவு தொடர்பாக இந்த அறிக்கையில் குறிப்பிடப்பட்டுள்ள நிகழ்வுகள் தொடர்பான அமைச்சரவை குறிப்புகள், அமைச்சரவை முடிவுகள் மற்றும் உரிய அமைச்சரின் அவதானிப்புகள்

ii. 2025 - 2026 காலப்பகுதிக்குரிய மற்றும் முன்னைய சந்தர்ப்பங்களில் மேற்கொண்ட பெறுகைகளுக்குரிய ஆவணங்கள், வழங்குநர்களுடனான ஒப்பந்தங்கள், கேள்வி மதிப்பீட்டுக் குழு அறிக்கைகள், நிலையியற் பெறுகைக் குழு அறிக்கைகளை உள்ளடக்கி தேவையான சந்தர்ப்பங்களின் போது பெறுகைகளுக்குரிய ஏனைய ஆவணங்கள்

iii. வழங்குநர்களின் பதிவு தொடர்பான ஆவணங்கள்

iv. பெறுகைகள் வழிகாட்டி 2024 மற்றும் 2006

v. மின் நிலையம் 1, 2, 3 ஆகியவற்றின் கட்டுப்பாட்டு அலகுகளின் செயற்பாட்டு உத்தியோகத்தர்களால் ஒவ்வொரு அலகு தொடர்பாகவும் பராமரிக்கப்படும் பதிவேடுகள்

vi. மின் அனுப்புதல் பிரிவின் அமைப்பு கட்டுப்பாட்டு அலகால் தினசரி தயாரிக்கப்படும் மின்வலு முறைமை அறிக்கைகள்

vii. பொதுப்பயன்பாட்டு ஆணைக்குழு மற்றும் இலங்கை மின்சார சபையின் இணையதளப் பக்கத்தில் பிரசுரிக்கப்படுகின்ற நாளாந்த வலுசக்தி உற்பத்தி சுழற்சியை உள்ளடக்கிய அறிக்கை (Generation Curve)

**2.2 ஏனைய முறைமைகள்**

i. லக்விஜய மின் நிலைய அதிகாரிகளுடன் கலந்துரையாடல்

ii. மின் நிலையத்தில் உள்ள நிலக்கரி சேமிப்புக் கிடங்குகளில் நேரடியாக நிலக்கரி ஏற்றப்படும் நிகழ்வுகளை நேரில் ஆய்வு செய்தல் மற்றும் அந்த சந்தர்ப்பங்களில் கட்டுப்பாட்டு அலகின் கையாளுதல் குறித்த தரவுகளைப் பரீட்சித்தல்.

iii. தேவைப்படும் சந்தர்ப்பங்களின் போது, லங்கா நிலக்கரி கம்பனியின் உத்தியோகத்தர்களுடன் இலங்கை மின்சார சபையின் மற்றும் முறைமை கட்டுப்பாட்டுப் பிரிவின் உத்தியோகத்தர்களுடன் கலந்துரையாடுதல்.

**03. விடயப் பரப்பு**

லங்கா நிலக்கரி கம்பனி 2010 ஆம் ஆண்டு முதல் பெறுகை நடவடிக்கைகள் மேற்கொண்டு இருந்ததுடன் அத் திகதியில் இருந்து 2022 – 2025 பெறுகை வரையான காலத்தில் சில சந்தர்ப்பங்களில் நிலக்கரி கம்பனியால் கொள்வனவு மேற்கொள்ளப்பட்ட பெறுகைகள் தொடர்பாக ஏற்பட்ட விசேட கணக்காய்வு கவனத்தின் அடிப்படையில் மேற்கூறப்பட்ட 01 ஆம் பந்தியில் காண்பிக்கப்படுகின்ற பிரகாரம் 2016 மற்றும் 2022 ஆம் ஆண்டுகளின் போது விரிவான விசேட கணக்காய்வு அறிக்கைகள் இரண்டு விநியோகிக்கப்பட்டதுடன் காணப்பட்ட கால எல்லையின் அடிப்படையில் இந்த அறிக்கையின் மூலம் அந்த அறிக்கை இரண்டிற்கும் கவனம் செலுத்தி 2025/2026 காலப்பகுதிக்கு உரிய பெறுகை நடைமுறைகள் பரீட்சிக்கப்பட்டது. மேலும் 2010 ஆம் ஆண்டு முதல் தெரிவு செய்யப்பட்ட வழங்குனர்கள் தொடர்பான நீண்ட கால ரீதியிலான பெறுகைகள் மற்றும் உடனடிப் பெறுகைகள் மூலம் நிலக்கரி வழங்குதல் தொடர்பான தகவல்கள் சமர்ப்பிக்கப்பட்டுள்ளது. மேலும் 2020 – 2025 காலப் பகுதியில் இலங்கைக்கு கொண்டுவரப்பட்ட நிலக்கரி இருப்பிற்கு உரிய அளவுருக்களின் முறைமை தொடர்பான பகுப்பாய்வு மேற்கொள்ளப்பட்டுள்ளது. அவ்வாறு 2025/2026 பெறுகைக் காலப் பகுதிக்குரிய Trident Chemphar Ltd. என்ற பெயருடைய இந்தியக் கம்பனியால் 2026 மார்ச் 16 ஆந் திகதி வரையில் இலங்கை மின்சார சபைக்கு வழங்கப்பட்ட 11 நிலக்கரி கப்பல்களில் காணப்பட்ட அளவுருக்கள் தொடர்பான பகுப்பாய்வு இந்த அறிக்கையில் மேற்கொள்ளப்பட்டது.

இந்த விசேட கணக்காய்வின் போது 2020 – 2026 காலப் பகுதியில் லக்விஜய மின் உற்பத்தி நிலையம் மின் உற்பத்தியில் சராசரி நிலக்கரி நுகர்வின் விகிதத்துடன் ஒப்பீடு செய்யும் போது அந்த விகிதத்தை விட நாளாந்த நிலக்கரி பயன்பாட்டு விகிதம் அதிகரித்து இருந்த

சந்தர்ப்பங்களுக்காக அந்தக் காலப் பகுதியின் போது இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புக்களின் மின் நிலையத்திற்கு பொருத்தமான தரத் தன்மை குறைவடைந்தமையின் காரணமாக மற்றும் /அல்லது நிலக்கரியின் தரம் குறைவடைந்ததன் காரணமாக மெகாவேல்ட் 300 இயலளவு அலகினை அமுல்படுத்துவதற்கு முடியாதிருக்குமாயின் அதன் அடிப்படையில் நிலக்கரி மிகை நுகர்வு மேற்கொள்ள வேண்டி ஏற்பட்டதால் நட்டம் அல்லது முழு இயலளவை அடைந்து கொள்ள முடியாமையினால் ஏனைய மூலங்களின் மூலம் மேலதிகமாக வழங்கப்பட வேண்டிய மதிப்பீடு செய்யப்பட்ட வலுசக்தி அளவை கணிப்பிடல் மாத்திரம் மேற்கொள்ளப்படுகின்றது.

**04. விடயப் பரப்பின் எல்லை**

i. உரிய அளவுருக்கள் இன்றி நிலக்கரி பயன்படுத்தியதன் காரணமாக சுற்றாடலுக்கு தாக்கம் ஏற்பட்டிருக்குமாயின் எவ்வகையான தாக்கம் ஏற்பட்டு இருந்தது என்பதை பரீட்சிப்பதற்கு அது தொடர்பான விசேட சேவையினை பெற்றுக் கொள்ள வேண்டி இருந்ததுடன் அறிக்கை தயாரிப்பதற்கு பாராளுமன்றத்தால் வழங்கப்பட்டிருந்த கால எல்லையின் அடிப்படையில் சுற்றாடல் தாக்கத்தை மதிப்பீடு செய்வதற்கு முடியாது இருந்தமை.

ii. மேலும் உரிய நியமம் இன்றிய நிலக்கரியின் பயன்பாடு மின் உற்பத்தி நிலையத்தின் இயந்திரங்களில் பாதிப்பை ஏற்படுத்துமா என்பதையும், அவ்வாறு பாதிப்பு ஏற்பட்டால் அது என்ன தாக்கத்தை ஏற்படுத்தும் என்பதையும் ஆராய்வதற்கு ஒரு நிபுணர் சேவையைப் பெற வேண்டியிருந்ததுடன் அறிக்கையைத் தயாரிப்பதற்கு பாராளுமன்றம் வழங்கிய கால எல்லை அது தொடர்பாக மதிப்பீடு செய்ய முடியாதிருந்தமை.

iii. ஏற்றும் துறைமுகத்தில் (Loading Port) மற்றும் தரையிறக்கும் துறைமுகத்தில் (Discharging Port) மேற்கொள்ளப்படுகின்ற பரிசோதனைகள் சுயாதீனம் தொடர்பாக குறித்துரைத்த உறுதிப்படுத்தலை பெற்றுக் கொள்வதற்கான சந்தர்ப்பம் காணப்படாமை.

iv. லக்விஜய மின் நிலையத்தால் பேணிச் செல்லப்படுகின்ற ஆய்வு கூடத்தில் மேற்கொள்ளப்பட்ட மாதிரிப் பரிசோதனைகளின் அடிப்படை நோக்கம் இலங்கைக்கு இறக்குமதி செய்யப்படுகின்ற நிலக்கரி இருப்பின் நியமத்தை பரீட்சிக்காது இருந்தமையால் இந்த அறிக்கைக்காக முழுமையாக அந்த அறிக்கையை அடிப்படையாகக் கொள்வதற்கு முடியாது இருந்தமை.

v. மின் நிலையத்தால் நீண்ட காலமாக பராமரித்துச் செல்லப்படுகின்ற மத்திய கட்டுப்பாட்டு பிரிவில் இருந்து வழங்கப்படுகின்ற தரவுகளைப் பயன்படுத்தி கணக்காய்வு அவதானிப்புகள் மேற்கொள்ளப்பட்டமை.

vi. மின் நிலையத்தின் அலகு 1, 2 மற்றும் 3 இன் பிரதான கட்டுப்பாட்டு பிரிவில் செயற்பாட்டு உத்தியோகத்தரால் ஒவ்வொரு பிரிவிற்கும் உரியதாக பராமரிக்கப்படுகின்ற சம்பவத் திரட்டு புத்தகத்தில் குறிப்பிடப்பட்ட தகவல்கள் பகுப்பாய்வு மேற்கொள்ளப்பட்டமை.

vii. களஞ்சியங்களில் நிலக்கரி நிரப்புவதற்கு உரிய (நிலக்கரி இருப்பு தரையிறக்கும் போது அதில் ஒரு பகுதி நேரடியாக எரிபொருள் கலன்களில் நிரப்பப்படுகின்றமையால் அந்த நிலக்கரி இருப்பில் அளவையும் உள்ளடக்கி) லக்விஜய மின் நிலையத்தின் எரிபொருள் கையாளும் (செயற்பாடுகள்) பிரிவினால் வழங்கப்படுகின்ற தரவுகளின் அடிப்படையில் கணக்காய்வுப் பரிசோதனை மேற்கொள்ளப்பட்டமை.

## 05. செயற்பாடுகள்

### 5.1 லக்விஜய மின் நிலையம் தொடர்பான அறிமுகம்

வட மேல் மாகாணத்தில் கற்பிட்டி – நுரைச்சோலை பிரதேசத்தில் அமைக்கப்பட்டுள்ள மெகாவோல்ட் 900 இயலளவை உடைய இலங்கை மின்சார சபைக்கு உரிய இலங்கையின் ஆரம்ப மற்றும் ஒரே ஒரு நிலக்கரி அணல் மின் நிலையம் லக் விஜய நிலக்கரி அணல் மின் நிலையம் ஆகும். இந்த மின் நிலையத்தின் முதற் கட்டம் 2006 ஆம் ஆண்டின் போது மெகாவோல்ட் 300 இயலளவுடனும் இரண்டாவது கட்டம் 2010 ஆம் ஆண்டின் போது மெகாவோல்ட் 600 இயலளவுடனும் ஆரம்பிக்கப்பட்டதுடன் 2011 ஆம் ஆண்டின் போது முதலாவது கட்டத்தில் 30 MW மற்றும் 2014 ஆம் ஆண்டின் போது இரண்டாவது கட்டம் 600 MW தேசிய மின்சார மின்சக்தி முறைமைக்கு முதல் தடவையாக சேர்க்கப்பட்டிருந்தது. அதன் பிரகாரம் இந்த மின் நிலையத்தின் மூலம் தேசிய மின்வலு தேவையில் 30 சதவீதத்திற்கும் 40 சதவீதத்திற்கும் இடையிலான அளவிற்காக பங்களிப்பு வழங்கப்படுவதுடன் மின்நிலையத்தை அமுல்படுத்துவதற்காக வருடாந்தம் நிலக்கரி மெற்ரிக்தொன் 2.25 மில்லியன் அளவு தேவையாக இருந்தமையும் இனங்காணப்பட்டிருந்தது.

### 5.2 மின் நிலையத்திற்காக நிலக்கரி தேவையினை பூர்த்தி செய்தல்

கலண்டர் வருடம் ஒன்றில் மே முதல் அடுத்து வரும் ஆண்டின் ஆகஸ்ட் வரையான காலப் பகுதியில் நுரைச்சோலை பிரதேசத்திற்கு தென்மேற்கு பருவக்காற்று (வாரகன்) காலத்தில் தாக்கமளித்ததன் காரணமாக கப்பல் நங்கூரம் இடலும், நிலக்கரி தரையிறக்கலும், நிலக்கரி எடுத்துச் செல்லுகின்ற படகுகள் மின் நிலையத்தின் இறங்குதுறைக்கு வருதலும் வசதியீனமாக இருந்தது. அதனால் அணல் மின் உற்பத்தி நிலையத்திற்காக தேவையான வருடாந்த நிலக்கரி தேவை ஒக்தோபர் முதல் எதிர்வரும் ஆண்டின் மார்ச் வரையான காலத்தின் போது நிலக்கரி சேகரித்து தளம் ஒன்றில் களஞ்சியப்படுத்தப்பட்ட பின்னர் அந்த களஞ்சியத்தில் இருந்து நிலக்கரி பயன்படுத்தி மின் உற்பத்தி நடவடிக்கைகள் தொடர்ச்சியாக பேணிச் செல்லப்படுகின்றது. மின் வலு உற்பத்திக்காக மின் நிலையத்திற்கு கொண்டு வரப்படுகின்ற கப்பல் நிலக்கரி அளவு மெற்றிக்தொன் 60,000 ஆனதன் காரணமாக மேலே குறிப்பிடப்பட்ட தேவையின் படி வருடம் ஒன்றின் கப்பல் பிரயாணத் தடவைகள் 38 அளவில் எதிர்பார்க்கப்படுகின்றது.

### 5.3 லங்கா நிலக்கரி (தனியார்) கம்பனி தொடர்பான அறிமுகம்

**5.3.1** இலங்கையில் நிலக்கரி அனல் மின் நிலையத்திற்காக நிலக்கரி பெறுகைகள் மேற்கொண்டு வழங்கும் நோக்காகக் கொண்டு 2006 ஏப்ரல் 05 ஆந் திகதிய இலக்கம் அமப/06/0636/222/019 என்ற அமைச்சரவை தீர்மானத்தின் **(இணைப்பு 01)** பிரகாரம் 2007 இன் 07 ஆம் இலக்க கம்பனிகள் சட்டத்தின் கீழ் லங்கா நிலக்கரி (தனியார்) கம்பனி, 2008 சனவரி 23 ஆந் திகதி கூட்டிணைக்கப்பட்டிருந்தது. இந்த கம்பனியின் பங்குகளின் உரித்தில் 60 சதவீதம் இலங்கை மின்சார சபைக்கும், 20 சதவீதம் பொதுத் திறைசேரிக்கும், 10 சதவீதம் இலங்கை துறைமுக அதிகார சபைக்கும் எஞ்சியிருந்த 10 சதவீதம் இலங்கை கப்பல் கூட்டுத்தாபனத்திற்கும் உரித்தாகி இருந்தது.

**5.3.2** கம்பனியின் பிரதான வியாபார நடவடிக்கைகள் நுரைச்சோலை லக்விஜய நிலக்கரி மின் உற்பத்தி நிலையத்திற்காக (LVPP) தேவையான நிலக்கரி அளவு தேவையான தரத் தன்மையில் உரிய

விலையில் வழங்குதல் ஆகும். அதன் பிரகாரம் லக்விஜய நிலக்கரி மின் உற்பத்தி நிலையத்திற்காக நிலக்கரி பெறுகைகள் மேற்கொண்டு வழங்கியதன் காரணமாக ஆரம்பமாக நிலக்கரி கப்பல் 2010 யூலை 06 ஆந் திகதி நொபல் றிசோசஸ் கம்பனி மூலம் பெறுகை நடவடிக்கைகளை மேற்கொண்டு இருந்தது.

**5.3.3** அதன் பிரகாரம் நுரைச்சோலை மின் உற்பத்தி நிலையம் ஆரம்பத்தில் இருந்து 2010 ஆம் ஆண்டு முதல் 2026 மார்ச் 11 ஆந் திகதி வரை நிலக்கரி பெறுகைகளின் கால இறுதி வரையும் லங்கா நிலக்கரி கம்பனியால் கப்பல் இருப்பு 465 அளவில் பெறுகைகள் மேற்கொள்ளப்பட்டதுடன் அதில் 135 கப்பல் இருப்புக்கள் உடனடி பெறுகை செயற்பாடுகள் (Spot Tender) மூலமும், 240 கப்பல் இருப்புக்கள் நீண்ட கால பெறுகை உடன்படிக்கையில் (Term Tender) மூலமும், 90 கப்பல் இருப்புக்கள் சமர்ப்பிக்கப்பட்ட முன்மொழிவின் மூலமும் பூர்த்தி செய்யப்பட்டிருந்தது.

## 5.4 கம்பனியினால் மேற்கொள்ளப்பட்ட பெறுகை செயற்பாடுகளின் பகுப்பாய்வு

### 5.4.1 நிலக்கரி பெறுகைகளுக்காக வழங்குனர்களை தெரிவு செய்தல்

நிலக்கரி பெறுகைகளுக்கான வழங்குனர்களை தெரிவு செய்வதற்காக வழங்குனர்களை தெரிவு செய்தல் கம்பனியால் வருடாந்தம் மேற்கொள்ளப்படுவதுடன் அவ்வாறு பதிவுகளுக்காக விண்ணப்பங்கள் விண்ணப்பிக்கின்ற சர்வதேச வழங்குனர்களின் நிலக்கரி வழங்குதலின் முன்னைய அனுபவம், நிதி இயலுமை, சட்ட ரீதியான நிலமை மற்றும் மதிப்பீட்டு உட்படுத்த வேண்டிய ஏனைய தேவையான குறிகாட்டிகள் மதிப்பீட்டுக்கு உட்படுத்தி வருடாந்தம் நிலக்கரி வழங்குனர்கள் இலங்கை லங்கா நிலக்கரி கம்பனியில் பதிவு செய்த வழங்குனர்களாக பதிவு செய்து கொள்ளல் மேற்கொள்ளப்படுகின்றது. அவ்வாறே பதிவு செய்யப்பட்ட வழங்குனர்களிடம் இருந்து வரையறுத்த சர்வதேச கேள்வி கோரல் திட்டத்தை பின்பற்றி கூறுவிலைகள் கோரி மதிப்பீட்டுக்கு உட்படுத்தி எதிர்கால நிலக்கரி தடவைகளுக்காக அல்லது வருடத்திற்கு உரிய நிலக்கரி வழங்குவதற்காக வழங்குனர் தெரிவு மேற்கொள்ளப்படுகின்றது.

### 5.4.2 நிலக்கரி கொள்வனவுகளுக்காக செலுத்துதல்கள்

**5.4.2.1** 2022 ஆம் ஆண்டுக்கு முன் நிலக்கரி கொள்வனவு செய்த விலையை தீர்மானிப்பதற்காக கால ரீதியில் கேள்வி அடிப்படையில் தனிக் குறிகாட்டி, தொடர்புடைய விலையான API4 குறிகாட்டி (தென்னாபிரிக்க குறிகாட்டி) பயன்படுத்தப்பட்டதுடன் அது Argus Media இனால் வெளியிடப்பட்ட மாதாந்தம் சராசரியாகக் கணிப்பிடப்பட்டிருந்தது.

**5.4.2.2** 2022 இன் பின்னர் விலை தீர்மானிப்பதற்காக கூட்டிணைந்த குறிகாட்டிகள் அறிமுகப்படுத்தப்பட்டதுடன் அதன் மூலம் API4 குறிகாட்டி (தெற்காசிய குறிகாட்டி) பயன்படுத்தப்பட்டதுடன் API6 குறிகாட்டி (அவுஸ்திரேலிய குறிகாட்டி) என்ற இரண்டு குறிகாட்கள் பயன்படுத்தப்பட்டிருந்தது. அதன் பின்னர் அமைச்சரவை ஆலோசனையின் அடிப்படையில் சனத்தொகை மற்றும் புள்ளி விபரத் திணைக்களத்தின் தொகை மதிப்புத் திணைக்களத்தினதும், கொழும்பு பல்கலைக்கழகத்தின் குறிகாட்டியின் அடிப்படையில் இலங்கைக்கு பிரதான நிலக்கரி வழங்குகின்ற வலயங்களை பிரதிநிதித்துவப் படுத்தி மூன்று வலயங்கள் கீழே குறிப்பிடப்படுகின்ற பிரகாரம் நிலக்கரி குறிகாட்டிகள் மூன்றுக்கு சமமாக பெறப்பட்ட கூட்டிணைந்த குறிகாட்டிகளை பயன்படுத்தி திருத்தப்பட்ட திட்ட முறைமை ஒன்று பின்பற்றப்பட்டிருந்தது. **(இணைப்பு 02)**

(i) API4 – South African Index

(ii) ICI (Indonesia) – Monthly average of ICI1 and ICI2

(iii) RCI (Russia) – Monthly average of Taman and Vostochny regions

**5.4.2.3** மேலும் 2019 ஆம் ஆண்டுக்கு முன்னர் Load Port தரப் பரிசோதனை அறிக்கையின் அடிப்படையாகக் கொண்டு சகல இறுதிக் கொடுப்பனவுகளும் மேற்கொள்ளப்பட்டதுடன் Discharge Port தரப் பரிசோதனை அறிக்கை பெறப்பட்ட போதும் அந்த அறிக்கையை செலுத்துவதற்கு அடிப்படையாகக் கொள்ளப்படவில்லை. அதன் பின்னர் 2019/2020 தடவையில் 241 ஆவது கப்பலில் இடும் போது ஆரம்பமாக Discharge Port தரப் பரிசோதனை அறிக்கையின் அடிப்படையாகக் கொண்டு கொடுப்பனவுகள் ஆரம்பிக்கப்பட்டிருந்தது. அதன் பிரகாரம் நலக்கரி இருப்பின் பெறுமதியில் 80 சதவீதம் ஏற்றல் துறைமுகம் (Load Port) தரப் பரிசோதனை அறிக்கையின் அடிப்படையாகக் கொண்டு வழங்குனர்களின் பட்டியல்கள் கிடைக்கப் பெற்ற பின்னர் வழங்குனருக்கு செலுத்தப்படுவதுடன் மிகுதி 20 சதவீத அளவு நிலக்கரி இருப்பு பெறப்பட்ட பின்னர் தரையிறக்குகின்ற (Discharge Port) தரப் பரிசோதனை அறிக்கையின் அடிப்படையில் விலை சீராக்கங்களின் பின்னர் வழங்குனருக்கு செலுத்தப்படுகின்றது.

### 5.4.3 கம்பனியால் 2010 ஆம் ஆண்டு முதல் 2026 ஆம் ஆண்டு வரை கம்பனியால் மேற்கொள்ளப்பட்ட பெறுகை செயற்பாடுகள்

கம்பனியால் நுரைச்சோலை அனல் மின் நிலையத்திற்காக நிலக்கரி கொள்வனவு செய்வதற்காக மேற்கொள்ளப்பட்ட பெறுகைகள் தொடர்பாக மேற்கூறப்பட்ட 01 பந்தியில் காண்பிக்கப்படுகின்ற பிரகாரம் இரண்டு சந்தர்ப்பங்களின் போது விசேட கணக்காய்வு அறிக்கைகள் இரண்டு விநியோகிக்கப்பட்டதுடன் அந்த அறிக்கையில் உள்ளடக்கப்பட்ட தகவல்களை காண்பித்து உரிய பகுப்பாய்வு சமர்ப்பிக்கப்பட்டுள்ளது. இந்த பகுப்பாய்வு இரண்டு சந்தர்ப்பங்களின் கீழ் சமர்ப்பிக்கப்பட்டதுடன் 2010 – 2022/2025 காலப் பகுதிக்குரிய கூட்டிணைந்த ரீதியில் சமர்ப்பித்தலும் (மேலே காண்பிக்கப்பட்ட பிரகாரம் விரிவான விசேட அறிக்கை இரண்டு சமர்ப்பிக்கப்பட்டுள்ளமையால்) 2026 ஆம் ஆண்டின் பெறுகைகள் தொடர்பான விரிவான பகுப்பாய்வும் சமர்ப்பிக்கப்பட்டுள்ளது.

#### 5.4.3.1 2010 ஆம் ஆண்டு முதல் 2025/2026 காலப் பகுதிக்குரிய கொள்வனவுகள்

**அட்டவணை 01 – 2010 ஆம் ஆண்டு முதல் 2025/2026 காலப் பகுதிக்குரிய கொள்வனவுகள்**

| | நிலக்கரி காலப்பகுதி | மின் நிலையத்தால் காலப்பகுதிக்காக கோரப்பட்ட அளவு | மொத்த கப்பல் இருப்பு அளவு | மெற்றிக்தொன் 1 இற்கான விலை ($) | நீண்ட காலப் பெறுகையில் பெறப்பட்ட அளவு (மெற்றிக்தொன்) | நீண்ட காலப் பெறுகையில் பெறப்பட்ட கப்பல் இருப்பு அளவு | உடனடி பெறுகை எண்ணிக்கை | உடனடி பெறுகை தாமதத்தால் பெறப்பட்ட அளவு | உடனடி பெறுகையில் பெறப்பட்ட கப்பல் இருப்பு அளவு | நீண்ட காலப் பெறுகை % | உடனடி பெறுகை % | மொத்த வழங்கல் அளவு (மெற்றிக்தொன்) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2010-2011 | - | 5 | $132.93 | 208,589 | 3 | 1 | 81,688 | 2 | 60% | 40% | 290,277 |
| 2 | 2011-2012 | - | 13 | 126.01 | 769,961 | 12 | 1 | 59,358 | 1 | 92% | 8% | 829,319 |
| 3 | 2012-2013 | - | 10 | 100.06 | 554,805 | 10 | - | - | - | 100% | - | 554,805 |
| 4 | 2013-2014 | - | 18 | 93.1 | 1,003,549 | 18 | - | - | - | 100% | - | 1,003,549 |
| 5 | 2014-2015 | - | 32 | 86.41 | 1,849,726 | 32 | - | - | - | 100% | - | 1,849,726 |
| 6 | 2015 – 2016 | 2,200,000 | 39 | $65.71 | 1,064,724 | 18 | 4 | 1,126,805 | 21 | 46% | 54% | 2,191,529 |
| 7 | 2016 – 2017 | 2,200,000 | 37 | $82.10 | 935,270 | 16 | 4 | 1,274,713 | 21 | 43% | 57% | 2,209,983 |
| 8 | 2017 – 2018 | 2,100,000 | 35 | $85.88 | 1,198,942 | 20 | 3 | 918,223 | 15 | 57% | 43% | 2,117,165 |
| 9 | 2018 – 2019 | 1,920,000 | 31 | $90.33 | 1,212,700 | 20 | 2 | 655,316 | 11 | 65% | 35% | 1,868,016 |
| 10 | 2019 – 2020 | 2,400,000 | 40 | $61.33 | 1,275,205 | 21 | 4 | 1,144,713 | 19 | 53% | 47% | 2,419,918 |
| 11 | 2020 – 2021 | 2,520,000 | 42 | $76.93 | 1,179,374 | 20 | 5 | 1,288,115 | 22 | 48% | 52% | 2,467,489 |
| 12 | 2021 – 2022 | 2,360,000 | 35 | $184.44 | 1,166,434 | 19 | 3 | 954,274 | 16 | 54% | 46% | 2,120,708 |
| 13 | 2022 – 2023 | 2,420,000 | 30 | $224.73 | 1,203,053<br>472,129.41 * | 20<br>(Prop) 08 | 1 | 121,100 | 2 | 93% | 7% | 1,796,282 |
| 14 | 2023 – 2024 | 2,335,000 | 38 | $126.27 | 236,297.10 *<br>1,690,276.43 ** | (Prop) 04<br>(Prop) 29 | 1 | 293,997.57 | 5 | 87% | 13% | 2,220,571 |
| 15 | 2024 - 2025 | 2,240,000 | 38 | $121.82 | 2,150,477.60 *** | (Prop) 09<br>(Prop) 29 | - | - | - | 100% | - | 2,150,478 |
| 16 | 2025-2026 | 2,320,000 | 36 | $97.92 | 1,272,172**** | -36<br>22* as at 2026.03.16 | - | - | - | 100% | - | 1,272,172***** |

* ***For the 2022–2023 coal season, proposals were invited; however, due to the economic downturn in the country, no registered or non-registered suppliers submitted responsive bids.***

** ***For the 2023–2024 season, proposals were invited from registered suppliers and the tender was initially awarded to Coral Energy. As Coral Energy did not accept the award and failed to furnish the required performance bond, the award was subsequently granted to Black Sand Commodities.***

*** ***For the 2024–2025 season, after cancelling the tender process, the contract for a quantity of 2.25 million MT ±10% was awarded to Potencia based on their proposal.***

**5.4.3.1.12022 யூலை முதல் 2025/2026 காலம் வரை பெறுகை நடைமுறைகள்**

**5.4.3.1.1.1 2022-2025 காலப் பகுதிக்காக மெற்றிக்தொன் மில்லியன் 4.5 ± 10 சதவீதம் பெறல்**

லங்கா நிலக்கரிக் கம்பனியால் நிலக்கரி மெற்றிக்தொன் மில்லியன் 4.5**±** 10 சதவீதத்திற்கான நீண்ட காலப் பெறுகை செயற்பாடுகள் 2022 யூலை 21 ஆம் திகதி ஆரம்பிக்கப்பட்டதுடன் அதன் மூலம் அந்தக் காலப் பகுதி மூன்றும் அதாவது 2022-2023, 2023-2024, 2025-2025 காலப் பகுதியை மேவுகை செய்யும் வகையில் முறையே நிலக்கரி மெற்றிக்தொன் மில்லியன் 1.125, மெற்றிக்தொன் மில்லியன் 2.25 மற்றும் மெற்றிக்தொன் மில்லியன் 1.125 ஆக பெறுகை மேற்கொள்வதற்கு எதிர்பார்க்கப்பட்டிருந்தது. பெறுகை செயற்பாடுகள் 2022 யூலை 21ஆம் திகதி ஆரம்பிக்கப்பட்டு 2022 ஆகஸ்ட் 25 ஆம் திகதி அதாவது 35 நாட்கள் என்ற குறுகிய காலத்தில் ஒப்பந்தம் Black Sand Commodities இற்கு கையளிக்கப்பட்டதுடன் செயலாற்றல் பிணைமுறி பெற்றுக்கொள்வதற்கு தவறியதன் அடிப்படையில் 2022 ஆகஸ்ட் 22 ஆம் திகதி ஒப்பந்தம் கையளித்தல் இரத்துச் செய்யப்பட்டிருந்தது. (நுரைச்சோலை லக்விஜய நிலக்கரி மின் நிலையத்திற்காக 2022-2025 காலப் பகுதிக்குரிய நிலக்கரி கொள்வனவு செய்யும் பெறுகை செயற்பாடுகளின் மதிப்பீட்டுப் பெயரில் விஷேட கணக்காய்வு அறிக்கையொன்று இது தொடர்பாக 2022 ஆம் ஆண்டில் வெளியிடப்பட்டுள்ளது.)

5.4.3.1.1.2 2023 சனவரி முதல் ஏப்ரல் வரை நிலக்கரி மெற்றிக்தொன் 720,000**±** 10 சதவீதப் பெறுகை

(i) அவசரம் மற்றும் விஷேட நிலைமையினைக் கவனத்திற் கொண்டு கடன் வசதியின் அடிப்படையில் எதிர்பார்க்கப்பட்ட பதிவு அல்லது கோரப்பட்ட அல்லது தமது முன்மொழிவைச் சமர்ப்பித்த வழங்குநர்களிடமிருந்து (Unsolicited Proposal) மற்றும் இரத்துச் செய்யப்பட்ட உடனடி மற்றும் நீண்டகால பெறுகைகளுக்காக கேள்வி சமர்ப்பித்த கேள்விதாரர்கள் மற்றும் அரசாங்கத்திற்கிடையிலான அடிப்படையிலும் ஒருவருட காலத்தில் முன்மொழிவு கோருவதற்கு 2022 நவம்பர் 18 ஆந் திகதிய இலக்கம் 22/1872/621/014-vi என்ற அமைச்சரவை விஞ்ஞாபனத்திற்காக **(இணைப்பு 03)** 2022 நவம்பர் 21 ஆம் திகதி அமைச்சரவை அங்கீகாரம் கிடைத்திருந்தது. **(இணைப்பு 04)**

(ii) வழங்குநர்களுக்கிடையே ஒன்றிணைவு மற்றும் போட்டித் தன்மை அதிகரிப்பதற்காக கேள்வி பிணைமுறை, செயலாற்றல் பிணைமுறி மற்றும் தகைமைகள் இலகுபடுத்துதலும் காலம்தாழ்த்திக் கொடுப்பனவு செய்தல், ரூபா கணக்கு அல்லது ஏனைய கொடுப்பனவு திட்டத்தை ஏற்றுக் கொள்வதற்காகவும் அங்கீகாரம் அந்த அமைச்சரவைத் தீர்மானத்தில் வழங்கப்பட்டிருந்தது. அதன் பிரகாரம் 2022 நவம்பர் 23 ஆம் திகதி கோரப்பட்ட

முன்மொழிவிற்காக 09 வழங்குநர்கள் சமர்ப்பித்த முன்மொழிவுகளுக்கிடையே MS/PT Arista Miltra Jaya கம்பனி நிலக்கரி மெற்றிக்தொன் 720,000 வழங்குவதற்கு தெரிவு செய்யப்பட்டிருந்த போதிலும் **(இணைப்பு 05)** நிலக்கரிக் கம்பனி வழங்கிய நாணயக் கடிதம் வழங்குநரின் வங்கியினால் ஏற்றுக்கொள்ளாமையின் அடிப்படையில் 2023 சனவரி 27 ஆம் திகதி கையொப்பமிடப்பட்ட ஒப்பந்த உடன்படிக்கை 2023 மார்ச் 06 ஆம் திகதி இரத்துச் செய்யப்பட்டிருந்தது. **(இணைப்பு 06)**

(iii) அதன் பின்னர் நியமிக்கப்பட்ட அமைச்சரவை உபகுழுவின் ஆரம்ப முன்மொழிவு மதிப்பீடு செய்யப்பட்டுள்ளதுடன் 2023 பெப்ரவரி 06 ஆம் திகதிய இலக்கம் 23/0259/621/007/ரீபீஆர் என்ற அமைச்சரவை குறிப்பு **(இணைப்பு 07)** 2023 பெப்ரவரி 06 ஆம் திகதிய அமைச்சரவை கூட்டத்தின் போது அங்கீகாரம் வழங்கப்பட்டிருந்ததுடன் Coral Energy DMCC கம்பனியுடன் நிலக்கரி மெற்றிக்தொன் 720,000 வழங்குவதற்காக 2023 பெப்ரவரி 23 இல் உடன்படிக்கை செய்யப்பட்டிருந்தது.

**5.4.3.1.1.3 2023-2024 காலப் பகுதிக்காக உடனடி பெறுகைகளின் மூலம் மெற்றிக்தொன் 300,000 + 10 சதவீதம் (05 Shipments பெற்றிக்கொள்ளல்)**

பதிவு மற்றும் 2023 யூலை 18 ஆந் திகதி அல்லது அதற்கு முன்னர் பதிவு செய்த எதிர்பார்ப்புடன் இருக்கின்ற வழங்குநர்களிடமிருந்து கேள்வி கோருவதற்கு 2023 யூன் 23 ஆம் திகதி விஷேட நிலையியல் பெறுகைகள் குழு (SSCAPC) வழங்கிய தீர்மானத்தின் படி **(இணைப்பு 08)** அத் திகதியில் கேள்வி அறிவிக்கப்பட்டதுடன் அனுப்புவதற்கு நடவடிக்கை எடுத்து 2023 யூலை 21 ஆந் திகதிக்கு முன்னர் கேள்வி கையேற்பதாக அறிவிக்கப்பட்டிருந்தது. அதற்காக 06 வழங்குநர்கள் கேள்வி சமர்ப்பித்திருந்ததுடன் ஆகக் குறைந்த நியாயமான கேள்வியாக Coral Energy கம்பனி தெரிவு செய்யப்பட்டிருந்தது. அதன் பிரகாரம் உரிய நிலக்கரி மெற்றிக்தொன் 300,000 வழங்குவதற்காக (CFR விலை 128.99 இற்கு) 2023 செப்டெம்பர் 07 ஆம் திகதி இந்தக் கம்பனி மற்றும் கம்பனிக் கிடையே உடன்படிக்கை கைச்சாத்திடப்பட்டதுடன் அதற்காக மேவுகை அங்கீகாரம் 2023 செப்டெம்பர் 26 ஆம் திகதி நடைபெற்ற அமைச்சரவைக் கூட்டத்தின் போது பெற்றுக்கொள்வதற்கு அமைச்சரவை நடவடிக்கை எடுத்திருந்தது. **(இணைப்பு 09)**

**5.4.3.1.1.4 நீண்டகாலப் பெறுகைகளின் கீழ் (LCC/23/TT/1) 2023 ஒக்டோபர் முதல் 2024 திசம்பர் வரை நிலக்கரி மெற்றிக்தொன் மில்லியன் 2.25 கொள்வனவு செய்தல்.**

இதற்கிடையே மேற்கூறப்பட்ட கால எல்லைக்காக 2023 மார்ச் 27 ஆந் திகதி நடைபெற்ற அமைச்சரவை தீர்மானத்தின் பிரகாரம் **(இணைப்பு 10)** நீண்டகாலப் பெறுகைகளின் மூலம் கேள்வி கோருதவ்றகு 2023 யூன் 13 ஆந் திகதி பிரசுரிக்கப்பட்ட பத்திரிகை அறிவித்தல் மற்றும் இரத்திரனியல் தபால் மூலம் மேற்கொள்ளப்பட்ட கோள்வி கோரியதற்காக 05 வழங்குநர்கள் பதிலளித்திருந்தனர். ஆவ்வாறு பதிலளித்த வழங்குனர்களுக்கிடையே 2023 செப்டெம்பர் 11 ஆந் திகதி கிடைத்த SCAPC தீர்மானத்தின் படி **(இணைப்பு 11)** Coral Energy DMCC கம்பனிக்கு ஒப்பந்தம் கையளிக்கப்பட்டி ருந்தது. எனினும் 2023 செப்டெம்பர் 18 ஆம் திகதி வழங்குநர் கம்பனியால் கேள்வி விலக்கிக் கொள்ளப்பட்டதன் காரணமாக 2023 செப்டெம்பர் 25 ஆம் திகதி பெறுகையினை இரத்துச் செய்வதற்கு அமைச்சரவை தீர்மானித்திருந்தது. **(இணைப்பு 12)**

**5.4.3.1.1.5 2023/2024 மற்றும் 2024/2025 பெறுகைக் கால எல்லைக்காக நிலக்கரி மெற்றிக்தொன் மில்லியன் 2.25 கொள்வனவு செய்தல் LCC/23/Prop/1**

(i) மேற்கூறப்பட்ட பெறுகைகள் இரத்துச் செய்தல் மிகவும் குறுகிய காலத்தில் மின் நிலையத்திற்காக நிலக்கரி வழங்க வேண்டி ஏற்பட்டிருந்ததுடன் ஏற்பட்ட அவசர நிலைமையின் அடிப்படையில் 2023 செப்டெம்பர் 25 ஆம் திகதி மேற்கூறப்பட்ட அமைச்சரவை தீர்மானத்தின் படி நிலக்கரி மெற்றிக்தொன் மில்லியன் 2.25 கொள்வனவு செய்வதற்காக பதிவு செய்த வழங்குநர்களின் விருப்பத்தைக் கோருவதற்கு (EOI) ஒரு வார காலத்தில் நடவடிக்கை எடுக்கப் பட்டிருந்தது.

(ii) அதன் பிரகாரம் 2023 செப்டெம்பர் 20 ஆம் திகதி 04 கேள்விகள் கிடைத்திருந்ததுடன் தெரிவு செய்யப்பட்ட Black Sand Commodities FZ-LLC கம்பனியுடன் 2023 செப்டெம்பர் 29 ஆம் திகதி உடன்படிக்கை கைச்சாத்திடப்பட்டிருந்தது. அதன் பிரகாரம் இந்த வழங்குநர் வழங்குவதற்காக உடன்படிக்கை செய்யப்பட்ட 38 கப்பல்களில் 16 அதாவது மெற்றிக்தொன் 914,495 வழங்கப்பட்டிருந்ததுடன் அரசியல் பிரச்சினையின் காரணமாகவும், கம்பனியின் தாய்க் கம்பனியான SUEK AG (ரஸ்யா) இன் அடிப்படையில் வரி விதித்ததன் காரணமாக மிகுதி அளவான மெற்றிக்தொன் 1,390,342 வழங்குவதற்காக மேற்கூறப்பட்ட வழங்குநரால் மேற்கொள்ளப்பட்ட பணிப்பாளர் சபை முன்மொழிவின் படி POTENCIA LLC-FZ கம்பனிக்கு மேற்கூறப்பட்ட அளவை வழங்கும் பொறுப்பை உறுதிப்படுத்துவதற்காக 2024 மார்ச் 18 ஆந் திகதி அமைச்சரவை அங்கீகாரம் கிடைத்திருந்தது. **(இணைப்பு 13)** அதன் பின்னர் 2024 மார்ச் 19 ஆந் திகதி கம்பனி மற்றும் POTENCIA LLC-FZ இற்கிடையே மேலதிக உடன்படிக்கை கைச்சாத்திடப்பட்டிருந்தது. எனினும் மேலே பெயர் குறிப்பிடப்பட்ட வழங்குநர் மேற்கூறப்பட்ட அங்கீகரித்தல்களுக்கு முன் அதாவது 2024 சனவரி 27 ஆம் திகதி நிலக்கரி வழங்குதல்களை ஆரம்பித்திருந்ததுடன் 2023/2024 காலப் பகுதிக்காக 13 கப்பல் தடவைகள் மற்றும் 2024/2025 காலப் பகுதிக்காக 09 கப்பல் தடவைகள் Potenzia கம்பனி வழங்கியிருந்தது.

**5.4.3.1.1.6 2024/2025 இற்காக 2025/2026 காலப் பகுதிக்காக நீண்டகாலப் பெறுகையின் கீழ் (Icc/tt/24/1) மெற்றிக்தொன் மில்லியன் 2.225 கொள்வனவு செய்தலை இரத்துச் செய்தல் மற்றும் LCC/23/Pprop/1 New ஆன திட்டத்தின் மூலம் கொள்வனவு செய்தல்.**

(i) 2023 நம்வம்பர் 07 ஆந் திகதி லங்கா நிலக்கரி கம்பனியால் மின்சாரம் மற்றும் வலு சக்தி அமைச்சின் கோரிக்கையின் படி **(இணைப்பு 14)** 2024/2205, 2025/2026 காலப் பகுதிக்காக நீண்டகாலப் பெறுகையின் கீழ் மெற்றிக் தொன் 2.225 கொள்வனவு செய்வதற்காக பொது முயற்சிகள் பணிப்பாளர் நாயகத்தால் 2023 திசம்பர் 06 ஆம் திகதி TEC மற்றும் SSCAPC குழு நியமிக்கப்பட்டதுடன் **(இணைப்பு 15)** 2024 பெப்ரவரி 20 ஆம் திகதி கேள்வி கோரப்பட்டிருந்தது. இதற்காக கேள்வி சமர்ப்பித்தல் இறுதி திகதி 2024 ஏப்ரல் 02 ஆக கருதப்பட்டிருந்த போதிலும் பல்வேறு காரணங்களின் அடிப்படையில் கேள்வி கோரல் இறுதி திகதி

நான்கு தடவைகள் மாற்றப்பட்டு 2024 யூலை 08 வரை நீடிக்கப்பட்டிருந்தது. கேள்வி மதிப்பீடு செய்யப்பட்ட திகதி அதாவது 2024 யூலை 08 ஆம் திகதி முன்னாள் Novation agreement இன் கீழ் நிலக்கரி வழங்கியிருந்த பதிவு செய்யாத கம்பனியான Potenzia கம்பனி கூறுவிலை சமர்ப்பித்த போதும் (proposal) TEC இனால் அது மதிப்பீடு செய்யப்படமால் குறைந்த நியாயமான கேள்வியாக ஐ.அ. டொலர் 135.79 CFR விலை சமர்ப்பித்த Adithya Birla கம்பனி பரிந்துரை செய்யப்பட்டிருந்தது. 2024 ஆகஸ்ட் 05 ஆந் திகதி அமைச்சரவைத் தீர்மானத்தின் படி **(இணைப்பு 16)** 2024 யூலை 25 ஆந் திகதி சமர்ப்பிக்கப்பட்ட அமப/24/1493/621/075 என்ற அமைச்சரவைக் குறிப்பின் பிரகாரம் **(இணைப்பு 17)** தெரிவு செய்யப்பட்ட வழங்குநருடன் விலைக்கான சீராக்கத்தைப் பெற்றுக்கொள்வதற்கு (negotiation) கலந்துரையாடுவதற்கும் அது தவறியதன் அடிப்படையில் தற்போதைய வழங்குநரர் வழங்கியிருந்த விலை முன்மொழிவு (proposal) மதிப்பிடுவதற்கும் Potenzia உடன் ஏற்படுத்தப்பட்ட ஆரம்ப உடன்படிக்கையில் 50 சதவீதம் அந்த வழங்குநருக்கு முன்மொழிவு செய்யப்பட்டிருந்தது. மேலும் இதற்காக நிதி அமைச்சரின் அவதானிப்பின்படி அமைச்சரவை உப குழு நியமிக்கப்பட்டதுடன் அந்த பரிந்துரை 2024 ஆகஸ்ட் 21 ஆந் திகதி வழங்கப்பட்டிருந்தது. **(இணைப்பு 18)**

(ii) அந்த உப குழுவின் பரிந்துரையின் அடிப்படையில் நீண்டகாலக் கேள்வியின் கீழ் தெரிவு செய்யப்பட்ட Adithya Birla கம்பனி விலையினை சீராக்குவதற்கு இணங்காமையின் அடிப்படையில் நீண்டகாலக் கேள்வியை இரத்துச் செய்வதற்கும் Potenzia கம்பனியின் விலை முன்மொழிவான CFR விலையான ஐ.அ.டொலர் 121.82 விலையில் LCC/23/PROP/1(new) மெற்றிக்தொன் 2.25 மொத்த தேவையையும் வழங்குவதற்கு அமைச்சரவை 2024 ஆகஸ்ட் 24 ஆந் திகதி அங்கீகாரம் வழங்கியிருந்தது. **(இணைப்பு 19)** மேலும் நாணயக் கடிதம் (LC) மூலம் செலுத்தாமல் டெலிகிராம் பரிமாற்ற முறைமை Telegraphic Transfer) இன் மூலம் செலுத்துவதற்கு Potenzia கம்பனியின் கோரிக்கைக்காகவும் அங்கீகாரம் அதன் மூலம் வழங்கப்பட்டிருந்தது. அதன் பிரகாரம் 2024 செப்டெம்பர் 12 ஆம் திகதி ஒப்பந்தம் கையளிக்கப்பட்டிருந்த போதிலும் **(இணைப்பு 20)** வழங்குநராக பதிவு செய்யப்படாத இந்த வழங்கு நருடன் புதிய உடன்படிக்கை கைச்சாத்திடுவதற்கு நடவடிக்கை எடுக்கப்பட்டிருக்கவில்லை.

### 5.4.3.2 2025/2026 காலப்பகுதிக்காக நிலக்கரி கொள்வனவு செய்தல்

#### 5.4.3.2.1 2025 ஆம் ஆண்டிற்கான காலப்பகுதிக்காக வழங்குனர்களை பதிவு செய்தல்

(i) சர்வதேச வழங்குனர்களிடம் இருந்து நிலக்கரி வழங்குதல் முன் அனுபவம், நிதி இயலுமை, சட்ட ரீதியான நிலமை மற்றும் மதிப்பீட்டுக்கு உட்படுத்த வேண்டிய ஏனைய தேவையான குறிகாட்டிகளை மதிப்பீட்டுக்கு உட்படுத்தி வருடாந்தம் நிலக்கரி வழங்குனர்கள் லங்கா நிலக்கரி கம்பனியில் பதிவு செய்யும் நடைமுறை ஒன்று கம்பனியால் தயாரிக்கப்பட்டிருந்தது. இந்த பதிவு

வருடம் முழுவதும் மேற்கொள்ளப்படுவதுடன் 2025/2026 காலப் பகுதிக்காக நிலக்கரி கொள்வனவு செய்யும் பெறுகைகள் ஆரம்பிப்பதற்கு முன்னரும் வழங்குனர்கள் பதிவு செய்தல் இடம்பெற்று இருந்தது. இந்த பதிவு செய்தல் 2025 ஆம் ஆண்டில் மேற்கொள்ளப்பட்ட இரண்டாவது பதிவு செய்தலாக இருந்ததுடன் அந்த பதிவிற்கு முன்னர் 21 வழங்குனர்கள் கடந்த ஆண்டில் பதிவு செய்து இருந்தனர். 2025/2026 ஆண்டில் நிலக்கரி கொள்வனவு செய்வதற்கு மேற்கொள்ளப்பட்ட மேற்குறிப்பிடப்பட்ட இறுதி வழங்குனரின் பதிவின் போது 09 வழங்குனர்களின் பதிவு செய்வதற்காக கவனத்தில் கொள்ளப்பட்டிருந்தது. அதன் போது வழங்குனர்களை பதிவு செய்வதற்காக தெரிவு செய்வதற்காக மதிப்பீட்டுக்கு கீழே குறிப்பிடப்படுகின்ற அங்கத்தவர்களை உள்ளடக்கிய கேள்வி மதிப்பீட்டுக் குழு (BEC) மற்றும் அமைச்சரவை நியமித்த உயர் மட்ட நிலையியற் பெறுகைக் குழு (SHLPC) 2025 யூலை 23 ஆம் திகதி நியமிக்கப்பட்டிருந்தது.

**அட்டவணை இலக்கம் 02 - வழங்குனர்களை தெரிவு செய்வதற்காக நியமிக்கப்பட்ட கேள்வி மதிப்பீட்டுக் குழு (BEC)**

| பெயர் | பதவி | குழுவில் பதவி |
|---|---|---|
| திரு.டீ.எம்.ஆர்.கே.பி. குணரட்ண (பொறியியலாளர்) | பிரதி பொது முகாமையாளர் - இலங்கை மின்சார சபை (மகாவலி கட்டிடத் தொகுதி) | தலைவர் |
| திரு.ரீ.பீ. கொடித்துவக்கு | பணிப்பாளர் (தொழில் நுட்ப வலு சக்தி அமைச்சு) | அங்கத்தவர் |
| திருமதி. ஹிமாலி போகொட கெதர | பணிப்பாளர் - வெளிநாட்டு வளங்கள் திணைக்களம் | அங்கத்தவர் |
| திரு.டபிள்யூ.ஏ.கே.டீ. பிரேமதிலக | மேலதிக நிதி முகாமையாளர் (உற்பத்தி) இலங்கை மின்சார சபை | அங்கத்தவர் |
| திரு.பி.ஏ. அஜித் குமார | நிதி முகாமையாளர் - இலங்கை நிலக்கரி கம்பனி | அங்கத்தவர் |
| திரு.எச். சமன் த சில்வா | பதில் முகாமையாளர் - (Cratering and Agency) வரையறுக்கப்பட்ட இலங்கை கப்பல் கூட்டுத்தாபனம் | அங்கத்தவர் |
| திரு.பி.டபிள்யூ. பமுனு சிங்க | மின் நிலைய முகாமையாளர், லக்விஜய மின் உற்பத்தி நிலையம். | அங்கத்தவர் |
| திரு.ஏ.பி.எம்.ரீ அபேகோண் | பிரதி மின் நிலைய முகாமையாளர் - லக்விஜய மின் உற்பத்தி நிலையம். (வணிக மற்றும் மேற்பார்வை) | அங்கத்தவர் |

**அட்டவணை இலக்கம் 03 வழங்குனர் ஒருவரைத் தெரிவு செய்வதற்காக நியமிக்கப்பட்ட உயர் மட்டத்தின் நிலையியல் பெறுகைகள் குழு (SHLPC)**

| பெயர் | பதவி | குழுவில் பதவி |
|---|---|---|
| திரு.கே.ஆர். உடுவாவெல | செயலாளர் - சுற்றாடல் அமைச்சு | தலைவர் |
| திரு.பேராசிரியர் கே.ரீ.எம். உதயங்க ஹேமபால | செயலாளர் - வலு சக்தி அமைச்சு | அங்கத்தவர் |
| திருமதி.ஏ.டபிள்யூ. தில்ருக்சினி | உதவி ஆளுநர் - இலங்கை மத்திய வங்கி | அங்கத்தவர் |
| திரு.எம்.கே. பிரதீப் குமார | பணிப்பாளர் நாயகம் வியாபார மற்றும் முதலீட்டுக் கொள்கைகள் திணைக்களம் | அங்கத்தவர் |
| திரு.டபிள்யூ. எதுசூரிய | பொது முகாமையாளர் - இலங்கை மின்சார சபை | அங்கத்தவர் |
| திரு.ஏ.பி.எல்.ஜீ. களன்சூரிய | மேலதிக பணிப்பாளர் நாயகம் - அரச கணக்குகள் திணைக்களம் | அங்கத்தவர் |

(i) லங்கா நிலக்கரி கம்பனியால் 2025 ஆம் ஆண்டிற்காக வழங்குனர்களை பதிவு செய்தல் முற்தகைமைகளை பரீட்சிப்பதற்கான விண்ணப்பங்களை கோரும் அறிவித்தல், 2025 சனவரி 12 ஆந் திகதி ஒரு தேசிய பத்திரிகை மற்றும் 2025 சனவரி 16 ஆந் திகதிய லங்கா நிலக்கரிக் கம்பனியின் இணையதளத்தில் பிரசுரிக்கப்பட்டிருந்தது. அந்த அறிவித்தலின் பிரகாரம் நிலையியல் பெறுகைக் குழுவினால் வழங்குனர்களை பதிவு செய்வதற்கான அங்கீகாரம் வழங்கப்பட்ட பின்னர் ஐஅ.டொலர் 5,000 மீள செலுத்தாத கட்டணம் செலுத்துதல் வேண்டும்.

(ii) வழங்குனர் ஒருவராக நிலக்கரி கம்பனியில் பதிவு செய்வதற்காக விண்ணப்பப் பத்திரம் கோருவதுடன் வழங்கப்படுகின்ற ஆலோசனைப் பத்திரத்தின் படி பின்வரும் குறிகாட்டிகள் பூர்த்திசெய்யப்பட வேண்டும். **(இணைப்பு 23)**

- பதிவு செய்வதற்காக வழங்குனருக்கு விண்ணப்பிக்கப்படுகின்ற வழங்குனருக்கு இறுதி 36 மாத காலத்தில் நிலக்கரி மெற்றிக்தொன் 500,000 ஐ விஞ்சி வழங்கிய அனுபவம் காணப்பட வேண்டி இருந்ததுடன் அதில் ஆகக் குறைந்தது மெற்றிக் தொன் 100,000 GCV 5.900 kcal/kg அல்லது அதற்கு மேற்பட்ட பெறுமதியாக இருத்தல் வேண்டும்.

  **(2023 யூன் 23 ஆம் திகதி திருத்தப்பட்ட மேற்கூறப்பட்ட நிபந்தனைகளுக்கு முன்னர் வழங்குனர் பதிவு செய்தல் குறிகாட்டிகளை கவனத்தில் கொள்ளும் இடத்து பதிவு செய்வதற்காக விண்ணப்பிக்கின்ற வழங்குனர்களுக்கு இறுதி 36 மாத காலத்தில் ஆகக் குறைந்தது நிலக்கரி மெற்றிக்தொன் 1,000,000 வழங்கிருக்கும் அனுபவம் காணப்பட வேண்டி இருந்ததுடன் அதில் ஆகக் குறைந்தது மெற்றிக்தொன் 500,000 GCV 5,900 kcal/kg அல்லது அதற்கு மேற்பட்ட பெறுமதியை கொண்டிருக்க வேண்டும் என குறிப்படப்பட்டிருந்தது.)**

- கடந்த 03 வருட காலத்தில் வருடாந்த சராசரி புரள்வு ஐஅ.டொலர் 50 மில்லியன் அதற்கு அல்லது அதற்கு மேற்பட்டதாக இருத்தல் வேண்டும்.

- தொழிற்படு மூலதனம் மற்றும்/ அல்லது கடன் வசதிகளை பெற்றுக் கொள்ளும் இயலுமை ஐஅ.டொலர் 15 மில்லியனுக்கு குறையாது இருத்தல்.

- கடந்த 03 வருட காலத்தில் விண்ணப்பதாரரால் நிறைவேற்றப்பட்ட ஒப்பந்தங்கள் தொடர்பான வழக்கு கையளித்தல் மற்றும் பிணக்குகள் தீர்த்தல் தொடர்பான சரியான தகவல்கள

(iii) அந்த விண்ணப்பப் பத்திரங்கள் தொழில் நுட்ப மதிப்பீட்டுக் குழுவினால் மதிப்பீடு செய்யப்பட்ட பின்னர் தகைமை பெற்ற வழங்குனர்களாக கீழே குறிப்பிடப்பட்ட 06 வழங்குனர்களுக்காக உயர் மட்டத்தில் நிலையியற் பெறுகைகள் குழு (SHLPC) அங்கீகாரம் வழங்கியிருந்தது. **(இணைப்பு 24)**

- POTENCIA LLC-FZ
- A2A TRADING FZE
- PANACAPE TRADING DMCC
- TRIDENT CHEMPHAR LIMITED
- SPIRIKO Ltd.
- .PERSEVERANCE DMCC

(iv) மேற்கூறப்பட்ட வழங்குனர்களால் மதிப்பீட்டுக்கு சமர்ப்பிக்கப்பட்ட குறிகாட்டிகள் கீழே காண்பிக்கப்படுகின்றது.

**அட்டவணை இலக்கம் 04 – வழங்குனர்களால் சமர்ப்பிக்கப்பட்ட தகவல்கள்**

| குறிகாட்டிகள் | இறுதி 36 மாதத்தில் நிலக்கரி மெற்றிக்தொன் 500,000 வழங்குதல் (அதில் 100,000 GCV 5,900 kcal/kg அல்லது மேற்கூறப்பட்ட பெறுமதியைக் கொண்டிருத்தல்) | கடந்த 03 வருடத்தில் சராசரி புரள்வு (ஐஅ.டொலர் 50) | தொழிற்படு மூலதனம் மற்றும் கடன் பெறும் வசதிகளின் இயலுமை ஐஅ.டொலர் 15 மில்லியனுக்கு குறையாது இருத்தல் | கடந்த 03 வருடத்தில் விண்ணப்பதாரர்களால் நிறைவேற்றப்பட்ட ஒப்பந்தங்கள் தொடர்பான சட்ட ரீதியான பிரச்சினையான நிலமைகள் ஏற்பட்டிருந்ததா? |
|---|---|---|---|---|
| POTENCIA LLC- | மொத்த | 116Mn | பூர்த்தி | பூர்த்தி |

| | | | | |
|---|---|---|---|---|
| FZ | வழங்கல் 537,515MT<br>GCV 5900 < 537515MT | | செய்யப்பட்டுள்ளது. | செய்யப்படவில்லை. |
| A2A TRADING FZE | மொத்த வழங்கல் 506,610MT<br>GCV 5900 < 206407 MT | 94Mn | பூர்த்தி செய்யப்பட்டுள்ளது. | பூர்த்தி செய்யப்படவில்லை. |
| PANACAPE TRADING DMCC | மொத்த வழங்கல் 531,284MT<br>GCV 5900 < 531,284MT | 263Mn | பூர்த்தி செய்யப்பட்டுள்ளது. | பூர்த்தி செய்யப்படவில்லை. |
| TRIDENT CHEMPHAR LIMITED | மொத்த வழங்கல் 504,997MT<br>GCV 5900 < 215,590MT | 156Mn | பூர்த்தி செய்யப்பட்டுள்ளது. | பூர்த்தி செய்யப்படவில்லை. |
| SPIRIKO Ltd. | மொத்த வழங்கல் 536,597MT<br>GCV 5900 < 536,597MT | 240Mn | பூர்த்தி செய்யப்பட்டுள்ளது. | பூர்த்தி செய்யப்படவில்லை. |
| PERSEVERANCE DMCC | மொத்த வழங்கல் 673,604MT<br>GCV 5900 < 673,604MT | 2,667Mn | பூர்த்தி செய்யப்பட்டுள்ளது. | பூர்த்தி செய்யப்படவில்லை. |

(v) அதற்கு மேலதிகமாக 2023 ஆம் ஆண்டில் பதிவு செய்த Taranjot Resource (pvt) Ltd. கம்பனி பதிவை மேற்கொண்ட 2023 ஆம் ஆண்டிற்கு அண்ணளவாக 36 மாத காலத்தில் வழங்கப்பட்டிருந்த நிலக்கரி இருப்பில் மொத்த கலோரி பெறுமதி (GCV) பின்வரும் எல்லையில் காணப்பட்டது.

**அட்டவணை இலக்கம் 05 Taranjot Resource (pvt) Ltd. கம்பனி பதிவு செய்த அண்ணளவாக 36 மாத காலத்தில் வழங்கப்பட்டிருந்த நிலக்கரி அளவு**

| எல்லை | வழங்கப்பட்ட மெ.தொன் அளவு |
|---|---|
| 5,500-5,899 | 43,994 |
| 5,000-5,999 | 186,463 |
| 4,500 -4,999 | 106,158 |
| 4,000-4,499 | 403,244 |
| 3,500-3,999 | 172,767 |
| 3,000 -3,499 | 203,274 |
| மொத்தம் | **1,115,900** |

(vi) அதன் பிரகாரம் 2025 ஆகஸ்ட் 14 ஆந் திகதி லங்கா நிலக்கரி கம்பனியின் தலைவரால் உரிய மேல் மட்டத்தின் நிலையியல் பெறுகைக் குழு (SHLPC) தீர்மானத்தின் அடிப்படையில் லங்கா நிலக்கரி கம்பனியின் வழங்குராக பதிவு செய்வதற்கு தகைமைகள் உள்ளதாக மேற்கூறப்பட்ட வழங்குனர்களுக்காக அறிவிக்கப்பட்டிருந்தது. மேலும் 03 வருடங்களுக்காக பதிவுக் கட்டணமாக ஐஅ.டொலர் 5,000 உடனடியாக செலுத்துமாறும் மெற்றிக்தொன் 1.5 பெறுகைகளுக்கான வரையறுக்கப்பட்ட கால எல்லையாக இருந்தமையால் அந்த கேள்விக்காக சமூகம் பங்குபற்றும் உறுதிப்பாட்டிற்காக விரைவாக பதிவுக் கட்டணம் செலுத்தும் தேவையும் அந்தக் கடிதத்தில் அறிவுறுத்தப்பட்டிருந்தது. **(இணைப்பு 25)**

(vii) அதன் பிரகாரம் மேற்குறிப்பிட்ட வழங்குனர்களால் உரிய பதிவினை உறுதிப்படுத்திக் கொள்வதற்காக கீழே குறிப்பிடப்படுகின்ற பிரகாரம் உரிய பதிவுக் கட்டணங்கள் செலுத்தப்பட்டிருந்தது.

**அட்டவணை இலக்கம் 06 2025 ஆம் ஆண்டில் பதிவுசெய்த வழங்குனர்களின் பதிவை உறுதிப்படுத்திய திகதி**

| வழங்குனர் | பணம் செலுத்திய திகதி | செலுத்தப்பட்ட பெறுமதி ஐஅ.டொலர் | பணம் செலுத்தி பதிவு செய்யப்பட்டமைக்கு கம்பனி உறுதிப்படுத்திய திகதி |
|---|---|---|---|
| POTENCIA LLC-FZ | 2025 ஆகஸ்ட் 18 | 5,000 | 2025 ஆகஸ்ட் 18 |
| A2A TRADING FZE | 2025 ஆகஸ்ட் 15 | 5,000 | 2025 ஆகஸ்ட் 15 |
| PANACAPE TRADING DMCC | 2025 ஆகஸ்ட் 19 | 5,000 | 2025 ஆகஸ்ட் 19 |
| TRIDENT CHEMPHAR LIMITED | 2025 ஆகஸ்ட் 19 | 4,980 | 2025 ஆகஸ்ட் 22 |

| | | | |
|---|---|---|---|
| | 2025 ஆகஸ்ட் 22 | 20 | |
| SPIRIKO Ltd. | பணம் செலுத்தவில்லை. | | |
| PERSEVERANCE DMCC | 2025 ஆகஸ்ட் 15 | 5,000 | 2025 ஆகஸ்ட் 15 |

**5.4.3.2.2 2025/2026 காலப்பகுதிக்காக நிலக்கரி கொள்வனவு செய்வதற்கான பெறுகை செயற்பாடுகள்**

(i) லங்கா நிலக்கரி கம்பனியால் (LCC) 2025 ஆம் ஆண்டுக்குரிய பிரதான பெறுகைத் திட்டத்தின் அங்கீகாரத்திற்காக 2025 பெப்ரவரி 05 ஆந் திகதி இலக்கம் LCC/OP/MPP&AP/25 என்ற கடிதத்தின் மூலம் வலு சக்தி அமைச்சின் செயலாளருக்கு சமர்ப்பிக்கப்பட்டதுடன் **(இணைப்பு 26)** அதற்காக மேலதிக செயலாளரால் 2025 மார்ச் 19 ஆந் திகதி அங்கீகாரம் வழங்கப்பட்டிருந்தது. **(இணைப்பு 27)**

(ii) நிலக்கரி பெறுகைகள் தொடர்பாக 2015 யூலை 13 ஆந் திகதிய இலக்கம் 15/1082/615/042 என்ற அமைச்சரவைத் தீர்மானத்தின் **(இணைப்பு 28)** பிரகாரம் உடனடிக் கொள்வனவுத் திட்டம் (Spot Tender) என்ற முறைமையின் கீழ் பெறுகை நடவடிக்கைகளுக்காக அங்கீகாரம் வழங்கப்பட்டமையால் அந்த திட்டத்தையும் உள்ளடக்குகின்ற வகையில் பெறுகைக் கால அட்டவணை (PTS) தயாரித்து 2025 ஏப்ரல் 08 ஆந் திகதி கம்பனியால் வலு சக்தி அமைச்சுக்கு சமர்ப்பிக்கப்பட்டதுடன் அதற்காக விரைவாக உயர் மட்டத்தின் நிலையியற் பெறுகைக் குழு (SHLPC) மற்றும் கேள்வி மதிப்பீட்டுக் குழு (BEC) நியமிக்குமாறும் 2025 ஏப்ரல் 08 ஆந் திகதிய LCC இலக்க கடிதம் மூலம் கோரிக்கை விடப்பட்டிருந்தது. **(இணைப்பு 29)**

(iii) நீண்ட காலம் மற்றும் உடனடிப் பெறுகைகள் இரண்டிற்காக ஒரு பெறுகைக் குழு மற்றும் கேள்வி மதிப்பீட்டுக் குழு ஐ நியமிப்பதற்காக 2025 ஏப்ரல் 05 ஆந் திகதி இலக்கம் PE/TEN/SSCAPC/SS/2015/43 என்ற கடிதம் மூலம் வலு சக்தி அமைச்சின் செயலாளரால் கோரிக்கை விடப்பட்டதுடன் **(இணைப்பு 30)** அந்த கோரிக்கைக்கு பதிலாக 2025 யூன் 02 ஆந் திகதி இலக்கம் NPC/PP/01/CL-154/2025 என்ற கடிதம் மூலம் தேசிய பெறுகைகள் ஆணைக்குழுவின் இணக்கம் தெரிவித்து இருந்தது. **(இணைப்பு 31)**

(iv) அதன் பிரகாரம் 2025 – 2026 (2025 செப்டம்பர் 15 முதல் 2026 செப்டம்பர் 15 வரை) காலப் பகுதிக்காக லக்விஜய மின் உற்பத்தி நிலையத்திற்கான வருடாந்த நிலக்கரி தேவை மில்லியன் 2.320 MMT (மெற்றிக்தொன்) + 10 சதவீதமாக இலங்கை மின்சார சபை (CEB) இனால் 2025 யூன் 09 ஆந் திகதி இலக்கம் LVPP/PPM/PEC-3/2025-05 என்ற கடிதம் மூலம் கம்பனிக்கு அறிவிக்கப்பட்டிருந்தது. **(இணைப்பு 32)**

(v) இதற்கு இடையே லங்கா நிலக்கரி கம்பனியால் வரைவு கேள்வி ஆவணங்கள் தேசிய பெறுகைகள் ஆணைக்குழுவிற்கு 2025 யூன் 26 ஆந் திகதி இலக்கம் LCC/CH/01/25/13 என்ற கடிதம் சமர்ப்பிக்கப்பட்டதுடன் **(இணைப்பு 33)** 2025 – 2026 எதிர்காலத் தடவைகளுக்காக நிலக்கரி பெறுகை ஆரம்பிக்கும் வகையில் வலு சக்தி அமைச்சரால் 2025 யூலை 04 ஆந் திகதி இலக்கம் 25/1188/825/066 என்ற அமைச்சரவைக் குறிப்பு சமர்ப்பிக்கப்பட்டிருந்தது. இந்த குறிப்பு பின்வரும் முன்மொழிவுகளுக்காக அங்கீகாரம் எதிர்பார்க்கப்பட்டிருந்தது. **(இணைப்பு 34)**

(அ) நுரைச்சோலை லக் விஜய நிலக்கரி மின் நிலையத்திற்காக 2025/2026 காலப் பகுதிக்காக நிலக்கரி மில்லியன் 2.320 MMT + 10 சதவீதம் (39 கப்பலில் இடல்) பெறுகைகளுக்காக நீண்ட கால பெறுகை நடைமுறையின் கீழ் பதிவு செய்த வழங்குனர்களிடம் இருந்து கேள்வி கோருதல்.

(ஆ) நிலக்கரி வழங்குவதற்கு இடையூறாக இருக்குமாயின் பெறுகைகள் வழிகாட்டிக் கோவையின் 3.1.8 ஆம் பிரிவினைப் பின்பற்றி அவசர பெறுகைத் திட்டம் ஊடாக நிலக்கரி கொள்வனவு செய்தல்.

(இ) மேற்கூறப்பட்ட குறிப்பில் 2.7 இன் கீழ் குறிப்பிடப்பட்ட உத்தேசிக்கப்பட்ட கொடுப்பனவு ஒழுங்கு முறை மற்றும் வரி விடுதலைக்காக அரசாங்கம் முன்னின்றல் மற்றும் உதவியினைப் பெற்றுக் கொள்ளல்.

(ஈ) அவசர நிலக்கரி பெறுகைகள் மற்றும் நீண்ட காலப் பெறுகைகளுக்காக உயர் மட்டத்தின் நிலையியற் பெறுகைகள் குழு (SHLPC) மற்றும் கேள்வி மதிப்பீட்டுக் குழு (BEC) நியமிப்பதற்கு நிதி திட்டமிடல் மற்றம் பொருளாதார அபிவிருத்தி அமைச்சின் செயலாளருக்கு அதிகாரம் கையளித்தல்.

(vi) மேற்கூறப்பட்ட அமைச்சரவைக் குறிப்பு 2025 யூலை 21 ஆந் திகதி நடைபெற்ற அமைச்சரவைக் கூட்டத்தின் போது கவனத்தில் கொள்ளப்பட்டதுடன் அதன் போது மில்லியன் 2,320 MMT + 10 சதவீததத்திற்காக பதிவு செய்த வழங்குனரிடம் இருந்து கேள்வி கோரி நீண்ட காலப் பெறுகையின் கீழ் (Term Contract) பெறுகைகள் செய்வதற்கும் , மிகவும் அதிகமான போட்டித் தன்மை மற்றும் நிதிக்கு சமமான பெறுமதியைப் பெற்றுக் கொள்வதற்கு ஆகக் குறைந்தது இரண்டு வருடங்கள் அனுபவத்துடன் வழங்குனருக்கு கேள்வி சமர்ப்பிப்பதற்கான சந்தர்ப்பத்தைக் கவனத்தில் கொள்வதற்கும், நிலக்கரி இருப்பு போக்குவரத்து / தூக்கல் கூலிக்காக கேள்விதாரர்களினால் சமர்ப்பிக்கப்பட்ட போக்குவரத்துக் கட்டணத்தை சமப்படுத்துவதற்கு இலங்கை கப்பல் கூட்டுத்தாபனத்திற்கு நியாயமான சந்தர்ப்பங்களை வழங்குவதற்கு நடவடிக்கை எடுத்தல் மற்றும் பெறுகைகளுக்கு உரிய உயர் மட்டத்தின் நிலையியற் பெறுகைகள் குழு (SHLPC) மற்றம் கேள்வி மதிப்பீட்டுக் குழு (BEC) நியமிப்பதற்கு தேவையான அதிகாரத்தை கையளிப்பதற்கும் அங்கீகாரம் வழங்கப்பட்டிருந்தது. **(இணைப்பு 35)**

(vii) அந்த அங்கீகாரத்தின் அடிப்படையில் அரச நிதித் திணைக்களத்தின் மேலதிக பணிப்பாளர் நாயகத்தால் உயர் மட்டத்தின் நிலையியற் பெறுகைகள் குழு (SHLPC) 2025 யூலை 28 ஆந் திகதி நியமிக்கப்பட்டதுடன் மற்றம் கேள்வி மதிப்பீட்டுக் குழு (BEC) 2025 யூலை 23 ஆந் திகதி நியமிக்கப்பட்டிருந்தது. கீழே குறிப்பிடப்படுகின்ற அங்கத்தவர்களை உள்ளடக்கி இருந்தது.

**அட்டவணை இலக்கம் 07 :- உயர் மட்டத்தின் நிலையியற் பெறுகைகள் குழு (SHLPC)**

| பெயர் | பதவி | குழுவில் பதவி |
|---|---|---|
| திரு.கே.ஆர் உடுவாவெல | செயலாளர் - சுற்றாடல் அமைச்சு | தலைவர் |
| திரு.பேராசிரியர்.கே.ரீ.எம் உதயங்க ஹேமபால | செயலாளர் - வலு சக்தி அமைச்சு | அங்கத்தவர் |
| திருமதி.டபிள்யூ.ஏ.தில்ருக்சினி | உதவி ஆளுநர் - மத்திய வங்கி | அங்கத்தவர் |
| திரு.எம்.கே.பிரதீப் குமார | பணிப்பாளர் நாயகம் - வியாபார முதலீட்டுக் கொள்கைத் திணைக்களம் | அங்கத்தவர் |
| திரு.டபிள்யூ.எதுசூரிய | பொது முகாமையாளர் - இலங்கை மின்சார சபை | அங்கத்தவர் |

**அட்டவணை இலக்கம் 08 – வழங்குனர்களை தெரிவு செய்வதற்காக நியமிக்கப்பட்ட கேள்வி மதிப்பீட்டுக் குழு (BEC)**

| பெயர் | பதவி | குழுவில் பதவி |
|---|---|---|
| திரு.டீ.எம்.ஆர்.கே.பி. குணரட்ண (பொறியியலாளர்) | பிரதி பொது முகாமையாளர் - இலங்கை மின்சார சபை (மகாவலி கட்டிடத் தொகுதி) | தலைவர் |
| திரு.ரீ.பீ. கொடித்துவக்கு | பணிப்பாளர் (தொழில் நுட்ப வலு சக்தி அமைச்சு) | அங்கத்தவர் |
| திருமதி. ஹிமாலி கோகொட கெதர | பணிப்பாளர் - வெளிநாட்டு வழங்கல் திணைக்களம் | அங்கத்தவர் |
| திரு.டபிள்யூ.ஏ.கே.டீ. பிரேமதிலக | மேலதிக நிதி முகாமையாளர் (உற்பத்தி) இலங்கை மின்சார சபை | அங்கத்தவர் |
| திரு.பீ.ஏ. அஜித் குமார | நிதி முகாமையாளர் - லங்கா நிலக்கரி கம்பனி | அங்கத்தவர் |
| திரு.எச். சமன்த சில்வா | பதில் முகாமையாளர் - Cratering and Agency வரையறுக்கப்பட்ட இலங்கை கப்பல் கூட்டுத்தாபனம் | அங்கத்தவர் |
| திரு.பீ.டபிள்யூ. பமுனு சிங்க | மின் நிலைய முகாமையாளர், லக் விஜய மின் உற்பத்தி நிலையம். | அங்கத்தவர் |
| திரு.ஏ.பீ.எம்.ரீ அபேகோன் | பிரதி மின் நிலைய முகாமையாளர் - லக் விஜய மின் உற்பத்தி நிலையம். (வணிக மற்றும் மேற்பார்வை) | அங்கத்தவர் |
| திரு.சமன் ஹேரத் | பதில் கணக்கீட்டு உத்தியோகத்தர் - லங்கா நிலக்கரி கம்பனி | அங்கத்தவர் |

(viii) இதற்கு இடையே கம்பனியால் 2024/2025 காலப் பகுதிக்குரிய கேள்வியான LCC/Prop/23/I இன் கீழ் மேலதிக நிலக்கரி 225,000 MT (05 கப்பலில் இடல்) அதாவது 10 சதவீதம் + Options Quantity பெறுகைகளுக்காக இலக்கம் LCC/CH/01/25/19 என்ற 2025 யூலை 14 ஆந் திகதிய கடிதம் மூலம் வலு சக்தி அமைச்சு செயலாளரிடம் இருந்து கோரிக்கை விடப்பட்டிருந்தது. **(இணைப்பு 36)** இந்த கோரிக்கைக்காக 2015 யூலை 18 ஆந் திகதி PE/TEN/SHLPC/SP/2025/27 என்ற கடிதம் மூலம் வலு சக்தி அமைச்சின் செயலாளரால் அங்கீகாரம் வழங்கப்பட்டிருந்தது. **(இணைப்பு 37)**

(ix) 2024 இன் பெறுகைகள் வழிகாட்டியின் 6.3 ஆம் பிரிவின் பிரகாரம் கேள்வி சமர்ப்பிப்பதற்கு வழங்கப்பட்டிருந்த அங்கீகரிக்கப்பட்ட காலம் 42 ஆக இருந்ததுடன் பெறுகைகளின் போது அந்த காலம் 42 நாட்கள் முதல் 21 நாட்கள் வரை குறைப்பதற்கு அல்லது 2025 திசெம்பர் 14 முதல் 2026 சனவரி 03 வரையான காலப் பகுதிக்காக 300,000 MMT + 10 சதவீதம் வழங்குமாறு மாற்று வழிகள் இரண்டின் மூலம் ஒரு மாற்று வழிக்காக அங்கீகாரத்தை பெற்றுக் கொள்வதற்கு கம்பனியால் 2025 யூலை 31 ஆந் திகதி இலக்கம் LCC/25/TT/1 என்ற கடிதம் மூலம் வலு சக்தி அமைச்சரிடம் இருந்து கோரப்பட்டிருந்தது. **(இணைப்பு 38) அ**தனிடையே 2025 ஆகஸ்ட் 05 ஆந் திகதி வலு சக்தி அமைச்சின் செயலாளரால் பெறுகைகள் ஆணைக்குழுவின் இணக்கப்பாடு விசாரணை செய்யப்பட்டிருந்தது. **(இணைப்பு 39)** அதன்படி 2025 ஆகஸ்ட் 05 ஆம் திகதி கூடியிருந்த கேள்வி மதிப்பீட்டு குழுவிலும் பரிந்துரை செய்யப்பட்ட பின்னர் கேள்வி காலத்தைக் குறைப்பதற்காக பெறுகைகள் ஆணைக்குழுவின் அங்கீகாரம் இணக்கப்பாட்டை பெற்றுகட கொள்ள வேண்டும் என நிலையியற் பெறுகைக் குழுவினால் தீர்மானிக்கப்பட்டிருந்தது. **(இணைப்பு 40)**

(x) சமர்ப்பிக்கப்பட்ட விடயங்களை கவனத்தில் கொண்ட பின்னர் 2025 ஆகஸ்ட் 12 ஆந் திகதி நடைபெற்ற கேள்வி மதிப்பீட்டுக் குழு (BEC) கூட்டத்தின் போது 2024 – 2025 தடவைகளுக்கான பெறுகை இலக்கம் LCC/23/Prop/I இன் கீழ் மேலும் பெற வேண்டி இருந்த நிலக்கரி 615,000 MT (10 கப்பலில் இடல்) மற்றும் 2025 யூலை 18 ஆந் திகதி வலு சக்தி அமைச்சின் செயலாளரால் அங்கீகரிக்கப்பட்ட 10 சதவீதம் Plus option இன் பிரகாரம் மேலதிக நிலக்கரி இருப்பு 225,000 MT (05 கப்பலில் இடல்) உம் 2025 செப்தெம்பர் நடுப்பகுதியில் இருந்து தரையிறக்குவதற்கு தீர்மானிக்கப்பட்டமையால் மிகுதி தேவையான நிலக்கரி மில்லியன் 1.5 MMT (2.32 MMT – 615,000 MT + 225,000 MT) மாத்திரம் இந்த நீண்ட காலப் பெறுகையின் மூலம் வழங்க வேண்டும் என தீர்மானிக்கப்பட்டிருந்தது. **(இணைப்பு 41)**

(xi) இதனிடையே கேள்வி சமர்ப்பிக்கும் நாட்களின் எண்ணிக்கையைக் குறைப்பதற்கு மேற்கொள்ளப்பட்ட கோரிக்கைக்காக 2025 ஆகஸ்ட் 14 ஆந் திகதிய இலக்கம் NPC/PP/01/CD-31/2025 என்ற கடிதம் மூலம் அவசர நிலமையினைக் கவனத்தில் கொண்டு கேள்வி வைக்கும் காலம் நியாயமானதாக மற்றும் நடைமுறையில் தீர்மானம் எடுக்க முடியும் என

வலு சக்தி அமைச்சின் செயலாளருக்கு அறிவிக்கப்பட்டிருந்தது. **(இணைப்பு 42)**

(xii) 2025 திசெம்பர் முதல் 2026 ஏப்ரல் வரையான காலப் பகுதிக்காக கூறு விலை கோரும் அறிவித்தல் 2025 ஆகஸ்ட் 18 ஆந் திகதி பிரசுரிக்கப்பட்டதுடன் அந்த அறிவித்தலின் பிரகாரம் பதிவு செய்த வழங்குனர்களிடம் இருந்து கூறுவிலைகள் கோரப்பட்டிருந்ததாக காண்பிக்கப்பட்டிருந்து. **(இணைப்பு 43)** மேலும் பரிசீலனைக்காக கேள்வி ஆவணங்கள் பதிவு செய்யும் வழங்குனருக்கு இலத்திரனியல் தபால் மூலம் அறிவித்து அனுப்பப்பட்டதாகவும் 2025 ஆகஸ்ட் 20 ஆம் திகதி வரையில் உரிய கேள்வி ஆவணங்கள் பதிவு செய்த வழங்குனருக்கு கூரியர் மூலம் அனுப்புவதற்கு நடவடிக்கை எடுப்பதாகவும் அறிவிக்கப்பட்டிருந்தது.

(xiii) அதன் பிரகாரம் 2025 ஆகஸ்ட் 18 ஆந் திகதி மேற்கொள்ளப்பட்ட கேள்வி அழைப்பின் படி கேள்வி வைத்தலை முடிவுறுத்துதல் 2025 செப்தெம்பர் 08 ஆந் திகதி முற்பகல் 10.00 இற்கு முன் மேற்கொள்ள வேண்டி இருந்த போதும் கேள்விதாரரின் கோரிக்கையை கவனத்தில் கொண்டு கேள்வி கோரும் காலம் மேலும் ஒரு வாரம் அதாவது 2025 செப்தெம்பர் 15 ஆம் திகதி வரை நீடிப்பதற்கு SHLPC இனால் நடவடிக்கை எடுக்கப்பட்டிருந்தது. **(இணைப்பு 44)**

(xiv) அங்கீகரிக்கப்பட்ட கேள்வி ஆவணங்கள் 2025 ஆகஸ்ட் 15 ஆந் திகதி உயர் மட்டத்தின் நிலையியல் பெறுகைக் குழுவினால் அங்கீகரிக்கப்பட்டதுடன் மேலும் முன்னைய கேள்வி கோரல் கூட்டத்திற்கு முன் கேள்வி ஆவணத்தில் 3.19.1 (No Assignment) உப பிரிவிற்கு சட்டமாதிபரின் ஆலோசனையைப் பெற்றுக் கொள்வதற்கும் தீர்மானிக்கப்பட்டிருந்தது. **(இணைப்பு 45)**

(xv) மேற்கூறப்பட்ட பிரகாரம் அங்கீகரிக்கப்பட்ட கேள்வி ஆவணங்கள் 2025/2026 ஆம் ஆண்டுகளுக்காக நிலக்கரி வழங்குவதற்கான கம்பனியின் கீழ் பதிவு செய்திருந்த 26 வழங்குனர்களுக்கு 2025 ஆகஸ்ட் 18 ஆந் திகதி அனுப்பி கேள்வி அழைப்பு விநியோகிக்கப்பட்டிருந்தது. இந்த கேள்வி அழைப்பு அனுப்பிய 26 வழங்குனர்களுக்கு இடையே கீழே குறிப்பிடப்படுகின்ற 11 வழங்குனர்கள் பதிலளித்து இருந்ததுடன் அந்த வழங்குனர்களின் கேள்வி 2025 செம்தெம்பர் 15 ஆந் திகதி கேள்வி திறத்தல் குழுவினால் திறக்கப்பட்டிருந்தது.

**அட்டவணை இலக்கம் 09 – பதிலளித்து இருந்த கேள்விதாரர்கள் தொடர்பான விபரம்**

| தொடர் இல. | வழங்குனர் | வழங்குனரின் நாடு | நிலக்கரி வழங்குவதற்குரிய கடந்தகால அனுபவம் | நிலக்கரி வழங்குவத எதிர்பார்க்கப்பட்ட துறைமுகம் | LCC இல் பதிவு செய்த திகதி (5000 USD செலுத்திய திகதி) | LCC இற்கு விண்ணப்பம் அனுப்பிய திகதி | சுமர்ப்பித்த கூறுவிலை |
|---|---|---|---|---|---|---|---|
| 01 | Taranjot Resources (Pvt) Ltd | இந்தியா | GCV 5900 இற்கு மேல் - வழங்கப்படவில்லை<br>GCV 5900 இற்கு கீழ் 1,115,900 | MP- RBCT – SA<br>AP –Taman - Russia | 2023 யூன் 22 | 2023 மே 08 | FOB - 88.00<br>Freight - 17.00<br>105.00 |
| 02 | Equentia Natural Resources PTE Ltd | சிங்கப்பூர் | GCV 5900 இற்கு மேல் 322,196MT<br>GCV 5900 இற்கு கீழ் 405,750MT | MP- RBCT – SA<br>AP –<br>Any safe port | 2023 செப்டம்பர் 26 | 2023 யூலை 17 | FOB - 100.96<br>Freight - 14.00<br>114.96 |
| 03 | Trident Chemphar Lrd | இந்தியா | GCV 5900 இற்கு மேல் 291,840MT<br>GCV 5900 இற்கு கீழ் 596,305MT | MP- RBCT – SA<br>AP –Vanino-Russia | 2025 ஆகஸ்ட் 22 | 2025 யூலை 29 | FOB - 83.50<br>Freight - 15.00<br>98.50 |
| 04 | Visa Resources PTE Ltd | சிங்கப்பூர் | வழங்கப்படவில்லை | | 2023 யூலை 13 | கேள்வி சமர்ப்பிக்கப்படவில்லை. | |
| 05 | Aditya Birla Global Trading (sing) PTE Ltd | சிங்கப்பூர் | GCV 5900 இற்கு மேல் 4,515,884MT | MP- RBCT – SA<br>AP –Any safe port South Aus & India | 2025 யூலை 28 | மீண்டும் பதிவு 2025 ஏப்ரல் 28 | FOB - 91.61<br>Freight - 13.00<br>104.61 |
| 06 | Mohit Minerals Limited | இந்தியா | GCV 5900 இற்கு மேல் 117,000MT<br>GCV 5900 இற்கு கீழ் 1,093,000MT | MP- RBCT – SA<br>AP – Vostochny - Russia | 2024 சனவரி 24 | 2023 யூலை 18 | FOB - 101.00<br>Freight - 20.26<br>121.26 |

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|---|---|---|---|---|---|---|---|
| 07 | A2A Trading FZE | டுபாய் | GCV 5900 இற்கு மேல் 206,407MT<br>GCV 5900 இற்கு கீழ் 300,203MT | MP- RBCT – SA<br>AP –Maputo - Mozambic | 2025 ஆகஸ்ட் ட் 15 | 2025 ஏப்ரல் 28 | FOB - 90.50<br>Freight - 14.00<br>104.50 |
| 08 | PT Fawad Trading & Construction | இந்தோனேசியா | GCV 5900 இற்கு மேல் - வழங்கப்பட வில்லை மொத்த வழங்கல் - 1,032,700MT | MP- Maura Berau – Indonesia<br>AP –Any safe port | 2023 யூன் 22 | 2023 யூன் 06 | FOB - 96.88<br>Freight - 12.00<br>108.88 |
| 09 | PT Mitra Borneo | இந்தோனேசியா | GCV 5900 இற்கு மேல் 110,600MT<br>GCV 5900 இற்கு கீழ் 400,850MT | Not Mention | 2025 பெப்ரவரி 10 | 2024 யூலை 15 | FOB - 86.00<br>Freight - 22.00<br>108.00 |
| 10 | Potencia LLC - FZ | டுபாய் | GCV 5900 இற்கு மேல் 532,095MT | MP- Vanino Russia<br>AP – Nokbodka - Russia | 2025 ஆகஸ்ட் ட் 18 | 2025 யூலை 29 | FOB - 76.00<br>Freight - 24.00<br>100.00 |
| 11 | Agrawal Coal Corporation PTE Ltd | சிங்கப்பூர் | GCV 5900 இற்கு மேல் 211,642MT<br>GCV 5900 இற்கு கீழ் 231,302MT | MP- RBCT – SA<br>AP –Any safe Indonesia DBT & MPT | 2025 சனவரி 28 | 2024 ஆகஸ்ட்ட் 14 | FOB - 130.50<br>Freight - 22.00<br>152.50 |

(xvi) பெறுகைகள் ஆவணத்தில் 5.4.1 ஆம் பிரிவின் பிரகாரம் கேள்வி வைக்கும் இறுதித் திகதியான அடுத்து வரும் செப்தெம்பர் மாதத்திற்கு முன் மாதத்தின் அதாவது ஆகஸ்ட் மாதத்தில் Argus Media அடிப்படையில் ஒன்றிணைந்த குறிகாட்டி (Composite Index) USD 84.27 ஆக கணிப்பிடப்பட்டதுடன் அதன் பிரகாரம் மேற்கூறப்பட்ட பதிலில் காண்பிக்கப்படுகின்ற 11 கேள்விதாரர்களுக்கு இடையே நியாயமான பதிலை காண்பித்தாக இனங்காணப்பட்ட Trident Chemphar Limited இற்காக தரம் இடல் கூறு (Multifaction Factor) 0.990 ஆக கணிப்பிடப்பட்டிருந்தது. மேலும் கேள்வி ஆவணத்தில் 5.7, 5.8 மற்றும் 5.9 ஆம் பிரிவுகள் தொடர்பாக நியாயமான கேள்விதாரர் “Trident Chemphar Limited”

இன் இணக்கப்பாடு தொடர்பாக விளக்கமளித்தல் ஒன்று 2025 செப்தெம்பர் 17 ஆந் திகதி பெறப்பட்டிருந்தது. **(இணைப்பு 46)**

(xvii) அதன் பிரகாரம் நிலக்கரி மெற்றிக்தொன் 1 இற்கு பொருள் போக்குவரத்து மற்றும் கூறுகளாக்கல் உடன் விலை (CFR) USD 98.50 ஆக சமர்ப்பித்த நியாயமான பதில் காண்பித்த ஆகக் குறைந்த கேள்விதாரராக இருந்தமையால் "Trident Chemphar Limited" கம்பனி 2025 – 2026 காலத்திற்காக நிலக்கரி மில்லியன் 1.5 MMT + 10 வீதம் வழங்குவதற்கு தெரிவு செய்வதற்காக கேள்வி மதிப்பீட்டுக் குழுவின் பரிந்துரை 2025 செப்தெம்பர் 17 ஆந் திகதி வழங்கப்பட்டதுடன் **(இணைப்பு 47)** 2025 செப்தெம்பர் 18 ஆந் திகதி உயர் மட்டத்தின் நிலையியல் பெறுகைக் குழு அதற்காக அங்கீகாரம் வழங்கியிருந்தது. **(இணைப்பு 48)** அதன் பிரகாரம் பெறுகைகளின் மொத்தக் கிரயம் விலை சீராக்கம் மற்றும் வரி தவிர USD 147,750,000 + 10 சதவீதம் (இலங்கை ரூபா இல் பில்லியன் 44.59) ஆகக் காணப்பட்டது.

(xviii) Trident Chemphar Limited இனால் சமர்ப்பிக்கப்பட்ட மெற்றிக்தொன் 1 இற்கு USD 15.00 என்ற ஆரம்ப கூறிடல் வாடகைக் கட்டணம் விகதத்துடன் சமமாக / சீராக்குவதற்கு இலங்கை கப்பல் கூட்டுத்தாபனம் இணங்காது இருந்ததாக லங்கா நிலக்கரி கம்பனி 2025 ஒக்தோபர் 08 ஆந் திகதிய LCC/25/TT/1 ஆம் இலக்க கடிதத்தில் வலு சக்தி அமைச்சின் செயலாளருக்கு அறிவித்து இருந்தது. **(இணைப்பு 49)**

(xix) இந்த ஒப்பந்தம் கையளித்தல் விருப்பம் தொடர்பாக சகல தோல்வியடைந்த கேள்விதாரருக்கும் 2025 செப்தெம்பர் 19 ஆந் திகதி அறிவிக்கப்பட்டதுடன் இந்த பெறுகைகள் தொடர்பாக எந்த ஒரு முறைப்பாடும் சமர்ப்பிக்கப்படாது இருந்ததாக பெறுகைகள் முறைப்பாட்டு சபையினால் 2025 ஒக்தோபர் 01 ஆந் திகதிய இலக்கம் PS/CSA/00/PAB/01/2025 மூலம் வலு சக்தி அமைச்சின் செயலாளருக்கு அறிவிக்கப்பட்டிருந்தது. **(இணைப்பு 50)** அதன் பிரகாரம் 2025 – 2026 காலப் பகுதிக்காக மில்லியன் 1.5 MMT + 10 சதவீதம் நிலக்கரி பெறுகைகளுக்கான ஒப்பந்தம் Trident Chemphar Limited இற்கு கையளிப்பதற்காக பரிந்துரை வழங்கி வலு சக்தி அமைச்சரால் 2025 ஒக்தோபர் 13 ஆந் திகதி 25/1952/825/066-I என்ற அமைச்சரவைக் குறிப்பு சமர்ப்பிக்கப்பட்டிருந்தது. **(இணைப்பு 51)**

(xx) எதிர்வரும் காலத்திற்காக நுரைச்சோலையில் லக் விதிய மின் உற்பத்தி நிலையத்திற்கு நிலக்கரி வழங்கும் நோக்கில் 2025 ஒக்தோபர் 13 ஆந் திகதி வலு சக்தி அமைச்சரால் சமர்ப்பிக்கப்பட்ட இலக்கம் அமப இலக்கம் 25/1952/825/066-I என்ற அமைச்சரவைக் குறிப்பு அமைச்சரவையால் கவனத்தில் கொள்ளப்பட்டிருந்தது. இந்த குறிப்பு நிதித் திட்டமிடல் மற்றும் பொருளாதார அபிவிருத்தி அமைச்சர் மற்றும் பதில் சிவில் விமான

சேவைகள் அமைச்சரின் அவதானிப்புக்களுடன் கவனத்தில் கொண்ட பின்னர் அமைச்சரவை பின்வரும் தீர்மானத்தை எடுத்திருந்தது. **(இணைப்பு 52)**

(அ) 2025 யூலை 21 ஆந் திகதி அமப இலக்கம் 25/1188/825/066 என்ற அமைச்சரவைத் தீர்மானத்தில் 2025/2026 ஆம் ஆண்டிற்காக மின் நிலையத்திற்காக மெற்றிக்தொன் மில்லியன் 2.320 + 10 நீண்ட கால பெறுகைகளுக்காக பதிவு செய்த வழங்குனர்கள் மூலம் கேள்வி கோருவதற்கு அங்கீகாரம் வழங்கப்பட்ட போதும் அந்த தடவைக்காக நிலக்கரி மெற்றிக்தொன் மில்லியன் 1.5 + 10 மாத்திரம் கொள்வனவு செய்வதற்கு கேள்வி கோரப்பட்டிருந்தது எனவும்

(ஆ) நிலக்கரி வழங்குவதற்காக தற்போது அமுலில் உள்ள பெறுகைகளின் கீழ் மேலும் கப்பலில் இடல் பதினைந்து மேற்கொள்ளப்படுவதாகவும், அதன் பிரகாரம் எதிர் வரும் தடவைக்காக பெறுகை நடவடிக்கைகளில் நிலக்கரி அளவு தொடர்பாக குறித்துரைத்த ரீதியில் அமைச்சரவைக்கு அறிவிக்காமல் அதன் அளவு மெற்றிக்தொன் மில்லியன் 1.5 + 10 சதவீதம் ஆக வலு சக்தி அமைச்சின் செயலாளரின் அங்கீகாரத்தின் பின்னர் தீர்மானம் எடுக்கப்பட்டிருந்தது எனவும்

(இ) மேற்கூறப்பட்ட (ii) இல் குறிப்பிடப்பட்ட பிரகாரம் எதிர் வரும் தடவைக்காக நிலக்கரி மெற்றிக்தொன் மில்லியன் 1.5 + 10 சதவீதம் பெறுகைகள் மேற்கொண்டதன் காரணமான எதிர்காலத்தில் நுரைச்சோலையில் நிலக்கரி மின் நிலையத்தின் தொடர்ச்சியான செயற்படு நிலைமைக்கு இடையூறு ஏற்பட முடியுமா என்பது தொடர்பாகவும் மற்றும் அதன் காரணமாக அவசர பெறுகைத் திட்டத்தின் கீழ் நிலக்கரி வழங்கும் தேவை ஒன்று ஏற்பட முடியுமா என்பது தொடர்பாகவும் கவனத்தில் கொள்ள வேண்டும் எனவும்

(ஈ) தற்போது அமுலில் உள்ள பெறுகையின் கீழ் தொடர்ந்தும் மேற்கொள்ள வேண்டி இருந்த கப்பலில் இடல் 15 வழங்குனர்களினால் அங்கீகரிக்கப்பட்ட பிரயாணத் தடவைகள் திட்டமிடப்பட்ட கால வீச்சில் போக்குவரத்து செய்யப்பட்டதா எனவும் அவ்வாறு இல்லையாயின் திருத்தப்பட்ட பிரயாணத் தடவைகள் திட்டத்தின் கீழ் நிலக்கரி இருப்பு 2025 நவம்பர் இறுதிக்கு முன்னர் வழங்கி முடிவுறுத்துவதற்கு நடவடிக்கை எடுக்கப்பட்டிருந்ததா என்பது தொடர்பாகவும் குறிப்பில் குறித்துரைத்தவாறு காண்பிக்கப்படாது இருந்தது எனவும்

(உ) மேற்கூறப்பட்ட 2025 ஒக்தோபர் 13 ஆந் திகதிய குறிப்பின் பரிந்துரையின் படி 2025/2026 தடவைக்காக நிலக்கரி பெறுகைகள் கையளிக்கப்பட்ட பின்னர் 2025 திசெம்பர் முதல் 2026 மே வரையான காலப் பகுதியில் உரிய நிலக்கரி இருப்பு வழங்க வேண்டி இருந்தமையால், மேற்கூறப்பட்ட (iv) இல் குறிப்பிடப்பட்ட பிரகாரம் காணப்படுகின்ற கப்பலில் இடல் 15 இற்கு உரிய நிலக்கரி இருப்பு 2025 திசெம்பர் மாதத்தில் அல்லது அதன் பின்னர் போக்குவரத்து செய்யப்படும் ஆயின் அந்த நிலக்கரி இருப்பு நுரைச்சோலையில் நிலக்கரி மின் உற்பத்தி நிலைய இறங்குதுறைக்கு தரையிறக்கல் தொடர்பான பிரச்சனை எழக்கூடியதாக இருந்தது எனவும் மற்றும்

(ஊ) மேற்கூறப்பட்ட 2025 ஒக்தோபர் 13 ஆந் திகதிய குறிப்பின் பரிந்துரையின் படி தற்போது அமுலில் உள்ள பெறுகைத் திட்டத்தின் கீழ் மேலும் எஞ்சிக் காணப்படுகின்ற 15 கப்பலில் இடல்களைப் வழங்கியதன் பின்னர் புதிய பெறுகையின் கீழ் நிலக்கரி பெற்றுக்கொள்வதற்கு அமைச்சரவையால் தீர்மானம் எடுக்கப்படுமாயின் அந்த பெறுகைகளின் கூறுவிலைகளில் காணப்படுகின்ற வேறுபாடுகளின் காரணமாக அரசாங்கத்திற்கு எந்த ஒரு நிதி நட்டமும் ஏற்படுகின்றதா என்பது தொடர்பாக கண்டறிய வேண்டி இருந்தது எனவும்

(எ) மேற்கூறப்பட்ட கலந்துரையாடலின் பின்னர் மேற்கூறப்பட்ட அவதானிப்பு தொடர்பில் அதிக கவனம் செலுத்தி 2025 ஒக்தோபர் 13 ஆந் திகதிய குறிப்பின் 3 ஆம் பந்தியின் கீழ் மாத்திரம் காண்பிக்கப்படுகின்ற பரிந்துரை தொடர்பாக மேலதிக விடயங்களை ஆய்வு செய்து அது தொடர்பான அவதானிப்புக்களுடன் அறிக்கை ஒன்று 2025 ஒக்தோபர் 27 ஆந் திகதியில் குறித்துரைத்த அமைச்சரவையின் அடுத்த கூட்டத்திற்கு சமர்ப்பிக்கும் வகையில் அமைச்சரவை உப குழுவை நியமிப்பதற்கும் தீர்மானிக்கப்பட்டிருந்தது.

(xxi) எனினும் 2025 – 2026 காலப் பகுதிக்காக மில்லியன் 1.5 MMT + 10 சதவீதம் நிலக்கரி பெறுகைகளுக்கான ஒப்பந்தம் Trident Chemiphar Limited இற்கு கையளிப்பதற்காக 2025 ஒக்தோபர் 27 ஆந் திகதி அமைச்சரவை அங்கீகாரம் கிடைத்திருந்தது. **(இணைப்பு 53)** 2025 – 2026 தடவைக்காக நிலக்கரி இறக்குமதி செய்வதற்கான வசதிகளை வழங்கும் நோக்கில் LCC இற்கு திறைசேரியால் வழங்கப்பட்டிருந்த ரூபா 22 பில்லியன் நாணயக் கடித வசதிகள் 2025 ஒக்டோபர் 31 ஆம் திகதி திறைசேரி பிணை முறி இலக்கம் TO/REV/TG/335/12 இன் மூலம் 2026 ஒக்டோபர் 22 ஆம் திகதி வரை நீடிக்கப்பட்டிருந்தது.

(xxii) உரிய அமைச்சரவை அங்கீகாரத்தை அடிப்படையாகக் கொண்டு 2025 ஒக்தோபர் 29 ஆம் திகதி லங்கா நிலக்கரி கம்பனியின் பதில் தலைவரின் கடிதத்தின் மூலம் வழங்குனருக்கு ஒப்பந்தம் கையளிக்கப்பட்டதுடன் **(இணைப்பு 54)** (Notification of Award – Latter of Acceptance) வழங்கப்பட்டதுடன் வழங்குனரால் 2025 நவம்பர் 12 ஆம் திகதி பெறப்பட்டிருந்த செயலாற்றல் காப்புறுதி பிணைமுறி (Performance Bond) அத்திகதியே கம்பனிக்கு சமர்ப்பிக்கப்பட்டிருந்தது.

(xxiii) LCC/25/TT/I என்ற இந்த நீண்ட காலப் பெறுகை கையளித்த வழங்குனருடன் உடன்படிக்கை செய்வதற்கு முன் வரைவு செய்யப்பட்ட நிலக்கரி உடன்படிக்கை மற்றும் உரிய கேள்வி ஆவணங்கள் சட்டமாதிபரின் சட்ட ரீதியான மீளாய்வு மற்றும் இணக்கப்பாட்டைப் பெற்றுக் கொள்வதற்காக 2025 நவம்பர் 13 ஆந் திகதி இலக்கம் LCC/25/TT/I என்ற கடிதம் மூலம் அனுப்பப்பட்டிருந்தது. **(இணைப்பு 55)**

(xxiv) 2025 நவம்பர் 17 ஆம் திகதி நடைபெற்ற அமைச்சரவைக் கூட்டத் தீர்மானத்தை அறிவித்ததன் படி (2025 நவம்பர் 25) 2025 ஒக்டோபர் 21 ஆந் திகதி அமைச்சரவையால் நியமிக்கப்பட்ட அமைச்சரவை உபகுழுவின் அறிக்கை 2025 நவம்பர் 01 ஆந் திகதி விநியோகிக்கப்பட்டதுடன் அந்த அறிக்கையின் மூலம் மேலும் 2025 ஒக்டோபர் 27 ஆந்

திகதிய அமைச்சரவை தீர்மானம் தெடர்பாக கவனம் செலுத்தி திருத்தப்பட்ட அறிக்கை ஒன்று இரண்டு வாரங்களுக்குள் சமர்ப்பிக்குமாறு கட்டளை இடப்பட்டிருந்தது. **(இணைப்பு 56)**

(xxv) அதன் பிரகாரம் 2025 – 2026 தடவைக்குரிய நிலக்கரி மில்லியன் 1.5 MMT + 10 சதவீதம் வழங்குவதற்கான உடன்படிக்கைக்காக 2025 நவம்பர் 19 ஆம் திகதி வலு அமைச்சின் செயலாளர் மற்றும் Trident Chemphar Limited கம்பனியின் பணிப்பாளரால் கையொப்பம் இடப்பட்டதுடன் இதற்காக சட்டமாதிபரின் அங்கீகாரம் 2025 நவம்பர் 20 ஆந் திகதி கிடைத்திருந்தது. **(இணைப்பு 57)** அதற்கிடையே மேற்குறிப்பிடப்பட்ட ஒஎை பந்தியில் காண்பிக்கப்படுகின்ற திருத்த குழு அறிக்கை 2026 சனவரி 26 ஆந் திகதி வழங்கப்பட்டிருந்தது.

(xxvi) எனினும் இந்த பெறுகைகளுக்கு உரிய நிலக்கரி வழங்கலின் தரத் தன்மை தொடர்பான பிரச்சனைகள் எழுந்தமை தொடர்பாக விசாரணை செய்வதற்காக விசேட மூன்று நபர்களைக் கொண்ட குழு ஒன்று 2026 சனவரி 12 ஆந் திகதி வலு சக்தி அமைச்சரால் நியமிக்கப்பட்டதுடன் **(இணைப்பு 58)** உரிய அறிக்கை 2026 பெப்ரவரி 11 ஆந் திகதி வலு சக்தி அமைச்சின் செயலாளருக்கு வழங்கப்பட்டிருந்தது. **(இணைப்பு 59)**

(xxvii) 2025/2026 காலப் பகுதிக்காக நிலக்கரி கொள்வனவு செய்தல் மேற்குறிப்பிடப்பட்ட பெறுகை செயற்பாடுகளின் காலஅட்டவணை பின்வருமாறு.

**அட்டவணை இலக்கம் 10 – பெறுகை செயற்பாடுகளின் அந்த பணிகள் மேற்கொள்ளப்பட்ட திகதிகள்**

| தொடர் இலக்கம் | பெறுகை படிமுறை | மேற்கொள்ளப்பட்ட திகதி |
|---|---|---|
| 01 | குழு நியமிப்பதற்காக அமைச்சின் செயலாளருக்கு விண்ணப்பித்தல். | 2025 ஏப்ரல் 08 |
| 02 | இலங்கை மின்சார சபையால் 2024/2025 காலப் பகுதிக்கு உரிய நிலக்கரி தேவையை அறிவித்தல் | 2025 யூன் 09 2.32 MMT |
| 03 | குழு நியமித்தல் (BEC/SHLPC) | 2025 யூன் 02 |
| 04 | கேள்வி கோரலை ஆரம்பித்தல்/ கேள்வி அழைப்பு விநியோகித்தல் | 2025 ஆகஸ்ட் 18 |
| 05 | கேள்வி கோருவதை முடிவுறுத்தல் | 2025 செப்தெம்பர் 08 |
| 06 | கேள்வி கோருதல் முடிவுறுகின்ற திகதியை நீடித்தல் | 2025 செப்தெம்பர் 15 |
| 07 | கேள்வி திறத்தல் மற்றும் மதிப்பிடல் | 2025 செப்தெம்பர் 15 (ஒரு வாரம் நீடிக்கப்பட்ட பின்னர்) |
| 08 | ஒப்பந்தம் கையளித்தல் | 2025 ஒக்தோபர் 29 |

| | | |
|---|---|---|
| 09 | சட்டமாதிபரின் விடுவிப்பை பெறல் | 2025 நவம்பர் 20 |
| 10 | உடன்படிக்கை செய்தல் | 2025 திசெம்பர் 19 |

### 5.4.3.2.3 2025/2026 ஆம் ஆண்டுகளின் போது இலங்கைக்கு நிலக்கரி கப்பல் வருகை தருவதற்குரிய கால அட்டவணை (Laycan)

2024/2025, 2025/2026 காலப் பகுதிக்கு உரிய நிலக்கரி கொள்வனவு செய்வதற்கு திட்டமிடப்பட்ட முறை மற்றும் 2026 மார்ச் 11 ஆந் திகதி வரை உள்ளபடியாக இலங்கைக்கு நிலக்கரி கப்பல் வருகை தந்த திகதிகள் பின்வரும் அட்டவணையில் காண்பிக்கப்படுகின்றது.

**அட்டவணை இலக்கம் 11 - இலங்கைக்கு நிலக்கரி கொள்வனவு செய்வதற்கு திட்டமிடப்பட்ட திகதிகள் (2025/2026 காலப் பகுதிக்குரிய)**

| கப்பல் இருப்பு இலக்கம் | கப்பல் | எதிர்பார்க்கப்பட்ட வருகைதரும் திகதி (ETA) | வந்தடைந்த திகதி | புத்தளத்தில் நங்கூரமிடப்பட்ட திகதி | வேறுபாடு | தரையிறக்கல் பூர்த்தி செய்யப்பட்ட திகதி |
|---|---|---|---|---|---|---|
| 445 | Porto Fiscardo | 2025.09.15 | -- | 2025.09.21 | 6 | 2025.09.29 |
| 446 | Bulk Orianna | 2025.09.20 | -- | 2025.09.26 | 6 | 2025.10.04 |
| 447 | Ivy Gold | 2025.09.26 | -- | 2025.10.08 | 12 | 2025.10.17 |
| 448 | Fuhang | 2025.10.02 | -- | 2025.10.15 | 13 | 2025.10.22 |
| 449 | Hua Rong 26 | 2025.10.08 | -- | 2025.10.25 | 17 | 2025.10.30 |
| 450 | Queen Win | 2025.10.14 | -- | 2025.10.28 | 14 | 2025.11.07 |
| 451 | Tiger Hebei | 2025.10.20 | -- | 2025.11.01 | 12 | 2025.11.13 |
| 452 | Rimau Perkasa | 2025.10.26 | 2025.11.03 | 2025.11.07 | 12 | 2025.11.18 |
| 453 | Dato Lucky | 2025.11.01 | 2025.11.13 | 2025.11.15 | 14 | 2025.11.23 |
| 454 | G Putuo | 2025.11.07 | 2025.11.13 | 2025.11.13 | 6 | 2025.12.03 |
| 455 | Tiger Pioneer | 2025.11.13 | 2025.11.22 | 2025.11.24 | 11 | 2025.12.08 |
| | | 2025.11.19 | 04 Shipments Suspended | | | |
| | | 2025.11.25 | | | | |
| | | 2025.12.01 | | | | |
| | | 2025.12.07 | | | | |
| 456 | Ceylon Breeze | 2025.12.23 | 2025.12.30 | 2025.12.30 | 7 | 2026.01.04 |
| 457 | NS Guangzhou | 2025.12.28 | 2026.01.05 | 2026.01.05 | 8 | 2026.01.09 |
| 458 | Xin Hong Bao Shi | 2026.01.02 | 2026.01.16 | 2026.01.19 | 17 | 2026.01.29 |
| 459 | Ceylon Princess | 2026.01.07 | 2026.01.20 | 2026.01.20 | 13 | 2026.01.31 |
| 460 | Unicorn | 2026.01.12 | 2026.01.25 | 2026.01.30 | 18 | 2026.02.03 |
| 461 | Leyla Aksoy | 2026.01.17 | 2026.01.29 | 2026.02.02 | 16 | 2026.02.08 |
| 462 | Canon | 2026.01.22 | 2026.02.05 | 2026.02.08 | 17 | 2026.02.14 |
| 463 | NS Guangzhou | 2026.01.27 | 2026.02.09 | 2026.02.13 | 17 | 2026.02.17 |
| 464 | Ceylon Breeze | 2026.02.01 | 2026.02.13 | 2026.02.17 | 16 | 2026.02.24 |
| 465 | Mercury Sky | 2026.02.06 | 2026.02.16 | 2026.02.23 | 17 | 2026.03.01 |
| 466 | Yasa Mars | 2026.02.11 | 2026.03.01 | 2026.03.03 | 20 | 2026.03.08 |
| 467 | Ultra Confidences | 2026.02.16 | 2026.03.09 | 2026.03.11 | 23 | 2026.03.15 |

**5.4.3.2.4 2026 காலத்திற்காக நுரைச்சோலை லக்விஜய மின் நிலையத்திற்காக மேற்கொள்ளப்படுகின்ற அவசர நிலக்கரி பெறுகை**

**5.4.3.2.4.1** இது தொடர்பாக 2026 சனவரி 23 ஆம் திகதி வலுசக்தி அமைச்சரால் சமர்ப்பிக்கப்பட்ட 2025-2026 காலப் பகுதிக்காக நுரைச்சோலை லக்விஜய மின்நிலையத்தில் மேற்கொள்ளப்படுகின்ற அவசர நிலக்கரி பெறுகைகள் என்ற பெயரில் சமர்ப்பிக்கப்பட்ட இலக்கம் அமப/26/0172/825/011 என்ற அமைச்சரவை குறிப்பில் **(இணைப்பு 60)** நிலக்கரி வழங்கும் ஒப்பந்த உடன்படிக்கையின் கீழ் வருகின்ற கடப்பாடுகளை பூர்த்தி செய்வதற்கு தற்போதைய வழங்குநர் தவறுவாராயின் மின் நிலையத்தின் தொடர்ச்சியாக செயற்பாட்டு நடவடிக்கைகளுக்கு பாதகமாக இருக்கும் வகையில் நிலக்கரி பற்றாக்குறை எழுவதற்கு சந்தர்ப்பம் ஏற்படுமாகையால் மூன்று கப்பலில் இடல் தற்போது தரையிறக்கப்பட்டுள்ளதுடன் மேலும் ஐந்து கப்பலில் இடல் அனுமதிக்கப்பட்டிருந்ததாகவும் காண்பிக்கப்பட்டிருந்தது.

அதன் பிரகாரம் 08 கப்பலில் இடல் (அண்ணளவாக மெற்றிக்தொன் 474,715) அனுப்புவதற்கு தீர்மானிக்கப்பட்டதாகவும் வழங்குநருக்கு உரித்தான உடன்படிக்கை கடப்பாடுகளைப் பூர்த்தி செய்தல் தொடர்பாக புறக்கணிப்பாறாயின் அல்லது தவறுவாறாயின் ஏற்படுகின்ற சந்தர்ப்பங்களின் போது ஒப்பந்தத்தை இரத்துச் செய்தல் அல்லது முடிவுறுத்துவதற்காக நிலக்கரி வழங்கும் உடன்படிக்கையில் ஏற்பாடுகள் வழங்கப்பட்டதாகவும் அறிவிக்கப்பட்டிருந்தது. அதன் பிரகாரம் வழங்குநரின் வினைத்திறனற்ற செயலாற்றலின் காரணமாக ஏற்படக்கூடிய எந்தவொரு நிலைமையையும் மாற்றியமைப்பதற்கு ஏற்படுமாயின், லங்கா நிலக்கரி கம்பனி பொது முகாமையாளரால் கோரப்பட்ட பிரகாரம் மேற்கூறப்பட்ட நிலுவையில் சிறிய அளவையேனும் மாற்றியமைப்பதற்கு நிலக்கரி 05 கப்பலில் இடல் (மெற்றிக்தொன் 300,000± 10 சதவீதம்) அவசர பெறுகை மூலம் பெறுகைகளை மேற்கொள்வது பொருத்தமானது என்ற விடயங்கள் காண்பிக்கப்பட்டிருந்தது.

அதன் பிரகாரம் அந்தக் குறிப்பில் பின்வரும் விடயங்களுக்காக அங்கீகாரம் எதிர்பார்க்கப்பட்டிருந்தது.

(அ) பெறுகைகள் வழிகாட்டிக் கோவை – 2024 இன் 3.1.8 பிரிவில் அங்கீகரிக்கப்படுகின்ற அவசர பெறுகைகள் ஊடாக நிலக்கரி மெற்றிக்தொன் 300,000± 10 சதவீதமும் ஆன 05 கப்பலில் இடல் பெறுகைகளுக்காக கேள்வி கோரும் கால எல்லை ஒரு வாரத்திற்கு (01) வழங்கி லங்கா நிலக்கரி கம்பனியின் கீழ் பதிவு செய்த நிலக்க வழங்குநர்களிடமிருந்து கேள்வி கோருவதற்கு.

(ஆ) 2025/2026 காலப் பகுதிக்காக லக்விஜய மின்நிலையத்திற்கு நிலக்கரி வழங்குதல் நீண்ட காலப் பெறுகைகளுக்காக நியமிக்கப்பட்டுள்ள கேள்வி மதிப்பீட்டுக் குழு மற்றும் உயர்மட்டத்தில் நிலையியல் பெறுகைகள் குழுவிற்கு இந்த அவசர பெறுகையின் நடவடிக்கைகளை முன்கொண்டு செல்வதற்காக அதிகாரத்தை கையளிப்பதற்கு.

இந்தக் குறிப்புக்களுக்காக தேசிய பெறுகைகள் ஆணைக்குழுவின் இணக்கப்பாட்டின் கீழ் 2026 சனவரி 26 ஆம் திகதி அமைச்சரவை அங்கீகரித்திருந்தது. **(இணைப்பு 61)**

5.4.3.2.4.2 2026 மார்ச் 16 ஆந் திகதி வலுசக்தி அமைச்சரால் சமர்ப்பிக்கப்பட்ட இலக்கம் 26/0521/825/011-I என்ற 2025-2026 காலப் பகுதிக்காக நுரைச்சோலை லக்விஜய மின்சார

நிலையத்திற்காக நிலக்கரி அவசரக் கொள்வனவு (தற்போது காணப்படுகின்ற கொள்வனவு திட்டம் தோல்வியடையுமாயின்) அமைச்சரவைக் குறிப்பு **(இணைப்பு 62)** இன் பிரகாரம் மேலே குறிப்பிடப்பட்ட உடனடி பெறுகைகளுக்காக 06 வழங்குநர்கள் பதிலளித்திருந்ததுடன் அதற்கிடையே 2026 ஏப்ரல், 2026 மே காலப் பகுதிக்காக மெற்றிக்தொன் 300,000± 10 வீதம் Taranjot Resources (Pvt) Ltd இடமிருந்து மெற்றிக் தொன் 1 ஐ.அ.டொலர் 142 (CFR) இற்கு கொள்வனவு செய்வதற்கு பரிந்துரை செய்யப்பட்டிருந்தது. (இதில் FOB விலை ஐ.அ.டொலர் 118 ஆகும்) அதன் பிரகாரம் மேற் குறிப்பிடப்பட்ட மெற்றிக்தொன் அளவு இந்த வழங்குநரிடமிருந்து கொள்வனவு செய்வதற்கான அங்கீகாரம் இந்தக் குறிப்பு சமர்ப்பிக்கப்பட்ட திகதி அதாவது 2026 மார்ச் 16 ஆந் திகதி வழங்கப்பட்டிருந்தது. **(இணைப்பு 63)** அதன் பிரகாரம் இந்தப் பெறுகைகள் 2026 மார்ச் 18 ஆந் திகதி Taranjot Resources (Pvt) Ltd இற்கு கையளிக்கப்பட்டிருந்தது. **(இணைப்பு 64)**

## 5.5 நுரைச்சோலை மின் நிலையத்திற்காக 2025/2026 காலப் பகுதியில் இலங்கை நிலக்கரி கம்பனி கொள்வனவு செய்த நிலக்கரி இருப்பின் தரப் பகுப்பாய்வு செய்தல்

### 5.5.1 இலங்கைக்கு இறக்குமதி செய்யப்படுகின்ற நிலக்கரி இருப்பின் மாதிரிப் பரிசோதனை தொடர்பான அறிமுகம்

#### 5.5.1.1 மாதிரிகளைப் பெற்றுக் கொள்ளல் மற்றும் பரீட்சித்தல் முறைமை

பரிசோதனைப் பொருட்கள் நியமத்திற்காக அமெரிக்க சங்கத்தின் (American Society for Testing and Materials Standers - ASTM) நியமங்களுக்கு இணங்க இலங்கைக்கு இறக்குமதி செய்யப்படுகின்ற சகல நிலக்கரி கப்பல்களை ஏற்றும் தடவையின் போதும் மற்றும் மின் நிலையத்தின் இறங்கு துறையின் மாதிரி பரிசோதனைக்கு உட்படுத்தப்படுகின்றது.

##### 5.5.1.1.1 ஏற்றும் துறைமுகத்தில் (Load Port) மேற்கொள்ளப்படுகின்ற மாதிரிப் பரிசோதனை

(i) பெறுகை உடன்படிக்கையில் 3.5.1 பிரிவின் பிரகாரம் **(இணைப்பு 65)** கப்பலில் ஏற்றும் துறைமுகத்தின் போது மாதிரிப் பரிசோதனையில் கொள்வனவாளருக்கு ஏற்றுக் கொள்ளக் கூடிய விற்பனையாளரால் நியமிக்கப்பட்ட ஏற்றுக் கொள்ளப்பட்ட மற்றும் சர்வதேச ஏற்றுக்கொள்ளப்பட்ட சுயாதீனப் பரிசோதனையாளரால் ASTM நியமங்களுக்கு இணங்க மாதிரிப் பரிசோதனை மேற்கொள்ள வேண்டி இருந்ததுடன் நிலக்கரி வழங்குகின்ற நாட்டின் இலங்கையின் தூதரங்கள் அல்லது நிலக்கரி வழங்குகின்ற நாட்டின் வணிக சபையினால் அந்த பரிசோதனை நியமங்கள் மேற்கொள்ள வேண்டி இருந்தமையும் (Accreditation) காண்பிக்கப்பட்டுள்ளது.

(ii) அதன் பிரகாரம் சரக்கு ஏற்றும் துறைமுகத்தில் எடுக்கப்பட்ட நிலக்கரி மாதிரியானது இரண்டு பகுதிகளாக பிரிக்கப்பட்ட பின்னர் ஒரு பகுதி சுயாதீன ஆணையாளரால் மாதிரிப் பகுப்பாய்விற்காக பயன்படுத்த வேண்டி இருந்ததுடன் இரண்டாவது தெரிவு மாதிரியானது முறையாக அடையாளம் இடப்பட்டு பொருத்தமான காற்றுப் புகாத கொள்கலனில் அடைக்கப்பட்டு ஒவ்வொரு கப்பலும் சரக்கு அனுப்பப்பட்ட நாளில்

இருந்து தொண்ணூறு நாட்களுக்கு குறையாத காலத்தில் சுயாதீன ஆய்வாளரால் ஏற்றும் துறைமுகத்தில் பரிசோதகரால் வைத்திருக்கப்படல் வேண்டும்.

(iii) கொள்வனவாளருக்கு, விற்பனையாளருக்கு ஏற்றுக் கொள்ளக் கூடிய மேலும் சுயாதீன பரிசோதகர் ஒருவர் நியமிக்க முடியுமாக இருந்ததுடன் ஏற்றும் துறைமுகத்தில் தெரிவு மேற்பார்வை செய்வதற்கு அவருக்கு அனுமதி வழங்கப்பட்டிருந்தது. உடன்படிக்கையின் பிரகாரம் இறுதியாக ஒவ்வொரு கப்பலில் ஏற்றும் ஐந்து தடவைகளுக்கு அண்ணளவாக ஒரு தடவையின் அடிப்படையில் கொள்வனவாளருக்கு அதிகாரம் அளிக்கப்பட்ட இரண்டு முகவர்கள் எழுமாறான அடிப்படையில் ஏற்றும் துறைமுகத்தில் தெரிவு மற்றும் பகுப்பாய்வு செயற்பாடுகளை மீளாய்வு செய்வதற்கு அனுமதியளிக்கப்படுவதுடன் விற்பனையாளர் மேற்கூறப்பட்ட செயற்பாடுகளுக்கான வசதிகளை வழங்குதல் வேண்டும். மேலும் எழுமாறான அடிப்படையில் தேவையான போது இரண்டாவது மாதிரியைப் பரீட்சித்தல், கொள்வனவாளரால் ஏற்றும் துறைமுகத்தில் நியமிக்கப்பட்ட ஏற்றுக் கொள்ளப்பட்ட சுயாதீன பரீட்சகரால் மேற்கொள்ளப்பட வேண்டி இருந்ததுடன் விற்பனையாளர் இந்த செயற்பாடுகளுக்கு வசதியினை வழங்குதல் வேண்டும்.

(iv) கப்பலில் ஏற்றிய திகதியின் பின்னர் வேலை செய்கின்ற ஐந்து நாட்களுக்குள் இலத்திரனியல் அமுக்கம் ஊடாக விற்பனையாளரால் சுயாதீன பரிசோதனை ஒன்று பெற்றுக் கொண்டு பகுப்பாய்வு சான்றிதழ் கொள்வனவாளருக்கு வழங்க வேண்டி இருந்ததுடன் ஏற்றும் துறைமுகத்தில் சான்றிதழ் தரையிறக்கும் துறைமுகத்திற்கு கிடைப்பதற்கு முன் கப்பல் வருகை தருகின்ற சந்தர்ப்பத்தில் தரையிறக்குவதற்கு அனுமதி வழங்காது இருக்க வேண்டியதுடன் அவ்வாறான சந்தர்ப்பத்தில் தாமதத்தின் காரணமாக ஏற்படுகின்ற சகல செலவினங்களுக்காகவும் விற்பனையாளர் பொறுப்புடையவராக இருத்தல் வேண்டும் என காண்பிக்கப்பட்டுள்ளது. **(இணைப்பு 64)**

#### 5.5.1.1.2 தரை இறக்கப்படுகின்ற துறைமுகத்தில் (Discharge Port) மேற்கொள்ளப்படுகின்ற மாதிரிப் பரிசோதனை

(i) மேற்குறிப்பிடப்பட்ட ஏற்றும் துறைமுகத்தில் மேற்கொள்ளப்படுகின்ற பரிசோதனைகள் ஒஒண ணமற்றும் சமமான உரிய நிலக்கரி இருப்புக்கள் தரை இறக்கின்ற சந்தர்ப்பங்களின் போதும் மின் நிலையத்தின் இறங்கு துறையில் பரிசோதனைக்கு உட்படுத்தப்படுகின்றது. இந்த மாதிரிகளின் பகுப்பாய்வு மேற்குறிப்பிடப்பட்ட பரிசோதனையின் ASTM நியமங்களுக்கு இணங்க விற்பனையாளருக்கு ஏற்றுக் கொள்ளக் கூடிய, கொள்வனவாளரால் நியமிக்கப்பட்ட தராதர (Accredited) மற்றும் சர்வதேச ரீதியில் ஏற்றுக்கொள்ளப்பட்ட சுயாதீன ஆய்வாளரால் மேற்கொள்ளப்படுகின்றது. இதன் போது விற்பனையாளருக்கு, கொள்வனவாளருக்கு ஏற்றுக் கொள்ளக் கூடிய மேலும் சுயாதீன பரிசோதனையாளர் நியமிக்க முடியுமாக

இருந்ததுடன் அவருக்கு மின் நிலையத்தில் இறங்கு துறையில் தெரிவு மேற்பார்வை செய்வதற்கு அனுமதி வழங்கப்படுகின்றது. விற்பனையாளரின் அனுமதியளிக்கப்பட்ட முகவர்கள் இருவருக்கு எழுமாறாக மின் நிலையத்தின் இறங்கு துறையில் தெரிவு மற்றும் பகுப்பாய்வு செயற்பாடுகளை மேற்பார்வை செய்வதற்கு அங்கீகாரம் வழங்கப்படுவதுடன் மேற்கூறப்பட்ட செயற்பாடுகளுக்கு கொள்வளவாளர் வசதிகளை வழங்குதல் வேண்டும்.

(ii) மின் நிலையத்தின் இறங்கு துறையில் பெறப்பட்ட நிலக்கரி மாதிரியும் ஏற்றும் துறைமுகத்தில் இரண்டு பகுதிகளாக பிரிக்கப்பட்டதுடன் அதில் ஒரு பகுதி ஒன்றுக்கு உட்படுத்தப்பட்ட சுயாதீனப் பரிசோதனையாளரால் பகுப்பாய்விற்காக பயன்படுத்தல் வேண்டும். மிகுதி பகுதி அனுப்பி மாதிரி ஒன்றாக உட்படுத்தப்பட்ட (Reference Sample) சுயாதீனப் பரிசோதனையாளரால் நிறுத்தி வைக்கப்படுகின்றது. கொள்வனவாளர் மற்றும் விற்பனையாளர் என்ற இருவரும் ஒன்றிணைந்து (Joint Lock) மற்றும் ஒன்றிணைந்த நம்பிக்கைப் பொறுப்பின் கீழ் (Joint Custody) இரண்டாவது தெரிவு பொருத்தமான வகையில் பயன்படுத்தி காற்றுப் புகாத வகையில் முத்திரை இடல், ஒவ்வொரு கப்பலும் நிலக்கரி தரையிறக்கும் இறுதித் திகதியில் இருந்து நாள் ஒன்றுக்கு குறையாத காலத்தில் தரையிறக்கும் துறைமுகத்தின் சுயாதீன பரிசோதனையாளரால் வைக்கப்படுகின்றது.

(iii) கொள்வனவாளரால் சுயாதீன பரிசோதனையாளர் மூலம் தரை இறக்கும் துறைமுகத்தின் வரைவு ஆய்வு, தெரிவு மற்றும் பகுப்பாய்வு சான்றிதழ், சுயாதீனப் பரிசோதனையில் அவ்வாறான சான்றிதழ் பெறப்பட்ட பின்னர் வேலை நாட்கள் நான்கு இற்குள் இலத்திரனியல் பரிமாற்றம் ஊடாக விற்பனையாளருக்கு வழங்குதல் வேண்டும். அதில் ஒவ்வொரு கப்பலினதும் நிலக்கரி தரை இறக்கும் இறுதித் திகதியில் இருந்து 10 நாட்களுக்குள் சுயாதீனப் பரிசோதனையாளர் தரை இறக்கும் துறைமுகத்தில் சான்றிதழை விநியோகிப்பதற்கு கடப்பாடு உடையவராக உள்ளார். **(இணைப்பு 65)**

#### 5.5.1.1.3 லக்விஜய மின் நிலையத்தில் இரசாயன ஆய்வு கூடத்தில் மேற்கொள்ளப்படுகின்ற மாதிரப் பரிசோதனை

மேற் கூறப்பட்ட மாதிரிப் பரிசோதனைக்கு மேலதிகமாக உடன்படிக்கையில் குறிப்பிடப்படாது இருந்த போதிலும் பயன்பாட்டிற்காக தரை இறக்கின்ற துறைமுகத்தில் சுயாதீனப் பரிசோதனையாளரால் பெறப்பட்ட மாதிரிகள் லக்விஜய மின் நிலையத்தின் ஆய்வு கூடத்திலும் பரிசோதனை மேற்கொள்ளப்படுகின்றது.

இந்த ஆய்வு கூடத்தின் மூலம் பிரதான 31 தொகுதிகள் பரிசோதனை அளவு (ICP MS மற்றும் அண்ணளவான பகுப்பாய்வின் கீழ் உள்ளடக்கப்பட்ட உப தொகுதிகளுடன்)

மேற்கொள்ளப்படுவதுடன் இந்த பரிசோதனை மூலம் கீழே குறிப்பிடப்படுகின்ற துறைகள் மேவுகை செய்யப்படுவதாகவும் வெளிப்படுத்தப்பட்டுள்ளது. **(இணைப்பு 66)**

- நீராவி / கொதிகலன் நீர் இரசாயனம் (சோடியம் பொஸ்பேட் சிலிக்கா மொத்த கடினத் தன்மை இரும்பு தாமிரம்)
- குளிர்விக்கும் நீர் மற்றும் சுற்றாடல் அவதானிப்பு (வெப்பநிலை, கரைந்த ஒக்சிசன், மொத்த கரைந்த திடப் பொருட்கள், கிணற்று நீர் மற்றும் நிலக்கரியில் உள்ள கன உலோகங்கள்)
- நிலக்கரியின் தரம் மற்றும் எரிவு (வெப்ப மதிப்பு, அண்ணளவான பகுப்பாய்வு, சல்பர் அல்லது கந்தகம், நிலக்கரியின் நுண்மை LOI மற்றும் சாம்பலில் உள்ள கழிவுகள்)
- மசகு எண்ணெய் இன் தரம் (பாகத் தன்மை, ஈரப்பதம், அமிலப் பெறுமதி, நீரில் கரையும் தன்மை, தீப்பற்றும் தன்மை, வெப்பநிலை, NAS சுத்திகரித்தல்)
- இரசாயண சக்தியை வலுவை உறுதிப்படுத்துதல் (PAC, NaOH, HCI முதலியன)
- குறைந்த உப்புத் தன்மை / வடிகட்டுதல் (UF) முறைமையின் செயலாற்றல்

மேற்கூறப்பட்ட பிரதான 31 தொகுதிகளின் பரிசோதனை அளவு கோலுக்கு இடையே நிலக்கரி தரையிறக்கல் மற்றும் தொடர்புடைய பரிசோதனைகள் 03 மேற்கொள்ளப்படுவதுடன் அந்த பரிசோதனைகளின் ஆரம்ப அடிப்படை நோக்கம், இறக்குமதி மட்டத்தில் தீர்மானிக்கும் செயற்பாடுகளுக்காக ஈடுபடுத்தப்பட வேண்டும் என வெளிப்படுத்தப்பட்டுள்ளது. விபரம் பின்வரும் அட்டவணையில் காண்பிக்கப்படுகின்றது.

**அட்டவணை இலக்கம் 12 லக்விஜய மின் நிலையத்தின் ஆய்வு கூடத்தின் மூலம் மேற்கொள்ளப்படுகின்ற பரிசோதனை**

| பரிசோதனை | தடவைகளின் எண்ணிக்கை | குறிப்பு |
|---|---|---|
| கலோரி பெறுமதி (Calorific Value) | கப்பல் ஒன்றுக்கு ஒரு தடவை | நிலக்கரியின் கலோரி பெறுமதி எரிதலின் நிலைத்தன்மையையும் கொதிகலன் செயல்பாட்டின் சிக்கனத்தையும் பாதிக்கிறது. அதிக கலோரி பெறுமதியுடைய நிலக்கரி, மின் உற்பத்தி நிலையத்தின் சிக்கனத்தை அதிகரிக்கின்றது. |
| நிலக்கரியின் அண்மைய பகுப்பாய்வு - Proximate analysis (ஈரப்பதம், ஆவியாகும் பொருட்கள், நிலையான காபன் உள்ளடக்கம் மற்றும் சாம்பல் உள்ளடக்கம்) | கப்பல் ஒன்றுக்கு ஒரு தடவை | இந்தச் பரிசோதனையானது நிலக்கரியின் எரிப்புத் திறன், கையாளும் பண்புகள் மற்றும் ஒட்டுமொத்தத் தகுதியை மதிப்பிடுவதற்குப் பயன்படுத்தப்படுகிறது. |

| | | |
|---|---|---|
| சல்பர் பகுப்பாய்வு | கப்பல் ஒன்றுக்கு ஒரு தடவை | அது மின்நலையத்தின் செயலாற்றல் மற்றும் சுற்றாடல் பாதுகாப்பு என்ற இரண்டையும் நேரடியாகப் பாதிக்கின்றது. |

**5.5.1.1.4 லக்விஜய மின் நிலையத்தில் பேணிச் செல்லப்படுகின்ற பிரதான கட்டுப்பாட்டு அலகு**

கட்டுப்பாட்டு அலகில் மின் நிலையத்தின் 03 அலகுகளின் செயற்பாட்டு மேற்பார்வை மேற்கொள்ளப்படுவதுடன் செயற்பாட்டு உத்தியோகத்தர்களால் 03 அலகுகளுக்கு உரிய அந்த அந்த பிரிவுகளின் செயற்பாடுகள் தொடர்பாக விசேட சந்தர்ப்பங்கள் தொடர்பாக தனித்தனியாக குறிப்புக்கள் இட்டு சம்பவத்திரட்டு புத்தகம் பேணிச் செல்லப்படுகின்றது.

**5.5.2 லக்விஜய மின் நிலையத்தின் இயலளவு**

**5.5.2.1** மின் நிலையத்தில் 03 அலகுகள் ஸ்தாபிக்கப்பட்டதுடன் அந்த அலகுகளில் ஒரு தடவையில் உற்பத்தி செய்யக் கூடிய மின் இயலளவு மெகாவோல்ட் 300 ஆக இருந்ததுடன் இந்த மின் நிலையத்தில் உற்பத்தி செய்யப்படுகின்ற மின்சார அலகுகளுக்காக சராசரியாக ரூபா 29.96 அளவு செலவாகின்றது. மெகாவோட் 300 இயலளவில் மின் கிலோ வோல்ட் மணித்தியாலம் ஒன்றிற்கு உற்பத்தி செய்வதற்காக தேவையான நிலக்கரி கிலோ கிராம் 375 சராசரி பெறுமதியின் அடிப்படையில் (நிலக்கரி கப்பல் சரக்கு இருப்பு இலக்கம் 407 முதல் 455 வரையான இருப்பைக் கவனத்தில் கொள்ளும் போது) **(இணைப்பு 67)** மெகா வோல்ட் 300 இயலளவை உடைய மின் நிலையத்தின் ஒரு அலகில் இருந்து மின் உற்பத்தி செய்வதற்கு மணித்தியாலத்திற்கு நிலக்கரி மெற்றிக்தொன் 112.5 சராசரியான பெறுமதி பயன்படுத்தப்படுகின்றமை இனங்காணப்பட்டிருந்தது.

**5.5.2.2** மேலும் மின் நிலையத்தில் ஒரு அலகிற்காக நிலக்கரி அரைத்தல் அலகு (Mills) 05 காணப்படுவதுடன் இதில் அரைக்கும் 04 அலகுகள் மாத்திரம் செயற்பாட்டில் ஈடுபடுத்தப்படுகின்றது. ஒரு அரைக்கும் பிரிவிற்கு மணித்தியாலம் ஒன்றுக்கு நிலக்கரி வெளியீடு (Desing Output) மெற்றிக்தொன் 31.5 ஆக மின் நிலையத்தின் ஆரம்ப உற்பத்தியாளரால் பரிந்துரை செய்யப்பட்டிருந்தது. அதன் பிரகாரம் அரைத்தல் அலகு 04 இற்கும் உரிய மணித்தியாலத்திற்கு மொத்த நிலக்கரி உள்ளீடு (நுகர்வு) மெற்றிக்தொன் 126 (31.5 x 4) ஆகும். **(இணைப்பு 68)** உரிய நிலமையின் பிரகாரம் மின் நிலையத்தின் ஒரு அலகில் காணப்படுகின்ற அரைத்தல் அலகுகளில் மணித்தியாலம் ஒன்றுக்கு மொத்த நிலக்கரி உள்ளீடு மெற்றிக்தொன் 116 அல்லது அதற்கு குறைவாக காணப்படுவதாக மின் நிலையத்தின் பிரதான கட்டுப்பாட்டு பிரிவின் செயற்பாட்டு உத்தியோகத்தரினால் ஒவ்வொரு அலகிற்கும் உரிய பராமரிக்கப்படுகின்ற சம்பவத் திரட்டு புத்தங்களின் பிரகாரம் வெளிப்படுத்தப்பட்டது. **(இணைப்பு 69)** அவ்வாறே மணித்தியாலம் ஒன்றிற்கு மொத்த நிலக்கரி உள்ளீடு மெற்றிக்தொன் 116 அதற்கு குறைவாக பேணிச் செல்லப்பட்டமைக்கு கீழே குறிப்பிடப்படும் விடயங்கள் காரணமாக இருந்ததாக மின் நிலையத்தால் கணக்காய்விற்கு அறிவிக்கப்பட்டிருந்தது. **(இணைப்பு 70)**

ஒரு அலகின் வடிவமைக்கப்பட்ட நிலக்கரி வழங்கும் திறன் (the design coal feeding capacity) மணிக்கு 126 மெட்ரிக் டன்கள் (31.5 x 4) ஆக இருந் போதிலும், செயல்பாடுகளின் போது கவனிக்கப்படும் உண்மையான நிலக்கரி வழங்கும் விகிதம் சில நேரங்களில் மணிக்கு சுமார் 115–116 மெட்ரிக் தொன்களாகப் பராமரிக்கப்படலாம். இது முக்கியமாக தானியங்கி கட்டுப்பாட்டு

அமைப்பின் செயல்பாடு மற்றும் நம்பகமான மின் நிலைய செயல்பாட்டிற்குத் தேவையான பல செயல்பாட்டுப் பாதுகாப்பு அம்சங்கள் காரணமாகும்.

**(அ) நிலக்கரி வழங்கும் விகிதத்தின் தானியங்கி கட்டுப்பாடு**

சாதாரண இயக்க நிலைமைகளின் கீழ், மின் உற்பத்தி அலகின் நிலக்கரி வழங்கும் விகிதம் பரவலாக்கப்பட்ட கட்டுப்பாட்டு முறைமை (Distributed Control System - DCS) மூலம் தானாகவே கட்டுப்படுத்தப்படுகிறது. இந்த அமைப்பு, அமைப்பு கட்டுப்பாட்டு நிலையத்திலிருந்து தேவையான மின் உற்பத்தி இலக்கை (செயற்படுத்தப்பட வேண்டிய இயலளவு மட்டம் - load set point) பெற்று, தேவையான மின் வெளியீட்டிற்குப் பொருந்தும்படி நிலக்கரி ஓட்டத்தைத் தானாகவே சரிசெய்கிறது.

இந்தக் கட்டுப்பாடு ஒரு PID (Proportional–Integral–Derivative) கட்டுப்படுத்தியைப் பயன்படுத்தி மேற்கொள்ளப்படுகிறது, இது நிலையான கொதிகலன் எரிதலையும், அலகு செயல்பட வேண்டிய திறனையும் பராமரிக்க நிலக்கரி வழங்கும் விகிதத்தைத் தொடர்ந்து சரிசெய்கிறது. இந்தத் தானியங்கி கட்டுப்பாட்டுச் செயல்முறையின் ஒரு பகுதியாக, நிலக்கரி வழங்கும் விகிதம் ஒரு குறிப்பிட்ட பெறுமதியில் நிலையாக இருப்பதில்லை, மாறாக ஒரு சிறிய இயக்க எல்லைக்குள் தொடர்ந்து ஏற்ற இறக்கத்துடன் இருக்கும். இந்த நிலக்கரி விகிதமானது, அலகு செயல்பட வேண்டிய திறன் மற்றும் நிலக்கரியின் ஆற்றல் உள்ளடக்கம் ஆகியவற்றால் தீர்மானிக்கப்படுகிறது. தேவைப்படும் திறனை மணிக்கு 116 மெட்ரிக் தொன் என்ற விகிதத்தில் உருவாக்க முடியுமானால் விநியோக விகிதத்தை அதிகபட்ச அளவிற்கு அதிகரிக்க வேண்டிய அவசியமில்லை.

அதனால் ஒரு குறிப்பிட்ட காலப்பகுதியில் சராசரி நிலக்கரி நுகர்வைக் கணிப்பிடும் போது, அந்த பெறுமதி அதிகபட்ச விநியோக விகிதத்தை விட சற்றுக் குறைவாகத் தோன்றக்கூடும். இந்த முரண்கள், தானியங்கி செயல்முறைக் கட்டுப்பாட்டு முறைமைகளின் ஒரு இயல்பான பண்பாகும்.

**(ஆ) நிலக்கரியில் அதிக பைரைட் (Pyrite) உள்ளடக்கம்**

நிலக்கரியில் சில சமயங்களில் கடினமான கனிமத் துகள்கள் உள்ளன, அவற்றை அரைக்கும் அலகால் அரைக்க முடியாது. இந்தத் துகள்கள் பொதுவாக பைரைட் என்று அழைக்கப்படுகின்றன. நிலக்கரி அரைக்கும் அலகில், இந்த பொருட்களைப் பிரித்து, நிராகரிப்பு முறைமை வழியாக பைரைட் புனலில் வெளியேற்றுவதற்கு ஒரு விசேட பொறிமுறை உள்ளதுடன் அதை இயக்குபவர்கள் அவ்வப்போது அகற்றுகிறார்கள்.

நிலக்கரியில் வழக்கத்திற்கு மாறாக அதிக அளவு பைரைட் அல்லது அதுபோன்ற கழிவுகள் இருந்தால், அவை உருவாகும் வேகத்தில் நிராகரிப்பு முறைமையால் அவற்றை அகற்ற முடியாமல் போகலாம். இது, அவை அரைக்கும் அலகிலேயே குவிவதற்குக் காரணமாவதுடன் இது அரைக்கும் அலகில் அடைப்பு, அதிக வெப்பம் அல்லது தீ அபாயத்திற்கு வழிவகுக்கும். இத்தகைய சூழ்நிலைகளில், பாதுகாப்பான செயல்பாடுகளைப் பராமரிக்க நிலக்கரி விநியோக விகிதம் குறைக்கப்படுகிறது.

### (இ) முதன்மை காற்று ஓட்ட எல்லைகள் (Primary Air Flow Limitations)

நிலக்கரியை உலர்த்துவதற்கும், தூளாக்கப்பட்ட நிலக்கரியை கொதிகலன் எரிப்பான்களுக்குக் கொண்டு செல்வதற்கும் நிலக்கரி அரைக்கும் அலகுகளுக்குப் போதுமான முதன்மை காற்று தேவைப்படுகிறது. இந்தக் காற்று, அரைக்கும் அலகுகளை அடைவதற்கு முன்பு காற்று முன்சூடாக்கி (Air Preheater) வழியாகச் செல்கிறது. காற்று முன்சூடாக்கி பகுதியளவு அடைக்கப்பட்டிருந்தாலோ அல்லது காற்று கசிவு இருந்தாலோ, தேவையான காற்று ஓட்டத்தை அரைக்கும் அலகிற்கு வழங்க முடியாது.

திட்டமிடப்பட்ட மாதிரிகளை விட அதிக சாம்பல் உள்ளடக்கம் கொண்ட நிலக்கரியைப் பயன்படுத்தும்போது, காற்று முன்சூடாக்கியில் உள்ள சாம்பல் படிவுகள் படிப்படியாக இதுபோன்ற அடைப்புகளை உருவாக்கக்கூடும். கிடைக்கும் காற்றின் ஓட்டம் குறையும்போது, அரைக்கும் அலகுகளால் அவற்றின் முழுத் திறனில் பாதுகாப்பாக இயங்க முடியாது, எனவே நிலக்கரி விநியோக விகிதமும் குறைகிறது.

### (ஈ) நிலக்கரியின் தரத்தன்மை முரண்பாடுகள்

மின் நிலையத்திற்கு வழங்கப்படும் நிலக்கரியானது, சாம்பல் உள்ளடக்கம், ஈரப்பதம் மற்றும் கனிமக் கலவை போன்ற பண்புகளில் வேறுபடலாம். இக்காரணத்தால், நிலக்கரி அரைக்கும் அலகுகளின் மின்சாரம், வெப்பநிலை மற்றும் பைரைட் வெளியேற்றம் போன்ற முக்கிய இயக்க அளவுருக்களைக் கூர்ந்து கண்காணிப்பதன் மூலம், அவை எப்போதும் முறையாக பூரணப்படுத்தப்படுகின்றன.

இந்த அளவுருக்கள், அரைக்கும் அலகில் அதிக மின்சாரம் (மிகைப் பூர்த்தியைக் குறிக்கிறது) அல்லது அதிக கழிவுகள் வெளியேற்றம் போன்ற அசாதாரண நிலைகளைக் காட்டினால், நிலக்கரி வழங்கும் விகிதத்தை மேலும் அதிகரிக்க முடியாது. அத்தகைய சந்தர்ப்பங்களில், பாதுகாப்பான மற்றும் நிலையான அரைக்கும் அலகின் செயல்பாட்டை உறுதி செய்வதற்காக, நிலக்கரி வழங்கும் விகிதம் குறைந்த மட்டத்தில் பேணிச்செல்லப்படுகிறது.

### (உ) ஈரமான நிலக்கரி நிலைமை

நிலக்கரியில் அதிக ஈரப்பதம் இருந்தாலோ அல்லது சேமிப்பு அல்லது கையாளுதலின் போது அது ஈரமாகிவிட்டாலோ, அது அரைக்கும் அலகின் உள்ளக மேற்பரப்புகளில் ஒட்டிக்கொள்ள வாய்ப்புள்ளது. இது அரைக்கும் திறனைக் குறைத்து, அரைக்கும் அலகில் பொருட்கள் தேங்குவதற்குக் காரணமாகலாம். அரைக்கும் அலகில் அடைப்பு ஏற்படுவதையோ அல்லது நிலையற்ற செயல்பாட்டையோ தவிர்க்க, நிலக்கரி வழங்கும் விகிதத்தைக் குறைக்க வேண்டும்.

### (ஊ) அரைக்கும் அலகில் அழுத்த வேறுபாடு (Differential Pressure) அதிகரித்தல்

அரைக்கும் அலகின் அரைக்கும் பகுதி முழுவதும் உள்ள அழுத்த வேறுபாடு, தூளாக்கப்பட்ட நிலக்கரி கொதிகலனுக்கு எவ்வளவு திறம்பட கொண்டு செல்லப்படுகிறது என்பதைக் குறிக்கிறது. இந்த அழுத்தம் கணிசமாக அதிகரித்தால், அதிகப்படியான நிலக்கரி விநியோகத்தின் காரணமாக அரைக்கும் அலகில் நிலக்கரித் துகள்கள் குவிகின்றன என்பதைக் குறிக்கிறது. அரைக்கும் அலகுகளில் அடைப்பு ஏற்படுவதையும், அதனால்

ஏற்படக்கூடிய செயல்பாட்டுச் சிக்கல்களையும் தடுப்பதற்கு நிலக்கரி வழங்கும் விகிதம் குறைக்கப்படுகிறது.

**(எ) ஒரு செயல்பாட்டுச் சம்பவத்தின் அண்மைக்கால உதாரணம் கீழே குறிப்பிடப்பட்டுள்ளது.**

மார்ச் 05 ஆந் திகதி, அலகு 03 இல் உள்ள அரைக்கும் அலகுகளில் ஒன்று, மணிக்கு சுமார் 29–30 மெட்ரிக் தொன் நிலக்கரி ஓட்ட விகிதத்தில் இயங்கிக் கொண்டிருந்தது. இந்தச் செயல்பாடுகளின் போது, E, B மற்றும் D ஆகிய அரைக்கும் அலகுகளின் பைரைட் hopper புனலில் தீ விபத்து ஏற்பட்டது. இதனால், அந்த அரைக்கும் அலகுகள் அடைபட்டன. நிலக்கரியுடன் தொடர்புடைய அதிகப்படியான பைரைட் வெளியேற்றத்தால் இந்தப் பிரச்சினை ஏற்பட்டது என்று விசாரணையில் வெளிப்பட்டது.

பாதுகாப்பான செயல்பாட்டை உறுதி செய்வதற்கும், மேலும் சம்பவங்கள் ஏற்படுவதைத் தடுப்பதற்கும், ஒவ்வொரு அரைக்கும் அலகிற்கும் நிலக்கரி வழங்கும் விகிதம் மணிக்கு சுமார் 26 மெட்ரிக் தொன்னாகக் குறைக்கப்பட வேண்டியிருந்தது. மேலும், பாதிக்கப்பட்ட அரைக்கும் அலகுகள் சுத்தம் செய்யப்பட்டு, இயல்பான இயக்க நிலைக்கு மீட்டெடுக்கப்படும் வரை, நிலையான எரிதலைப் பராமரிப்பதற்காக எண்ணெய் மூலம் இயங்கும் உபகரணங்கள் தற்காலிகமாகப் பயன்படுத்தப்பட்டன. எனவே, நிலக்கரியின் அளவை அதிகபட்ச அளவில் பராமரிப்பதை விட, இதுபோன்ற சூழ்நிலைகளைத் தடுப்பதே மிகவும் முக்கியமானது.

### 5.5.3 லக்விஜய மின் நிலையத்திற்காக நிலக்கரி பயன்படுத்தும் போது மாதிரிகளுக்காக ஸ்தாபிக்கப்பட்ட நியமங்கள்

**5.5.3.1** மின் நிலையத்தில் Original Equipment Manufacturer இனால் நிலக்கரி மாதிரிகள் தீர்மானிக்கப்படுவதுடன் **(இணைப்பு 71)** லங்கா நிலக்கரி கம்பனியால் நிலக்கரி இறக்குமதி செய்யப்படுகின்ற சந்தர்ப்பத்தின் போது அந்த நிலக்கரிகளுக்கு உரிய மாதிரியில் கீழே குறிப்பிடப்படுகின்ற நியமங்களை உள்ளடக்கியிருக்க வேண்டி இருந்தமை தற்போது வரையிலும் பயன்படுத்தப்படுகின்ற கேள்வி ஆவணங்களில் குறிப்பிடப்பட்டிருந்தது. மேலும் மேற்குறிப்பிடப்பட்ட பிரகாரம் அளவுருக்களுக்காக ஸ்தாபிக்கப்பட்ட எல்லைகள் கீழே காண்பிக்கப்படுகின்ற எல்லையில் நிராகரிக்கும் உரித்து கொள்வனவாளருக்கு உள்ளமைக்கு அந்த அந்த சந்தர்ப்பங்களின் போது உடன்படிக்கையின் மூலம் கம்பனியின் 3.4.3(a) பிரிவில் **(இணைப்பு 72)** விற்பனையாளருக்கு அறிவிக்கப்படுவதுடன் காணப்பட வேண்டிய கீழே குறிப்பிடப்படுகின்ற நியமங்களும் உடன்படிக்கையின் 5.1 ஆம் பிரிவில் விற்பனையாளருக்கு மேலும் அறிவிக்கப்படுகின்றது. **(இணைப்பு 73)**

**அட்டவணை இலக்கம் 13 – லங்கா நிலக்கரி கம்பனியால் இறக்குமதி செய்யப்படுகின்ற நிலக்கரிகளுக்காக காணப்பட வேண்டிய நியமங்கள் மற்றும் நிராகரிக்கப்பட வேண்டிய மட்டத்தின் பெறுமதிகள்**

| அளவுருக்கள் | அளவீட்டு அலகுகள் | பெறப்பட்ட அடிப்படை | நிராகரிக்கப்படுகின்ற மட்டம் |
|---|---|---|---|
| மொத்த கலோரிபிக் பெறுமதி (Gross Calorific Value) | kcal/kg | 6,150 | 5,900 இற்கு கீழ் |

| | | | |
|---|---|---|---|
| மொத்த ஈரப்பதன் (Total Moisture) | % wt | 12.0 அல்லது கீழ் | நிறையில் 16% இற்கு மேல் |
| ஆவியாகும் பொருட்கள்(Volatile Matter) | % wt | 31 | 22% இற்கு கீழ், 39.9% இற்கு மேல் |
| நிலையான காபன் (Fixed Carbon) | % wt | 49.5 | |
| சல்பர் (Sulphur) | % wt | 0.5 அல்லது கீழ் | நிறையில் 1% இற்கு மேல் |
| சாம்பல் (Ash) | % wt | 11.0 அல்லது கீழ் | நிறையில் 16% இற்கு மேல் |
| ஹாட்குரோவ் அரைத்தல் இயலுமையின் குறிகாட்டி (HGI) | ○ H | 50 | 40 இற்கு கீழ், 59 இற்கு மேல் |
| Grain அளவு மில்லி லீற்றர் 50 இற்கு மேல் | % wt | 3.0 அல்லது கீழ் | நிறையில் 5% இற்கு மேல் |
| Grain அளவு மில்லி லீற்றர் 02 இற்கு குறைவு | % wt | 22.5 அல்லது கீழ் | நிறையில் 30% වඩා වැඩි |
| சாம்பல பறக்கும் அளவு **(ASH FUSION) ( $C^0$)** | | | |
| ஆரம்ப உரு மாற்ற வெப்பநிலை (IDT)<br>திரவ வெப்பநிலை (FT) | $C^0$<br>$C^0$ | 1,250<br>1,325 | 1,150 $C^0$ இற்கு கீழ்1,250 $C^0$ இற்கு கீழ் |

### 5.5.3.2 ஏதாவது சந்தர்ப்பம் ஒன்றில் இறக்குமதி செய்யப்படுகின்ற நிலக்கரி இருப்புக்கள் குறித்துரைத்த நியமங்களுக்கு இணங்காமைக்கு எடுக்கப்பட வேண்டிய நடவடிக்கைகள்

#### 5.5.3.2.1 நியமங்களுக்கு இணங்காது இருந்தமை ஏற்றும் துறைமுகத்தின் போது (Loading Port) இனங்காணும் போது

ஏற்றும் துறைமுகத்தில் பகுப்பாய்வு சான்றிதழ், விற்பனையாளருக்கு கிடைத்து 72 மணித்தியாலத்திற்குள் சான்றிதழ் கொள்வனவாளருக்கு சமர்ப்பிக்க வேண்டியிருந்தமை உடன்படிக்கையின் 3.5.2 பிரிவில் காண்பிக்கப்பட்டுள்ளது. **(இணைப்பு 74)** மேலும் நிலக்கரி கப்பல் பொருள் இருப்பு மேற்குறிப்பிடப்பட்ட நிராகரிக்கும் பெறுமதிகளில் நிரல்படுத்தப்பட வேண்டி இருந்த அளவுருக்கள் நிராகரிக்கும் பெறுமதிகளுக்கு உரித்தாயின் கம்பனிக்கு அவ்வாறான நிலக்கரி கொள்வனவு செய்தல் நிராகரிப்பதற்கு முடியும். மேலும் இந்த சந்தர்ப்பத்தின் போது விற்பனையாளர் இவ்வாறான நிலக்கரி கப்பலில் இடுவதற்கும் விற்பனையாளரின் செலவினங்களை உடனடியாக மீண்டும் கோர வேண்டி இருந்ததுடன் உடன்படிக்கையின் பிரகாரம் தரத் தன்மையுடன் மாற்று நிலக்கரி வழங்கல் ஒன்றை மேற்கொள்வதற்கு விற்பனையாளருக்கு ஏற்படுகின்றது.

**5.5.3.2.2 நியமங்களுக்கு இணங்காது இருந்ததான நிலமை தரை இறக்கும் துறைமுகத்தின் போது (Discharging Port) இனங்காணும் போது**

தரை இறக்கும் துறைமுகத்தில் சுயாதீனப் பரிசோதனையாளரால் வழங்கப்பட்ட தரை இறக்கும் துறைமுகப் பகுப்பாய்வு சான்றிதழ் கிடைத்த பின்னர் நிலக்கரி கம்பனியால் நிலக்கரி நிராகரிக்கும் பெறுமதிகளில் நிரல்படுத்தப்பட்டுள்ள அளவுருக்களின் பிரகாரம் நிலக்கரி நிராகரிக்கும் பெறுமதிகளுக்கு உட்படுமாயின் நிலக்கரிகளுக்காக LCC ஏற்றுக் கொள்ளப்பட்ட பெறுமதியை புறக்கணிப்பதற்காக உடன்படிக்கை பிரிவுகளின் பிரகாரம் புதிய சீராக்கங்கள் மேற்கொள்ளப்படல் வேண்டும்.

**5.5.3.2.3 இறக்குமதி செய்யப்பட்ட நிலக்கரிகள் குறித்துரைத்த நியமங்களுக்கு இல்லாது இருக்கும் போது வழங்குனர்களிடம் இருந்து தண்டப்பணம் அறவிடும் முறைமை**

இந்த தண்டப் பணம் அறவிடல் கீழே குறிப்பிடப்படுகின்ற இரண்டு சந்தர்ப்பங்களின் பிரகாரம் மேற்கொள்ளப்படுகின்றது.

(அ) தரை இறக்கப்பட்ட நிலக்கரிகளில் காணப்படுகின்ற மாதிரியில் LCC அங்கீகரிக்கப்பட்ட பெறுமதியை பூர்த்தி செய்யாது இருந்த போதும் LCC இனால் நிலக்கரி நிராகரிக்கும் பெறுமதிகளுக்கு உரித்து இல்லாத போது தண்டப்பணம் அறவிடுதல். **(இணைப்பு 75)**

(ஆ) தரை இறக்கப்பட்ட நிலக்கரிகளில் காணப்படுகின்ற மாதிரிகள் LCC இனால் நிலக்கரி நிராகரிக்கும் பெறுமதிகளுக்கு உரிதத்தான போது தண்டப்பணம் அறவிடல். **(இணைப்பு 76)**

இந்த இரண்டு சந்தர்ப்பங்கள் தொடர்பான விரிவான விளக்கமளித்தல் கீழே காணப்படுகின்றது.

**அட்டவணை இலக்கம் - 14 தரை இறக்கப்பட்ட நிலக்கரிகளில் காணப்படுகின்ற மாதிரிகள் LCC அங்கீகரிக்கப்பட்ட பெறுமதிகள் காணப்படாது இருந்த போதும் LCC இனால் நிலக்கரி நிராகரிக்கும் பெறுமதிகளுக்கு உரித்தல்லாத போது தண்டப்பணம் அறவிடல்.**

| மாதிரிகள் | அளவிடல் அலகு | அங்கீகரிக்கப்பட்ட பெறுமதி | உள்ளபடியான பெறுமதி | தண்டப்பணம் |
|---|---|---|---|---|
| மொத்த கலோரி பெறுமதி | kcal/ kg | 6150 | >=5900 | [ (FOB)f x 1.25 ] x [(LCC Standard value Actual Value) / LCC Standard value] |
| சல்பர் உள்ளடக்கம் | % wt | 0.5 இற்கு கீழ் | <=1 | [(FOB)f x 0.4%] x [(Actual value % - LCC Standard value%) / 0.1%] |
| சாம்பல் உள்ளடக்கம் | % wt | 11.0 இற்கு கீழ் | <=16 | [(FOB)f x 0.8%] x [(Actual value % - LCC Standard value%) / 1%] |
| ஈரப்பதன் உள்ளடக்க | % wt | 12.0 හෝ අඩු | <=16 | [(FOB)f x 2%] x [(Actual value % - LCC |

| | | | | |
|---|---|---|---|---|
| ம் | | | | Standard value%) / 1%] |
| தரை இறக்கும் துறைமுகத்தில் பொருள் களஞ்சியத்தில் மிகை நீர் உள்ளடக்கம் | MT | 0 | மிகை நீர் | [ Excess water found in MT x (CFR)f price per MT] x 4 |
| Grain அளவு மில்லி மீற்றர் 50 இற்கு மேல் | % wt | 3.0 இற்கு கீழ் | <=5 | [(FOB)f x 0.05%] x [(Actual value % - LCC Standard value%) / 1%] |
| Grain அளவு மில்லி மீற்றர் 02 இற்கு குறைவு | % wt | 22.5 இற்கு கீழ் | <=30 | [(FOB)f x 0.01%] x [(Actual value % - LCC Standard value%) / 1%] |
| ஆவியாகும் பொருள் | % wt | 31 | <25 | [(FOB)f x 0.4%] x [(25 % - Actual value %) / 1%] |
| ஆவியாகும் பொருள் | % wt | 31 | >35 | [(FOB)f x 1%] x [(Actual value % - 35%) / 1%] |

LCC இனால் நிலக்கரி நிராகரிக்கும் பெறுமதியில் காண்பிப்பதற்கு மாதிரிகளின் முரண்களுக்காக மேற்குறிப்பிடப்பட்ட அட்டவணையின் பிரகாரம் தண்டப்பணம் கணிப்பிடப்பட்டு அந்த தண்டப்பணத்திற்கு LCC இனால் நிலக்கரி நிராகரிக்கும் பெறுமதிகளுக்கு உரித்தான உரிய மாதிரியின் முரண்களுக்காக பின்வரும் அட்டவணையின் பிரகாரம் கணிப்பிடப்படுகின்ற தண்டப்பணத் தொகை தண்டப் பணத் தொகை கணிப்பிடப்படுகின்றது.

**அட்டவணை இலக்கம் - 15 தரை இறக்கப்பட்ட நிலக்கரிகளில் காணப்படுகின்ற மாதிரிகள் LCC இனால் நிலக்கரி நிராகரிக்கும் பெறுமதிகளுக்கு உரித்தான போது தண்டப்பணம் அறவிடல்.**

| மாதிரிகள் | அளவிடல் அலகு | நிராகரிக்கப் பட்ட பெறுமதி | உள்ள படியான பெறுமதி | தண்டப்பணம் |
|---|---|---|---|---|
| மொத்த கலோரி பெறுமதி | kcal / kg | 5900 | <5900 | {[(CFR)f x 1.25] x [(LCC Reject value - Actual Value) / LCC Standard value]} x 2 |
| சல்பர் உள்ளடக்கம் | % wt | 1 | <1 | {[(CFR)f x 0.4%] x [(Actual value % - LCC Reject value%) / 0.1%]} x 4 |
| சாம்பல் உள்ளடக்கம் | % wt | 16.0 | <16 | {[(CFR)f x 0.8%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| ஈரப்பதன் உள்ளடக்கம் | % wt | 16.0 | <16 | {[(CFR)f x 2%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| Grain அளவு மில்லி மீற்றர் 50 இற்கு மேல் | % wt | 5.0 | <5 | {[(CFR)f x 0.05%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| Grain அளவு மில்லி மீற்றர் 02 இற்கு குறைவு | % wt | 30 | >30 | {[(CFR)f x 0.01%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| ஆவியாகும் பொருள் | % wt | 22 | <22 | {[(CFR)f x 0.4%] x [(Reject value % - Actual value %) / 1%]} x 2 |
| ஆவியாகும் பொருள் | % wt | 39.9 | >39.9 | {[(CFR)f x 1%] x [(Actual value % - Reject value %) / 1%]} x 2 |
| ஹார்ட்குரோவ் அரைத்தல் இயலுமையின் குறிகாட்டி (HGI) | ○ H | 59 | >59 | {0.05 x (Actual Value - LCC Reject Value)} |
| ஹார்ட்குரோவ் அரைத்தல் இயலுமையின் குறிகாட்டி (HGI) | ○ H | 40 | <40 | {0.05 x (LCC Reject Value - Actual Value)} |
| சாம்பல் அளவு வெப்பநிலை (அ) ஆரம்ப நிலையில் வெப்பநிலை (IDT) | $C^0$<br>$C^0$ | 1,150<br>1,250 | <1150<br><1250 | {0.1 x (LCC Reject Value - Actual Value)}<br>{0.1 x (LCC Reject Value - Actual Value)} |

| | | | | |
|---|---|---|---|---|
| (ஆ) திரவ நிலையில் வெப்பநிலை(FT) | | | | |

**5.5.4 2020 (262 ஆவது கப்பல் தடவையில் இருந்து) 2026 (455 ஆவது கப்பல் தடவை வரை) இலங்கைக்கு இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புக்களின் நியமங்கள் தொடர்பான பகுப்பாய்வு**

5.5.4.1.1 2020 – 2021 நிலக்கரி தடவையில் இருந்து (262 ஆவது கப்பல் இடலில் இருந்து) 2025 – 2026 நிலக்கரி தடவை வரை (455 ஆவது கப்பலில் இடல் வரை) இறக்குமதி செய்யப்பட்ட நிலக்கரி கப்பல் இருப்பு 194 இற்குரிய தரை இறக்கப்பட்ட துறைமுகத்தில் சுயாதீனப் பரிசோதகர் (லங்கா நிலக்கரி கம்பனியால் தெரிவு செய்யப்பட்ட பரீட்சகராக இருந்ததன் காரணமாக) சமர்ப்பிக்கப்பட்ட பரிசோதனை அறிக்கையின் படி நிலக்கரி இருப்புக்களின் தரத் தன்மை கீழே அட்டவணையில் காண்பிக்கப்படுகின்றது. **(இணைப்பு 77)**

**அட்டவணை இலக்கம் 16 2020-2026 இலங்கைக்கு இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்பின் நியமம் தொடர்பான பகுப்பாய்வு**

| அளவுரு | அளத்தல் அலகு | அங்கீகார பெறுமதி (கிடைத்த அடிப்படையில்) | நிரகரிக்கப்பட்ட பெறுமதி | இறக்குமதி செய்யப்பட்ட கப்பல் பொருள் இருப்பு 194 இல் காணப்பட்ட உள்ளபடியான பெறுமதி | |
|---|---|---|---|---|---|
| மொத்த ககலோரி பெறுமதி (Gross Calorific Value) | kcal/kg | 6,150 | 5,900 இற்கு குறைவு | 6410-6472 | 9 |
| | | | | 6310-6392 | 32 |
| | | | | 6205-6295 | 41 |
| | | | | 6151-6198 | 57 |
| | | | | 6104-6148 | 37 |
| | | | | 6054-6098 | 13 |
| | | | | 6002-6036 | 5 |
| | | | | **மொத்தம்** | **194** |
| மொத்த ஈரப்பதன் | % wt | 12.0 அல்லது குறைவு | 16 இற்கு மேல் | 12.0 குறைவு | 194 |
| ஆவியாகும் பொருள் (Volatile Matter) | % wt | 31 | 22 இற்கு குறைவு, 39.9 இற்கு மேல் | 25.05 - 34.85 | 181 |
| | | | | 22 அதிகம் 25 குறைவு | 13 |
| | | | | **மொத்தம்** | **194** |
| சல்பர் உள்ளடக்கம் | % wt | 0.5 அல்லது குறைவு | 1 இற்கு மேல் | 0.5 குறைவு | 139 |
| | | | | 0.5 | 19 |
| | | | | 0.51-0.71 | 36 |
| | | | | **மொத்தம்** | **194** |
| சாம்பல் உள்ளடக்கம் | % wt | 11.0 அல்லது குறைவு | 16 இற்கு மேல் | 11.0 අඩු | 101 |
| | | | | 11.11 - 15.97 | 93 |
| | | | | **மொத்தம்** | **194** |
| ஹர்ட்குரொவ் அரைக்கும் இயலுமைக் சுட்டென் (HGI) | o H | 50 | 40 இற்கு குறைவு, 59 இற்கு மேல் | 49-58 | 194 |

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|---|---|---|---|---|---|
| Grain அளவு மில்லிமீற்றர் 50 இற்கு மேல் | % wt | 3.0 அல்லது குறைவு | 5 இற்கு மேல் | 0.05-2.84 | 194 |
| Grain அளவு மில்லிமீற்றர் 50 இற்கு மேல் | % wt | 22.5 அல்லது குறைவு | 30 இற்கு மேல் | 17.38-22.50 | 182 |
| | | | | 22.58-26.57 | 12 |
| | | | | **மொத்தம்** | **194** |
| சாம்பல் பறத்தில் வெப்பம் - ஆரம்ப நிலையில் வெப்பம் (IDT) | $C^0$ | 1250 | 1,150 இற்கு குறைவு | 1210-1500 | 194 |
| ஏ சாம்பல் பறத்தில் வெப்பம் - இறுதி நிலையில் வெப்பம் (FT) | $C^0$ | 1325 | 1,250 இற்கு குறைவு | 1290-1500 | 194 |

மேற்கூறப்பட்ட அட்டவணையின் படி 2020 – 2021 நிலக்கரி தடவையில் இருந்து (262 ஆவது கப்பலில் இடலில் இருந்து) 2025 – 2026 நிலக்கரி தடவை வரை (455 ஆவது கப்பலில் இடல் வரை) இறக்குமதி செய்யப்பட்ட நிலக்கரிகளின் மொத்த கலரி பெறுமதி இந்த மின் நிலையத்திற்கு தேவையான நியமம் 6,150 kcal/kg விஞ்சி 72 சதவீதத்திற்குரிய நியமத்தையும் விஞ்சி இருந்ததுடன் மிகுதி அளவான 28 சதவீத அளவும் நிராகரிக்கப்பட்ட பெறுமதியில் உள்ளடக்கப்பட்டிருக்கவில்லை. மேலும் சாம்பல் உள்ளடக்கத்தை கவனத்தில் கொள்ளும் 52 சதவீத நியமத்தை விஞ்சி இருந்தமையும் 48 சதவீதம் நிராகரிக்கப்பட்ட பெறுமதியில் உள்ளடக்கப்பட்டிருக்கவில்லை. மேலும் மேற்கூறப்பட்ட அட்டவணையின் படி ஏனைய அளவுருக்களில் காணப்படுகின்ற நிலமைகளும் காண்பிக்கப்பட்டதுடன் அவ்வாறு நிராகரிக்கப்பட்ட பெறுமதியில் இல்லாதிருந்த போதும் அங்கீகரிக்கப்பட்ட பெறுமதியில் இல்லாத அளவுருக்கள் சிலவற்றுக்காக விலை சீராக்கங்கள் மேற்கொள்ளப்பட்டிருந்தது.

#### 5.5.4.1.1 2020 – 2025 காலப் பகுதியில் மின் நிலையத்தின் அலகு இலக்கம் 01 இனால் பயன்படுத்தப்பட்ட நிலக்கரி இருப்பின் அடிப்படையில் அதன் செயலாற்றல்

(i) 2020 முதல் 2025 வரையான 06 வருடங்களில் அதாவது 2,198 நாட்கள் காலப் பகுதியின் போது அலகு இலக்கம் 01 இல் 1,730 நாட்கள் மின்சாரத்தை உற்பத்தி செய்வதற்காக செயற்படுத்தப்பட்டிருந்ததுடன் 1,730 நாட்களின் போது மின்சார உற்பத்தி செய்யும் போது நுகரப்பட்ட சராசரி நிலக்கரி அளவு / விகிதம் கிலோ வோல்ட் மணித்தியால அலகிற்கு நிலக்கரி குரோம் 379 ஆக இருந்தமை அதன் பிரகாரம் இனங்காணப்பட்டிருந்தது. இந்த சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பீடு செய்யும் போது அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்து இருந்த சந்தர்ப்பங்கள் கீழே காண்பிக்ப்படுகின்றது. **(இணைப்பு 78)**

**அட்டவணை இலக்கம் 17 மின் நிலையத்தின் அலகு இல. 01 இனால் பயன்படுத்தப்படுகின்ற நிலக்கரி இருப்பின் அடிப்படையில் அதன் செயலாற்றல்.**

| நாளாந்த சராசரி இயலளவு | பல்வேறு நாளாந்த சராசரி நிலக்கரி நுகர்வு விகிதம் (குரோம்) இன் கீழ் மின்சாரம் உற்பத்தி செய்யப்பட்ட நாட்களின் எண்ணிக்கை | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | < 379 | 379 - 390 | 390 - 400 | 400 - 410 | 410 - 420 | 420 - 430 | >430 | மொத்த நாட்களின் எண்ணிக் |
| 300>250 | 855 | 426 | 68 | 21 | 8 | 5 | 1 | 1384 |
| 250>200 | 32 | 68 | 100 | 50 | 15 | 3 | 3 | 271 |
| 200>150 | 2 | 6 | 12 | 8 | 3 | 3 | 0 | 34 |
| 150>100 | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 11 |
| 100>50 | 6 | 1 | 1 | 2 | 1 | 1 | 0 | 12 |
| 50>0 | 10 | 0 | 2 | 1 | 0 | 0 | 5 | 18 |
| **மொத்த நாட்களின் எண்ணிக்** | **908** | **505** | **186** | **83** | **27** | **12** | **9** | **1730** |

(ii) மேலே குறிப்பிடப்பட்ட 1,730 நாட்கள் காலப் பகுதியின் போது அலகு ஒன்றை உயிர்ப்பிப்பதற்கு அல்லது ஏனைய செயற்பாடுகளுக்காக சில நாட்களின் போது டீசல் பயன்படுத்தப்பட்டிருந்ததுடன் டீசல் பயன்படுத்தப்பட்ட நாட்களின் போது நாளாந்த நிலக்கரி நுகர்வு விகிதத்தின் பயன்பாடு பின்வரும் அட்டவணையில் காண்பிக்கப்படுகின்றது. **(இணைப்பு 78)**

**அட்டவணை இலக்கம் 18 டீசல் பயன்படுத்தப்பட்ட தினங்களின் போது நாளந்த நிலக்கரி பயன்பாட்டு விகிதத்தின் கையாளல்**

| நாளாந்த சராசரி இயலளவு | டீசல் பயன்படுத்தப்பட்ட தினங்களின் போது பல்வேறு நாளந்த சராசரி நிலக்கரி நுகர்வு விகிதம் (குரோம்) இன் கீழ் மின்சாரம் உற்பத்தி செய்யப்பட்ட நாட்களின் எண்ணிக்கை | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | டீசல் மெ. தொ | < 379 | 379 - 390 | 390 - 400 | 400 - 410 | 410 - 420 | 420 - 430 | >430 | மொத்த நாட்களின் எண்ணிக் |
| 300>250 | 0.02-23.02 | 72 | 42 | 7 | 0 | 0 | 3 | 1 | 125 |
| 250>200 | 0.03-92.33 | 9 | 10 | 9 | 8 | 3 | 0 | 1 | 40 |
| 200>150 | 0.17-61.30 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 7 |
| 150>100 | 0.31-148.82 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 8 |
| 100>50 | 1.01-195.14 | 6 | 1 | 1 | 2 | 1 | 1 | 0 | 12 |
| 50>0 | 0.98-183.67 | 10 | 0 | 2 | 1 | 0 | 0 | 5 | 18 |
| **மொத்த நாட்களின் எண்ணிக்** | | **100** | **58** | **26** | **11** | **4** | **4** | **7** | **210** |

(iii) லக்விஜய மின் நிலையத்தில் மேற்கூறப்பட்ட இரண்டு அட்டவணையின் பிரகாரம் சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பீடு செய்யும் போது அந்த விகிதத்தை விட நாளந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்து இருந்த சந்தர்ப்பங்களுக்காக அந்த காலப் பகுதியின் போது இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புக்களின் தரத் தன்மை குறைவடைந்தமை காரணமாக இருந்ததா எனவும், நிலக்கரிகளின் தரத் தன்மை குறைவடைந்ததன் காரணமாக மெகாவோல்ட் 300 இயலளவை உடைய

அலகை அமுல்படுத்துவதற்கு முடியாது இருந்ததா எனவும் பரீட்சிப்பதற்காக அந்த காலப் பகுதிக்குரிய அலகு இலக்கம் 01 இன் மின் நிலையத்தின் பிரதான கட்டுப்பாட்டு பிரிவின் செயற்பாட்டு உத்தியோகத்தரால் அந்த அலகிற்கு உரிய பராமரிக்கப்படுகின்ற சம்பவத்திரட்டு புத்தகம் பரீட்சிக்கப்பட்டது. அந்த சம்பவத்திரட்டு புத்தகத்தின் பிரகாரம் உரிய காலப் பகுதியின் போது இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புக்களின் தரத் தன்மை குறைவடைந்தமை காரணமாக இருந்தமைக்கு அல்லது / மற்றும் நிலக்கரிகளின் தரத் தன்மை குறைவடைந்தமை காரணமாக மெகாவோல்ட் 300 இயலளவில் அலகினை செயற்படுத்துவதற்கு முடியாது இருந்தமைக்கான எந்த ஒரு குறிப்பையும் இனங்காண்பதற்கு முடியாது இருந்தது.

(iv) சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பீடு செய்யும் போது விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்து இருந்த சந்தர்ப்பங்களுக்காக அந்த காலப் பகுதியின் போது இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புக்களின் தரத்தன்மை குறைவடைந்தமை காரணமாக இருந்ததா எனவும் மற்றும் நிலக்கரிகளின் தரத் தன்மையின் குறைவின் காரணமாக மெகாவோல் 300 இயலளவை உடைய அலகை செயற்படுத்துவதற்கு முடியாது இருந்ததா எனவும் பரீட்சிப்பதற்காக 2025 ஆம் ஆண்டுக்குரிய ஒன்றிணைந்த பிரிவின் முறைமைக் கட்டுப்பாட்டு பிரிவினால் நாளாந்தம் தயாரிக்கப்படுகின்ற மின்சார முறைமை அறிக்கையை பரிசோதனை செய்யப்பட்டதுடன் அந்த அறிக்கைகளில் இரவு செயலிழந்த காலப் பகுதியில் மின் நிலையத்தின் ஒவ்வொரு அலகில் இருந்தும் மின்வலு முறைமைக்கு வழங்கக் கூடிய இயலளவில் (துணை மின்வலு நுகர்வு குறைக்கப்பட்ட பின்னர்) அதாவது மெகாவோல்ட் 270 அளவை இயலளவில், அந்தந்த பிரிவுகளில் அமுல்படுத்தப்பட்ட இயலளவு மற்றும் அதற்குரிய குறிப்புக்களில் காண்பிக்கப்படுகின்றது. அதன் பிரகாரம் அலகு இலக்கம் 01 இற்குரிய 2025 ஆம் ஆண்டின் போது சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பீடு செய்யும் போது அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்து இருந்த சந்தர்ப்பம் / 104 நாட்களுக்கு இடையே இரவு செயலிழந்த காலப் பகுதியின் போது மொத்த இயலளவு அல்லது அதற்கு மேற்பட்ட மெகாவோல்ட் 270 அல்லது அதற்கு மேற்பட்ட இயளவில் 48 நாட்கள் செயற்பட்டு இருந்ததுடன் மெகாவோல்ட் 267 – 269 இற்கு இடையிலான இயலளவில் 27 நாட்களும், மெகாவோல்ட் 264 – 266 இற்கு இடையிலான இயலளவில் 15 நாட்களும், மெகாவோல்ட் 263 – 260 இற்கு இடையிலான இயலளவில் 05 நாட்களும், மெகாவோல்ட் 207 – 256 இற்கு இடையிலான இயலளவில் 06 நாட்களும் செயற்பட்டு இருந்தது. அவ்வாறே 03 நாட்கள் இரவு நெருக்கடியான காலப் பகுதியில் அலகு அமுல்படுத்தப்பட்டிருக்கவில்லை. இந்த சந்தர்ப்பங்களுக்கு இடையே ஒரு சந்தர்ப்பத்தில் மாத்திரம் அதாவது 2025 நவம்பர் 03 ஆந் திகதி இரவு நெருக்கடியான காலப் பகுதியில் நிலக்கரி தரத் தன்மையில் பிரச்சனையின் காரணமாக (ஈரமான நிலக்கரி) மெகாவோல்ட் 260 மாத்திரம் அமுல்படுத்தப்பட்டு இருந்தமைக்கு குறிப்புக்கள் இடப்பட்டிருந்ததுடன் ஏனைய சந்தர்ப்பங்களிற்காக நிலக்கரி தரத் தன்மை பிரச்சனை ஒன்று காரணமாக இருந்ததற்கான குறிப்புக்கள் அவதானிக்கப்படவில்லை. **(இணைப்பு 78 a)**

**5.5.4.1.2 2020 – 2025 காலப் பகுதியின் போது மின் நிலையத்தின் அலகு இலக்கம் 02 இனால் பயன்படுத்தப்பட்ட நிலக்கரி இருப்பின் அடிப்படையில் அதன் செயலாற்றல்.**

(i) 2020 முதல் 2025 வரையான 06 வருடம் அதாவது 2,198 நாட்கள் காலப் பகுதியின் போது அலகு இலக்கம் 02 இல் 1,798 நாட்கள் மின்சாரம் உற்பத்தி செய்வதற்காக செயற்படுத்தப்பட்டிருந்ததுடன் 1,798 நாட்களில் மின்சாரம் உற்பத்தி செய்யும் போது பயன்படுத்தப்பட்ட சராசரி நிலக்கரி அளவு / விகிதம் கிலோ வோல்ட் மணித்தியாலம் ஒன்றிற்கு நிலக்கரி குரோம் 368 ஆக இருந்தமை இனங்காண முடியுமாக இருந்தது. சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பீடு செய்யும் போது அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்து இருந்த சந்தர்ப்பங்கள் பின்வரும் அட்டவணையில் காண்பிக்கப்படுகின்றது. **(இணைப்பு 79)**

**அட்டவணை இலக்கம் 19 2020 – 2025 காலப் பகுதியின் போது மின் நிலையத்தின் அலகு இலக்கம் 02 இனால் பயன்படுத்தப்பட்ட நிலக்கரி இருப்பின் அடிப்படையில் அதன் செயலாற்றல்.**

| நாளாந்த சராசரி இயலளவு | பல்வேறு நாளாந்த சராசரி நிலக்கரி நுகர்வு விகிதம் (குரோம்) இன் கீழ் மின்சாரம் உற்பத்தி செய்யப்பட்ட நாட்களின் எண்ணிக்கை | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **< 368** | **368 - 380** | **380 - 390** | **390 - 400** | **400 - 410** | **410 - 420** | **420 - 430** | **>430** | **மொத்த நாட்களின் எண்ணிக்** |
| 300>250 | 906 | 589 | 68 | 10 | 2 | 0 | 1 | 0 | 1576 |
| 250>200 | 26 | 46 | 58 | 14 | 0 | 1 | 0 | 0 | 145 |
| 200>150 | 2 | 8 | 24 | 10 | 4 | 0 | 0 | 1 | 49 |
| 150>100 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 7 |
| 100>50 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| 50>0 | 13 | 1 | | | 0 | 0 | 0 | 1 | 15 |
| **மொத்த நாட்களின் எண்ணிக்** | **952** | **648** | **152** | **36** | **6** | **1** | **1** | **2** | **1798** |

(ii) மேற்கூறப்பட்ட 1,798 நாட்கள் காலப் பகுதியின் போது அலகினை வலுப்படுத்துவதற்கு அல்லது ஏனைய செயற்பாடுகளுக்காக சில நாட்களின் போது டீசல் பயன்படுத்தப்பட்டதுடன் அந்த டீசல் நுகர்வு செய்யப்பட்ட தினங்களின் போது நாளாந்த நிலக்கரி பயன்பாட்டு விகிதத்தின் பரவல் கீழே உள்ள அட்டவணையில் காண்பிக்கப்படுகின்றது.

**அட்டவணை இலக்கம் 20 டீசல் பயன்படுத்தப்பட்ட தினங்களின் போது நாளந்த நிலக்கரி பயன்பாட்டு விகிதத்தின் கையாளல்**

| நாளாந்த சராசரி இயலளவு | டீசல் பயன்படுத்தப்பட்ட தினங்களின் போது பல்வேறு நாளந்த சராசரி நிலக்கரி நுகர்வு விகிதம் (குரோம்) இன் கீழ் மின்சாரம் உற்பத்தி செய்யப்பட்ட நாட்களின் எண்ணிக்கை | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | டீசல் மெ. தொ | < 368 | 368 - 380 | 380 - 390 | 390 - 400 | 400 - 410 | 410 - 420 | 420 - 430 | >430 | மொத்த நாட்களின் எண்ணிக்கை |
| 300>250 | 0.01-21.10 | 95 | 50 | 3 | 2 | 0 | 0 | 0 | 0 | 150 |
| 250>200 | 0.02-61.10 | 5 | 8 | 7 | 2 | 0 | 0 | 0 | 0 | 22 |
| 200>150 | 0.02-57.55 | 0 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 8 |
| 150>100 | 13.10-115.78 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| 100>50 | 8.47-121.99 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| 50>0 | 6.62-208.85 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15 |
| **மொத்த நாட்களின் எண்ணிக்கை** | | **117** | **65** | **15** | **8** | **1** | **0** | **0** | **1** | **207** |

(iii) மேற்கூறப்பட்ட அட்டவணையின் பிரகாரம் சாராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பீடு செய்யும் போது அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்து இருந்த சந்தர்ப்பங்களுக்காக அந்த காலப் பகுதியின் போது இறக்குமதி செய்யப்பட்ட இருப்புக்களின் தரத் தன்மை குறைவடைந்தமை காரணமாக இருந்ததா எனவும், நிலக்கரிகளின் தரத் தன்மை குறைவடைந்ததன் காரணமாக மெகா வோல்ட் 300 இயலளவை உடைய அலகினை செயற்படுத்த முடியாது இருந்ததா என பரீட்சிப்பதற்காக அந்த காலப் பகுதிக்குரிய அலகு இலக்கம் 02 இன் மின் நிலையத்தின் பிரதான கட்டுப்பாட்டு பிரிவின் செயற்பாட்டு உத்தியோகத்தரால் அந்த பிரிவிற்கு உரியதாக பராமரித்துச் செல்லப்படுகின்ற சம்பவத் திரட்டுப் புத்தகம் பரீட்சிக்கப்பட்டது. அந்த சம்பவத் திரட்டு புத்தகத்தின் போது அந்த முரண்களுக்காக அந்த காலப் பகுதியின் போது இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புக்களின் தரத் தன்மை குறைவடைந்தமைக்கான காரணமாக இருந்தமை அல்லது மற்றும் நிலக்கரிகளின் தரத் தன்மை குறைவடைந்தமைக்கான காரணத்தால் மெகாவோல்ட் 300 இயலளவும் அலகினை செயற்படுத்துவதற்கு முடியாது இருந்தமைக்கான எந்த ஒரு குறிப்பையும் இனங்காண்பதற்கு முடியாது இருந்தது.

(iv) சராசரி நிலக்கரி நுகர்வு விகிதத்தை ஒப்பீடு செய்யும் போது அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்து இருந்த சந்தர்ப்பங்களுக்காக அந்த காலப் பகுதியின் போது இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புக்களின் தரத்தன்மை குறைவடைந்தமை காரணமாக இருந்ததா எனவும் மற்றும் நிலக்கரிகளின் தரத் தன்மை குறைவடைந்ததன் காரணமாக மெகாவோல்ட் 300 இயலளவில் அலகை செயற்படுத்துவதற்கு

முடியாது இருந்தததா என்பதை பரீட்சிப்பதற்காக 2025 ஆம் ஆண்டிற்கு உரிய அனுப்புதல் பிரிவின் முறைமை கட்டுப்பாட்டுப் பிரிவினால் நாளாந்தம் தயாரிக்கப்படுகின்ற மின்வலு முறைமை அறிக்கை பரீட்சிக்கப்பட்டதுடன் அந்த அறிக்கைகளில் இரவு நேரங்களில் செயலிழந்த காலப் பகுதியின் போது மின் நிலையத்தின் ஒவ்வொரு பிரிவிலும் மின்வலு முறைமைக்கு பெற்றுக் கொள்ளக் கூடிய இயலளவு (துணை மின்வலு நுகர்வு குறைக்கப்பட்ட பின்னர்) அதாவது மெகாவோல்ட் 270 இயலளவில் அந்த பிரிவுகளை அமுல்படுத்தப்பட்ட இயலளவு மற்றும் அதற்குரிய குறிப்புக்களில் காண்பிக்கப்படுகின்றது. அதன் பிரகாரம் அலகு இலக்கம் 02 இற்குரிய 2025 ஆம் ஆண்டின் போது சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பீடு செய்யும் போது அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்து இருந்த சந்தர்ப்பங்கள் / 99 நாட்களுக்கு இடையே இர வுசெயலிழந்த காலப் பகுதியின் போது மொத்த இயலளவு அல்லது அதிகரித்த அதாவது மெகாவோல்ட் 270 அல்லது அதற்கு மேற்பட்ட இயலளவை உடைய 58 நாட்கள் அமுல்படுத்தப்பட்டதுடன் மெகாவோல்ட் 260 - 269 இற்கு இடையே இயலளவை உடைய 10 நாட்களும், மெகாவோல்ட் 201 - 257 இற்கு இடையே இயலளவை உடைய 11 நாட்களும், மெகாவோல்ட் 156 -199 இற்கு இடையே இயலளவை உடைய 20 நாட்களும் செயற்படுத்தப்பட்டிருந்தது. இந்த எந்த ஒரு சந்தர்ப்பங்களுக்காகவும் நிலக்கரி தரத்தன்மையின் பிரச்சனைகளின் காரணமாக ஏற்பட்டமைக்கான குறிப்புக்கள் அவதானிக்கப்படவில்லை. **(இணைப்பு 79 a)**

### 5.5.4.1.3 2020 – 2025 காலப்பகுதிக்குள் மின்நிலையத்தின் அலகு 03 இனால் பயன்படுத்தப்பட்ட நிலக்கரி இருப்பின் மீதான அதன் செயலாற்றல்

(i) 2020 முதல் 2025 ஆம் ஆண்டு வரையான 06 ஆண்டுகள் அல்லது 2,198 நாட்கள் கொண்ட காலப்பகுதிக்குள், அலகு 03 ஆனது 1,748 நாட்களுக்கு மின் உற்பத்திக்காக இயக்கப்பட்டிருந்ததுடன், அந்த 1,748 நாட்களில் மின் உற்பத்தியின் போது நுகரப்பட்ட சராசரி நிலக்கரி அளவு/வீதமானது ஒரு கிலோவாட் மணித்தியாலமொன்றுக்கு 369 கிராம் நிலக்கரி என இனங்காண முடிந்தது. சராசரி நிலக்கரி நுகர்வு வீதத்துடன் ஒப்பிடுகையில், அந்த வீதத்தை விட நாளாந்த நிலக்கரி நுகர்வு வீதம் அதிகரித்திருந்த சந்தர்ப்பங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன. **(இணைப்பு 80)**

**அட்டவணை இலக்கம் : 21 2020 – 2025 காலப்பகுதிக்குள் மின்நிலையத்தின் அலகு 03 இனால் பயன்படுத்தப்பட்ட நிலக்கரி இருப்பின் மீதான அதன் செயலாற்றல்**

| நாளாந்த சராசரி இயலளவு | பல்வேறு நாளாந்த சராசரி நிலக்கரி நுகர்வு வீதங்களின் கீழ் (கிராம்) மின் உற்பத்தி செய்யப்பட்ட நாட்களின் எண்ணிக்கை | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | < 369 | 369 - 380 | 380 - 390 | 390 - 400 | 400 - 410 | 410 - 420 | 420 - 430 | >430 | மொத்த நாட்களின் எண்ணிக்கை |
| 300>250 | 882 | 438 | 59 | 4 | 0 | 0 | 0 | 0 | 1383 |
| 250>200 | 30 | 94 | 110 | 53 | 6 | 0 | 0 | 2 | 295 |
| 200>150 | 3 | 12 | 9 | 12 | 4 | 0 | 0 | 0 | 40 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 150>100 | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 9 |
| 100>50 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 5 |
| 50>0 | 9 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 16 |
| மொத்த நாட்களின் எண்ணிக்கை | **928** | **550** | **182** | **71** | **12** | **0** | **1** | **4** | **1748** |

(ii) மேற்குறிப்பிட்ட 1748 நாட்கள் காலப்பகுதியில், அலகினை இயக்குவதற்கோ அல்லது ஏனைய செயற்பாடுகளுக்கோ சில நாட்களில் டீசல் நுகரப்பட்டதுடன், டீசல் நுகரப்பட்ட நாட்களில் நாளாந்த நிலக்கரி நுகர்வு வீதத்தின் நடத்தையானது பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம் : 22 டீசல் நுகரப்பட்ட நாட்களில் நாளாந்த நிலக்கரி நுகர்வு வீதத்தின் நடத்தை**

| **நாளாந்த சராசரி இயலளவு** | **டீசல் பயன்படுத்தப்பட்ட நாட்களில் பல்வேறு நாளாந்த சராசரி நிலக்கரி நுகர்வு விகிதங்களின் (கிராம்) கீழ் மின்சாரம் உற்பத்தி செய்யப்பட்ட நாட்களின் எண்ணிக்கை** | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **டீசல் மெ.தொ.** | **< 369** | **369 - 380** | **380 - 390** | **390 - 400** | **400 - 410** | **410 - 420** | **420 - 430** | **>430** | **மொத்த நாட்களின் எண்ணிக்கை** |
| 300>250 | 0.02-42.91 | 86 | 50 | 5 | 0 | 0 | 0 | 0 | 0 | 141 |
| 250>200 | 0.02-75.46 | 9 | 12 | 12 | 8 | 0 | 0 | 0 | 0 | 41 |
| 200>150 | 11.30-157.97 | 3 | 5 | 3 | 3 | 1 | 0 | 0 | 0 | 15 |
| 150>100 | 3.82-114.50 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 6 |
| 100>50 | 12.14-172.75 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 5 |
| 50>0 | 5.23-155.18 | 9 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 16 |
| **மொத்த நாட்களின் எண்ணிக்கை** | | **110** | **72** | **23** | **13** | **3** | **0** | **1** | **2** | **224** |

(iii) மேற்குறிப்பிட்ட அட்டவணைகளின்படி, சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பிடுகையில், அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்திருந்த சந்தர்ப்பங்களுக்கு, அக்காலப்பகுதியில் இறக்குமதி செய்யப்பட்ட நிலக்கரித் தொகுதிகளின் தரக்குறைபாடு ஏதுவாயிருந்ததா என்பது குறித்தும் மற்றும் நிலக்கரியின் தரக்குறைபாட்டினால் 300 மெகாவாட் இயலளவிலேயே அலகினை இயக்க முடியாமல் போயுள்ளதா என்பது குறித்தும் பரிசோதிப்பதற்காக, அந்த காலப்பகுதிக்குரிய அலகு இலக்கம் 03 இன் பிரதான கட்டுப்பாட்டுப் பிரிவின் செயற்பாட்டு உத்தியோகத்தர்களினால் அவ்வலகு தொடர்பாகப் பேணப்பட்டு வரும் தினக்குறிப்பேடுகள் பரிசோதிக்கப்பட்டன. அந்த தினக்குறிப்பேடுகளின்படி, அவ்வேறுபாடுகளுக்கு அக்காலப்பகுதியில் இறக்குமதி செய்யப்பட்ட நிலக்கரித் தொகுதிகளின் தரக்குறைபாடு காரணமாக அமைந்திருந்தமைக்கோ அல்லது / மற்றும் நிலக்கரியின் தரக்குறைபாட்டினால் 300 மெகாவாட் இயலளவிலேயே அலகினை இயக்க முடியாமல் போயிருந்தமைக்கோ குறிப்பொன்றைக் கண்டறிய முடியவில்லை

**5.5.4.2** சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பிடுகையில், அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்திருந்த சந்தர்ப்பங்களுக்கு அக்காலப்பகுதியில் இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்பில் தரக்குறைபாடு காரணியாக அமைந்ததா என்பது மற்றும் நிலக்கரியின் தரக்குறைபாட்டினால் 300 மெகாவாட் இயலளவில் அலகினை இயக்க முடியாமல் போயுள்ளதா என்பது குறித்தும் பரிசோதிப்பதற்காக, 2025 ஆம் ஆண்டிற்குரியதாக நிலைமாற்றல் பிரிவின் தொகுதி கட்டுப்பாட்டுப் பிரிவினால் நாளாந்தம் தயாரிக்கப்படும் மின்சக்தி கட்டமைப்பு அறிக்கைகள் பரிசோதிக்கப்பட்டதுடன், அந்த அறிக்கைகளில், இரவு நேர உச்சப்பயன்பாட்டு காலப்பகுதியில் மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சக்தி கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய இயலளவின் (துணை மின் நுகர்வைக் கழித்த பின்) அதாவது, சுமார் 270 மெகாவாட் இயலளவில் அந்தந்த அலகுகள் இயங்கிய இயலளவு மற்றும் அது தொடர்பான குறிப்புகள் காணப்படுகின்றன. அதற்கமைய, அலகு இலக்கம் 03 தொடர்பாக 2025 ஆம் ஆண்டில் சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பிடுகையில் அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்திருந்த சந்தர்ப்பங்களில்/ 69 நாட்களில் இரவு நேர உச்சப்பயன்பாட்டு காலப்பகுதியில் முழுமையான இயலளவு அல்லது அதற்கு அதிகமான அதாவது 270 மெகாவாட் அல்லது அதற்கு மேற்பட்ட இயலளவில் 49 நாட்கள் இயங்கியிருந்ததுடன், 267 – 269 மெகாவாட்களுக்கு இடைப்பட்ட இயலளவில் 09 நாட்களும், 222 – 266 மெகாவாட்களுக்கு இடைப்பட்ட இயலளவில் 07 நாட்களும், 147 – 195 மெகாவாட்களுக்கு இடைப்பட்ட இயலளவில் 04 நாட்களும் இயங்கியிருந்தன. இந்த எந்தவொரு சந்தர்ப்பத்திலும் நிலக்கரியின் தரத்தில் ஏற்பட்ட பிரச்சினை காரணமாக அமைந்திருந்ததாக குறிப்பொன்று அவதானிக்கப்படவில்லை. (இணைப்பு 80 ய).

**5.5.4.2.1** எவ்வாறான போதிலும், மேற்குறிப்பிடப்பட்ட வேறுபாடுகளுக்குப் பின்வரும் விடயங்கள் காரணமாக அமைந்திருக்கக்கூடும் என லக்விஜய மின்நிலையத்தினால் கணக்காய்விற்கு எழுத்துமூலம் அறிவிக்கப்பட்டிருந்தது. (**இணைப்பு 81)**

அதற்கமைய, 2020-2025 காலப்பகுதியில் இடம்பெற்ற நிகழ்வுகளைக் கருத்திற் கொள்கையில், குறிப்பிட்ட நிலக்கரி நுகர்வு விகிதங்கள் சராசரி நுகர்வு விகிதத்தை விட அதிகரித்துச் சென்றமை தொடர்பான ஒட்டுமொத்த தொழில்நுட்ப நியாயப்படுத்தல் மற்றும் குறிப்பிட்ட நிலக்கரி நுகர்வு விகிதத்திற்காக அலகின் வெப்ப விகிதம், எரிப்புத் திறன், டர்பைன் செயற்பாடு, துணை மின் நுகர்வு மற்றும் இயக்க நிலைமைகள் என்பவற்றின் மூலம் நேரடியாகப் பாதிப்பு செலுத்தி, குறிப்பிட்ட நிலக்கரி நுகர்வு விகித அதிகரிப்பிற்கு வலுவான பங்களிப்பை வழங்கக்கூடிய காரணிகளாகப் பின்வரும் இயக்க மற்றும் உபகரணங்கள் சார்ந்த காரணிகள் இனங்காணப்பட்டிருந்தன.

**அ. இயலளவின் ஒரு பகுதியை இயக்குதல்**

பின்வரும் காரணங்களினால், தரப்படுத்தப்பட்ட இயலளவை விடக் குறைவாக உற்பத்தி அலகுகளை இயக்குவதானது வெப்ப வினைத்திறனை கணிசமாகக் குறைக்கின்றது என்பது.

i. நீராவிக் அளருருக்கள் குறைவடைதல்
ii. இயலளவின் ஒரு பகுதியை இயக்குகையில் அதிகவெப்ப விகிதம் - குறைந்த இயலளவின் போது குறைந்த வினைத்திறன்
iii. துணை மின் நுகர்வுச் சதவீதம் அதிகரித்தல்
iv. உகந்ததல்லாத எரிப்பு நிலைமைகள்

சூரிய சக்தி மற்றும் உச்சமற்ற காலப்பகுதிகளில் கேள்வி குறைவடைதல் காரணமாக, உற்பத்தி செய்யப்படும் ஒரு கிலோவாட் மணித்தியாலத்திற்கு அதிக நிலக்கரி நுகர்வை ஏற்படுத்தி, இயலளவின் ஒரு பகுதியை மாத்திரம் இயக்குதல்.

**ஆ. மழை நாட்களில் ஈரலிப்பான நிலக்கரியைப் பயன்படுத்துதல்**

நிலக்கரியில் நீரின் அளவு அதிகரிப்பதானது பின்வருவனவற்றிற்கு ஏதுவாவதாக அமையும்:

i. பயனுறு கலோரிப் பெறுமானம் (GCV) குறைவடைதல்.
ii. மறைவெப்ப இழப்புகள் அதிகரித்தல்.
iii. அரைக்கும் அலகுகளின் செயற்பாடு நலிவடைதல்.
iv. அதிக ஆரம்பக் காற்றுத் தேவைப்பாடு.
v. நிலக்கரியின் நிறையில் நீரின் அளவும் சேர்க்கப்படல்.

இது மின் உற்பத்தி அலகொன்றுக்குத் தேவையான நிலக்கரியின் திணிவை நேரடியாக அதிகரிக்கின்றது.

**இ. உயர் அழுத்த வெப்பமூட்டிகளைத் தவிர்த்தல் (Bypassing of High-Pressure Heaters)**

மீளுற்பத்திச் சுழற்சி வினைத்திறனுக்கு உயர் அழுத்த ஊட்டநீர் (Feedwater) வெப்பமூட்டிகள் அத்தியாவசியமானவை. உயர் அழுத்த வெப்பமூட்டிகளைத் தவிர்ப்பதன் காரணமாக,

(i) கொதிகலனுக்குள் நுழையும் ஊட்டநீர் வெப்பநிலை குறைவடைதல்.
(ii) கொதிகலன் வெப்ப உள்ளீடு தேவைப்பாடு அதிகரித்தல்.
(iii) விசையாழி வெப்ப விகிதம் அதிகரித்தல்.

இது ஒரு கிலோவாட் மணித்தியாலத்திற்கு தேவைப்படும் நிலக்கரியின் கிராம் அளவை கணிசமாக அதிகரிக்கிறது.

**ஈ. அலகுகளை இயக்குதல் மற்றும் மூடுதல்**

அலகுகளை இயக்குதல் மற்றும் மூடுதல் காரணமாக:

i. பற்றவைத்தல் (Ignition) மற்றும் நிலைப்படுத்துதலின் போது அதிக நிலக்கரி நுகர்வு ஏற்படல்.
ii. எண்ணெய் உதவியுடனான எரிப்பு (Oil support firing).
iii. வெப்பச் சுழற்சி இழப்புகள்.
iv. சுமை ஒத்திசைவாக்கத்தின் (Load synchronization) போது நீராவி வெளியேற்றப்படல்.
v. துணை மின்சக்தி அதிகரித்தல் (Auxiliary power spikes).
vi. கொண்டென்சர் வெற்றிடம் உகந்த மட்டத்தில் விருத்தியடையாதிருத்தல்.

அலகினை இயக்குவதற்கு முந்தைய காலப்பகுதி, இயக்குதல், நிறுத்துதல் மற்றும் நிறுத்திய பின்னரான காலப்பகுதிகளில் குறிப்பிடத்தக்களவு துணை நீராவி நுகரப்படுவதுடன், இந்த நீராவியும் இயங்கும் அலகிலிருந்தே பெற்றுக்கொள்ளப்படுகிறது. இதன் விளைவாக, இது குறிப்பிட்ட நிலக்கரி நுகர்வு விகிதத்திலும் பாதிப்பை ஏற்படுத்துகிறது.

**உ. சாம்பல் படிதல் மற்றும் சாம்பலை அகற்றுதல்**

வெப்பப் பரிமாற்ற மேற்பரப்புகளில் சாம்பல் படிவதற்கான ஏற்படும் பிரதான காரணங்கள்.

i. வெப்பப் பரிமாற்ற வினைத்திறன் குறைவடைதல் மற்றும் அதன் காரணமாக நிலக்கரி நுகர்வு விகிதம் அதிகரித்தல்.
ii. வெளியேறும் புகை வாயுவின் வெப்பநிலை அதிகரித்தல் (வெப்ப இழப்பு அதிகரித்தல்).
iii. அதிகப்படியான உபரி காற்றுத் தேவைப்பாடு.

சாம்பலை அகற்றும் இயந்திரங்கள் செயலிழப்பது இந்நிலைமையை மேலும் மோசமாக்குவதுடன் நிலக்கரி நுகர்வையும் அதிகரிக்கச் செய்கிறது.

அகற்றும் கட்டமைப்பிற்கும் கொதிகலனின் நீராவியே பயன்படுத்தப்படுவதுடன், இதுவும் நிலக்கரி நுகர்வு விகிதம் அதிகரிப்பதற்கு ஒரு காரணமாக அமைகிறது. பொதுவாக சாம்பல் அகற்றும் செயல்முறையானது வாரத்திற்கு மூன்று தடவைகள் மேற்கொள்ளப்படுகிறது.

### ஊ. நீராவி கசிவுகள்

நீராவி கசிவுகள் ஏற்படும் சந்தர்ப்பங்களில், அவசியமான திருத்த வேலைகளை மேற்கொள்வதற்காக அலகினை செயலிழக்கச் செய்வது மிகவும் பொருத்தமானதாகும். எவ்வாறாயினும், அலகினை நிறுத்துவதாலும் மீண்டும் இயக்குவதாலும் ஏற்படும் சக்தி இழப்புச் செலவுகளைக் கருத்திற்கொண்டு, தேவையான அனைத்து பாதுகாப்பு நடவடிக்கைகளையும் பின்பற்றி நீராவி கசிவுகளுடன் அலகு இயக்கப்படுகிறது. இந்த நடைமுறையானது அலகின் ஒட்டுமொத்த செயலாற்றல் குறைவதற்கும் காரணமாகின்றது.

நீராவி கசிவுகளுடன் மின்நிலையத்தை இயக்குவதன் காரணமாக:

i. நேரடி சக்தி இழப்பு ஏற்படல்.
ii. டர்பயினின் வினைத்திறன் குறைவடைதல்.
iii. இயலளவைப் பேணுவதற்காக கொதிகலனின் எரிப்பு விகிதத்தை அதிகரித்தல்.

இவை குறிப்பிட்ட நிலக்கரி நுகர்வு அதிகரிப்பதற்கு வழிவகுக்கின்றன.

### எ. கன்டென்சரினுள் வெற்றிடத் தன்மை குறைவடைதல்

கன்டர்சனின் வெற்றிடத் தன்மை பின்வரும் காரணங்களால் குறைவடைகின்றது:

i. சூழலுடன் குளிர்விக்கும் நீரின் வெப்பநிலை அதிகரித்தல்.
ii. மின்தேக்கி குழாய்கள் அழுக்கடைதல்.
iii. சுழற்சி நீர்ப்பம்பியின் செயற்திறனின்மை.
iv. மின்தேக்கியினுள் காற்று உட்புகுதல்.

அதிகப்படியான பின்னழுத்தம் டர்பயினின் வெளியீட்டைக் குறைப்பதுடன், வெப்ப விகிதத்தை அதிகரிக்கச் செய்கிறது.

### ஏ. வளி முன்வெப்பமூட்டியின் (APH) கசிவுகள் மற்றும் அடைப்புகள்

APH கசிவுகள் மற்றும் அடைப்புகள் ஏற்படுவதற்கு பின்வருவன காரணமாகின்றன:
i. வாயு வெப்ப நிலை அதிகரித்தல்
ii. வெப்ப மீளப் பெறுகை இழப்பு
iii. மின்விசிறிகளின மின் நுகர்வு அதிகரித்தல்
iv. தகன வளி வெப்ப நிலையைக் குறைத்தல்
v. வளிப் பாய்ச்சல் குறைவடைதல்

இது கொதிகலன் வினைத்திறனைக் குறைப்பதுடன் நிலக்கரி நுகர்வை அதிகரிக்கின்றது.

### ஐ. தரவுப் பிரித்தெடுப்பதில் உள்ள சிக்கல்கள்

பொதுவாக, நிலக்கரி நுகர்வுத் தரவுகள் கட்டுப்பாட்டு கட்டமைப்பின் இடைமுகத்திலிருந்து நேரடியாகப் பிரித்தெடுக்கப்படுவதால் அத்தரவுகள் துல்லியமானவையாகக் காணப்படுகின்றன. எவ்வாறாயினும், எரிசக்தி வாசிப்புகள் ஒரு இயக்குனரினால் நள்ளிரவு 12:00 மணிக்குக் குறிக்கப்பட வேண்டும். எரிசக்தி மானிகள் வெவ்வேறு இடங்களில் அமைந்துள்ளதால்,

வாசிப்புகளைச் சேகரிப்பதற்காக இயக்குனர் அலகுகளுக்கிடையே பயணிக்க வேண்டியுள்ளது. எனவே, இச்செயன்முறையானது பதியப்பட்ட தரவுகளின் துல்லியத்தன்மையில் செல்வாக்குச் செலுத்தக்கூடும்.
இது கணிக்கப்பட்ட குறிப்பிட்ட நிலக்கரி நுகர்வு வீதத்தில் விலகல்கள் ஏற்படுவதற்கு காரணமாகின்றது.

**ஒ. மேலே குறிப்பிட்ட காரணிகள் கூட்டாகப் பின்வருவனவற்றிற்கு பங்களிக்கின்றன:**

i. வெப்ப வீதம் அதிகரித்தல்.
ii. கொதிகலன் - சுழலிச் சக்கர வினைத்திறன் குறைவடைதல்.
iii. துணை மின் நுகர்வு அதிகரித்தல்.

இறுதியாக, இத்தாக்கங்கள் குறிப்பிட்ட நிலக்கரி நுகர்வின் அதிகரிப்பாகப் பிரதிபலிக்கின்றன.

### 5.5.4.3 2020 – 2025 காலப்பகுதியில் மின்நிலையத்தின் ஒவ்வொரு அலகினாலும் பயன்படுத்தப்பட்ட நிலக்கரி இருப்புகளின் செயலாற்றத்தின் மீதான தாக்கங்களை கணிப்பிடுதல்

மேற்குறிப்பிட்ட காலப்பகுதியில் லக்விஜய மின்நிலையத்தின் சராசரி நிலக்கரி நுகர்வு வீதத்துடன் ஒப்பிடுகையில், அந்த வீதத்தை விடத் நாளாந்த நிலக்கரி நுகர்வு வீதம் அதிகரித்திருந்த சந்தர்ப்பங்களுக்கு, அக்காலப்பகுதியில் இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புகளின் தரக்குறைபாடு காரணமாக இருந்திருப்பின் மற்றும்/அல்லது நிலக்கரியின் தரக்குறைபாடு காரணமாக 300 மெகாவாட் முழுத் இயலளவிலும் அலகினை இயக்க முடியாமல் போயிருப்பின், அதன் மீது நிலக்கரி மேலதிக நுகர்வினால் ஏற்படக்கூடிய நட்டம் மற்றும்/அல்லது முழுத் இயலளவை பூர்த்தி செய்ய முடியாமல் போனமையால், ஏனைய மூலங்களிலிருந்து மேலதிகமாக பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட வலுச்சக்தியின அளவினை கணிப்பிடுதல் மாத்திரமே இந்த விசேட கணக்காய்வில் மேற்கொள்ளப்பட்டது என்பதால் மற்றும் அத்தகைய வேறுபாடுகளுக்கு அக்காலப்பகுதியில் இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புகளின் தரக்குறைபாடு காரணமாக இருந்ததென்பதோ அல்லது/மற்றும் நிலக்கரியின் தரக்குறைபாடு காரணமாக 300 மெகாவாட் முழுத் இயலளவிலும் அலகினை இயக்க முடியாமல் போயிருந்தாக அவதானிக்கப்படாததால், அந்தக் கணிப்பீடுகள் மேற்கொள்ளப்படவில்லை.

### 5.5.5 2025/2026 காலப்பகுதிக்கு உரியதாக இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புகளின் நியமங்களை பகுப்பாய்வு செய்தல்

**5.5.5.1** மேலே 5,4,3,2,2 xxv ஆம் பந்தியில் காட்டப்பட்டுள்ளவாறு, 2025/2026 காலப்பகுதிக்காக 1.5 மில்லியன் மெட்ரிக் தொன் MMT±10% நிலக்கரியை வழங்குவதற்காகத் தெரிவு செய்யப்பட்ட இந்திய கம்பனியான Trident Chemphar Limited கம்பனியால், 2026 பெப்ரவரி 17 ஆம் திகதியாகும்போது 09 நிலக்கரி கப்பல்கள் பின்வருமாறு மின்நிலையத்திற்கு விநியோகிக்கப்பட்டுள்ளன.

**அட்டவணை இலக்கம் 23 : 2025/2026 ஆம் ஆண்டு வரை இறக்குமதி செய்யப்பட்ட நிலக்கரி அளவுகள்**

| கப்பல் தடவை | கப்பலின் பெயர் | அளவு (மெ.தொன்) |
|---|---|---|
| 456 | CEYLON BREEZE | 59,831.701 |
| 457 | GUANGZHOU | 60,639.979 |
| 458 | XIN HONG BAO SHI | 54,242.720 |

| | | |
|---|---|---|
| 459 | CEYLON PRINCES | 61,285.905 |
| 460 | UNICORN | 54,074.873 |
| 461 | LEYLA AKSOY | 59,174.664 |
| 462 | CANON | 56,007.662 |
| 463 | NS GUANGZHOU | 60,320.087 |
| 464 | CEYLON BREEZE | 60,415.173 |

**5.5.5.2 2025/2026 காலப்பகுதிக்காக ஏற்றுகை துறைமுகத்தில் பரிசோதகரை நியமித்தல்**

(i) மேலே அட்டவணை இலக்கம் 12 இல் காட்டப்பட்டுள்ள கப்பல் இருப்புகள் தொடர்பான அளவீடுகளுக்கு அமைவாக, அந்தந்த சந்தர்ப்பங்களில் மாதிரிகளைப் பரிசோதிக்கும் போது காணப்பட்ட நியமங்கள் கீழே தரப்பட்டுள்ளன. இந்த கொள்வனவின் போது ஏற்றுகை துறைமுகத்தில் (Loading Port) மாதிரிகளைப் பரிசோதிப்பதற்காக, ஒப்பந்தத்தின் 3.5.1.B பிரிவின் கீழ் விற்பனையாளரான Trident Chemphar Limited கம்பனியால் பெயரிடப்பட்டு அனுப்பப்பட்டிருந்த மூன்று பகுப்பாய்வாளர்களில் Mitra SK South Africa (Pty) Ltd நிறுவனத்திற்கு மாத்திரமே SANAS (South African National Accreditation System) ஆய்வுகூட வசதிகள் காணப்படுவதாக தென்னாப்பிரிக்காவிலுள்ள இலங்கை உயர் ஸ்தானிகரகத்தால் 2025 திசெம்பர் 08 அன்று உறுதிப்படுத்தப்பட்டிருந்தது **(இணைப்பு 82)**. எவ்வாறாயினும், இந்த ஆய்வுகூடத்திற்கு ஒப்பந்தத்தின் 5.3 பிரிவில் குறிப்பிடப்பட்டுள்ள அனைத்து அளவீடுகளுக்குமான அங்கீகார நிலையை கொண்டிருக்கவில்லை என அதாவது சாம்பல் உள்ளடக்கம் (Ash) மற்றும் ஆவியாகக்கூடிய திரவியங்கள் (Volatile Matter) ஆகியவற்றிற்கான ASTM (American Society for Testing and Materials) நியமங் காணப்படவில்லை என்பதால் அனைத்து அளவீடுகளையும் உள்ளடக்கும் வகையில் மற்றுமொரு ஆய்வுகூடத்தைப் பெயரிடுவது தொடர்பாக இலங்கை நிலக்கரி கம்பனியின் தலைவர், இலங்கை மின்சார சபை, லக்விஜய மின்நிலையத்தின் முகாமைத்துவம் மற்றும் விற்பனையாளர் ஆகிய அனைத்துத் தரப்பினரும் 2025 திசெம்பர் 12 ஆந் திகதி அன்று இணக்கப்பாட்டினை வெளியிட்டிருந்தனர் **(இணைப்பு 83)**. அதற்கமைய, விற்பனையாளரான Trident Chemphar Limited கம்பனியால் இந்தோனேசிய நிறுவனமான PT Mitra SK Analisa Testama Samarinda (Indonesia) பரிந்துரைக்கப்பட்டதுடன், அதன் அங்கீகார நிலை தொடர்பாக இந்தோனேசியாவிலுள்ள இலங்கைத் தூதரகத்தினால் 2025 திசெம்பர் 12 ஆந் திகதி அன்று சான்றுப்படுத்தப்பட்ட பின்னர், இதற்காக அந்த கம்பனியை தெரிவு செய்வதற்கு அன்றைய தினமே உடன்பாடு எட்டப்பட்டிருந்தது **(இணைப்பு 84)**.

(ii) மேலும், கம்பனியின் பொது முகாமையாளரினால் 2025 திசெம்பர் 23 ஆம் திகதி Trident Chemphar Limited கம்பனிக்கு அனுப்பப்பட்ட கடிதத்தின் மூலம், PT Mitra SK Analisa Testama Samarinda (Indonesia) கம்பனியின் அங்கீகாரச் சான்றிதழ் 2025 திசெம்பர் 29 ஆம் திகதியுடன் காலாவதியாகின்றது என்பதும், புதுப்பிக்கப்பட்ட அங்கீகாரச் சான்றிதழைச் சமர்ப்பிக்காமை ஒரு பொருண்மையான இணக்கமின்மையாக (Material Non-Compliance) இனங்காணப்பட்டிருந்தது **(இணைப்பு 85)**.

(iii) அதற்கமைய, Trident Chemphar Limited, லக்விஜய மின்நிலையத்தின் உத்தியோகத்தர்கள் மற்றும் கம்பனியின் முகாமைத்துவம் ஆகியோருக்கிடையே நடைபெற்ற இணையவழி கலந்துரையாடலின் படி, இறக்குமதி துறைமுகப் பரிசோதகரான Cotecna, India கம்பனியிடமிருந்து இறுதி கடப்பாட்டுக்கு உள்ளாகும் அறிக்கைகளைப் பெற்றுக்கொள்வதன் அடிப்படையில், ஏற்றுகைத் துறைமுகப் பரிசோதனை அறிக்கைகளை PT Mitra SK Analisa Testama Samarinda (Indonesia) கம்பனியிடமிருந்து பெற்றுக்கொள்வதற்கு நிபந்தனையுடனான தீர்மானம் எடுக்கப்பட்டிருந்தது.

"Subsequent to the online meeting held among trident, Lakvijaya Power Plant (LVPP) officials, and LCC Management, a conditional decision was made to proceed with PT Mitra

SK Analisa Testama Samarinda(Indonesia) for load port coal testing, strictly on the basis that the final and binding analysis shall be conducted at the discharge port by Cotecna, India."

(iv) மேலும், Trident Chemphar Limited நிறுவனத்திற்கு பின்வரும் கட்டளைகள் வழங்கப்பட்டுள்ளன:

(அ) பின்வரும் சான்றிதழ்கள் உள்ளடங்களாக அனைத்துச் சான்றிதழ்களும் ஆவணங்களும் Mitra SK South Africa (Pty) Ltd நிறுவனத்தினால் மாத்திரமே வெளியிடப்பட வேண்டும் என அறிவிக்கப்பட்டுள்ளது.

- கப்பல் நிறை அளவீட்டு அறிக்கைகள் (Draft Survey Reports)
- நிறைப்பற்றிய சான்றிதழ் (Certificate of Weight)
- நிலக்கரி மாதிரி அறிக்கைகள் (Coal Sampling Reports)
- Hold Clearance சான்றிதழ்
- உற்பத்தி நாடு பற்றிய சான்றிதழ் (Certificate of Origin)

(ஆ) அனைத்துத் நியமங்களையும் கடைப்பிடித்து, நிலக்கரிப் பரிசோதனையானது Mitra SK Analisa Testama Samarinda (Indonesia) கம்பனியால் மாத்திரமே முன்னெடுக்கப்பட வேண்டும் என்பது.

(இ) பின்வரும் ஆவணங்கள் உடனடியாகச் சமர்ப்பிக்கப்பட வேண்டும் என்பது

- செல்லுபடியாகும் புதுப்பிக்கப்பட்ட அங்கீகாரச் சான்றிதழ்
- இரண்டாவது மாதிரி தொடர்பான முழுமையான விபரங்கள்
- அனுப்பப்பட்ட மாதிரிகளுக்கான முழுமையான மற்றும் தொடர் அறிக்கைகள்

(v) மேலும், கொள்வனவாளரால் இறக்குமதி துறைமுகத்தில் இந்த மாதிரிகளைப் பரிசோதிப்பதற்காக இந்திய கம்பனியொன்றான Cotecna Inspection India (Pvt) Ltd நியமிக்கப்பட்டிருந்தது. அதற்கமைய, 2025/2026 காலப்பகுதிக்குத் தொடர்புடையதாக ஏற்றுகை துறைமுகத்திலும் இறக்குமதி துறைமுகத்திலும் வழங்கப்பட்ட அறிக்கைகள் பற்றிய விபரங்கள் கீழே தரப்பட்டுள்ளன.

**அட்டவணை இலக்கம் 24: கப்பல் இலக்கம் 456 - 467 வரையான காலப்பகுதியில் ஏற்றுகை துறைமுகத்திலும் இறக்குமதி துறைமுகத்திலும் வழங்கப்பட்ட அறிக்கைகள் பற்றிய விபரங்கள்**

| Shipment No.as per the LCC | Vessel | BL Date | Load Port Quality Report Date (MK) | No of Delay days | Actual Arrival Date (vessel) | D.C.Date | Discharge Port Quality Report Date (Cotecna) | No of Delay days |
|---|---|---|---|---|---|---|---|---|
| 456 | Ceylon Breeze | 14-Dec-25 | 31-Dec-25 | 11 | 30-Dec-25 | 4-Jan-26 | 19-Jan-26 | 4 |
| 457 | NS Guangzhou | 21-Dec-25 | 29-Dec-25 | 2 | 4-Jan-26 | 9-Jan-26 | 19-Jan-26 | - |
| 458 | Xin Hong Bao Shi | 31-Dec-25 | 9-Jan-26 | 3 | 16-Jan-26 | 29-Jan-26 | 6-Feb-26 | - |
| 459 | Ceylon Princess | 6-Jan-26 | 19-Jan-26 | 7 | 21-Jan-26 | 31-Jan-26 | 10-Feb-26 | - |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 460 | Unicorn | 9-Jan-26 | 22-Jan-26 | 7 | 24-Jan-26 | 3-Feb-26 | 14-Feb-26 | - |
| 461 | Leyla Aksoy | 14-Jan-26 | 27-Jan-26 | 7 | 28-Jan-26 | 9-Feb-26 | 19-Feb-26 | - |
| 462 | Conon | 20-Jan-26 | 27-Jan-26 | 1 | 5-Feb-26 | 14-Feb-26 | 24-Feb-26 | - |
| 463 | NS Guangzhou | 26-Jan-26 | 5-Feb-26 | 4 | 13-Feb-26 | 19-Feb-26 | 2-Mar-26 | - |
| 464 | Ceylon Breeze | 29-Jan-26 | 5-Feb-26 | 1 | 13-Feb-26 | 24-Feb-26 | 10-Mar-26 | 3 |
| 465 | Mercury Sky | 1-Feb-26 | 11-Feb-26 | 4 | 16-Feb-26 | 1-Mar-26 | | |
| 466 | Yasa Mars | 14-Feb-26 | 25-Feb-26 | 5.00 | 1-Mar-26 | | | |
| 467 | Ultra Confidence | 24-Feb-26 | 6-Mar-26 | 4.00 | | | | |

இந்த இரண்டு துறைமுகங்களிலும் மற்றும் லக்விஜய மின்நிலையத்தின் ஆய்வுகூடத்தினுள் மேற்கொள்ளப்பட்ட பரிசோதனைகள் குறித்த விபரங்கள் கீழே தரப்பட்டுள்ளன.

**அட்டவணை இலக்கம் 25: மொத்த கலோரி பெறுமானத்தின் (Gross Calorific Value) அடிப்படையில் - அளவீட்டு அலகு: kcal/kg**

| கப்பல் தடவைகள் | அங்கீகரிக்கப்பட்ட பெறுமதிகள் (கிடைத்த அடிப்படையாக) | நிராகரிக்கத் தக்க பெறுமதி | ஏற்றுகை துறைமுக மாதிரிப் பரிசோதனை முடிவுகள் | இறக்குமதி துறைமுக மாதிரிப் பரிசோதனை முடிவுகள் | லக்விஜய மின்நிலைய ஆய்வுகூடப் பரிசோதனை முடிவுகள் |
|---|---|---|---|---|---|
| 456 | 6,150 | 5,900 விட குறைவான | 6053 | 5520 | 5,348 |
| 457 | | | 6193 | 6017 | 5420 |
| 458 | | | 5904 | 5928 | 4805 |
| 459 | | | 6174 | 6107 | 5355 |
| 460 | | | 6162 | 5951 | 5265 |
| 461 | | | 6160 | 5967 | 5116 |
| 462 | | | 6175 | 5973 | 4887 |
| 463 | | | 6158 | 5964 | 4582 |
| 464 | | | 6176 | 5543 | 4731 |

**அட்டவணை இலக்கம் 26: மொத்த ஈரப்பதம் - அளவீட்டு அலகு % wt**

| கப்பல் தடவைகள் | அங்கீகரிக்கப்பட்ட பெறுமதிகள் (கிடைத்த அடிப்படையாக) | நிராகரிக்கத் தக்க பெறுமதி | ஏற்றுகை துறைமுக மாதிரிப் பரிசோதனை முடிவுகள் | இறக்குமதி துறைமுக மாதிரிப் பரிசோதனை முடிவுகள் | லக்விஜய மின்நிலைய ஆய்வுகூடப் பரிசோதனை முடிவுகள் |
|---|---|---|---|---|---|
| 456 | 12.0 அல்லது குறைவு | 16 இனை விட | 7.8 | 8.48 | 8.50 |
| 457 | | | 7.04 | 7.94 | 7.79 |
| 458 | | | 7.94 | 8.06 | 7.99 |
| 459 | | | 7.15 | 7.55 | 8.21 |
| 460 | | | 7.20 | 7.55 | 7.71 |
| 461 | | | 8.47 | 8.10 | 6.76 |
| 462 | | | 8.65 | 8.50 | 7.82 |
| 463 | | | 9.03 | 7.84 | 7.51 |
| 464 | | | 7.11 | 8.27 | 6.85 |

**அட்டவணை இலக்கம் 27: ஆவியாகும் பதார்த்தம் (Volatile Matter) - அலகு % wt**

| கப்பல் தடவை | நியமப் பெறுமதிகள் (பெறப்பட்ட அடிப்படையில்) | நிராகரிக்கப் பட்ட பெறுமதி | ஏற்றும் துறைமுகத்தில் மேற்கொள்ளப்பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | இறக்கும் துறைமுகத்தில் மேற்கொள்ளப்பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | லக்விஜய மின்நிலைய ஆய்வுகூடத்தினால் மேற்கொள்ளப்பட்ட பரிசோதனை முடிவுகள் |
|---|---|---|---|---|---|
| 456 | 31 | 22 இனை விட குறைவான, 39.9 விட அதிகமான | 25.44 | 21.16 | 22.45 |
| 457 | | | 26.53 | 24.90 | 20.98 |
| 458 | | | 26.10 | 24.54 | 22.21 |
| 459 | | | 26.56 | 26.50 | 23.65 |
| 460 | | | 25.93 | 24.00 | 24.11 |
| 461 | | | 26.13 | 24.42 | 24.06 |
| 462 | | | 25.81 | 24.79 | 24.04 |
| 463 | | | 26.80 | 24.87 | 24.68 |
| 464 | | | 26.13 | 24.21 | 23.94 |

அட்டவணை இலக்கம் 28: நிலையான கார்பன் அளவீட்டு அலகு % wt

| கப்பல் தடவை | அளவீட்டு அலகு | நியமப் பெறுமதிகள் (பெறப்பட்ட அடிப்படையில்) | நிராகரிக்கப் பட்ட பெறுமதி | ஏற்றும் துறைமுகத்தில் மேற்கொள்ளப்பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | இறக்கும் துறைமுகத்தில் மேற்கொள்ளப்பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | லக்விஜய மின்நிலைய ஆய்வுகூடத்தினால் மேற்கொள்ளப்பட்ட பரிசோதனை முடிவுகள் |
|---|---|---|---|---|---|---|
| 456 | % wt | 49.5 | - | 56.22 | 49.84 | 49.04 |
| 457 | | | | 55.46 | 51.81 | 49.86 |
| 458 | | | | 53.45 | 51.87 | 44.31 |
| 459 | | | | 53.78 | 50.94 | 46.99 |
| 460 | | | | 53.09 | 52.77 | 46.41 |
| 461 | | | | 51.82 | 51.79 | 46.32 |
| 462 | | | | 52 | 50.99 | 41.05 |
| 463 | | | | 50.86 | 51.61 | 39.92 |
| 464 | | | | 53.10 | 44.42 | 41.87 |

அட்டவணை இலக்கம் 29: கந்தகத்தின் அளவு அளவீட்டு அலகு % wt

| கப்பல் தடவை | நியமப் பெறுமதிகள் (பெறப்பட்ட அடிப்படையில்) | நிராகரிக்கப் பட்ட பெறுமதி | ஏற்றும் துறைமுகத்தில் மேற்கொள்ளப்பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | இறக்கும் துறைமுகத்தில் மேற்கொள்ளப் பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | லக்விஜய மின்நிலைய ஆய்வுகூடத்தினால் மேற்கொள்ளப்பட்ட பரிசோதனை முடிவுகள் |
|---|---|---|---|---|---|
| 456 | 0.5 அல்லது குறைவான | 1 விட அதிகமான | 0.49 | 0.58 | 0.55 |
| 457 | | | 0.49 | 0.65 | 0.89 |
| 458 | | | 0.49 | 0.56 | 0.73 |
| 459 | | | 0.47 | 0.52 | 0.67 |
| 460 | | | 0.47 | 0.58 | 0.83 |
| 461 | | | 0.43 | 0.54 | 0.59 |
| 462 | | | 0.46 | 0.61 | 0.78 |
| 463 | | | 0.46 | 0.64 | 0.79 |
| 464 | | | 0.46 | 0.69 | 0.90 |

**அட்டவணை இலக்கம் 30 : சாம்பல் அளவு அளவீட்டு அலகு - % wt**

| கப்பல் தடவை | நியமப் பெறுமதிகள் (பெறப்பட்ட அடிப்படையில்) | நிராகரிக்கப் பட்ட பெறுமதி | ஏற்றும் துறைமுகத்தில் மேற்கொள்ளப்பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | இறக்கும் துறைமுகத்தில் மேற்கொள்ளப் பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | லக்விஜய மின்நிலைய ஆய்வுகூடத்தினால் மேற்கொள்ளப்பட்ட பரிசோதனை முடிவுகள் |
|---|---|---|---|---|---|
| 456 | 11.0 அல்லது குறைவான | 16 விட அதிகமான | 10.53 | 20.52 | 20.01 |
| 457 | | | 10.97 | 15.35 | 21.38 |
| 458 | | | 12.51 | 15.53 | 25.50 |
| 459 | | | 12.50 | 15.01 | 21.14 |
| 460 | | | 13.78 | 15.68 | 21.76 |
| 461 | | | 13.58 | 15.69 | 21.72 |
| 462 | | | 13.54 | 15.72 | 27.08 |
| 463 | | | 13.31 | 15.68 | 27.90 |
| 464 | | | 11.66 | 22.46 | 27.33 |

**அட்டவணை இலக்கம் 31 : ஹார்ட்குரோவ் அரைக்கும் திறன் சுட்டெண் (HGI) – அளவீட்டு அலகு oH**

| கப்பல் தடவை | நியமப் பெறுமதிகள் (பெறப்பட்ட அடிப்படையில்) | நிராகரிக்கப் பட்ட பெறுமதி | ஏற்றும் துறைமுகத்தில் மேற்கொள்ளப்பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | இறக்கும் துறைமுகத்தில் மேற்கொள்ளப் பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | லக்விஜய மின்நிலைய ஆய்வுகூடத்தினால் மேற்கொள்ளப்பட்ட பரிசோதனை முடிவுகள் |
|---|---|---|---|---|---|
| 456 | 50 | 40 விட குறைவான , 59 இனை விட அதிகமான | 51 | 58 | பரிசோதிக்கப்படவில்லை . |
| 457 | | | 52 | 55 | |
| 458 | | | 59 | 58 | |
| 459 | | | 53 | 56 | |
| 460 | | | 56 | 56 | |
| 461 | | | 51 | 56 | |
| 462 | | | 55 | 56 | |
| 463 | | | 54 | 58 | |
| 464 | | | 53 | 56 | |

**அட்டவணை இலக்கம் 32: துகள் அளவு (Grain Size) 50 மிமீ இற்கு மேல் - அளவீட்டு அலகு % wt**

| கப்பல் தடவை | நியமப் பெறுமதிகள் (பெறப்பட்ட அடிப்படையில்) | நிராகரிக்கப் பட்ட பெறுமதி | ஏற்றும் துறைமுகத்தில் மேற்கொள்ளப் பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | இறக்கும் துறைமுகத்தில் மேற்கொள்ளப் பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | லக்விஜய மின்நிலைய ஆய்வுகூடத்தினால் மேற்கொள்ளப்பட்ட பரிசோதனை முடிவுகள் |
|---|---|---|---|---|---|
| 456 | 3.0 அல்லது குறைவான | 5 இனை விட அதிகமான | 2.5 | 1.44 | பரிசோதிக்கப் படவில்லை. |
| 457 | | | 2.8 | 1.10 | |
| 458 | | | 1.9 | 1.17 | |
| 459 | | | 1.86 | 1.38 | |
| 460 | | | 1.82 | 0.76 | |
| 461 | | | 1.90 | 0.91 | |
| 462 | | | 1.92 | 0.91 | |
| 463 | | | 2.08 | 0.70 | |
| 464 | | | 1.54 | 0.90 | |

**அட்டவணை இலக்கம் 33: துகள் அளவு (Grain Size) 02 மிமீ இற்கு குறைவான - அளவீட்டு அலகு % wt**

| கப்பல் தடவை | நியமப் பெறுமதிகள் (பெறப்பட்ட அடிப்படையில்) | நிராகரிக்கப் பட்ட பெறுமதி | ஏற்றும் துறைமுகத்தில் மேற்கொள்ளப் பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | இறக்கும் துறைமுகத்தில் மேற்கொள்ளப்பட்ட மாதிரிப் பரிசோதனை முடிவுகள் | லக்விஜய மின்நிலைய ஆய்வுகூடத்தினால் மேற்கொள்ளப்பட்ட பரிசோதனை முடிவுகள் |
|---|---|---|---|---|---|
| 456 | 22.5 அல்லது குறைவான | 30 இனை விட அதிகமான | 22 | 25.10 | பரிசோதிக்கப் படவில்லை. |
| 457 | | | 22.3 | 24.13 | |
| 458 | | | 21.0 | 24.44 | |
| 459 | | | 17.2 | 24.89 | |
| 460 | | | 20.73 | 24.74 | |
| 461 | | | 18.76 | 24.66 | |
| 462 | | | 18.20 | 23.61 | |
| 463 | | | 19.27 | 24.86 | |
| 464 | | | 18.87 | 25.23 | |

**5.5.5.2.3 மேற்குறிப்பிட்ட 09 கப்பல் பயணங்களின் போது ஏதேனும் கப்பலொன்றில் கொண்டுவரப்பட்ட நிலக்கரி நிர்ணயிக்கப்பட்ட நியமங்களுக்கு அமைய இல்லையெனில் அதற்காக எடுக்கப்பட வேண்டிய நடவடிக்கைகள் மற்றும் அவ்வாறு நியமங்களுக்கு அமைய இல்லாததால் ஏற்படக்கூடிய விளைவுகள்**

2026 ஜனவரி மாதத்திலிருந்து லக்விஜய மின்நிலையத்தின் சராசரி நிலக்கரி நுகர்வு விகிதத்துடன் ஒப்பிடுகையில் (நிலக்கரி கப்பல் சரக்குத் தொகுதி இலக்கம் 407 முதல் 455 வரையிலான தொகுதிகளுக்குரிய சாதாரண நிலக்கரி நுகர்வு விகிதம் 375 கிராம் ஆகக்

காணப்பட்டது), அந்த விகிதத்தை விட நாளாந்த நிலக்கரி நுகர்வு விகிதம் அதிகரித்திருந்த சந்தர்ப்பங்களுக்கு புதிய இறக்குமதி செய்யப்பட்ட நிலக்கரித் தொகுதிகளின் தரக்குறைபாடு காரணியாக அமைந்திருப்பின் மற்றும்/அல்லது நிலக்கரியின் தரக்குறைபாட்டினால் 300 மெகாவாட் இயலளவிலேயே அலகினை இயக்க முடியாமல் போயிருப்பின், அதன் மூலம் நிலக்கரி மேலதிக நுகர்வினால் ஏற்படக்கூடிய இழப்பு மற்றும்/அல்லது முழுமையான இயலளவைப் பூர்த்தி செய்ய முடியாமல் போனமையால் மேலதிகமாக பெற்றுக்கொள்ள மதிப்பிடப்பட்ட வலுச்சக்தியின் அளவினை கணக்கிடுதல் மாத்திரமே இப்பகுதியில் மேற்கொள்ளப்படுகிறது. இதன்போது பின்வரும் நடைமுறை பின்பற்றப்படுகின்றது.

(அ) புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரித் இருப்பானது தரையிறக்கப்படும் போது, அவற்றில் ஒரு பகுதி நேரடியாக களஞ்சிய தொட்டிகளில் நிரப்பப்படுவதால், அவ்வாறு நிரப்பப்படும் நிலக்கரியைப் பயன்படுத்தி மின்சாரத்தை உற்பத்தி செய்வதற்கான சராசரி நுகர்வு விகிதத்தைப் பெற்றுக்கொள்ளுதல். (இது குறித்த கப்பல் சரக்கு இருப்புத் தொகுதியின் மொத்த அளவில் ஒரு சிறிய பகுதியாக இருக்கலாம்.)

(ஆ) கட்டமைப்புக் கட்டுப்பாட்டுப் பிரிவின் கோரிக்கைக்கு அமைவாக, மின்நிலையத்தின் முழுமையான இயலளவில் (300 மெகாவாட்) இயக்குவதற்குத் தேவையான சந்தர்ப்பங்களில், மேலே நிரப்பப்பட்ட நிலக்கரித் தொகுதிகளைப் பயன்படுத்துவதால் ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரியின் மெட்ரிக் தொன் அளவானது அதிகரிப்பதன் காரணமாக, மின்நிலையத்தை 300 மெகாவாட் இயலளவில் இயக்க முடியாமல் போன சந்தர்ப்பங்களில் மின்நிலையம் இயங்கிய சராசரி இயலளவைப் பெற்றுக்கொள்ளுதல்.

(இ) முழு இயலளவினை அடைந்துகொள்வதற்கு முடியாதிருந்தமையால் ஏற்படும் மேலதிகமாக பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட வலுச்சக்தியின் அளவினை கணிப்பிடுதல்

i. முதலாவது மாற்றுச் சந்தர்ப்பம்

கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவின் கோரிக்கைக்கு அமைவாக, மின்நிலையத்தை முழுமையான இயலளவை விடக் கணிசமான குறைந்த அளவில் இயக்குவதற்குத் தேவையான சந்தர்ப்பங்களில், மேலே நிரப்பப்பட்ட நிலக்கரி இருப்பினைப் பயன்படுத்தி அந்த இயலளவைப் பூர்த்தி செய்ய முடியும். அனைத்து சந்தர்ப்பங்களிலும் மின் நிலையத்தை முழுமையான இயலளவில் (300 மெகாவாட்) செயற்படுத்த நேரிடும் எனின், மின்நிலையத்தை முழுமையான இயலளவில் செயற்படுத்த முடியாமையால் ஏனைய மூலங்களிலிருந்து பெற்றுக்கொள்ள வேண்டிய மதிப்பிடப்பட்ட வலுச்சக்தியின அளவினைக் கணிப்பிடல் **01 ஆம் சந்தர்ப்பத்தின்** கீழ் மேற்கொள்ளப்படும்.

ii. இரண்டாவது மாற்றுச் சந்தர்ப்பம்

பகல் நேரங்களில் சூரிய மின்சக்தி காணப்படுவதால், கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் சாதாரண நிலைமைகளின் கீழ் தினசரி மு.ப 8.00 மணி முதல் பி.ப 4.00 மணி வரையான காலப்பகுதியில், மின்நிலையத்தின் முழு இயலளவை விடக் கணிசமான அளவு குறைந்த மட்டத்தில் மின்நிலையத்தை இயக்குமாறு கோரப்படுவதுடன், ஏனைய காலப்பகுதிகளில் மின்நிலையத்தை முழு இயலளவில் இயக்குமாறு கோரப்படுகின்றது. அதற்கமைய, ஒவ்வொரு நாளும் 16 மணித்தியாலங்களுக்கு மின்நிலையம் முழு இயலளவில் (300 மெகாவாட்) இயங்க வேண்டியிருப்பின், அக்காலப்பகுதியில் மின்நிலையத்தை முழு இயலளவில் இயக்க முடியாமல் போனமையால் ஏனைய மூலங்களின் ஊடாக மேலதிகமாகப் பெற்றுக்கொள்ள வேண்டிய மதிப்பீடு செய்யப்பட்ட மின்சக்தியின் அளவைக் கணிப்பிடுதல் **02 ஆம் சந்தர்ப்பத்தின்** கீழ் மேற்கொள்ளப்படுகின்றது **(இணைப்பு 85 a)**

(ஈ) மேற்குறிப்பிட்ட நிலக்கரி இருப்புகளைப் பயன்படுத்தி மின்நிலையத்தை முழு இயலளவில் இயக்க முடியாமல் போனமையால் ஏற்படும் மேலதிக மின்சக்தித் தேவையை வேறொரு மூலத்தின் ஊடாகப் பூர்த்தி செய்யும் போது, அந்த மின்சக்தித் தேவையை வெவ்வேறு செலவினங்களின் கீழ் நிலவுகின்ற பல்வேறு மூலங்கள் ஊடாகப் பூர்த்தி செய்வது குறித்து, கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் அந்தந்த சந்தர்ப்பங்களில் பெற்றுக்கொள்ளக்கூடிய மின்நிலைய இயலளவு மற்றும் அதற்காகச் செலவிட வேண்டிய செலவினங்களின் அடிப்படையில் தீர்மானிக்கப்படுகின்றது. எனவே, மேலே குறிப்பிடப்பட்டவாறு கணிப்பீடு செய்யப்படுகின்ற மேலதிகமாக வழங்கப்பட வேண்டிய மதிப்பீடு செய்யப்பட்ட மின்சக்தி அளவிற்காகச் செலுத்த வேண்டியிருக்கக்கூடிய மேலதி கிரயம் (நிலக்கரியைப் பயன்படுத்தி ஒரு கிலோவாட் மணித்தியால மின்சாரத்தை உற்பத்தி செய்வதற்கான செலவைக் கழித்த பின்னர் ஏற்படக்கூடிய செலவு மேலதிகச் செலவாகக் கருதப்படும்) கணிப்பிடுதல், அது தொடர்பான உண்மையான தகவல்கள் இன்மையால் இந்தச் சந்தர்ப்பத்தில் மேற்கொள்ளப்படவில்லை.

**(i) முதலாவது கப்பல் பயணத்தின் போது தரநிலைகளைப் பரிசோதித்தல் (கப்பல் சரக்குத் தொகுதி இலக்கம் 456/25-26/12)**

(அ) மேலே குறிப்பிட்ட 24, 26, 27, 29, 32 ஆகிய அட்டவணைகளின்படி, 5 அளவீடுகள் ஒப்பந்தத்தில் குறிப்பிடப்பட்டுள்ள நியமப் பெறுமதிகளை விட அதிகமாகக் காணப்பட்டதுடன், அவற்றில் 3 அளவீடுகள், அதாவது மொத்த கலோரிப் பெறுமதி, ஆவியாகும் பதார்த்தம் மற்றும் சாம்பல் என்பன நிராகரிக்கத்தக்க மட்டங்களுக்குள் காணப்பட்டன. அதற்கமைய, முதலாவது கப்பல் சரக்குத் தொகுதியிலிருந்து அறவிடப்பட வேண்டிய மொத்த தண்டப்பணம் ரூபா 644.7 மில்லியன் என லக்விஜய மின்நிலையத்தினால் கணக்கிடப்பட்டிருந்தது.

**அட்டவணை இலக்கம் 34: ஒப்பந்தத்தின் பிரகாரம் தண்டப்பணத்தைக் கணக்கிடுதல்**

| இலக்கம் | அளவீடு | விலகல் | தண்டப்பணம் (அமெரிக்க டொலர்) |
|---|---|---|---|
| 1 | மொத்த கலோரிப் பெறுமதி | (6150 – 5520) = 630 | 1,189,631.73 |
| 2 | ஆவியாகும் பதார்த்தம் | (25 - 21.16) = 3.84 | 101,638.41 |
| 3 | கந்தகம் | (0.58 - 0.5) = 0.08 | 16,306.71 |
| 4 | சாம்பல் | (20.52 – 11) = 9.52 | 639,564.40 |
| 5 | துகள் (Grain) அளவு 02 மிமீ இற்கு குறைவானது | (25.1 - 22.5) = 2.6 | 132,492.05 |
| **மொத்தம்** | | | **2,079,633.30** |
| **ரூபா பெறுமதி** | | | **644,686,323.83** |

(ஆ) 2025/2026 ஆம் ஆண்டிற்கான விநியோகத்தின் முதலாவது கப்பல் 2026 ஜனவரி 01 ஆம் திகதி முதல் 2026 ஜனவரி 06 ஆம் திகதி வரையிலான காலப்பகுதியில் தரையிறக்கப்பட்ட நிலக்கரி இருப்புத் தொகுதிகள் தரையிறக்கப்படும் போது அவற்றில் ஒரு பகுதி நேரடியாக களஞ்சிய தொட்டிகளில் நிரப்பப்படுவதால், 2026 ஜனவரி 01 மாலை முதல் 2026 ஜனவரி 05 மாலை வரையான காலப்பகுதியில் இயக்கத்திலிருந்த ஒரே அலகான மின்நிலைய அலகு இலக்கம் 03 இன் களஞ்சிய தொட்டிகளில் அண்ணளவாக 12,886 மெட்ரிக் தொன் நிலக்கரி நிரப்பப்பட்டிருந்தமை லக்விஜய மின்நிலையத்தின் எரிபொருள் கையாளுதல் (செயற்படுத்தல்) பிரிவிடமிருந்து பெறப்பட்ட தகவல்களின் மூலம் உறுதிப்படுத்தப்பட்டது. **(இணைப்பு 86)** இந்த நிலக்கரியின் மூலம் மாத்திரம் 2026 சனவரி 02 முதல் 2026 சனவரி 05 ஆந் திகதி வரை அலகு இலக்கம் 03 இயக்கப்பட்டிருந்ததுடன், இக்காலப்பகுதியில்

நாளொன்றுக்கு உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரி அளவுகள் குறித்த விபரங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம் 35: 2026 ஜனவரி 01 முதல் 2026 ஜனவரி 05 வரையான காலப்பகுதியில் நாளொன்றுக்கு உற்பத்தி செய்யப்பட்ட மின்சார அலகுகளின் அளவு**

| திகதி | அலகு இலக்கம் 03 | | | | |
|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வா.ம.) | துணை மின் நுகர்வு (மெ.வா.ம.) | நுகரப்பட்ட நிலக்கரி (மெ.வா.ம.) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு மெ.வா.ம. இற்கான கிலோகிராம் (நாளாந்த சராசரி) |
| 1/2/2026 | 6,867.99 | 629.64 | 2,738.38 | - | 0.399 |
| 1/3/2026 | 6,571.78 | 611.45 | 2,727.02 | - | 0.415 |
| 1/4/2026 | 6,632.04 | 608.42 | 2,667.14 | - | 0.402 |
| 1/5/2026 | 6,959.15 | 632.82 | 2,759.02 | - | 0.396 |

(இ) மின்நிலையத்தின் பிரதான கட்டுப்பாட்டு அறையின் இயக்க உத்தியோகத்தர்களால் அலகு 03 தொடர்பாகப் பேணப்படும் பதிவுப் புத்தகத்தின் படி, மேற்குறிப்பிட்ட திகதிகளில் நிலக்கரி நுகர்வு விகிதங்கள் குறித்துக் குறிப்பிடப்பட்டிருந்த விசேட சந்தர்ப்பங்கள் மற்றும் கணக்காய்வின் போது அவதானிக்கப்பட்ட பிரதான கட்டுப்பாட்டுத் தொகுதியின் முறைமை வரைபடங்களில் காணப்பட்ட சில தகவல்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம் 36: நிலக்கரி நுகர்வு விகிதங்கள் தொடர்பான விசேட சந்தர்ப்பங்கள்**

| திகதி மற்றும் நேரம் | பதிவுப் புத்தகக் குறிப்பு | அதற்கு சான்றளிக்கும் முறைமை வரைபடங்களில் காணப்படும் தகவல்கள் | | | |
|---|---|---|---|---|---|
| | | திகதி மற்றும் நேரம் | ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி (மெ.தொ) | இயலளவு (மெகாவாட்) | ஒரு மறுா இற்கான கிலோகிராம் |
| 2026/01/02 மு.ப 09.23 | நிலக்கரி நுகர்வு அதிகரித்ததன் காரணமாக இயலளவை 285 மெகாவாட் வரை குறைத்தல் | 2026/01/02 மு.ப 09.21.58 | 119.388 | 287.133 | 0.416 |
| 2026/01/04 பி.ப 02.20 | கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் முழுமையான இயலளவு கோரப்பட்டுள்ளது | 2026/01/04 பி.ப 03.19.15 | 116.807 | 277.932 | 0.420 |
| | | 2026/01/05 பி.ப 02.45.43 | 119.150 | 292.297 | 0.407 |

மேலும், மேற்கூறப்பட்ட திகதிகளுக்குரிய (ஜனவரி 02 முதல் 05 வரை) நிலைமாற்றல் பிரிவின் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் நாளாந்தம் தயாரிக்கப்படும் மின்சக்தி தொகுதி அறிக்கையின்படி, இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் மின்நிலையத்தின் 3 ஆம் அலகிலிருந்து மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய இயலளவிலிருந்து (துணை மின் நுகர்வைக் கழித்த பின்னர்), அதாவது சுமார் 270 மெகாவாட் இயலளவிலிருந்து குறித்த அலகு இயங்கிய இயலளவு மற்றும் அது தொடர்பான குறிப்பு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம் : 37 இரவு நேர உச்ச பயன்பாட்டுக் காலத்தினுள் மின்சார நிலையத்தின் 3 ஆம் அலகிலிருந்து மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய இயலளவிலிருந்து கட்டமைப்பு இயங்கிய இயலளவு**

| திகதி | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய இயலளவு (மெகாவாட்) | இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் இயங்கிய இயலளவு (மெகாவாட்) | குறிப்பு |
|---|---|---|---|
| 2026/01/02 | 270 | 246 | நிலக்கரியின் தரம் தொடர்பான பிரச்சினை காரணமாக இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ள முடிந்த இயலளவு 246 மெகாவாட் ஆகும். |
| 2026/01/03 | 270 | 254 | நிலக்கரியின் தரம் தொடர்பான பிரச்சினை காரணமாக இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ள முடிந்த இயலளவு 254 மெகாவாட் ஆகும். |
| 2026/01/04 | 270 | 259 | நிலக்கரியின் தரம் தொடர்பான பிரச்சினை காரணமாக இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ள முடிந்த இயலளவு 259 மெகாவாட் ஆகும். |
| 2026/01/05 | 270 | 256 | நிலக்கரியின் தரம் தொடர்பான பிரச்சினை காரணமாக இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ள முடிந்த இயலளவு 256 மெகாவாட் ஆகும். |

### (ஈ) நிலக்கரி மேலதிக நுகர்வினால் ஏற்படக்கூடிய நட்டத்தை இனங்காணல்

இந்த இருப்புத் தொகுதியின் சராசரி நுகர்வு விகிதம் ஒரு கிலோவாட் மணித்தியாலத்திற்கு சுமார் 404 கிராம் எனவும், இந்த நிலக்கரியைப் பயன்படுத்தி அலகு 03 இன் செயற்பாடுகள் மேற்கொள்ளப்பட்ட காலப்பகுதியில் மின் உற்பத்தி செய்யப்பட்ட சராசரி இயலளவின் அடிப்படையில் சுமார் 287 மெகாவாட் சராசரி இயலளவிலேயே மின்நிலையத்தை இயக்க முடியும் எனவும் லக்விஜய மின்நிலையத்தினால் உறுதிப்படுத்தப்பட்டிருந்தது. அந்தப் பெறுமதியைப் பயன்படுத்தி, புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரியின் மேலதிக நுகர்வினால் ஏற்படக்கூடிய இழப்பை பின்வருமாறு இனங்காண முடியும். **(இணைப்பு 87)**

**அட்டவணை இலக்கம் 38: இறக்குமதி செய்யப்பட்ட புதிய நிலக்கரித் தொகுதியின் மேலதிக நுகர்வு மற்றும் கணக்கிடப்பட்ட நட்டம்**

| 287 மெகாவாட் இயலளவின் போது ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ (நியம சராசரிப் பெறுமதி) | 287 மெகாவாட் இயலளவின் போது ஒரு மணித்தியாலத்திற்கு எரிக்கப்பட்ட நிலக்கரி மெ.தொ (சராசரிப் பெறுமதி) | ஒரு மணித்தியாலத்திற்கு மேலதிகமாக எரிக்கப்படும் நிலக்கரி மெ.தொ | 287 மெகாவாட் இயலளவின் கீழ் மொத்த நிலக்கரித் தொகுதியையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | மேலதிகமாக எரிக்கப்படும் மொத்த நிலக்கரி மெ.தொ | ஒரு மெட்ரிக் தொன் நிலக்கரியின் கிரயம் (ரூபா) | நிலக்கரி மேலதிக நுகர்வினால் ஏற்படக்கூடிய மதிப்பீடு செய்யப்பட்ட நட்டம் (ரூபா மில்லியன்) |
|---|---|---|---|---|---|---|
| 107.61 | 115.86 | 8.25 | 21.5 | 4,259.34 | 38,385 | 163.5 |

**(உ) முழுமையான இயலளவைப் பூர்த்தி செய்ய முடியாமல் போனமையால் ஏனைய மூலங்களிலிருந்து மேலதிகமாக பெற்றுக்கொள்ள வேண்டிய மதிப்பிடப்பட்ட வலுச்சகத்தியின் அளவு**

மேலே (ஈ) பந்தியில் குறிப்பிடப்பட்டுள்ளவாறு, இந்த நிலக்கரியைப் பயன்படுத்தி மின்நிலையத்தை இயக்கக்கூடிய இயலளவு சுமார் 287 மெகாவாட் மாத்திரமெனில், 13 மெகாவாட் மேலதிக மின்சக்தித் தேவையை வேறு ஒரு மூலத்திலிருந்து பெற்றுக்கொள்ள வேண்டியேற்படும். அந்த மின்சக்தித் தேவையை களனிதிஸ்ஸ ஒருங்கிணைந்த சுழற்சி மின்நிலையம் 02 இலிருந்து பெற்றுக்கொள்ள நேரிட்டால் மேற்படி (5.5.4.2.3 இ) பந்தியில் குறிப்பிடப்பட்ட 02 சந்தர்ப்பங்களின் கீழ் மேலதிகமாக பெற்றுக்கொள்ள வேண்டிய மதிப்பிடப்பட்ட வலுச்சக்தியின் அளவு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம் : 39 ஏனைய மூலங்களிலிருந்து மேலதிகமாக பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட வலுச்சக்தியின் அளவு**

| 287 மெகாவாட் இயலளவின் கீழ் மொத்த நிலக்கரி இருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | 13 மெகாவாட் இயலளவின் கீழ் வேறு மூலத்திலிருந்து பெற்றுக்கொள்ள வேண்டிய வலுச்சக்தி (கி.வா.ம) | |
|---|---|---|
| | 01 ஆம் சந்தர்ப்பம் | 02 ஆம் சந்தர்ப்பம் |
| 21.5 | 6,727,148 | 4,484,765 |

க.கொ - ஏனைய மூலங்களிலிருந்து மேலதிமாக பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட வலுச்சக்தியின் அளவானது மேற்படி அட்டவணையில் குறிப்பிடப்படுவதுடன், அது உள்ளபடியாக மின்சார நிலையத்தை இயக்கக்கூடிய இயலளவு மற்றும் அதற்கமைய ஏற்படும் வலுச்சக்தி பற்றாக்குறை ஆகியவற்றுக்கமைய வேறுபடக்கூடும்.

**(ii) இரண்டாவது கப்பல் பயணத்தின் போது நியமங்களைப் பரிசோதித்தல் - (கப்பல் சரக்குத் தொகுதி இலக்கம் 457/25-26/13)**

(அ) மேலே குறிப்பிட்ட அட்டவணை இலக்கங்கள் 24, 26, 27, 29, 32 ஆகியவற்றின்படி, 5 அளவீடுகள் உடன்படிக்கையில் குறிப்பிடப்பட்ட அங்கீகரிக்கப்பட்ட பெறுமதிகளை விஞ்சியிருந்தது. அதற்கமைய இரண்டாவது கப்பல் சரக்குத் தொகுதியிலிருந்து அறவிடக்கூடிய முழு தண்டப்பணத் தொகை ரூபா 135.3 மில்லியன் ஆகும்.

**அட்டவணை இலக்கம் 40: அளவீடுகளில் காணப்பட்ட வேறுபாடுகள் மற்றும் ஒப்பந்தத்தின் பிரகாரம் தண்டப்பணத்தைக் கணக்கிடல்**

| இலக்கம் | அளவீடு | விலகல் | தண்டப்பணம் (அமெரிக்க டொலர்) |
|---|---|---|---|
| 1 | மொத்த கலோரிப் பெறுமதி | (6150 – 6017) = 133 | 139,614.56 |
| 2 | ஆவியாகும் பதார்த்தம் | (25 - 24.9) = 0.1 | 2,065.88 |
| 3 | கந்தகம் | (0.65 - 0.5) = 0.15 | 30,988.13 |
| 4 | சாம்பல் | (15.35 – 11) = 4.35 | 179,731.17 |
| 5 | துகள் (Grain) அளவு 02 மிமீ இற்கு குறைவானது | (24.13 - 22.5) = 1.63 | 84,184.43 |
| **மொத்தம்** | | | **436,584.16** |
| **ரூபா பெறுமதி** | | | **135,341,090.41** |

(ஆ) மேலும், இரண்டாவது கப்பலாக இலங்கைக்கு வந்த மேற்கூறிய நிலக்கரி கப்பல் சரக்குத் தொகுதி 2026 ஜனவரி 05 ஆம் திகதி முதல் 2026 ஜனவரி 09 ஆம் திகதி வரையிலான காலப்பகுதியில் தரையிறக்கப்பட்டது. நிலக்கரி இருப்புத் தொகுதிகள் தரையிறக்கப்படும் போது அவற்றில் ஒரு பகுதி நேரடியாக களஞ்சிய தொட்டிகளில் நிரப்பப்படுவதால், இந்த நிலக்கரித் தொகுதியின் ஒரு பகுதி 2026 ஜனவரி 05 ஆம் திகதி இரவு முதல் 2026 ஜனவரி 08 ஆம் திகதி இரவு வரையான காலப்பகுதியில் அந்த நேரத்தில் இயக்கத்திலிருந்த அலகு இலக்கம் 03 இன் பதுங்கு குழிகளில் தோராயமாக 9,527 மெட்ரிக் தொன் நிரப்பப்பட்டிருந்தமை லக்விஜய மின்நிலையத்தின் எரிபொருள் கையாளுதல் (செயற்பாடுகள்) பிரிவிடமிருந்து பெறப்பட்ட தகவல்களின் மூலம் உறுதிப்படுத்தப்பட்டது **(இணைப்பு 86)**. அந்த நிலக்கரியைக் கொண்டு மாத்திரம் 2026 ஜனவரி 06 ஆம் திகதி முதல் 2026 ஜனவரி 08 ஆம் திகதி வரை அலகு இலக்கம் 03 இயக்கப்பட்டிருந்தது. இக்காலப்பகுதியில் நாளொன்றுக்கு உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரி அளவுகள் குறித்த விபரங்கள் கீழே தரப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 41 - 2026 ஜனவரி 06 முதல் 2026 ஜனவரி 08 வரையிலான காலப்பகுதியில் பயன்படுத்தப்பட்ட நிலக்கரியின் அளவு.**

| திகதி | அலகு இலக்கம் 03 | | | | |
|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | துணை மின்சார நுகர்வு (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கி.வோ.ம-க்கு கிலோகிராம் (ஒரு நாளுக்கா |

| | | | | | ன சராசரி) |
|---|---|---|---|---|---|
| 1-6-2026 | 6958.26 | 646.64 | 2746.51 | - | 0.395 |
| 1-7-2026 | 7052.23 | 654.43 | 2760.14 | - | 0.391 |
| 1-8-2026 | 6963.46 | 651.46 | 2714.50 | - | 0.390 |

அதன்படி, மேலே 5.5.3.1 பந்தியில் குறிப்பிடப்பட்டுள்ள 375 கிராமைக் கருத்தில் கொள்ளும்போது, இக்காலப்பகுதியில் நிலக்கரி இருப்பின் சராசரி நுகர்வு விகிதம் சுமார் 392 கிராமாக இருந்தது

(இ) மேலே குறிப்பிட்ட திகதிகளில் நிலக்கரி கையிருப்பு நுகர்வு விகிதங்கள் தொடர்பாக பிரதான கட்டுப்பாட்டுப் பிரிவின் கட்டமைப்பு வரைபடங்களில் காட்டப்பட்டுள்ள சில தகவல்கள் பின்வரும் அட்டவணையில் வழங்கப்பட்டுள்ளன

**அட்டவணை இலக்கம்: 42 நிலக்கரி இருப்பு மற்றும் நுகர்வு விகிதங்கள் தொடர்பான விசேட சந்தர்ப்பங்கள்**

| திகதி மற்றும் நேரம் | மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரியின் அளவு மெ.தொ | திறன் மெகாவோட் | ஒரு கி.வா.மற்கு கி.கி |
|---|---|---|---|
| 2026/01/06 மு.ப 06.00.53 | 117.705 | 299.713 | 0.392 |
| 2026/01/06 மு.ப 10.11.21 | 116.042 | 286.035 | 0.406 |

மேலே உள்ள அட்டவணையின்படி, இந்தப் புதிய நிலக்கரி கையிருப்பைக் கொண்டு ஒரு கிலோவாட் மணித்தியால மின்சாரத்தை உற்பத்தி செய்வதற்குப் பயன்படுத்தப்பட்ட நிலக்கரியின் சராசரி நுகர்வு விகிதமானது, 392 கிராம் என்ற அளவைத் தாண்டியுள்ளது

மேலும், மேலே குறிப்பிட்ட திகதிகளுக்குரிய (ஜனவரி 06 முதல் 08 வரை) மின் கடத்தல் பிரிவின் தொகுதி கட்டுப்பாட்டுப் பிரிவினால் தினசரி தயாரிக்கப்படும் மின்சாரக் கட்டமைப்பு அறிக்கையின்படி, இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் , மின்நிலையத்தின் 3 ஆம் அலகிலிருந்து மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய நிகரத் திறனில் (துணை மின்சார நுகர்வைக் கழித்த பின்னர்), அதாவது சுமார் 270 மெகாவோட் திறனில் அந்த அலகு இயங்கிய திறன் மற்றும் அது தொடர்பான குறிப்புகள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 43 இரவு நேர உச்ச கேள்வி காலப்பகுதியில் மின்நிலையத்தின் 3 ஆம் அலகிலிருந்து மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவில், கட்டமைப்பு செயற்படுத்தப்பட்ட கொள்ளளவு - ஜனவரி 06 முதல் 08 வரை.**

| திகதி | மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய திறன் (மெகாவோட்) | இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் இயங்கிய திறன் (மெகாவோட்) | குறிப்பு |
|---|---|---|---|
| 2026/01/06 | 270 | 262 | நிலக்கரியின் தரம் |

| | | | |
|---|---|---|---|
| | | | தொடர்பான பிரச்சினை காரணமாக, இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ளக்கூடியதாக இருந்த திறன் 262 மெகாவோட்டாக இருந்தது |
| 2026/01/07 | 270 | 267 | நிலக்கரியின் தரம் தொடர்பான பிரச்சினை காரணமாக, இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ளக்கூடியதாக இருந்த திறன் 267 மெகாவோட்டாக இருந்தது |
| 2026/01/08 | 270 | 254 | நிலக்கரியின் தரம் தொடர்பான பிரச்சினை காரணமாக, இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ளக்கூடியதாக இருந்த திறன் 254 மெகாவோட்டாக இருந்தது. |

(ஈ) **மேலதிக நிலக்கரி நுகர்வினால் ஏற்படக்கூடிய நட்டங்களை இனங்காணுதல்**

இந்தக் கையிருப்பின் சராசரி நுகர்வு விகிதம் ஒரு கிலோவாட் மணித்தியாலத்திற்கு சுமார் 391 கிராம் என்றும், இந்த நிலக்கரியைப் பயன்படுத்தி அலகு 03 இன் செயற்பாடுகள் முன்னெடுக்கப்பட்ட காலத்தில் மின் உற்பத்தி செய்யப்பட்ட சராசரி திறனின் அடிப்படையில் சுமார் 292 மெகாவோட் சராசரி திறனில் மின்நிலையத்தை இயக்க முடியும் என்றும் லக்விஜய மின்நிலையம் உறுதிப்படுத்தியுள்ளது. அந்த மதிப்பைப் பயன்படுத்தி, புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரியின் மேலதிக நுகர்வினால் ஏற்படக்கூடிய நட்டத்தினைப் பின்வருமாறு இனங்காண முடியும் **(இணைப்பு 87)**

**அட்டவணை இலக்கம்: 44 — மேலதிக நுகர்வினால் ஏற்படக்கூடிய நட்டம்**

| 292 மெகாவோட் திறனில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரியின் அளவு - மெட்ரிக் தொன் (தரப்படுத்தப்பட்ட சராசரி மதிப்பு) | 292 மெகாவோட் திறனில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்பட்ட நிலக்கரியின் அளவு - மெட்ரிக் தொன் (சராசரி மதிப்பு) | மணித்தியாலத்திற்கு மேலதிகமாக எரிக்கப்படும் நிலக்கரி மெ.தொ | 292 மெகாவோட் திறனின் கீழ் முழு நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | மேலதிகமாக எரிக்கப்படும் மொத்த நிலக்கரி மெ.தொ | ஒரு மெட்ரிக் தொன் நிலக்கரியின் செலவு ரூபாய் | நிலக்கரி மேலதிக நுகர்வினால் ஏற்படக்கூடிய மதிப்பிடப்பட்ட நட்டம் ரூபா மில்லியன் |
|---|---|---|---|---|---|---|
| 109.52 | 114.09 | 4.56 | 22.1 | 2,425.43 | 39,003 | 94.6 |

(உ) **முழுத் கொள்ளளவை பூர்த்தி செய்ய முடியாமையினால் வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு.**

மேலே குறிப்பிடப்பட்டுள்ளவாறு, இந்த நிலக்கரியைப் பயன்படுத்தி மின்நிலையத்தை இயக்கக்கூடிய கொள்ளளவு சுமார் 292 மெகாவோட் ஆக இருக்குமாயின், எஞ்சிய 08 மெகாவோட் மின்சாரத் தேவையை வேறு மூலங்கள் மூலம் பெற்றுக்கொள்ள நேரிடும் சந்தர்ப்பத்தில், மேலே (5.5.4.2.3 இ) பந்தியில் குறிப்பிட்டுள்ள சந்தர்ப்பங்கள் இரண்டின் கீழ் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட மின்சக்தி அளவு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 45 வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட மின்சக்தி அளவு**

| 292 மெகாவோட் திறனின் கீழ் முழு நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | 08 மெகாவோட் திறனின் கீழ் வேறொரு மூல ஆதாரத்திலிருந்து பெற்றுக்கொள்ள வேண்டிய மின்சக்தி (கி.வா.ம) | |
|---|---|---|
| | 01 வது சந்தர்ப்பம் | 02 வது சந்தர்ப்பம் |
| 22.1 | 4,219,806 | 2,813,204 |

குறிப்பு: வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு மேலே உள்ள அட்டவணையில் குறிப்பிடப்பட்டுள்ளதுடன், அது மின்நிலையத்தை உண்மையில் இயக்கக்கூடிய கொள்ளளவு மற்றும் அதற்கேற்ப ஏற்படும் சக்திப் பற்றாக்குறை என்பவற்றுக்கு ஏற்ப மாற்றமடையக்கூடும்.

**iii. மூன்றாவது கப்பல் பயணத்தின் போது தரப் பரிசோதனை செய்தல் - (கப்பல் சரக்குத் தொகுதி எண்: 458/25-26/14)**

(அ) மேலே உள்ள அட்டவணைகள் 24, 26, 28, 29, 32 ஆகியவற்றின் படி 5 அளவீடுகள் ஒப்பந்தத்தில் குறிப்பிடப்பட்டுள்ள தரப்படுத்தப்பட்ட மதிப்புகளை விட அதிகமாகக் காணப்பட்டன. அதற்கமைய, மூன்றாவது கப்பல் சரக்குத் தொகுதியிலிருந்து அறவிடப்பட வேண்டிய மொத்த தண்டப்பணம் ரூபா 150.4 மில்லியன் என லக்விஜய மின்நிலையத்தினால் கணக்கிடப்பட்டிருந்தது.

**அட்டவணை இலக்கம்: 46 அளவீடுகள் தரப்படுத்தப்பட்ட மதிப்புகளை மீறியமை காரணமாக அறவிடப்பட வேண்டிய தண்டப்பணம்**

| இலக்கம் | அளவீடு | வேறுபாடு | தண்டப்பணம் ஐ.அ.டொ |
|---|---|---|---|
| 1 | மொத்த கலோரி பெறுமதி | (6150 – 5928) = 222 | 208,456.02 |
| 2 | ஆவியாகக் கூடிய திரவியம் | (25 - 24.54) = 0.46 | 8,500.50 |
| 3 | கந்தகம் | (0.56 - 0.5) = 0.06 | 11,087.61 |
| 4 | சாம்பல் | (15.53 – 11) = 4.53 | 167,422.86 |
| 5 | Grain அளவு 02 மில்லிமீட்டருக்கும் குறைவானது | (24.44 - 22.5) = 1.94 | 89,624.82 |
| **மொத்தம்** | | | **485,091.81** |
| **ரூபாய் பெறுமதி** | | | **150,378,462.41** |

(ஆ) 2026 ஜனவரி 20 ஆம் திகதி முதல் 2026 ஜனவரி 29 ஆம் திகதி வரையான காலப்பகுதியில் தரையிறக்கப்பட்ட நிலக்கரி கையிருப்பின் ஒரு பகுதி, அதாவது சுமார் 13,803 மெட்ரிக் தொன் நிலக்கரி, 2026 ஜனவரி 20 முற்பகல் முதல் 2026 ஜனவரி 21 முற்பகல் வரை அலகு 03 இன் களஞ்சிய அறைகளில் நிரப்பப்பட்டிருந்தமை லக்விஜய மின்நிலையத்தின் எரிபொருள் கையாளுதல் (செயற்பாட்டு) பிரிவிடமிருந்து பெறப்பட்ட தகவல்களின்படி உறுதிப்படுத்தப்பட்டது. **(இணைப்பு 86)** அதற்கமைய, 2026 ஜனவரி 20 முதல் 2026 ஜனவரி 21 வரை அலகு 03 இயங்கியதன் மூலம் நாளொன்றுக்கு உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரி அளவுகள் குறித்த விபரங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 47 - 2026 ஜனவரி 20 ஆம் திகதி முதல் 2026 ஜனவரி 21 ஆம் திகதி வரை அலகு 03 இயங்கியதன் மூலம் நாளொன்றுக்கு உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரி அளவுகள்**

| திகதி | அலகு இலக்கம் 01 | | | | | அலகு இலக்கம் 02 | | | | | அலகு இலக்கம் 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (கெ.வோ.ம) | நுணை மின் நுகர்வு (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கிராமாக நுகர் சராசரி) | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (கெ.வோ.ம) | நுணை மின் நுகர்வு (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கிராமாக நுகர் சராசரி) | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (கெ.வோ.ம) | நுணை மின் நுகர்வு (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கிராமாக நுகர் சராசரி) |
| 1/20/2026 | 6,618.56 | 620.15 | 2,660.06 | - | 0.402 | 6,432.19 | 568.99 | 2,431.59 | - | 0.378 | 6,391.19 | 617.92 | 2,429.11 | - | 0.38 |
| 1/21/2026 | 6,051.72 | 640.51 | 2,750.40 | - | 0.454 | 5,938.91 | 553.98 | 2,606.23 | - | 0.439 | 6,013.20 | 594.1 | 2,617.46 | - | 0.435 |

(இ) மின்நிலையத்தின் பிரதான கட்டுப்பாட்டு பிரிவின் செயற்பாட்டு உத்தியோகத்தர்களினால் ஒவ்வொரு அலகுக்கும் உரியதாகப் பேணப்பட்டுவரும் நாள்பதிவெட்டுப் புத்தகத்தின் படி, மேற்குறிப்பிட்ட காலப்பகுதியில் நிலக்கரி நுகர்வு விகிதம் தொடர்பாகக் குறிப்பிடப்பட்டிருந்த விசேட சந்தர்ப்பங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 48 - மின்நிலையத்தின் ஒவ்வொரு அலகுக்கும உரியதாகப் பேணப்பட்ட நாள்பதிவேட்டுப் புத்தகத்தின் படி இனங்காணப்பட்ட விசேட சந்தர்ப்பங்கள்.**

| அலகு 03 | | அலகு 02 | | அலகு 01 | |
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| **திகதி மற்றும் நேரம்** | **குறிப்பு** | **திகதி மற்றும் நேரம்** | **குறிப்பு** | **திகதி மற்றும் நேரம்** | **குறிப்பு** |
| 2026/01/20 பி.ப 01.50 | அமைப்பு கட்டுப்பாட்டு பிரிவினால் முழுத்திறன் கோரப்பட்டுள்ளது | 2026/01/20 பி.ப 09.09 | நிலக்கரி பயன்பாட்டு விகிதம் மணிக்கு 118 டன்களாக அதிகரித்துள்ளதால், உற்பத்தித் திறன் 285 மெகாவோட்டாகக் குறைக்கப்பட்டுள்ளது. இது தொடர்பான விபரங்கள் மின்சாரக் கட்டமைப்பு | 2026/01/21 மு.ப 02.30 | நிலக்கரி பயன்பாட்டு விகிதம் மணிக்கு 117 டன்களாக இருப்பதால், உற்பத்தித் திறன் 255 மெகாவோட்டாக இயக்கப்படுகிறது |

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| | | | கட்டுப்பாட்டுப் பிரிவுக்கு அறிவிக்கப்பட்டுள்ளன | | |
| 2026/01/20 பி.ப 06.00 | நிலக்கரி நுகர்வு வீதம் மணிக்கு 115 தொன்களைத் தாண்டியதன் காரணமாக, மின் உற்பத்தித் திறனை 295 மெகாவோட் வரை குறைத்தல் | 2026/01/20 பி.ப 09.49 | நிலக்கரி நுகர்வு வீதம் மணிக்கு 113 தொன்களாக இருந்தமையினால், மின் உற்பத்தித் திறனை 292 மெகாவோட் வரை அதிகரித்தல் | 2026/01/21 மு.ப 10.00 | புதிய நிலக்கரி கையிருப்பு நிரப்பப்பட்டதையடுத்து, நீராவி வெப்பநிலை அசாதாரணமான முறையில் அதிகரித்துள்ளமை அவதானிக்கப்பட்டது. |
| 2026/01/20 பி.ப 07.24 | மணிக்கு 115 டன் நிலக்கரி பயன்பாட்டு விகிதத்தை விட அதிகரிப்பதன் காரணமாக, உற்பத்தித் திறன் 290 மெகாவோட்டாகக் குறைக்கப்பட்டுள்ளது | 2026/01/20 பி.ப 10.23 | மணிக்கு 120 டன் வரை நிலக்கரி பயன்பாட்டு விகிதம் அதிகரிப்பதன் காரணமாக, உற்பத்தித் திறன் 285 மெகாவோட்டாகக் குறைக்கப்பட்டுள்ளது. | 2026/01/21 நண்பகல் 12.00 | புதிய நிலக்கரி கையிருப்பு நிரப்பப்பட்டபின், SH மற்றும் RH வெப்பநிலைகள் அசாதாரணமாக அதிகரித்துள்ளன |
| 2026/01/20 பி.ப 09.01 | மணிக்கு 115 டன் நிலக்கரி பயன்பாட்டு விகிதத்தை விட அதிகரிப்பதன் காரணமாக, உற்பத்தித் திறன் 285 மெகாவோட்டாகக் குறைக்கப்பட்டுள்ளது. | 2026/01/20 பி.ப 10.52 | நிலக்கரி பயன்பாட்டு விகிதம் மணிக்கு 119 டன்களாக அதிகரித்துள்ளதால், உற்பத்தித் திறன் 280 மெகாவோட்டாகக் குறைக்கப்பட்டுள்ளது. | 2026/01/21 பி.ப 03.00 | நிலக்கரி பயன்பாட்டு விகிதம் மணிக்கு 116 டன்களாக இருப்பதால், உற்பத்தித் திறன் 256 மெகாவோட்டாக இயக்கப்படுகிறது.. |
| 2026/01/20 பி.ப 11.04 | மணிக்கு 115 டன் நிலக்கரி பயன்பாட்டு விகிதத்தை விட அதிகரிப்பதன் காரணமாக, உற்பத்தித் திறன் 275 மெகாவோட்டாகக் | 2026/01/20 பி.ப 11.05 | நிலக்கரி பயன்பாட்டு விகிதம் மணிக்கு 118 டன்களாக அதிகரித்துள்ளதால், உற்பத்தித் திறன் 275 மெகாவோட்ட | | |

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| | குறைக்கப்பட்டுள்ளது | | ாகக் குறைக்கப்பட்டுள்ளது. இது தொடர்பான விபரங்கள் மின்சாரக் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவுக்கு அறிவிக்கப்பட்டுள்ளன. | |
| 2026/01/21 பி.ப 2.16 | மின்சாரக் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் 300 மெகாவோட் உற்பத்தித் திறன் கோரப்பட்டுள்ளது | 2026/01/21 பி.ப 02.59 | உற்பத்தித் திறன் 230 மெகாவோட்டாக இருந்தபோதிலும், நிலக்கரி பயன்பாட்டு விகிதம் மணிக்கு 100 டன்களுக்கு மேல் அதிகரித்துள்ளதுடன், ஒவ்வொரு அரைவை ஆலைகளின் நிலக்கரி பயன்பாட்டு விகிதமும் மணிக்கு 25 டன்களுக்கு மேல் அதிகரித்துள்ளது. | |
| 2026/01/21 பி.ப 2.35 | மணிக்கு 115 டன் நிலக்கரி பயன்பாட்டு விகிதத்தை விட அதிகரிப்பதன் காரணமாக, உற்பத்தித் திறனை 250 மெகாவோட்டிற்கு மேல் அதிகரிப்பது நிறுத்தப்பட்டுள்ளது | 2026/01/21 பி.ப 09.39 | அதிக பெறுமானத்தைத் கொண்ட முன்னைய நிலக்கரி கையிருப்புகள் நிரப்பப்படுவதால், நாளை மாலை நேர உச்சப் பயன்பாட்டின் போது 300 மெகாவோட் முழு உற்பத்தித் திறனைப் பெற்றுக்கொள்ள முடியும் | |

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| | | | என்பது மின்சாரக் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவுக்கு அறிவிக்கப்பட்டுள்ளது | |
| 2026/01/21 பி.ப 2.40 | விபரங்கள் மின்சாரக் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவுக்கு அறிவிக்கப்பட்டுள்ளன. | | | |

(ஈ) மேற்கூறிய நாள்பதிவெட்டுப் புத்தகக் குறிப்புகள் தொடர்பாகச் சான்றளிக்கும் பிரதான கட்டுப்பாட்டுப் பிரிவின் தொகுதி வரைபடங்களில் காட்டப்பட்டுள்ள சில தகவல்கள் பின்வரும் அட்டவணையில் வழங்கப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 49 – மூன்றாவது கப்பல் சரக்குத் தொகுதி தொடர்பாகப் பிரதான கட்டுப்பாட்டுப் பிரிவிலிருந்து பெற்றுக்கொள்ளப்பட்ட தகவல்கள்.**

| அலகு இலக்கம் 02 | | | | அலகு இலக்கம் 03 | | | |
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| **திகதி மற்றும் நேரம்** | **ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ** | **கொள்ளளவு மெகாவோட்** | **ஒரு கி.வா.ம.ற்கு கி.கி** | **திகதி மற்றும் நேரம்** | **ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ** | **கொள்ளளவு மெகாவோட்** | **ஒரு கி.வா.ம.ற்கு கி.கி** |
| 20/01/2026 பி.ப 09.07.02 | 117.617 | 299.081 | 0.393 | 20/01/2026 பி.ப 01.47.26 | 70.179 | 180.895 | 0.388 |
| 20/01/2026 பி.ப 09.41.36 | 116.024 | 291.061 | 0.399 | 20/01/2026 பி.ப 06.28.53 | 115.291 | 295.208 | 0.391 |
| 20/01/2026 பி.ப 10.22.34 | 119.358 | 287.82 | 0.415 | 20/01/2026 பி.ப 07.19.24 | 116.628 | 295.016 | 0.395 |
| 20/01/2026 பி.ப 10.41.16 | 117.031 | 285.54 | 0.410 | 20/01/2026 பி.ப 09.07.39 | 117.045 | 284.304 | 0.412 |
| 21/01/2026 | 117.127 | 275.048 | 0.426 | 20/01/2026 | 116.884 | 279.196 | 0.419 |

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| மு.ப 03.39.54 | | | | பி.ப 11.03.07 | | | |
| 21/01/2026 பி.ப 3.00.23 | 101.165 | 221.16 | 0.457 | 21/01/2026 மு.ப 12.58.35 | 117.887 | 275.543 | 0.428 |
| 21/01/2026 பி.ப 4.33.53 | 115.227 | 261.7 | 0.440 | | | | |
| 21/01/2026 பி.ப 4.47.55 | 116.99 | 264.639 | 0.442 | | | | |

மூன்றாவது கப்பல் சரக்குத் தொகுதியிலிருந்து இறக்கப்பட்ட நிலக்கரியைப் பயன்படுத்தி 1 கிலோவாட் மணித்தியால மின்சாரத்தைப் பெறுவதற்காக எரிக்கப்பட்ட நிலக்கரியின் அளவுகள் மேற்கூறிய அட்டவணையில் காட்டப்பட்டுள்ளன.

மேலும், குறித்த காலப்பகுதிக்குரிய (ஜனவரி 20 முதல் 21 வரை) மின்சாரக் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் நாளந்தம் தயாரிக்கப்படும் மின்சாரக் கட்டமைப்பு அறிக்கையின்படி, இரவு நேர உச்சப் பயன்பாட்டு காலத்தில் மின் நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்கு வழங்கக்கூடிய கொள்ளளவிலிருந்து (துணை மின் நுகர்வைக் கழித்த பின்), அதாவது சுமார் 270 மெகாவோட் கொள்ளளவில் ஒவ்வொரு அலகும் இயக்கப்பட்ட கொள்ளளவு மற்றும் அது தொடர்பான குறிப்புகள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 50 இரவு நேர உச்ச கேள்வி காலப்பகுதியில், மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவுகள் - (ஜனவரி 20 முதல் 21 வரை)**

| திகதி | அலகு | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவு (மெகா வோட்) | இரவு நேர அதிகப்படியான மின் தேவை காலப்பகுதியில் இயங்கிய கொள்ளளவு (மெகா வோட்) | குறிப்பு |
|---|---|---|---|---|
| 2026/01/20 | 01 | 270 | 250 | இரவு நேர உச்ச மின் தேவை காலப்பகுதியில் பெற்றுக்கொள்ளக்கூடியதாக இருந்த கொள்ளளவு 250 மெகா வோட் ஆகும்./ அரைக்கும் அலகுகளின் செயற்பாடு மட்டுப்படுத்தப்பட்டது. |

| | | | | |
|---|---|---|---|---|
| | 02 | 270 | 274 | - |
| | 03 | 270 | 265 | - |
| 2026/01/21 | 01 | 270 | 240 | நிலக்கரியின் தரம் தொடர்பான பிரச்சினை காரணமாக, இரவு நேர உச்ச மின் தேவை காலப்பகுதியில் பெற்றுக்கொள்ளக்கூடியதாக இருந்த கொள்ளளவு 240 மெகா வோட் ஆகும். |
| | 02 | | 239 | நிலக்கரியின் தரம் தொடர்பான பிரச்சினை காரணமாக, இரவு நேர உச்ச மின் தேவை காலப்பகுதியில் பெற்றுக்கொள்ளக்கூடியதாக இருந்த கொள்ளளவு 239 மெகா வோட் ஆகும். |
| | 03 | | 236 | நிலக்கரியின் தரம் தொடர்பான பிரச்சினை காரணமாக, இரவு நேர உச்ச மின் தேவை காலப்பகுதியில் பெற்றுக்கொள்ளக்கூடியதாக இருந்த கொள்ளளவு 236 மெகா வோட் ஆகும் |

**(உ) நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய நட்டங்களை இனங்காணல்**

மேற்கூறப்பட்டவாறு களஞ்சிய அறைகளில் நிரப்பப்பட்டிருந்த சுமார் 13,803 மெட்ரிக் டன் நிலக்கரியின் சராசரி நுகர்வு விகிதம் ஒரு கிலோவாட் மணித்தியாலத்திற்கு சுமார் 444 கிராம் எனவும், இந்த நிலக்கரியைப் பயன்படுத்தி ஒவ்வொரு அலகும் இயக்கப்பட்ட காலத்தின் அடிப்படையில் சுமார் 261 மெகாவோட் சராசரித் திறனுடன் மின்நிலையத்தை இயக்க முடிந்திருக்கும் எனவும் லக்விஜய மின்நிலையம் உறுதிப்படுத்தியுள்ளது. இந்த பெறுமானங்களைப் பயன்படுத்தி, புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரியின் அதிக நுகர்வினால் ஏற்படும் நட்டங்களைப் பின்வருமாறு இனங்காண முடியும். **(இணைப்பு 87)**

**அட்டவணை .இலக்கம்: 51 இறக்குமதி செய்யப்பட்ட புதிய நிலக்கரி இருப்பின் மேலதிக நுகர்வு மற்றும் கணிப்பிடப்பட்ட நட்டம்**

| 61 கி.வா மின்சக்தி மட்டத்தில் ஒரு மணித்தியா | 61 கி.வா மின்சக்தி மட்டத்தில் ஒரு மணித்தியா | ஒரு மணித்தியாலத்திற்கு மேலதிகமாக எரிக்கப்படும் | 61 கி.வா மின்சக்தி மட்டத்தின் கீழ் முழு | மேலதிகமாக எரிக்கப்படும் மொத்த நிலக்கரி | நிலக்கரி ஒரு மெற்றிக் தொன்னுக்கான | நிலக்கரி அதிகப்படியான நுகர்வினால் |
|---|---|---|---|---|---|---|

| லத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ (தரப்படுத்தப் பட்ட சராசரி அளவு) | லத்திற்கு எரிக்கப்பட்ட நிலக்கரி மெ.தொ (சராசரி அளவு) | நிலக்கரி மெ.தொ | நிலக்கரி கையிருப் பையும் பயன்படு த்தக்கூடி ய நாட்களி ன் எண்ணிக் கை | மெ.தொ | அலகு செலவு ரூபாய் | ஏற்படக் கூடிய மதிப்பிடப் பட்ட நட்டம் ரூபா மில்லிய ன் |
|---|---|---|---|---|---|---|
| 97.78 | 115.65 | 17.87 | 19.5 | 8,379.95 | 37,072 | 310.7 |

**(ஊ) முழுத் கொள்ளளவைப் பூர்த்தி செய்ய முடியாமையினால் வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு**

மேலே குறிப்பிடப்பட்டுள்ளவாறு, இந்த நிலக்கரித் தொகுதியைப் பயன்படுத்தி மின்நிலையத்தை இயக்கக்கூடிய கொள்ளளவு சுமார் 261 மெகாவோட் ஆக இருக்குமாயின், எஞ்சிய 28 மெகாவோட் மின்சாரத் தேவையை வேறு மூலங்கள் மூலம் பெற்றுக்கொள்ள நேரிடும் சந்தர்ப்பத்தில், மேலே (5.5.5.2.3 இ) பந்தியில் குறிப்பிடப்பட்டுள்ள 02 சந்தர்ப்பங்களின் கீழ் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை .இலக்கம்: 52 வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு.**

| **261 மெகா வோட் கொள்ளளவின் கீழ் முழு நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை** | **39 மெகா வோட் கொள்ளளவின் கீழ் வேறு ஒரு மூலத்திலிருந்து பெற்றுக்கொள்ள வேண்டிய மின்சக்தி** | |
|---|---|---|
| | **01 வது சந்தர்ப்பம்** | **02 வது சந்தர்ப்பம்** |
| 19.5 | 18,406,723 | 12,271,148 |

குறிப்பு - வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு மேலே உள்ள அட்டவணையில் குறிப்பிடப்பட்டுள்ளதுடன், அது மின்நிலையத்தை உண்மையில் இயக்கக்கூடிய கொள்ளளவு மற்றும் அதற்கேற்ப ஏற்படும் சக்திப் பற்றாக்குறை என்பவற்றுக்கு ஏற்ப மாற்றமடையக்கூடும்.

**iv. நான்காவது கப்பல் பயணத்தின் தரப் பரிசோதனை - (கப்பல் சரக்குத் தொகுதி இலக்கம் 459/25-26/15)**

(அ) மேலே உள்ள 24, 28, 29, 32 ஆகிய அட்டவணைகளின்படி, 4 அளவீடுகள் ஒப்பந்தத்தில் குறிப்பிடப்பட்டுள்ள தரப்படுத்தப்பட்ட அளவுகளை விட அதிகமாகக் காணப்பட்டன.

அதற்கமைய, நான்காவது கப்பல் சரக்குத் தொகுதியிலிருந்து அறவிடப்பட வேண்டிய மொத்த தண்டப் பணம் ரூபா 107.07 மில்லியன் என லக்விஜய மின் உற்பத்தி நிலையத்தினால் கணக்கிடப்பட்டிருந்தது.

**அட்டவணை இலக்கம்: 53 - அளவீடுகள் தரப்படுத்தப்பட்ட அளவுகளை விட அதிகரித்தமை காரணமாக அறவிடப்பட வேண்டிய தண்டப் பணம்.**

| இலக்கம் | அளவீடு | வேறுபாடு | தண்டப்பணம் (ஐ.அ.டொ) |
|---|---|---|---|
| 1 | மொத்த கலோரி பெறுமதி | (6150 – 6107) = 43 | 46,075.38 |
| 2 | கந்தகம் | (0.52 - 0.5) = 0.02 | 4,217.50 |
| 3 | சாம்பல் | (15.01 – 11) = 4.01 | 169,121.94 |
| 4 | Grain அளவு 02 மில்லிமீட்டருக்கும் குறைவானது | (24.89 - 22.5) = 2.39 | 125,997.96 |
| **மொத்தம்** | | | **345,412.78** |
| **ரூபாய் பெறுமதி** | | | **107,077,962.87** |

(ஆ) 2026 ஜனவரி 26 ஆம் திகதி முதல் 2026 ஜனவரி 31 ஆம் திகதி வரையிலான காலப்பகுதியில் இறக்கப்பட்ட நிலக்கரி கையிருப்பிலிருந்து சுமார் 10,454 மெற்றிக் தொன் அளவானது, 2026 ஜனவரி 26 பி.ப 10 மணி முதல் 2026 ஜனவரி 27 பி.ப 8.15 மணி வரை இரண்டு தடவைகளாக அலகு 03 இன் களஞ்சியங்களில் நிரப்பப்பட்டிருந்தமை லக்விஜய மின் உற்பத்தி நிலையத்தின் எரிபொருள் கையாளல் (செயற்பாட்டு) பிரிவிடமிருந்து பெறப்பட்ட தகவல்களின் மூலம் உறுதிப்படுத்தப்பட்டது. **(இணைப்பு 86)** அதன்படி, இந்தச் சந்தர்ப்பத்தில் அலகு 03 முழுமையாக இயங்கியதன் மூலம் ஒரு நாளில் உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரி அளவுகள் தொடர்பான விபரங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 54 - அலகு 03 முழுமையாக இயங்கியதன் மூலம் ஒரு நாளில் உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரி அளவுகள் தொடர்பான விபரங்கள்.**

| திகதி | அலகு இலக்கம் 01 | | | | | அலகு இலக்கம் 02 | | | | | அலகு இலக்கம் 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (கெ.வோ.ம) | நுணை மின் நுகர்வு (கெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (மசகு) எற்றல் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கிராமான்ற சராசரி) | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (கெ.வோ.ம) | நுணை மின் நுகர்வு (கெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (மசகு) எற்றல் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கிராமான்ற சராசரி) | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (கெ.வோ.ம) | நுணை மின் நுகர்வு (கெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (மசகு) எற்றல் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கிராமான்ற சராசரி) |
| 1/27/2026 | 6,582.49 | 665.89 | 2,663.69 | - | 0.405 | 6,396.13 | 613.33 | 2,441.88 | - | 0.382 | 6,413.97 | 620.67 | 2,447.45 | - | 0.382 |
| 1/28/2026 | 6,612.39 | 660.1 | 2,702.83 | - | 0.408 | 6,320.28 | 646.73 | 2,470.80 | - | 0.379 | 6,422.46 | 621.37 | 2,455.32 | 320.19 | 0.382 |

(இ) மின் உற்பத்தி நிலையத்தின் பிரதான கட்டுப்பாட்டுப் பிரிவின் செயல்பாட்டு அதிகாரிகளினால் ஒவ்வொரு அலகுக்கும் ஏற்ப பராமரிக்கப்படும் நாள்பதிவெட்டுப் புத்தகத்தின்படி, மேற்கூறிய தினங்களில் நிலக்கரி நுகர்வு வீதங்கள் தொடர்பாகக் குறிப்பிடப்பட்டிருந்த விசேட சந்தர்ப்பங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 55 - மின் உற்பத்தி நிலையத்தின் ஒவ்வொரு அலகுக்கும் ஏற்ப பராமரிக்கப்பட்ட குறிப்பேடுகளின் அடிப்படையில் கண்டறியப்பட்ட விசேட சந்தர்ப்பங்கள்.**

| அலகு 03 | | அலகு 02 | | அலகு 01 | |
|---|---|---|---|---|---|
| **திகதி மற்றும் நேரம்** | **குறிப்பு** | **திகதி மற்றும் நேரம்** | **குறிப்பு** | **திகதி மற்றும் நேரம்** | **குறிப்பு** |
| 2026/01/27 மு.ப 07.20 | ஒரு மணித்தியாலத்திற்கு 116 தொன்னுக்கும் அதிகமான நிலக்கரி நுகர்வு வீதம் அவதானிக்கப்பட்டது. SICஇன் பிரதான பொறியியலாளரின் அறிவுறுத்தலின்படி, நிலக்கரி நுகர்வு வீதத்தை ஒரு மணித்தியாலத்திற்கு 115 தொன்னாகச் சீர்செய்வதற்காக, கொள்ளளவை 2 மெகாவோட் இனால் குறைத்தல் | 2026/01/27 பி.ப 01.59 | மின் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் முழுமையான கொள்ளளவு கோரப்பட்டது. புதிய தென்னாப்பிரிக்க நிலக்கரி காரணமாக, பெற்றுக்கொள்ளக்கூடிய அதிகப்படியான கொள்ளளவு 290 மெகாவோட் ஆகும் என மின் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவிற்கு அறிவிக்கப்பட்டது. | 2026/01/27 மு.ப 07.10 | ஒரு மணித்தியாலத்திற்கு 120 தொன் என்ற அதிகப்படியான நிலக்கரி நுகர்வு வீதம் அவதானிக்கப்பட்டது. SICஇன் பிரதான பொறியியலாளரின் அறிவுறுத்தலின்படி, நிலக்கரி நுகர்வு வீதத்தை ஒரு மணித்தியாலத்திற்கு 115 தொன்னாகச் சீர்செய்வதற்காக, கொள்ளளவை 290 மெகாவோட் வரை குறைத்தல். |
| 2026/01/28 மு.ப 04.53 | நிலக்கரி நுகர்வு வீதம் ஒரு மணித்தியாலத்திற்கு 116 தொன்னாகக் காணப்பட்ட நிலையில், கொள்ளளவை 293 மெகாவோட் அளவில் பேணுதல். | 2026/01/27 பி.ப 10.40 | நிலக்கரி நுகர்வு வீதம் ஒரு மணித்தியாலத்திற்கு 116 தொன்னைத் தாண்டியதால், மொத்தக் கொள்ளளவை 01 மெகாவோட் இனால் குறைத்தல். | 2026/01/27 பி.ப 03.43 | 14.4 MPa மற்றும் ஒரு மணித்தியாலத்திற்கு 117 தொன் என்ற நிலக்கரி நுகர்வு வீதத்துடன் அதிகப்படியான கொள்ளளவு 298 மெகாவோட் இனை எட்டியுள்ளது. 15 ஆவது கப்பல் சரக்குத் |

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| | | | | | தொகுதியிலிருந்து நிலக்கரி நிரப்பப்பட்டுள்ளது. |
| 2026/01/28 மு.ப 06.01 | நிலக்கரி நுகர்வு வீதத்தை ஒரு மணித்தியாலத்திற்கு 116 தொன்னாகப் பேணுவதற்காக, கொள்ளளவை மேலும் 285 மெகா வோட் வரை குறைத்தல். | 2026/01/28 மு.ப 00.19 | நிலக்கரி நுகர்வு வீதம் ஒரு மணித்தியாலத்திற்கு 116 தொன்னாகக் காணப்பட்ட நிலையில், அலகினை 300 மெகா வோட் கொள்ளளவில் இயக்குதல். | 2026/01/27 பி.ப 08.15 | அலகின் கொள்ளளவு 285 மெகா வோட் இலிருந்து 280 மெகா வோட் வரை குறைக்கப்பட்டுள்ளது. |
| | | 2026/01/28 மு.ப 04.05 | நிலக்கரி நுகர்வு வீதம் ஒரு மணித்தியாலத்திற்கு 116 தொன்னைத் தாண்டியதால், கொள்ளளவை 296 மெகா வோட் வரை குறைத்தல் | | |
| | | 2026/01/28 மு.ப 05.06 | நிலக்கரி நுகர்வு வீதம் ஒரு மணித்தியாலத்திற்கு 116 தொன்னை எட்டியதால், கொள்ளளவை 293 மெகா வோட் வரை குறைத்தல். இது தொடர்பாக மின் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவிற்கு அறிவிக்கப்பட்டது. | | |
| | | 2026/01/28 மு.ப 05.30 | நிலக்கரி நுகர்வு வீதம் ஒரு மணித்தியாலத்திற்கு 116 தொன்னைத் | | |

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| | | தாண்டியதால், கொள்ளளவை 290 மெகா வோட் வரை குறைத்தல் | |
| | 2026/01/28 மு.ப 05.56 | நிலக்கரி நுகர்வு வீதம் ஒரு மணித்தியாலத் திற்கு 116 தொன்னைத் தாண்டியதால், கொள்ளளவை 288 மெகா வோட் வரை குறைத்தல். | |
| | 2026/01/28 மு.ப 07.27 | நிலக்கரி நுகர்வு வீதம் ஒரு மணித்தியாலத் திற்கு 116 தொன்னை எட்டியதால், கொள்ளளவை 286 மெகா வோட் வரை குறைத்தல். | |

(ஈ) மேலே உள்ள குறிப்பேடுகளின் பதிவுகள் தொடர்பாகச் சான்றளிக்கும் வகையில், பிரதான கட்டுப்பாட்டுப் பிரிவின் கட்டமைப்பு வரைபடங்களில் காட்டப்பட்டுள்ள சில தகவல்கள் பின்வரும் அட்டவணையில் வழங்கப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 56 - நான்காவது கப்பல் சரக்குத் தொகுதி தொடர்பாகப் பிரதான கட்டுப்பாட்டுப் பிரிவிடமிருந்து பெறப்பட்ட தகவல்கள்**

| அலகு இலக்கம் 01 | | | | அலகு இலக்கம் 02 | | | | அலகு இலக்கம் 03 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| திகதி மற்றும் நேரம் | மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி (மெ.தா) | கொள்ளளவு (மெகாவோட்) | ஒரு கி.வோ.ம-க்கு கிலோகிராம் (கி.கி) | திகதி மற்றும் நேரம் | மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி (மெ.தா) | கொள்ளளவு (மெகாவோட்) | ஒரு கி.வோ.ம-க்கு கிலோகிராம் (கி.கி) | திகதி மற்றும் நேரம் | மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி (மெ.தா) | கொள்ளளவு (மெகாவோட்) | ஒரு கி.வோ.ம-க்கு கிலோகிராம் (கி.கி) |
| 27/01/2026 மு.ப | 98.437 | 240.084 | 0.410 | 28/01/2026 மு.ப | 119.279 | 300.070 | 0.398 | 28/01/2026 மு.ப | 116.944 | 298.092 | 0.392 |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 06.55.10 | | | | 02.38.04 | | | | 04.08.47 | | | |
| 27/01/2026 மு.ப 07.30.36 | 98.437 | 240.084 | 0.410 | 28/01/2026 மு.ப 07.37.42 | 117.763 300.07 | 282.244 | 0.417 | 28/01/2026 மு.ப 06.00.12 | 117.882 | 292.242 | 0.403 |
| | | | | | | | | 28/01/2026 பி.ப 02.06.03 | 69.703 | 179.247 | 0.389 |

மேலும், 2026 ஜனவரி 27 ஆம் திகதி மின் கடத்தல் பிரிவின் மின் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் தினசரி தயாரிக்கப்படும் மின் கட்டமைப்பு அறிக்கையின்படி, இரவு நேர உச்சப்பயன்பாட்டு காலப்பகுதியில் மின் உற்பத்தி நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின் கட்டமைப்பிற்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவிலிருந்து (துணை மின் நுகர்வைக் கழித்த பின்னர்), அதாவது சுமார் 270 மெகா வோட் கொள்ளளவில் ஒவ்வொரு அலகும் இயங்கிய கொள்ளளவு மற்றும் அது தொடர்பான குறிப்பு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 57 இரவு நேர உச்ச கேள்வி காலப்பகுதியில், மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவுகள் - 2026 ஜனவரி 27.**

| திகதி | அலகு | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக் கூடிய கொள்ளளவு (மெகா வோட்) | இரவு நேர அதிகப்படியான மின் தேவை காலப்பகுதியில் இயங்கிய கொள்ளளவு (மெகா வோட்) | குறிப்பு |
|---|---|---|---|---|
| 2026/01/27 | 01 | 270 | 256 | இரவு நேர உச்சப்பயன்பாட்டு காலப்பகுதியில் பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 256 மெகா வோட் ஆகும். / அரைக்கும் அலகுகளின் செயல்பாடு வரையறுக்கப்பட்டது |
| | 02 | 270 | 271 | - |
| | 03 | 270 | 269 | - |

**(உ) நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய நட்டத்தை இனங்காணுதல்**

இந்த நிலக்கரி கையிருப்பிலிருந்து ஒரு கிலோவாட் மணித்தியாலத்திற்கு சுமார் 401 கிராம் தேவைப்படுவதாகவும், இந்த நிலக்கரியைப் பயன்படுத்தி ஒவ்வொரு அலகும் இயக்கப்பட்ட காலப்பகுதியின் அடிப்படையில், சுமார் 290 மெகா வோட் சராசரி திறனுடன் மின் உற்பத்தி நிலையத்தை இயக்கியிருக்க முடியும் என்றும் லக்விஜய மின் உற்பத்தி

நிலையத்தினால் உறுதிப்படுத்தப்பட்டுள்ளது. அந்தப் பெறுமதிகளைப் பயன்படுத்தி, புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரியின் அதிக நுகர்வினால் ஏற்படும் நட்டத்தைப் பின்வருமாறு இனங்காண முடியும். **(இணைப்பு 87)**

**அட்டவணை இலக்கம்: 58 - புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரி அதிக நுகர்வினால் ஏற்படும் நட்டம்**

| 290 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ (தரப்படுத்தப்பட்ட சராசரி அளவு) | 290 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்பட்ட நிலக்கரி மெ.தொ (சராசரி அளவு) | ஒரு மணித்தியாலத்திற்கு மேலதிகமாக எரிக்கப்படும் நிலக்கரி மெ.தொ | 290 மெகா வோட் கொள்ளளவின் கீழ் மொத்த நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | மேலதிகமாக எரிக்கப்படும் மொத்த நிலக்கரி மெ.தொ | நிலக்கரி ஒரு மெற்றிக் தொன்னிற்கான அலகுச் செலவு<br><br>ரூபா | நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய மதிப்பிடப்பட்ட நட்டம்<br><br>ரூபா மில்லியன் |
|---|---|---|---|---|---|---|
| 108.78 | 116.45 | 7.67 | 21.9 | 4,036.87 | 38,621 | 155.9 |

**(ஊ) முழுத் கொள்ளளவைப் பூர்த்தி செய்ய முடியாமையினால் வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு**

மேலே குறிப்பிடப்பட்டுள்ளவாறு, இந்த நிலக்கரியைப் பயன்படுத்தி மின்நிலையத்தை இயக்கக்கூடிய கொள்ளளவு சுமார் 290 மெகாவோட் ஆக இருக்குமாயின், எஞ்சிய 10 மெகாவோட் மின்சாரத் தேவையை வேறு மூலங்கள் மூலம் பெற்றுக்கொள்ள நேரிடும் சந்தர்ப்பத்தில், மேலே (5.5.4.2.3 இ) பந்தியில் குறிப்பிடப்பட்டுள்ள 02 சந்தர்ப்பங்களின் கீழ் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 59 - வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு**

| 290 மெகா வோட் கொள்ளளவின் கீழ் முழு நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | 10 மெகா வோட் கொள்ளளவின் கீழ் வேறு ஒரு மூலத்திலிருந்து பெற்றுக்கொள்ள வேண்டிய மின்சக்தி | |
|---|---|---|
| | 01 வது சந்தர்ப்பம் | 02 வது சந்தர்ப்பம் |
| 21.9 | 5,219,636 | 3,479,758 |

குறிப்பு: வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு மேலே உள்ள அட்டவணையில் குறிப்பிடப்பட்டுள்ளதுடன், அது மின்நிலையத்தை உண்மையில் இயக்கக்கூடிய கொள்ளளவு மற்றும் அதற்கேற்ப ஏற்படும் சக்திப் பற்றாக்குறை என்பவற்றுக்கு ஏற்ப மாற்றமடையக்கூடும்.

v. **ஐந்தாவது கப்பல் பயணத்தின் போது தரப் பரிசோதனை செய்தல் - (கப்பல் சரக்குத் தொகுதி இலக்கம்: 460/25-26/16)**

(அ) மேலே உள்ள அட்டவணைகள் 24, 26, 28, 29 மற்றும் 32 இன் படி, 5 அளவீடுகள் ஒப்பந்தத்தில் குறிப்பிடப்பட்டுள்ள தரப்படுத்தப்பட்ட அளவுகளை விட விஞ்சியிருந்தன. அதற்கமைய, ஐந்தாவது கப்பல் சரக்குத் தொகுதியிலிருந்து அறவிடப்பட வேண்டிய மொத்த தண்டப்பணம் ரூபா 155 மில்லியன் என லக்விஜய மின் உற்பத்தி நிலையத்தினால் கணக்கிடப்பட்டிருந்தது.

**அட்டவணை இலக்கம்: 60 - ஒப்பந்தத்திற்கு அமைவாக தண்டப்பணத்தைக் கணக்கிடுதல்**

| இலக்கம் | அளவீடு | வேறுபாடு | தண்டப்பணம் (ஐ.அ.டொ) |
|---|---|---|---|
| 1 | மொத்த கலோரி பெறுமதி | (6150 – 5951) = 199 | 188,143.18 |
| 2 | ஆவியாகக் கூடிய திரவியம் | (25 - 24.00) = 1.00 | 18,606.32 |
| 3 | கந்தகம் | (0.58 - 0.5) = 0.08 | 14,885.06 |
| 4 | சாம்பல் | (15.68 – 11) = 4.68 | 174,155.16 |
| 5 | Grain அளவு 02 மில்லிமீட்டருக்கும் குறைவானது | (24.74 - 22.5) = 2.24 | 104,195.39 |
| **மொத்தம்** | | | **499,985.10** |
| **ரூபாய் பெறுமதி** | | | **154,995,382.31** |

(ஆ) மேற்குறிப்பிட்ட நிலக்கரி கப்பல் சரக்குத் தொகுதியானது 2026 பெப்ரவரி 01 ஆம் திகதி முதல் 2026 பெப்ரவரி 04 ஆம் திகதி வரையிலான காலப்பகுதியில் தரையிறக்கப்பட்டது. நிலக்கரி கையிருப்புகளைத் தரையிறக்கும் போது, அவற்றில் ஒரு பகுதி நேரடியாக நிலக்கரி களஞ்சிய அறைகளுக்குள் நிரப்பப்படுவதால், இந்த நிலக்கரி கையிருப்பின் ஒரு பகுதி (சுமார் 5,218 மெற்றிக் தொன்) 2026 பெப்ரவரி 01 பி.ப 9.35 மணி முதல் 2026 பெப்ரவரி 03 மு.ப 00.25 மணி வரை அலகு 01 மற்றும் 03 இன் களஞ்சிய அறைகளில் நிரப்பப்பட்டிருந்தமை லக்விஜய மின் உற்பத்தி நிலையத்தின் எரிபொருள் கையாளல் (செயற்பாட்டு) பிரிவிடமிருந்து பெற்றுக்கொள்ளப்பட்ட தகவல்களின்படி அவதானிக்கப்பட்டது. **(இணைப்பு 86)** அதற்கமைய, 2026 பெப்ரவரி 02 ஆம் திகதி முதல் 2026 பெப்ரவரி 03 ஆம் திகதி வரை அலகு 01 மற்றும் 03 இயங்கியதன் மூலம் ஒரு நாளைக்கு உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரியின் அளவு தொடர்பான விபரங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 61 அலகு இலக்கம் 01 மற்றும் 03 ஆகியவற்றின் செயற்பாட்டினால் தினசரி உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரியின் அளவுகள் - 2026 பெப்ரவரி 02 ஆம் திகதி முதல் 2026 பெப்ரவரி 03 ஆம் திகதி வரை.**

| திகதி | அலகு இலக்கம் 01 | | | | | அலகு இலக்கம் 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | துணை மின் நுகர்வு (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | துணை மின் நுகர்வு (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) |
| 2/2/2026 | 6,891.49 | 674.59 | 2,677.73 | - | 0.389 | 6,875.42 | 639.84 | 2,600.52 | - | 0.378 |
| 2/3/2026 | 6,864.76 | 637.10 | 2,672.26 | 196.35 | 0.389 | 6,830.36 | 640.84 | 2,617.75 | - | 0.383 |

(இ) மின் உற்பத்தி நிலையத்தின் பிரதான கட்டுப்பாட்டுப் பிரிவின் செயற்பாட்டு உத்தியோகத்தர்களினால் ஒவ்வொரு அலகு தொடர்பாகவும் பேணப்படும் நாட்குறிப்பெட்டுப் புத்தகத்தின்படி , மேற்குறிப்பிட்ட திகதிகளில் நிலக்கரி கையிருப்பு நுகர்வு விகிதங்கள் தொடர்பாகக் குறிப்பிடப்பட்டிருந்த விசேட சந்தர்ப்பங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 62**

| **அலகு 03** | |
|---|---|
| **திகதி மற்றும் நேரம்** | **குறிப்பு** |
| 2026/02/02 பி.ப 03.12 | நிலக்கரி நுகர்வு விகிதம் அதிகமாக இருந்தமையால், கொள்ளளவை 295 மெகா வோட் வரை குறைத்தல். |
| 2026/02/02 பி.ப 04.47 | நிலக்கரி நுகர்வு விகிதம் அதிகமாக இருந்தமையால் (மணித்தியாலத்திற்கு 118 தொன்), கொள்ளளவை 290 மெகா வோட் வரை குறைத்தல் |
| 2026/02/02 பி.ப 06.42 | நிலக்கரி நுகர்வு விகிதம் அதிகமாக இருந்தமையால் (மணித்தியாலத்திற்கு 117 தொன்), கொள்ளளவை 285 மெகா வோட் வரை குறைத்தல். |
| 2026/02/02 பி.ப 09.15 | அலகிற்கான நிலக்கரி நிரப்பல் கைமுறை இயக்கத்திற்கு மாற்றப்பட்டு, நிலக்கரி நுகர்வு விகிதம் மணித்தியாலத்திற்கு 115 தொன் என ஒழுங்குபடுத்தப்பட்டது. அலகு 300 மெகா வோட் வரை இயக்கப்பட்டது. எனினும், பின்னர் அழுத்தம் 13.6 Mpa வரை குறைந்ததன் காரணமாக, கொள்ளளவு 290 மெகா வோட் ஆகக் குறைக்கப்பட்டது. |
| 2026/02/03 பி.ப 02.41 | நிலக்கரி நுகர்வு விகிதம் அதிகமாக இருந்தமையால், அலகு முழுமையான கொள்ளளவு வரை இயக்கப்பட்டது. எனினும், 285 மெகா வோட் அளவில் கொள்ளளவு நிறுத்தப்பட்டது. |
| **அலகு 01** | |
| 2026/02/03 பி.ப 03.18 | நிலக்கரி நுகர்வு விகிதம் மணித்தியாலத்திற்கு 117 தொன் ஆக இருந்தமையால், அலகினை 300 மெகா வோட் கொள்ளளவின் கீழ் |

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| | இயக்க முடியாமல் இருந்தது. அதற்கமைய, அலகானது 280 மெகா வோட் வரை இயக்கப்பட்டது. |

(ஈ) மேலும், மேற்குறிப்பிட்ட திகதிகளுக்குரிய (2026 பெப்ரவரி 02) கடத்துகை பிரிவின் தொகுதி கட்டுப்பாட்டுப் பிரிவினால் தினசரி தயாரிக்கப்படும் மின்சாரத் தொகுதி அறிக்கையின்படி, இரவு நேர அதிக பாவனை காலப்பகுதியின் போது, மின் உற்பத்தி நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரத் தொகுதிக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவிலிருந்து (துணை மின்சார நுகர்வைக் கழித்த பின்னர்), அதாவது சுமார் 270 மெகா வோட் கொள்ளளவின் கீழ் அலகு 03 இயங்கிய கொள்ளளவு மற்றும் அது தொடர்பான குறிப்பு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 63 இரவு நேர உச்ச கேள்வி காலப்பகுதியில், மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவுகள் - 2026 பெப்ரவரி 02.**

| திகதி | அலகு | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவு (மெகா வோட்) | இரவு நேர அதிகப்படியான மின் தேவை காலப்பகுதியில் இயங்கிய கொள்ளளவு (மெகா வோட்) | குறிப்பு |
|---|---|---|---|---|
| 2026/02/02 | 03 | 270 | 258 | இரவு நேர அதிக பாவனை காலப்பகுதியின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 258 மெகா வோட் ஆகும். |

(உ) நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய நட்டத்தை இனங்காணுதல்

2026 பெப்ரவரி 01 பி.ப 09.35 மணி முதல் 2026 பெப்ரவரி 03 மு.ப 00.25 மணி வரை அலகு 01 மற்றும் 03 இன் களஞ்சிய அறைகளில் நிரப்பப்பட்ட (மின் உற்பத்தி நிலையத்தின் எரிபொருள் கையாளல் பிரிவினால் சமர்ப்பிக்கப்பட்ட தகவல்களின்படி) நிலக்கரி கையிருப்பின் (சுமார் 5,218 மெற்றிக் தொன்) சராசரி நுகர்வு விகிதம் ஒரு கிலோவாட் மணித்தியாலத்திற்கு சுமார் 410 கிராம் ஆகும் என்பதும், இந்த நிலக்கரியைப் பயன்படுத்தி சுமார் 284 மெகா வோட் சராசரி கொள்ளளவின் கீழ் மின் உற்பத்தி நிலையத்தை இயக்க முடியும் என்பதும் லக்விஜய மின் உற்பத்தி நிலையத்தினால் உறுதிப்படுத்தப்பட்டிருந்தது. அந்தப் பெறுமதிகளைப் பயன்படுத்தி, புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரியின் அதிக நுகர்வினால் ஏற்படும் நட்டத்தை பின்வருமாறு இனங்காண முடியும். **(இணைப்பு 87)**

**அட்டவணை இலக்கம்: 64 இறக்குமதி செய்யப்பட்ட புதிய நிலக்கரி இருப்பின் மேலதிக நுகர்வு மற்றும் கணிக்கப்பட்ட நட்டம்**

| 284 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ (தரப்படுத்தப்பட்ட சராசரி அளவு) | 284 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்பட்ட நிலக்கரி மெ.தொ (சராசரி அளவு) | ஒரு மணித்தியாலத்திற்கு மேலதிகமாக எரிக்கப்படும் நிலக்கரி மெ.தொ | 284 மெகா வோட் கொள்ளளவின் கீழ் மொத்த நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | மேலதிகமாக எரிக்கப்படும் மொத்த நிலக்கரி மெ.தொ | நிலக்கரி ஒரு மெற்றிக் தொன்னிற்கான அலகுச் செலவு ரூபா | நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய மதிப்பிடப்பட்ட நட்டம் ரூபா மில்லியன் |
|---|---|---|---|---|---|---|
| 106.49 | 116.48 | 9.99 | 19.3 | 4,635.65 | 38,638 | 179.1 |

(ஊ) முழுத் கொள்ளளவைப் பூர்த்தி செய்ய முடியாமையினால் வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு

மேலே குறிப்பிடப்பட்டுள்ளவாறு, இந்த நிலக்கரியைப் பயன்படுத்தி மின்நிலையத்தை இயக்கக்கூடிய கொள்ளளவு சுமார் 284 மெகாவோட் ஆக இருக்குமாயின், எஞ்சிய 16 மெகாவோட் மின்சாரத் தேவையை வேறு மூலங்கள் மூலம் பெற்றுக்கொள்ள நேரிடும் சந்தர்ப்பத்தில், மேலே (5.5.4.2.3 இ) பந்தியில் குறிப்பிடப்பட்டுள்ள 02 சந்தர்ப்பங்களின் கீழ் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 65 வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு**

| 284 மெகா வோட் கொள்ளளவின் கீழ் முழு நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | 16 மெகா வோட் கொள்ளளவின் கீழ் வேறு ஒரு மூலத்திலிருந்து பெற்றுக்கொள்ள வேண்டிய மின்சக்தி (கி.வா.ம) | |
|---|---|---|
| | 01 வது சந்தர்ப்பம் | 02 வது சந்தர்ப்பம் |
| 19.3 | 7,438,768 | 4,959,179 |

குறிப்பு: வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு மேலே உள்ள அட்டவணையில் குறிப்பிடப்பட்டுள்ளதுடன், அது மின்நிலையத்தை உண்மையில் இயக்கக்கூடிய கொள்ளளவு மற்றும் அதற்கேற்ப ஏற்படும் சக்திப் பற்றாக்குறை என்பவற்றுக்கு ஏற்ப மாற்றமடையக்கூடும்

**vi. ஆறாவது கப்பல் பயணத்தின் போது தரப் பரிசோதனை செய்தல் - (கப்பல் சரக்குத் தொகுதி இலக்கம்: 461/25-26/17)**

(அ) மேலே உள்ள அட்டவணைகள் 24, 26, 28, 29 மற்றும் 32 இன் படி, 5 அளவீடுகள் ஒப்பந்தத்தில் குறிப்பிடப்பட்டுள்ள தரப்படுத்தப்பட்ட அளவுகளை விட விஞ்சியிருந்தன. அதற்கமைய, ஆறாவது கப்பல் சரக்குத் தொகுதியிலிருந்து அறவிடப்பட வேண்டிய மொத்த தண்டப்பணம் ரூபா 158.2 மில்லியன் என லக்விஜய மின் உற்பத்தி நிலையத்தினால் கணக்கிடப்பட்டிருந்தது.

**அட்டவணை இலக்கம்: 66 அறவிடப்பட வேண்டிய மொத்த தண்டப்பணம்**

| **இலக்கம்** | **அளவீடு** | **வேறுபாடு** | **தண்டப்பணம் (ஐ.அ.டொ)** |
|---|---|---|---|
| 1 | மொத்த கலோரி பெறுமதி | (6150 – 5967) = 183 | 189,333.20 |
| 2 | ஆவியாகக் கூடிய திரவியம் | (25 - 24.42) = 0.58 | 11,809.43 |
| 3 | கந்தகம் | (0.54 - 0.5) = 0.04 | 8,144.43 |
| 4 | சாம்பல் | (15.69 – 11) = 4.69 | 190,986.92 |
| 5 | Grain அளவு 02 மில்லிமீட்டருக்கும் குறைவானது | (24.66 - 22.5) = 2.16 | 109,949.83 |
| **மொத்தம்** | | | **510,223.80** |
| **ரூபாய் பெறுமதி** | | | **158,169,378.96** |

(ஆ) மேற்குறிப்பிட்ட நிலக்கரி கப்பல் சரக்குத் தொகுதியானது 2026 பெப்ரவரி 05 ஆம் திகதி முதல் 2026 பெப்ரவரி 09 ஆம் திகதி வரையிலான காலப்பகுதியில் தரையிறக்கப்பட்டது. நிலக்கரி கையிருப்புகளைத் தரையிறக்கும் போது, அவற்றில் ஒரு பகுதி நேரடியாக நிலக்கரி களஞ்சிய அறைகளுக்குள் நிரப்பப்படுவதால், இந்த நிலக்கரி கையிருப்பின் ஒரு பகுதி (சுமார் 5,231 மெற்றிக் தொன்) 2026 பெப்ரவரி 05 பி.ப 05.38 மணி முதல் 2026 பெப்ரவரி 06 மு.ப 11.15 மணி வரை அலகு 01 மற்றும் 03 இன் களஞ்சிய அறைகளில் நிரப்பப்பட்டிருந்தமை லக்விஜய மின் உற்பத்தி நிலையத்தின் எரிபொருள் கையாளல் (செயற்பாட்டு) பிரிவிடமிருந்து பெற்றுக்கொள்ளப்பட்ட தகவல்களின்படி அவதானிக்கப்பட்டது.**(இணைப்பு 86)** அதற்கமைய, 2026 பெப்ரவரி 06 ஆம் திகதி அலகு 01 மற்றும் 03 இயங்கியதன் மூலம் ஒரு நாளைக்கு உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரியின் அளவு தொடர்பான விபரங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 67 அலகு இலக்கம் 01 மற்றும் 03 ஆகியவற்றின் செயற்பாட்டினால் தினசரி உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரியின் அளவுகள் - 2026 பெப்ரவரி 06 ஆம் திகதி.**

| திகதி | அலகு இலக்கம் 01 | | | | | அலகு இலக்கம் 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | துணை மின் நுகர்வு (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | துணை மின் நுகர்வு (மெ.வா.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) |
| 2/6/2026 | 6,420.23 | 640.83 | 2,783.98 | - | 0.434 | 6,698.54 | 635.09 | 2,721.17 | - | 0.406 |

(இ) மின் உற்பத்தி நிலையத்தின் பிரதான கட்டுப்பாட்டுப் பிரிவின் செயற்பாட்டு உத்தியோகத்தர்களினால் ஒவ்வொரு அலகு தொடர்பாகவும் பேணப்படும் பதிவுப் புத்தகத்தின்படி , மேற்குறிப்பிட்ட திகதிகளில் நிலக்கரி கையிருப்பு நுகர்வு விகிதங்கள் தொடர்பாகக் குறிப்பிடப்பட்டிருந்த விசேட சந்தர்ப்பங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 68 பதிவேட்டின் படி நிலக்கரி இருப்பு நுகர்வு விகிதங்கள் - 2026 பெப்ரவரி 05 ஆம் திகதி முதல் 2026 பெப்ரவரி 09 ஆம் திகதி வரை.**

| அலகு 03 | |
|---|---|
| **திகதி மற்றும் நேரம்** | **குறிப்பு** |
| 2026/02/06 மு.ப 01.25 | அலகின் கொள்ளளவை 02 மெகாவோட் இனால் குறைத்தல். (298 மெகாவோட் வரை) |
| 2026/02/06 மு.ப 04.28 | நிலக்கரி ஓட்ட விகிதத்தைப் பேணுவதற்காக, அலகின் கொள்ளளவை 295 மெகாவோட் வரை குறைத்தல். |
| 2026/02/06 மு.ப 04.53 | நிலக்கரி ஓட்ட விகிதத்தை (மணித்தியாலத்திற்கு 117 தொன்) பேணுவதற்காக, அலகின் கொள்ளளவை 290 மெகாவோட் வரை குறைத்தல். |
| 2026/02/06 மு.ப 07.54 | நிலக்கரி ஓட்ட விகிதத்தை (மணித்தியாலத்திற்கு 118 தொன்) பேணுவதற்காக, அலகின் கொள்ளளவை 285 மெகாவோட் வரை குறைத்தல். |
| 2026/02/06 மு.ப 09.33 | மண்டலக் கட்டுப்பாட்டுப் பிரிவின் உடன்பாட்டுடன், நிலக்கரி ஓட்ட விகிதம் மணித்தியாலத்திற்கு 118 தொன்னிற்கு மேல் அதிகரித்ததன் காரணமாக, அலகின் கொள்ளளவை 280 மெகாவோட் வரை குறைத்தல் |
| 2026/02/06 மு.ப 11.50 | உயர் நிலக்கரி விகிதம் (மணித்தியாலத்திற்கு 115 தொன்னிற்கு மேல்) காரணமாக, அலகை 275 மெகாவோட் கொள்ளளவில் மாத்திரம் இயக்க முடிதல். |
| 2026/02/06 பி..ப 05.23 | தற்போதைய தென்னாப்பிரிக்க நிலக்கரியைப் பயன்படுத்தி 275 மெகாவோட் கொள்ளளவில் நிலக்கரி விகிதத்தை மணித்தியாலத்திற்கு சுமார் 115 தொன்னாகப் பேண முடியாததினால், அலகின் கொள்ளளவு 270 மெகாவோட் வரை குறைக்கப்பட்டுள்ளது. |
| 2026/02/06 பி..ப 05.33 | மண்டலக் கட்டுப்பாட்டுப் பிரிவினால் இயலுமானவரை கொள்ளளவை அதிகரிக்குமாறு கோரப்பட்ட போதிலும், நிலக்கரி ஓட்டத்தின் எல்லைப்பாடுகள் காரணமாக கொள்ளளவை அதிகரிக்க முடியாதுள்ளது. |

(ஈ) மேற்குறிப்பிட்ட திகதிக்குரிய (பெப்ரவரி 06) கடத்துகை பிரிவின் தொகுதி கட்டுப்பாட்டுப் பிரிவினால் தினசரி தயாரிக்கப்படும் மின்சாரத் தொகுதி அறிக்கையின்படி, இரவு நேர அதிக பாவனை காலப்பகுதியின் போது மின் உற்பத்தி நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரத் தொகுதிக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவிலிருந்து (துணை மின்சார நுகர்வைக் கழித்த பின்னர்), அதாவது சுமார் 270 மெகா வோட் கொள்ளளவின் கீழ் அலகு 01 மற்றும் 03 இயங்கிய கொள்ளளவு மற்றும் அது தொடர்பான குறிப்பு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.வது சுமார் 270 மெகா வோட் கொள்ளளவின் கீழ் அலகு 01 மற்றும் 03 இயங்கிய கொள்ளளவு மற்றும் அது தொடர்பான குறிப்பு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 69 இரவு நேர உச்ச கேள்வி காலப்பகுதியில், மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவுகள் - 2026 பெப்ரவரி 06.**

| திகதி | அலகு | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவு (மெகா வோட்) | இரவு நேர அதிகப்படியான மின் தேவை காலப்பகுதியில் இயங்கிய கொள்ளளவு (மெகா வோட்) | குறிப்பு |
|---|---|---|---|---|
| 2026/02/06 | 01 | 270 | 233 | இரவு நேர உச்சப் பயன்பாட்டு காலப்பகுதியின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 233 மெகாவோட் ஆகும். / அரைக்கும் அலகுகளின் செயற்பாடு வரையறுக்கப்பட்டது. |
| | 03 | 270 | 241 | இரவு நேர உச்சப் பயன்பாட்டு காலப்பகுதியின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 241 மெகாவோட் ஆகும். |

(உ) நிலக்கரி அதிகப்படியான நுகர்வினால் ஏற்படக்கூடிய நட்டத்தைக் கண்டறிதல்

2026 பெப்ரவரி 05 பி.ப 5.38 மணி முதல் 2026 பெப்ரவரி 06 மு.ப 11.15 மணி வரை அலகு இலக்கம் 01 மற்றும் 03 இன் களஞ்சிய அறைகளில் நிரப்பப்பட்ட (மின்நிலையத்தின் எரிபொருள் கையாளும் பிரிவு சமர்ப்பித்த தகவல்களின்படி) நிலக்கரி இருப்பின் (ஏறத்தாழ 5,231 மெட்ரிக் தொன்) சராசரி நுகர்வு விகிதம் ஒரு கிலோவாட் மணித்தியாலத்திற்கு சுமார் 432 கிராம் எனவும், இந்த நிலக்கரியைப் பயன்படுத்தி சுமார் 268 மெகாவோட் சராசரி கொள்ளளவில் மின்நிலையத்தை இயக்க முடியும் எனவும் லக்விஜய மின்நிலையம் உறுதிப்படுத்தியுள்ளது. அந்தப் பெறுமதிகளைப் பயன்படுத்தி, புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரியின் அதிகப்படியான நுகர்வினால் ஏற்படும் நட்டத்தைப் பின்வருமாறு கண்டறியலாம். **(இணைப்பு 87)**

**அட்டவணை இலக்கம்: 70 இறக்குமதி செய்யப்பட்ட புதிய நிலக்கரி இருப்பில் ஏற்பட்ட அதிக நுகர்வு மற்றும் கணக்கிடப்பட்ட நட்டம்**

| 268 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ (தரப்படுத்தப்பட்ட சராசரி அளவு) | 268 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்பட்ட நிலக்கரி மெ.தொ (சராசரி அளவு) | ஒரு மணித்தியாலத்திற்கு மேலதிகமாக எரிக்கப்படும் நிலக்கரி மெ.தொ | 268 மெகா வோட் கொள்ளளவின் கீழ் மொத்த நிலக்கரி கையிருப்பை பயும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | மேலதிகமாக எரிக்கப்படும் மொத்த நிலக்கரி மெ.தொ | நிலக்கரி ஒரு மெற்றிக் தொன்னிற்கான அலகுச் செலவு ரூபா | நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய மதிப்பிடப்பட்ட நட்டம் ரூபா மில்லியன் |
|---|---|---|---|---|---|---|
| 100.44 | 115.57 | 15.13 | 21.3 | 7,748.50 | 38,594 | 299 |

(ஊ) முழுத் கொள்ளளவைப் பூர்த்தி செய்ய முடியாமையினால் வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு

மேலே குறிப்பிடப்பட்டுள்ளவாறு, இந்த நிலக்கரியைப் பயன்படுத்தி மின்நிலையத்தை இயக்கக்கூடிய கொள்ளளவு சுமார் 268 மெகாவோட் ஆக இருக்குமாயின், எஞ்சிய 32 மெகாவோட் மின்சாரத் தேவையை வேறு மூலங்கள் மூலம் பெற்றுக்கொள்ள நேரிடும் சந்தர்ப்பத்தில், மேலே (5.5.4.2.3 இ) பந்தியில் குறிப்பிடப்பட்டுள்ள 02 சந்தர்ப்பங்களின் கீழ் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது

**அட்டவணை இலக்கம்: 71 வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு**

| 268 மெகா வோட் கொள்ளளவின் கீழ் முழு நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | 32 மெகா வோட் கொள்ளளவின் கீழ் வேறு ஒரு மூலத்திலிருந்து பெற்றுக்கொள்ள வேண்டிய மின்சக்தி (கி.வா.ம) | |
|---|---|---|
| | 01 வது சந்தர்ப்பம் | 02 வது சந்தர்ப்பம் |
| 21.3 | 16,470,219 | 10,980,146 |

குறிப்பு: வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு மேலே உள்ள அட்டவணையில் குறிப்பிடப்பட்டுள்ளதுடன், அது மின்நிலையத்தை உண்மையில் இயக்கக்கூடிய கொள்ளளவு மற்றும் அதற்கேற்ப ஏற்படும் சக்திப் பற்றாக்குறை என்பவற்றுக்கு ஏற்ப மாற்றமடையக்கூடும்.

**vii ஏழாவது கப்பல் வாரத்தின் போது தரப் பரிசோதனை செய்தல் - (கப்பல் சரக்குத் தொகுதி இலக்கம் 462/25-26/18)**

(அ) மேலே உள்ள அட்டவணை இலக்கம் 24, 26, 28, 29, 32 ஆகியவற்றின் படி, 5 அளவீடுகள் உடன்படிக்கையில் குறிப்பிடப்பட்டுள்ள தரப்படுத்தப்பட்ட பெறுமதிகளை விட அதிகரித்திருந்தன. அதற்கமைய, ஏழாவது கப்பல் சரக்குத் தொகுதியிலிருந்து அறவிடப்பட வேண்டிய மொத்த தண்டப்பணம் ரூபா 134.5 மில்லியன் என லக்விஜய மின்நிலையத்தினால் கணக்கிடப்பட்டிருந்தது.

**அட்டவணை இலக்கம்: 72 அறவிடப்பட வேண்டிய மொத்த தண்டப்பணம்**

| இலக்கம் | அளவீடு | வேறுபாடு | தண்டப்பணம் (ஐ.அ.டொ) |
|---|---|---|---|
| 1 | மொத்த கலோரி பெறுமதி | (6150 – 5973) = 177 | 173,324.76 |
| 2 | ஆவியாகக் கூடிய திரவியம் | (25 - 24.79) = 0.21 | 4,046.99 |
| 3 | கந்தகம் | (0.61 - 0.5) = 0.11 | 21,198.50 |
| 4 | சாம்பல் | (15.72 – 11) = 4.72 | 181,921.66 |
| 5 | Grain அளவு 02 மில்லிமீட்டருக்கும் குறைவானது | (23.61 - 22.5) = 1.11 | 53,478.03 |
| **மொத்தம்** | | | **433,969.94** |
| **ரூபாய் பெறுமதி** | | | **134,530,680.84** |

(ஆ) மேலே குறிப்பிடப்பட்ட நிலக்கரி கப்பல் சரக்குத் தொகுதி 2026 பெப்ரவரி 10 ஆம் திகதி முதல் தரையிறக்கப்பட்டிருந்ததுடன், அதில் ஒரு பகுதி நேரடியாகச் களஞ்சிய அறைகளில் நிரப்பப்பட்டமையினால், இந்த நிலக்கரி இருப்பின் ஒரு பகுதி (ஏறத்தாழ 4,076 மெட்ரிக் தொன்) 2026 பெப்ரவரி 10 பி.ப 5.10 மணி முதல் 2026 பெப்ரவரி 11 மு.ப 5.50 மணி வரை அலகு இலக்கம் 01 மற்றும் 03 இன் களஞ்சிய அறைகளில் நிரப்பப்பட்டிருந்தமை லக்விஜய மின்நிலையத்தின் எரிபொருள் கையாளும் (செயற்பாட்டு) பிரிவிடமிருந்து பெற்றுக்கொள்ளப்பட்ட தகவல்களின்படி அவதானிக்கப்பட்டது. **(இணைப்பு 86)** அதற்கமைய, 2026 பெப்ரவரி 11 ஆம் திகதி அலகு இலக்கம் 01 மற்றும் 03 இயங்கியதன் மூலம் ஒரு நாளில் உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரி அளவுகள் குறித்த விபரங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 73 அலகு இலக்கம் 01 மற்றும் 03 ஆகியவற்றின் செயற்பாட்டினால் தினசரி உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரியின் அளவுகள் - 2026 பெப்ரவரி 11 ஆம் திகதி**

| திகதி | அலகு இலக்கம் 01 | | | | அலகு இலக்கம் 03 | | | |
|---|---|---|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) |
| 11/2/2026 | 6371.72 | 2717.95 | - | 0.427 | 6138.42 | 2541.89 | - | 0.414 |

(இ) அதற்கமைய, மின்நிலையத்தின் பிரதான கட்டுப்பாட்டு அலகின் செயற்பாட்டு உத்தியோகத்தர்களினால் ஒவ்வொரு அலகு தொடர்பாகவும் பராமரிக்கப்படும் பதிவுப் புத்தகத்தின் படி, மேற்குறிப்பிட்ட திகதிகளில் நிலக்கரி இருப்பு நுகர்வு விகிதங்கள் தொடர்பாகக் குறிப்பிடப்பட்டிருந்த விசேட சந்தர்ப்பங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 74 மேற்குறிப்பிட்ட திகதிகளில் பதிவேட்டின் படி நிலக்கரி இருப்பு நுகர்வு விகிதங்கள் தொடர்பாகக் குறிப்பிடப்பட்டிருந்த விசேட சந்தர்ப்பங்கள்.**

| அலகு 03 | |
|---|---|
| **திகதி மற்றும் நேரம்** | **குறிப்பு** |
| 2026/02/10 பி..ப 11.56 | மண்டலக் கட்டுப்பாட்டுப் பிரிவின் இணக்கப்பாட்டுடன், உயர் நிலக்கரி விகிதம் (மணித்தியாலத்திற்கு 115 தொன்னுக்கும் அதிகமானது) காரணமாக அலகின் கொள்ளளவை 295 மெகாவோட் வரை குறைத்தல். |
| 2026/02/11 மு.ப 01.16 | உயர் நிலக்கரி விகிதம் (மணித்தியாலத்திற்கு 116 தொன்னுக்கும் அதிகமானது) காரணமாக அலகின் கொள்ளளவை 290 மெகாவோட் வரை குறைத்தல். |
| 2026/02/11 மு.ப 01.36 | உயர் நிலக்கரி விகிதம் (மணித்தியாலத்திற்கு 116 தொன்னுக்கும் அதிகமானது) காரணமாக அலகின் கொள்ளளவை 285 மெகாவோட் வரை குறைத்தல். |
| 2026/02/11 மு.ப 02.36 | உயர் நிலக்கரி விகிதம் (மணித்தியாலத்திற்கு 116 தொன்னுக்கும் அதிகமானது) காரணமாக அலகின் கொள்ளளவை 280 மெகாவோட் வரை குறைத்தல். |
| 2026/02/11 பி..ப 04.00 | அதிகப்படியான நிலக்கரி நுகர்வு (மணித்தியாலத்திற்கு 115 தொன்னுக்கும் அதிகமானது) காரணமாக அலகின் கொள்ளளவை 280 மெகாவோட்டுக்கும் அதிகமாக அதிகரிக்க முடியாமல் போதல். |
| 2026/02/11 பி..ப 07.00 | நிலக்கரி விகிதம் மணித்தியாலத்திற்கு 115 தொன்னுக்கும் அதிகமாக இருந்ததன் காரணமாக, அலகின் கொள்ளளவை 285 மெகாவோட்டில் மட்டுப்படுத்துதல் (நிறுத்துதல்). |

(ஈ) மேலுள்ள திகதிக்குரிய (பெப்ரவரி 11) கடத்துகை பிரிவின் மண்டலக் கட்டுப்பாட்டுப் பிரிவினால் தினசரி தயாரிக்கப்படும் மின்வலு தொகுதி அறிக்கையின்படி, இரவு நேர உச்சப் பயன்பாட்டு காலப்பகுதியின் போது மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்வலு தொகுதிக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவிலிருந்து (துணை மின்சார நுகர்வைக் கழித்த பின்னர்), அதாவது சுமார் 270 மெகாவோட் கொள்ளளவில், அலகு இலக்கம் 01 மற்றும் 03 இயங்கிய கொள்ளளவு மற்றும் அது தொடர்பான குறிப்பு கீழே உள்ள அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 75 இரவு நேர உச்ச கேள்வி காலப்பகுதியில், மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவுகள் - 2026 பெப்ரவரி 11.**

| திகதி | அலகு | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவு (மெகா வோட்) | இரவு நேர அதிகப்படியான மின் தேவை காலப்பகுதியில் இயங்கிய கொள்ளளவு (மெகா வோட்) | குறிப்பு |
|---|---|---|---|---|
| 2026/02/11 | 01 | 270 | 239 | இரவு நேர உச்சப் பயன்பாட்டு காலத்தில் |

| | | | | |
|---|---|---|---|---|
| | | | | பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 239 மெகாவோட் ஆகும். / அரைக்கும் அலகுகளின் இயக்கம் மட்டுப்படுத்தப்பட்டது. |
| | 03 | 270 | 253 | இரவு நேர உச்சப் பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 253 மெகாவோட் ஆகும் |

(உ) நிலக்கரி அதிகப்படியான நுகர்வினால் ஏற்படக்கூடிய நட்டத்தைக் கண்டறிதல்

2026 பெப்ரவரி 10 பி.ப 5.10 மணி முதல் 2026 பெப்ரவரி 11 மு.ப 5.50 மணி வரை அலகு இலக்கம் 01 மற்றும் 03 இன் களஞ்சிய அறைகளில் நிரப்பப்பட்ட (மின்நிலையத்தின் எரிபொருள் கையாளும் செயற்பாட்டுப் பிரிவு சமர்ப்பித்த தகவல்களின்படி) நிலக்கரி இருப்பின் (ஏறத்தாழ 4,076 மெட்ரிக் தொன்) சராசரி நுகர்வு விகிதம் ஒரு கிலோவாட் மணித்தியாலத்திற்கு சுமார் 423 கிராம் எனவும், இந்த நிலக்கரியைப் பயன்படுத்தி சுமார் 274 மெகாவோட் சராசரி கொள்ளளவில் மின்நிலையத்தை இயக்க முடியும் எனவும் லக்விஜய மின்நிலையம் உறுதிப்படுத்தியுள்ளது. அந்தப் பெறுமதிகளைப் பயன்படுத்தி, புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரியின் அதிகப்படியான நுகர்வினால் ஏற்படும் நட்டத்தைப் பின்வருமாறு கண்டறியலாம்.

**அட்டவணை இலக்கம்: 76 இறக்குமதி செய்யப்பட்ட புதிய நிலக்கரித் தொகுதியின் அதிகப்படியான நுகர்வு மற்றும் கணக்கிடப்பட்ட நட்டம்.**

| 274 மெகாவோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ (தரப்படுத்தப்பட்ட சராசரி அளவு) | 274 மெகாவோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்பட்ட நிலக்கரி மெ.தொ (சராசரி அளவு) | ஒரு மணித்தியாலத்திற்கு மேலதிகமாக எரிக்கப்படும் நிலக்கரி மெ.தொ | 274 மெகாவோட் கொள்ளளவின் கீழ் மொத்த நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | மேலதிகமாக எரிக்கப்படும் மொத்த நிலக்கரி மெ.தொ | நிலக்கரி ஒரு மெற்றிக் தொன்னிற்கான அலகுச் செலவு ரூபா | நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய மதிப்பிடப்பட்ட நட்டம் ரூபா மில்லியன் |
|---|---|---|---|---|---|---|
| 102.70 | 115.84 | 13.14 | 20.1 | 6,354.29 | 38,664 | 245.7 |

(ஊ) முழுத் கொள்ளளவைப் பூர்த்தி செய்ய முடியாமையினால் வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு

மேலே குறிப்பிடப்பட்டுள்ளவாறு, இந்த நிலக்கரியைப் பயன்படுத்தி மின்நிலையத்தை இயக்கக்கூடிய கொள்ளளவு சுமார் 274 மெகாவோட் ஆக இருக்குமாயின், எஞ்சிய 26 மெகாவோட் மின்சாரத் தேவையை வேறு மூலங்கள் மூலம் பெற்றுக்கொள்ள நேரிடும் சந்தர்ப்பத்தில், மேலே (5.5.4.2.3 இ) பந்தியில் குறிப்பிடப்பட்டுள்ள 02 சந்தர்ப்பங்களின் கீழ் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு பின்வரும்

அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 77 வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு**

| 274 மெகா வோட் கொள்ளளவின் கீழ் முழு நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | 26 மெகா வோட் கொள்ளளவின் கீழ் வேறு ஒரு மூலத்திலிருந்து பெற்றுக்கொள்ள வேண்டிய மின்சக்தி (கி.வா.ம) | |
|---|---|---|
| | 01 வது சந்தர்ப்பம் | 02 வது சந்தர்ப்பம் |
| 20.1 | 12,638,469 | 9,478,852 |

குறிப்பு: வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு மேலே உள்ள அட்டவணையில் குறிப்பிடப்பட்டுள்ளதுடன், அது மின்நிலையத்தை உண்மையில் இயக்கக்கூடிய கொள்ளளவு மற்றும் அதற்கேற்ப ஏற்படும் சக்திப் பற்றாக்குறை என்பவற்றுக்கு ஏற்ப மாற்றமடையக்கூடும்.

**Viii எட்டாவது கப்பல் வாரத்தின் போது தரப் பரிசோதனை செய்தல் - (கப்பல் சரக்குத் தொகுதி இலக்கம் 463/25-26/19)**

(அ). மேலே உள்ள அட்டவணை இலக்கம் 24, 26, 28, 29, 32 ஆகியவற்றின் படி, 5 அளவீடுகள் உடன்படிக்கையில் குறிப்பிடப்பட்டுள்ள தரப்படுத்தப்பட்ட பெறுமதிகளை விட அதிகரித்திருந்தன. அதற்கமைய, எட்டாவது கப்பல் சரக்குத் தொகுதியிலிருந்து அறவிடக்கூடிய மொத்த தண்டப்பணம் ரூபா 168.8 மில்லியன் என லக்விஜய மின்நிலையத்தினால் கணக்கிடப்பட்டிருந்தது.

**அட்டவணை இலக்கம்: 78 அறவிடப்பட வேண்டிய மொத்த தண்டப்பணம்**

| **இலக்கம்** | **அளவீடு** | **வேறுபாடு** | **தண்டப்பணம் (ஐ.அ.டொ)** |
|---|---|---|---|
| 1 | மொத்த கலோரி பெறுமதி | (6150 – 5964) = 186 | 196,161.96 |
| 2 | ஆவியாகக் கூடிய திரவியம் | (25 - 24.87) = 0.13 | 2,698.18 |
| 3 | கந்தகம் | (0.64 - 0.5) = 0.14 | 29,057.28 |
| 4 | சாம்பல் | (15.68 – 11) = 4.68 | 194,268.68 |
| 5 | Grain அளவு 02 மில்லிமீட்டருக்கும் குறைவானது | (24.86 - 22.5) = 2.36 | 122,455.69 |
| **மொத்தம்** | | | **544,641.78** |
| **ரூபாய் பெறுமதி** | | | **168,838,953.03** |

(ஆ) மேலே குறிப்பிடப்பட்ட நிலக்கரி கப்பல் சரக்குத் தொகுதி 2026 பெப்ரவரி 15 ஆம் திகதி முதல் தரையிறக்கப்பட்டிருந்ததுடன், நிலக்கரி இருப்புகளைத் தரையிறக்கும் போது அதில் ஒரு பகுதி நேரடியாகச் களஞ்சிய அறைகளில் நிரப்பப்பட்டமையினால், இந்த நிலக்கரி இருப்பின் ஒரு பகுதி (ஏறத்தாழ 5,318 மெட்ரிக் தொன்) 2026 பெப்ரவரி 15 பி.ப 9.10 மணி முதல் 2026 பெப்ரவரி 16 பி.ப 5.37 மணி வரை அலகு இலக்கம் 01 மற்றும் 03 இன் களஞ்சிய அறைகளில் நிரப்பப்பட்டிருந்தமை லக்விஜய மின்நிலையத்தின் எரிபொருள் கையாளும் (செயற்பாட்டு) பிரிவிடமிருந்து பெற்றுக்கொள்ளப்பட்ட தகவல்களின்படி அவதானிக்கப்பட்டது. **(இணைப்பு 86)** அதற்கமைய, 2026 பெப்ரவரி 16 ஆம் திகதி அலகு இலக்கம் 01 மற்றும் 03 இயங்கியதன் மூலம் ஒரு நாளில் உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரி அளவுகள்

குறித்த விபரங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 79 அலகு இலக்கம் 01 மற்றும் 03 ஆகியவற்றின் செயற்பாட்டினால் தினசரி உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரியின் அளவுகள் - 2026 பெப்ரவரி 16 ஆம் திகதி.**

| திகதி | அலகு இலக்கம் 01 | | | | அலகு இலக்கம் 03 | | | |
|---|---|---|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) |
| 16/2/2026 | 6288.52 | 2592.74 | - | 0.412 | 5821.87 | 2352.05 | - | 0.404 |

(இ) மின்நிலையத்தின் பிரதான கட்டுப்பாட்டு அலகின் செயற்பாட்டு உத்தியோகத்தர்களினால் ஒவ்வொரு அலகு தொடர்பாகவும் பராமரிக்கப்படும் பதிவுப் புத்தகத்தின் படி, மேற்குறிப்பிட்ட திகதிகளில் நிலக்கரி இருப்பு நுகர்வு விகிதங்கள் தொடர்பாகக் குறிப்பிடப்பட்டிருந்த விசேட சந்தர்ப்பங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 80 பதிவேட்டின படி நிலக்கரி இருப்பு நுகர்வு விகிதங்கள் - 2026 பெப்ரவரி 16.**

| அலகு 01 | |
|---|---|
| **திகதி மற்றும் நேரம்** | **குறிப்பு** |
| 2026/02/16 பி..ப 01.53 | அமைப்பினை கட்டுப்பாட்டுப் பிரிவினால் 300 மெகாவோட் கொள்ளளவு கோரப்பட்ட போதிலும், தென்னாப்பிரிக்க நிலக்கரி களஞ்சியத் தொட்டிகளில் காணப்படுவதால் அதிகபட்சமாக 265 மெகாவோட் கொள்ளளவுக்கே செல்ல முடியும். |

(ஈ) மேலும், மேற்குறிப்பிட்ட திகதிக்குரிய (பெப்ரவரி 16) கடத்துகை பிரிவின் தொகுதி கட்டுப்பாட்டுப் பிரிவினால் தினசரி தயாரிக்கப்படும் மின்சக்தி தொகுதி அறிக்கையின்படி, இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சக்தி தொகுதிக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவிலிருந்து (துணை மின் நுகர்வைக் கழித்த பிறகு), அதாவது சுமார் 270 மெகாவோட் கொள்ளளவில், அலகு 01 மற்றும் அலகு 03 இயங்கிய கொள்ளளவு மற்றும் அது தொடர்பான குறிப்பு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 81 இரவு நேர உச்ச கேள்வி காலப்பகுதியில், மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவுகள் - 2026 பெப்ரவரி 16.**

| திகதி | அலகு | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவு (மெகா வோட்) | இரவு நேர அதிகப்படியான மின் தேவை காலப்பகுதியில் இயங்கிய கொள்ளளவு (மெகா வோட்) | குறிப்பு |
|---|---|---|---|---|
| 2026/02/16 | 01 | 270 | 231 | இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 231 மெகாவோட் ஆகும். / அரைக்கும் அலகுகளின் செயற்பாடு மட்டுப்படுத்தப்பட்டது. |
| | 03 | 270 | 237 | இரவு நேர உச்சப்பயன்பாட்டு காலத்தில் பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 231 மெகாவோட் ஆகும். / CW intake blockage. |

(உ) நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய நட்டத்தை இனங்காணுதல்

2026 பெப்ரவரி 15 பி.ப. 9.10 முதல் 2026 பெப்ரவரி 16 பி.ப. 5.37 வரை அலகு 01 மற்றும் 03 இன் களஞ்சியசாலைகளில் நிரப்பப்பட்ட (மின்நிலையத்தின் எரிபொருள் கையாளல் பிரிவு வழங்கிய தகவல்களின்படி) நிலக்கரி கையிருப்பின் (சுமார் 5,318 மெட்ரிக் தொன்) சராசரி நுகர்வு விகிதம் ஒரு கிலோவாட் மணித்தியாலத்திற்கு சுமார் 451 கிராம் என்பதும், இந்த நிலக்கரியைப் பயன்படுத்தி சுமார் 257 மெகாவோட் சராசரி கொள்ளளவில் மின்நிலையத்தை இயக்க முடியும் என்பதும் லக்விஜய மின்நிலையத்தினால் உறுதிப்படுத்தப்பட்டுள்ளது. அந்தப் பெறுமானங்களைப் பயன்படுத்தி, புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரியின் அதிக நுகர்வினால் ஏற்படும் நட்டத்தை பின்வருமாறு இனங்காணலாம். **(இணைப்பு 87)**

**அட்டவணை இலக்கம்: 82 இறக்குமதி செய்யப்பட்ட புதிய நிலக்கரித் தொகுதியின் அதிகப்படியான நுகர்வு மற்றும் கணக்கிடப்பட்ட நட்டம்.**

| 257 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ (தரப்படுத்தப்ப | 257 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்பட்ட நிலக்கரி மெ.தொ (சராசரி | ஒரு மணித்தியாலத்திற்கு மேலதிகமாக எரிக்கப்படும் நிலக்கரி மெ.தொ | 257 மெகா வோட் கொள்ளளவின் கீழ் மொத்த நிலக்கரி கையிருப்பை பயும் பயன்படுத்த | மேலதிகமாக எரிக்கப்படும் மொத்த நிலக்கரி மெ.தொ | நிலக்கரி ஒரு மெற்றிக் தொன்னிற்கான அலகுச் செலவு (ரூபா) | நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய மதிப்பிடப்பட்ட நட்டம் (ரூபா மில்லியன் |
|---|---|---|---|---|---|---|

| ட்ட சராசரி அளவு) | அளவு) | | க்கூடிய நாட்களின் எண்ணிக்கை | | | ) |
|---|---|---|---|---|---|---|
| 96.21 | 115.67 | 19.46 | 21.7 | 10,150.04 | 38,672 | 392.5 |

(ஊ) முழுத் கொள்ளளவைப் பூர்த்தி செய்ய முடியாமையினால் வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு

மேலே குறிப்பிடப்பட்டுள்ளவாறு, இந்த நிலக்கரியைப் பயன்படுத்தி மின்நிலையத்தை இயக்கக்கூடிய கொள்ளளவு சுமார் 257 மெகாவோட் ஆக இருக்குமாயின், எஞ்சிய 43 மெகாவோட் மின்சாரத் தேவையை வேறு மூலங்கள் மூலம் பெற்றுக்கொள்ள நேரிடும் சந்தர்ப்பத்தில், அந்த எஞ்சிய மின்சாரத் தேவையை அதிக செலவுடைய களனிதிஸ்ஸ ஒருங்கிணைந்த சுழற்சி மின்நிலையம் 02 மூலம் பெற்றுக்கொள்ள நேரிட்டால், மேலே (5.5.4.2.3 இ) பந்தியில் குறிப்பிடப்பட்டுள்ள 02 சந்தர்ப்பங்களின் கீழ் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 83 வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு**

| 287 மெகா வோட் கொள்ளளவின் கீழ் முழு நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | 13 மெகா வோட் கொள்ளளவின் கீழ் வேறு ஒரு மூலத்திலிருந்து பெற்றுக்கொள்ள வேண்டிய மின்சக்தி (கி.வா.ம) | |
|---|---|---|
| | 01 வது சந்தர்ப்பம் | 02 வது சந்தர்ப்பம் |
| 21.7 | 22,658,492 | 15,105,661 |

குறிப்பு: வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு மேலே உள்ள அட்டவணையில் குறிப்பிடப்பட்டுள்ளதுடன், அது மின்நிலையத்தை உண்மையில் இயக்கக்கூடிய கொள்ளளவு மற்றும் அதற்கேற்ப ஏற்படும் சக்திப் பற்றாக்குறை என்பவற்றுக்கு ஏற்ப மாற்றமடையக்கூடும்.

**ix புதிய கப்பல் வருகையின் போது தரப் பரிசோதனை செய்தல் - ( கப்பல் சரக்குத் தொகுதி இலக்கம் 464/25-26/20)**

(அ) மேற்கூறிய அட்டவணை இலக்கம் 24, 26, 28, 29, 32 இன் படி, 5 அளவீடுகள் உடன்படிக்கையில் குறிப்பிடப்பட்டுள்ள தரநிலை மதிப்புகளை விட அதிகமாகக் காணப்பட்டதுடன், அவற்றுள் 2 அளவீடுகள், அதாவது மொத்த கலோரி பெறுமதி மற்றும் சாம்பல் உள்ளடக்கம் என்பன நிராகரிக்கத்தக்க மட்டங்களில் காணப்பட்டன. அதற்கமைய, ஒன்பதாவது கப்பல் சரக்குத் தொகுதியிலிருந்து அறவிடக்கூடிய மொத்த தண்டப் பணம் ரூபா 678.5 மில்லியன் என லக்விஜய மின்நிலையத்தினால் கணக்கிடப்பட்டிருந்தது.

**அட்டவணை இலக்கம்: 84 அறவிடப்பட வேண்டிய மொத்த தண்டப்பணம்**

| இலக்கம் | அளவீடு | வேறுபாடு | தண்டப்பணம் (ஐ.அ.டொ) |
|---|---|---|---|
| 1 | மொத்த கலோரி பெறுமதி | (6150 – 5543) = 607 | 1,151,274 |
| 2 | ஆவியாகக் கூடிய திரவியம் | (25 - 24.21) = 0.79 | 16,422 |
| 3 | கந்தகம் | (0.69 - 0.5) = 0.19 | 39,497 |

| | | | |
|---|---|---|---|
| 4 | சாம்பல் | (22.46 - 11) = 11.46 | 839,768 |
| 5 | Grain அளவு 02 மில்லிமீட்டருக்கும் குறைவானது | (25.23 - 22.5) = 2.73 | 141,877 |
| **மொத்தம்** | | | **2,188,841** |
| **ரூபாய் பெறுமதி** | | | **678,540,710** |

(ஆ) மேற்கூறிய நிலக்கரிச் சரக்குத் தொகுதியானது 2021 பெப்ரவரி 21 ஆம் திகதியிலிருந்து தரையிறக்கப்பட்டிருந்ததுடன், நிலக்கரி இறக்கப்படும் போது அதன் ஒரு பகுதி நேரடியாக நிலக்கரிச் சேமிப்புத் தொட்டிகளுக்கு நிரப்பப்படுவதனால், இச் சரக்குத் தொகுதியின் ஒரு பகுதி (சுமார் 6,750 மெட்ரிக் தொன்) 2026 பெப்ரவரி 21 பி.ப 9.29 மணி முதல் 2026 பெப்ரவரி 22 பி.ப 11.45 மணி வரை அலகுகள் 01 மற்றும் 03 இன் சேமிப்புத் தொட்டிகளுக்கு நிரப்பப்பட்டிருந்தமை லக்விஜய மின்நிலையத்தின் எரிபொருள் கையாள்கை (செயற்பாட்டுப்) பிரிவிடமிருந்து பெறப்பட்ட தகவல்களுக்கமைய அவதானிக்கப்பட்டது. **(இணைப்பு 86)** அதற்கமைய, 2026 பெப்ரவரி 22 முதல் 2026 பெப்ரவரி 23 வரை அலகுகள் 01 மற்றும் 03 இன் இயக்கத்தின் மூலம் நாளாந்தம் உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காகப் பயன்படுத்தப்பட்ட நிலக்கரியின் அளவு தொடர்பான விபரங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 85 அலகு இலக்கம் 01 மற்றும் 03 ஆகியவற்றின் செயற்பாட்டினால் தினசரி உற்பத்தி செய்யப்பட்ட மின்சாரத்திற்காக நுகரப்பட்ட நிலக்கரியின் அளவுகள் - 2026 பெப்ரவரி 22 ஆம் திகதி முதல் 2026 பெப்ரவரி 23 ஆம் திகதி வரை**

| திகதி | அலகு இலக்கம் 01 | | | | அலகு இலக்கம் 03 | | | |
|---|---|---|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) |
| 22/2/2026 | 6080.7 | 2519.98 | - | 0.414 | 5431.44 | 2144.88 | - | 0.395 |
| 23/2/2026 | 6241.82 | 2767.44 | - | 0.443 | 6226.06 | 2616.77 | - | 0.420 |

(இ) மின்நிலையத்தின் பிரதான கட்டுப்பாட்டுப் பிரிவின் செயற்பாட்டு உத்தியோகத்தர்களினால் ஒவ்வொரு அலகிற்கும் ஏற்ப பராமரிக்கப்படும் பதிவுப் புத்தகத்தின் படி, மேற்குறிப்பிட்ட காலப்பகுதியில் நிலக்கரி நுகர்வு வீதங்கள் தொடர்பாகக் குறிப்பிடப்பட்டிருந்த விசேட விடயங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன. **(இணைப்பு 77)**

**அட்டவணை இலக்கம்: 86 பதிவேட்டின் படி நிலக்கரி இருப்பு நுகர்வு விகிதங்கள் - 2026 பெப்ரவரி 22 ஆம் திகதி முதல் 2026 பெப்ரவரி 23 ஆம் திகதி வரை.**

| அலகு 03 | | அலகு 01 | |
|---|---|---|---|
| **திகதி மற்றும் நேரம்** | **குறிப்பு** | **திகதி மற்றும் நேரம்** | **குறிப்பு** |
| 2026/02/22 பி..ப 06.16 | அதிக நிலக்கரி நுகர்வு வீதம் (மணித்தியாலத்திற்கு 116 தொன்களுக்கு மேல்) காரணமாக அலகின் கொள்ளளவை 283 மெகாவோட்டில் பேணுதல். | 2026/02/22 பி..ப 03.10 | மணித்தியாலத்திற்கு 105 தொன் நிலக்கரியைப் பயன்படுத்துவதன் மூலம் அலகானது 240 மெகாவோட் கொள்ளளவின் கீழ் இயக்கப்படுகின்றது. |
| 2026/02/22 பி..ப 06.38 | அதிக நிலக்கரி நுகர்வு வீதம் (மணித்தியாலத்திற்கு 118 தொன்களுக்கு மேல்) காரணமாக அலகின் கொள்ளளவை 275 மெகாவோட் வரை குறைத்தல். | | |
| 2026/02/22 பி..ப 07.17 | அலகை 280 மெகாவோட் கொள்ளளவில் இயக்குதல். | | |
| 2026/02/22 பி..ப 08.05 | பிரதான நீராவி அழுத்தம் குறைந்தமையால் அலகின் கொள்ளளவை 275 மெகாவோட் வரை குறைத்தல். | | |
| 2026/02/22 பி..ப 08.14 | பிரதான நீராவி அழுத்தம் குறைந்தமையால் அலகின் கொள்ளளவை 270 மெகாவோட் வரை குறைத்தல். | | |
| 2026/02/23 பி..ப 03.37 | நிலக்கரி நுகர்வு வீதம் மணித்தியாலத்திற்கு 116 தொன்களை எட்டியமையால், அலகின் கொள்ளளவை 270 மெகாவோட் இன் கீழ் இயக்குதல். | | |

(ஈ) மேலே குறிப்பிட்ட திகதிகளுக்குரிய (பெப்ரவரி 22) கடத்தல் பிரிவின் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் தினசரி தயாரிக்கப்படும் மின்சாரக் கட்டமைப்பு அறிக்கையின்படி, இரவு நேர உச்சப்பயன்பாட்டு நேரத்தில் மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவிலிருந்து (துணை மின்சார நுகர்வைக் கழித்த பின்னர்), அதாவது சுமார் 270 மெகாவோட் கொள்ளளவில், அலகுகள் 01 மற்றும் 03 இயக்கப்பட்ட கொள்ளளவு மற்றும் அது தொடர்பான குறிப்புக்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம் : 87 இரவு நேர உச்ச கேள்வி காலப்பகுதியில், மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவுகள் - 2026 பெப்ரவரி 22 மற்றும் 23.**

| திகதி | அலகு | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவு (மெகா வோட்) | இரவு நேர அதிகப்படியான மின் தேவை காலப்பகுதியில் இயங்கிய கொள்ளளவு (மெகா வோட்) | குறிப்பு |
|---|---|---|---|---|
| 2026/02/22 | 01 | 270 | 232 | இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 232 மெகாவோட் ஆகும். / அரைக்கும் அலகுகளின் செயற்பாடு மட்டுப்படுத்தப்பட்டது. |
| | 03 | 270 | 245 | இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 245 மெகாவோட் ஆகும். |

(உ) நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய நட்டத்தை அடையாளம் காணல்

2026 பெப்ரவரி 21 பி.ப 9.29 மணி முதல் 2026 பெப்ரவரி 22 பி.ப 11.45 மணி வரை அலகுகள் 01 மற்றும் 03 இன் சேமிப்புத் தொட்டிகளுக்கு நிரப்பப்பட்ட (மின்நிலையத்தின் எரிபொருள் கையாள்கை செயற்பாட்டுப் பிரிவினால் சமர்ப்பிக்கப்பட்ட தகவல்களுக்கமைய) நிலக்கரிச் சரக்குத் தொகுதியின் (சுமார் 6,750 மெட்ரிக் தொன்) சராசரி நுகர்வு வீதமானது ஒரு கிலோவாட் மணித்தியாலத்திற்கு சுமார் 452 கிராம் எனவும், இந்நிலக்கரியைப் பயன்படுத்தி சுமார் 260 மெகாவோட் பாரப்படுத்தப்பட்ட சராசரி கொள்ளளவில் மின்நிலையத்தை இயக்க முடியும் எனவும் லக்விஜய மின்நிலையத்தினால் உறுதிப்படுத்தப்பட்டிருந்தது. அவ்விழுமியங்களைப் பயன்படுத்தி, புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரியின் அதிக நுகர்வினால் ஏற்படும் நட்டத்தை பின்வருமாறு அடையாளம் காணலாம். **(இணைப்பு 87)**

**அட்டவணை இலக்கம் : 88 இறக்குமதி செய்யப்பட்ட புதிய நிலக்கரித் தொகுதியின் அதிகப்படியான நுகர்வு மற்றும் கணக்கிடப்பட்ட நட்டம்**

| 260 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்படும் நிலக்கரி மெ.தொ (தரப்படுத்தப்பட்ட சராசரி அளவு) | 260 மெகா வோட் கொள்ளளவில் ஒரு மணித்தியாலத்திற்கு எரிக்கப்பட்ட நிலக்கரி மெ.தொ (சராசரி அளவு) | ஒரு மணித்தியாலத்திற்கு மேலதிகமாக எரிக்கப்படும் நிலக்கரி மெ.தொ | 260 மெகா வோட் கொள்ளளவின் கீழ் மொத்த நிலக்கரி கையிருப்பை பயும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | மேலதிகமாக எரிக்கப்படும் மொத்த நிலக்கரி மெ.தொ | நிலக்கரி ஒரு மெற்றிக் தொன்னிற்கான அலகுச் செலவு (ரூபா) | நிலக்கரி அதிக நுகர்வினால் ஏற்படக்கூடிய மதிப்பிடப்பட்ட நட்டம் (ரூபா மில்லியன்) |
|---|---|---|---|---|---|---|
| 97.38 | 117.36 | 19.97 | 21.5 | 10,281.34 | 38,578 | 396.6 |

(ஊ) முழுத் கொள்ளளவைப் பூர்த்தி செய்ய முடியாமையினால் வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு.

மேலே குறிப்பிடப்பட்டுள்ளவாறு, இந்த நிலக்கரியைப் பயன்படுத்தி மின்நிலையத்தை இயக்கக்கூடிய கொள்ளளவு சுமார் 260 மெகாவோட் ஆக இருக்குமாயின், எஞ்சிய 40 மெகாவோட் மின்சாரத் தேவையை வேறு மூலங்கள் மூலம் பெற்றுக்கொள்ள நேரிடும் சந்தர்ப்பத்தில், மேலே (5.5.4.2.3 இ) பந்தியில் குறிப்பிடப்பட்டுள்ள 02 சந்தர்ப்பங்களின் கீழ் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம்: 89 வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு.**

| 260 மெகா வோட் கொள்ளளவின் கீழ் முழு நிலக்கரி கையிருப்பையும் பயன்படுத்தக்கூடிய நாட்களின் எண்ணிக்கை | 40 மெகா வோட் கொள்ளளவின் கீழ் வேறு ஒரு மூலத்திலிருந்து பெற்றுக்கொள்ள வேண்டிய மின்சக்தி (கி.வா.ம) | |
|---|---|---|
| | 01 வது சந்தர்ப்பம் | 02 வது சந்தர்ப்பம் |
| 21.5 | 20,751,869 | 13,834,580 |

குறிப்பு: வேறு மூலங்கள் மூலம் மேலதிகமாகப் பெற்றுக்கொள்ளப்பட வேண்டிய மதிப்பிடப்பட்ட சக்தி அளவு மேலே உள்ள அட்டவணையில் குறிப்பிடப்பட்டுள்ளதுடன், அது மின்நிலையத்தை உண்மையில் இயக்கக்கூடிய கொள்ளளவு மற்றும் அதற்கேற்ப ஏற்படும் சக்திப் பற்றாக்குறை என்பவற்றுக்கு ஏற்ப மாற்றமடையக்கூடும்.

5.5.5.2.4 2026 மார்ச் 01 ஆம் திகதி பி.ப. 10.40 மணியளவில் (மின்நிலையத்தின் எரிபொருள் கையாள்கை விநியோகப் பிரிவினால் சமர்ப்பிக்கப்பட்ட தகவல்களின்படி) முன்னைய விநியோகஸ்தரால் இறக்குமதி செய்யப்பட்ட நிலக்கரித் தொகுதிகளைக் களஞ்சியத் தொட்டிகளில் நிரப்புதல் நிறைவடைந்ததுடன், அன்றைய தினத்திலிருந்து புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரி களஞ்சியத் தொட்டிகளில் நிரப்பப்பட்டு வருகின்றது. மின்சாரப் பரப்புகை பிரிவின் அமைப்பினை கட்டுப்பாட்டுப் பிரிவினால் தினசரி தயாரிக்கப்படும் மின்சக்தி கட்டமைப்பு அறிக்கைகளின்படி, 2026 மார்ச் 02 முதல் புதிதாக இறக்குமதி செய்யப்பட்ட நிலக்கரித்

தொகுதிகளைப் பயன்படுத்தி மின்சாரம் உற்பத்தி செய்யப்பட்ட நாட்களில், இரவு நேர உச்சப்பயன்பாட்டு காலப்பகுதியில் மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவிலிருந்து (துணை மின்சார நுகர்வைக் கழித்த பிறகு) அதாவது சுமார் 270 மெகாவோட் கொள்ளளவில், ஒவ்வொரு அலகும் இயங்கிய கொள்ளளவு மற்றும் அது தொடர்பான குறிப்பு பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளது.

**அட்டவணை இலக்கம் : 90 இரவு நேர உச்ச கேள்வி காலப்பகுதியில், மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவுகள் - 2026 மார்ச் 02 முதல் 2026 மார்ச் 16 வரை**

| திகதி | அலகு | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக் கூடிய கொள்ளளவு (மெகா வோட்) | இரவு நேர அதிகப்படியான மின் தேவை காலப்பகுதியில் இயங்கிய கொள்ளளவு (மெகா வோட்) | குறிப்பு |
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| 2026/03/02 | 01 | 270 | 270 | அரைக்கும் அலகுகளின் செயற்பாடு மட்டுப்படுத்தப்பட்டது. |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 269 | - |
| 2026/03/03 | 01 | 270 | 270 | அரைக்கும் அலகுகளின் செயற்பாடு மட்டுப்படுத்தப்பட்டது. |
| | 02 | 270 | 271 | - |
| | 03 | 270 | 270 | - |
| 2026/03/04 | 01 | 270 | 225 | அரைக்கும் அலகுகளின் செயற்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 225 மெகாவோட் ஆகும். |
| | 02 | 270 | 255 | இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 255 மெகாவோட் ஆகும். |
| | 03 | 270 | 247 | இரண்டு நிலக்கரி அரைக்கும் அலகுகளில் ஏற்பட்ட அடைப்புகள் / இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 247 மெகாவோட் ஆகும். |
| 2026/03/05 | 01 | 270 | 230 | அரைக்கும் அலகுகளின் செயற்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 230 மெகாவோட் ஆகும். |
| | 02 | 270 | 233 | இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள |

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| | | | | முடிந்த கொள்ளளவு 233 மெகாவோட் ஆகும். |
| | 03 | 270 | 159 | நிலக்கரி அரைக்கும் அலகுகளில் ஏற்பட்ட அடைப்புகளுக்குப் பின்னரான பரிசோதனை / இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 159 மெகாவோட் ஆகும். |
| 2026/03/06 | 01 | 270 | 226 | ஸ்டேட்டர் நீர் குளிரூட்டும் கட்டமைப்பின் பராமரிப்பு / இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 226 மெகாவோட் ஆகும். |
| | 02 | 270 | 205 | இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 205 மெகாவோட் ஆகும். |
| | 03 | 270 | 194 | நிலக்கரி அரைக்கும் அலகுகளில் ஏற்பட்ட அடைப்புகளுக்குப் பின்னரான பரிசோதனை / இரவு நேர உச்சப்பயன்பாட்டு நேரத்தின் போது பெற்றுக்கொள்ள முடிந்த கொள்ளளவு 194 மெகாவோட் ஆகும். |
| 2026/03/07 | 01 | 270 | 0 | ஸ்டேட்டர் நீர் குளிரூட்டும் அமைப்பின் பராமரிப்பு |
| | 02 | 270 | 262 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 262 மெகாவோட் ஆகும். |
| | 03 | 270 | 240 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 240 மெகாவோட் ஆகும். |
| 2026/03/08 | 01 | 270 | 0 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 0 மெகாவோட் ஆகும். |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 245 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 245 மெகாவோட் ஆகும். |
| 2026/03/09 | 01 | 270 | 251 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 251 மெகாவோட் ஆகும். |
| | 02 | 270 | 269 | - |

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| | 03 | 270 | 260 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 260 மெகாவோட் ஆகும். |
| 2026/03/10 | 01 | 270 | 257 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 257 மெகாவோட் ஆகும். |
| | 02 | 270 | 271 | - |
| | 03 | 270 | 263 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 263 மெகாவோட் ஆகும். |
| 2026/03/11 | 01 | 270 | 253 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 253 மெகாவோட் ஆகும். |
| | 02 | 270 | 269 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 269 மெகாவோட் ஆகும். |
| | 03 | 270 | 266 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 266 மெகாவோட் ஆகும். |
| 2026/03/12 | 01 | 270 | 252 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 252 மெகாவோட் ஆகும். |
| | 02 | 270 | 256 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 256 மெகாவோட் ஆகும். |
| | 03 | 270 | 251 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 251 மெகாவோட் ஆகும். |
| 2026/03/13 | 01 | 270 | 219 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 219 மெகாவோட் ஆகும். |
| | 02 | 270 | 231 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 231 மெகாவோட் ஆகும். |

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| | 03 | 270 | 230 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 230 மெகாவோட் ஆகும். |
| 2026/03/14 | 01 | 270 | 217 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 217 மெகாவோட் ஆகும். |
| | 02 | 270 | 228 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 228 மெகாவோட் ஆகும். |
| | 03 | 270 | 230 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 230 மெகாவோட் ஆகும். |
| 2026/03/15 | 01 | 270 | 216 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 216 மெகாவோட் ஆகும். |
| | 02 | 270 | 230 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 230 மெகாவோட் ஆகும். |
| | 03 | 270 | 232 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 232 மெகாவோட் ஆகும். |
| 2026/03/16 | 01 | 270 | 214 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது. / இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 214 மெகாவோட் ஆகும். |
| | 02 | 270 | 226 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 226 மெகாவோட் ஆகும். |
| | 03 | 270 | 222 | இரவு நேர உச்ச பயன்பாட்டு காலத்தில் பெறக்கூடியதாக இருந்த கொள்ளளவு 222 மெகாவோட் ஆகும். |

5.5.5.2.5 **கடந்த விநியோகஸ்தரால் இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புகளின் தற்போதைய செயல்திறன்**

(அ) புதிய விநியோகஸ்தரிடமிருந்து இறக்குமதி செய்யப்பட்ட நிலக்கரி 2026 ஜனவரி 01 ஆம் திகதி முதல் தரையிறக்கப்பட்டது. அந்த நிலக்கரி கையிருப்புகள் தரையிறக்கப்படும் வேளையில், அவற்றில் ஒரு பகுதி நேரடியாக நிலக்கரி களஞ்சிய அறைகளுக்குள் ஏற்றப்பட்டதுடன், அந்த நிலக்கரியைக் கொண்டு 2026 ஜனவரி 02 ஆம் திகதி முதல் குறிப்பிட்ட சில தினங்களில் மின்சாரம் உற்பத்தி செய்யப்பட்டது. இக்காலப்பகுதியில் கடந்த விநியோகஸ்தரால் இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புகளைப் பயன்படுத்தியும் சில தினங்களில் மின்சாரம் உற்பத்தி செய்யப்பட்டது. 2026 ஜனவரி மாதத்தில் கடந்த விநியோகஸ்தரால் இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புகளைப் பயன்படுத்தி மின்சாரம் உற்பத்தி செய்யப்பட்ட தினங்களில், நிலக்கரி நுகர்வு வீதம் தொடர்பான தகவல்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன. (இணைப்பு 86)

**அட்டவணை இலக்கம்: 91 2026 ஜனவரி மாதத்தில் முந்தைய விநியோகஸ்தரால் இறக்குமதி செய்யப்பட்ட நிலக்கரி கையிருப்புகளைப் பயன்படுத்தி மின்சாரம் உற்பத்தி செய்யப்பட்ட நாட்களில் நிலக்கரி நுகர்வு விகிதம்.**

| திகதி | அலகு இலக்கம் 01 | | | | | அலகு இலக்கம் 02 | | | | | அலகு இலக்கம் 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (கெ.வோ.ம) | துணை மின் நுகர்வு (கெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (லைட் ஒயில்) | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கிராமாக இருந்த சராசரி | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (கெ.வோ.ம) | துணை மின் நுகர்வு (கெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (லைட் ஒயில்) | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கிராமாக இருந்த சராசரி | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (கெ.வோ.ம) | துணை மின் நுகர்வு (கெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (லைட் ஒயில்) | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கிராமாக இருந்த சராசரி |
| 1/1/2026 | - | 51.07 | - | - | - | - | 34.05 | - | - | - | 7,120.89 | 605.94 | 2,587.75 | - | 0.363 |
| 1/10/2026 | - | 109.29 | - | - | - | - | 89.41 | - | 55,160.70 | - | 7,075.21 | 647.41 | 2,563.82 | - | 0.362 |
| 1/11/2026 | - | 171.27 | - | - | - | 173.23 | 86.92 | 102.19 | 108,623.41 | 0.59 | 6,453.53 | 630.76 | 2,352.48 | - | 0.365 |
| 1/12/2026 | - | 111.92 | - | - | - | 4,959.78 | 407.73 | 1,874.90 | 46,748.33 | 0.378 | 7,105.49 | 653.24 | 2,482.37 | - | 0.349 |
| 1/13/2026 | - | 60.54 | - | - | - | 7,074.17 | 555.99 | 2,512.78 | - | 0.355 | 7,011.89 | 652.89 | 2,526.05 | 727.71 | 0.36 |
| 1/14/2026 | - | 63.66 | - | - | - | 6,934.41 | 550.74 | 2,502.79 | - | 0.361 | 6,821.48 | 643.13 | 2,515.54 | - | 0.369 |
| 1/15/2026 | - | 56.2 | - | - | - | 6,969.26 | 517.51 | 2,212.54 | 16,620.99 | 0.365 | 6,264.65 | 616.47 | 2,304.10 | - | 0.373 |
| 1/16/2026 | - | 54.3 | - | - | - | 6,442.13 | 550.13 | 2,369.50 | - | 0.368 | 6,491.60 | 622.48 | 2,440.75 | - | 0.376 |
| 1/17/2026 | - | 85.14 | - | - | - | 6,572.05 | 561.17 | 2,378.83 | - | 0.362 | 6,424.08 | 623.8 | 2,377.61 | - | 0.37 |
| 1/18/2026 | - | 142.84 | - | 5,676.17 | - | 6,086.40 | 540.68 | 2,274.50 | 5,064.89 | 0.374 | 6,318.19 | 619.77 | 2,341.80 | - | 0.371 |
| 1/19/2026 | 3,790.57 | 430.52 | 1,473.94 | 78,476.65 | 0.389 | 6,645.12 | 564.12 | 2,428.54 | - | 0.365 | 6,572.73 | 621.4 | 2,424.36 | - | 0.369 |
| 1/20/2026 | 6,563.66 | 662.77 | 2,582.80 | - | 0.394 | 6,290.83 | 575.63 | 2,350.68 | - | 0.374 | 6,286.50 | 606.3 | 2,358.79 | - | 0.375 |
| 1/21/2026 | 6,774.94 | 676.57 | 2,635.84 | - | 0.374 | 6,450.25 | 572.8 | 2,386.65 | - | 0.355 | 6,387.28 | 614.9 | 2,382.47 | - | 0.357 |
| 1/24/2026 | 6,765.00 | 679.63 | 2,580.55 | - | 0.381 | 6,437.64 | 569.32 | 2,320.22 | - | 0.36 | 6,390.76 | 622.06 | 2,311.99 | - | 0.362 |
| 1/25/2026 | 6,636.94 | 666.94 | 2,561.64 | - | 0.386 | 6,208.64 | 572.39 | 2,266.08 | 149.34 | 0.365 | 6,185.31 | 604.86 | 2,266.46 | - | 0.366 |
| 1/26/2026 | 6,639.01 | 674.69 | 2,553.82 | 2,969.07 | 0.385 | 6,601.76 | 600.04 | 2,380.70 | 59.22 | 0.361 | 6,493.96 | 605.04 | 2,377.78 | - | 0.366 |
| 1/29/2026 | 6,796.29 | 668.79 | 2,566.73 | - | 0.379 | 6,431.82 | 640.24 | 2,304.46 | - | 0.358 | 6,416.32 | 622.65 | 2,316.55 | - | 0.361 |
| 1/30/2026 | 7,102.36 | 692.2 | 2,680.18 | - | 0.377 | 7,068.20 | 675.73 | 2,503.32 | - | 0.354 | 7,084.17 | 655.57 | 2,491.58 | - | 0.351 |
| 1/31/2026 | 6,780.13 | 669.65 | 2,559.48 | - | 0.377 | 6,473.50 | 647.27 | 2,318.23 | - | 0.358 | 6,405.01 | 620.71 | 2,302.82 | - | 0.36 |

(ஆ) அதேபோன்று, மின்சாரப் பகிர்மானப் பிரிவின் கட்டமைப்பு கட்டுப்பாட்டுப் பிரிவினால் தினசரி தயாரிக்கப்படும் மின்சாரக் கட்டமைப்பு அறிக்கைகளின்படி, 2026 ஜனவரி மாதத்தில் கடந்த விநியோகஸ்தரால் இறக்குமதி செய்யப்பட்ட நிலக்கரி இருப்புகளைப் பயன்படுத்தி மின்சாரம் உற்பத்தி செய்யப்பட்ட தினங்களில், இரவு நேர உச்ச பயன்பாட்டு காலத்தில் மின் உற்பத்தி நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவிலிருந்து (துணை மின் நுகர்வைக் கழித்த பின்னர்), அதாவது சுமார் 270 மெகாவோட் கொள்ளளவிலிருந்து ஒவ்வொரு அலகும் இயங்கிய கொள்ளளவு மற்றும் அது தொடர்பான குறிப்புகள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளன.

**அட்டவணை இலக்கம்: 92 இரவு நேர உச்ச கேள்வி காலப்பகுதியில், (முந்தைய விநியோகஸ்தரால் 2026 ஜனவரி மாதத்தில் இறக்குமதி செய்யப்பட்ட நிலக்கரி கையிருப்புகளைப் பயன்படுத்தி) மின்நிலையத்தின் ஒவ்வொரு அலகிலிருந்தும் மின்சாரக் கட்டமைப்பிற்குப் பெற்றுக்கொள்ளக்கூடிய கொள்ளளவுகள்.**

| திகதி | அலகு | மின்சாரக் கட்டமைப்புக்கு பெற்றுக்கொள்ளக்கூடிய கொள்ளளவு (மெகா வோட்) | இரவு நேர அதிகப்படியான மின் தேவை காலப்பகுதியில் இயங்கிய கொள்ளளவு (மெகா வோட்) | குறிப்பு |
|---|---|---|---|---|
| 2026/01/01 | 03 | 270 | 275 | - |
| 2026/01/09 | 03 | 270 | 266 | - |
| 2026/01/10 | 03 | 270 | 267 | - |
| 2026/01/11 | 03 | 270 | 269 | - |
| 2026/01/12 | 02 | 270 | 276 | - |
| | 03 | 270 | 269 | - |
| 2026/01/13 | 02 | 270 | 276 | - |
| | 03 | 270 | 269 | - |
| 2026/01/14 | 02 | 270 | 275 | - |
| | 03 | 270 | 270 | - |
| 2026/01/15 | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/16 | 02 | 270 | 274 | - |
| | 03 | 270 | 270 | - |
| 2026/01/17 | 02 | 270 | 281 | - |
| | 03 | 270 | 270 | - |
| 2026/01/18 | 02 | 270 | 272 | - |
| | 03 | 270 | 269 | - |
| 2026/01/19 | 01 | 270 | 270 | - |
| | 02 | 270 | 275 | - |
| | 03 | 270 | 269 | - |
| 2026/01/22 | 01 | 270 | 268 | - |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/23 | 01 | 270 | 268 | - |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/24 | 01 | 270 | 268 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது |
| | 02 | 270 | 276 | - |
| | 03 | 270 | 269 | - |
| 2026/01/25 | 01 | 270 | 269 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |

| | | | | |
|---|---|---|---|---|
| 2026/01/26 | 01 | 270 | 269 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 270 | - |
| 2026/01/28 | 01 | 270 | 268 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 270 | - |
| 2026/01/29 | 01 | 270 | 269 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 269 | - |
| 2026/01/30 | 01 | 270 | 269 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 270 | - |
| 2026/01/31 | 01 | 270 | 270 | அரைக்கும் அலகுகளின் செயல்பாடு மட்டுப்படுத்தப்பட்டது |
| | 02 | 270 | 272 | - |
| | 03 | 270 | 270 | - |

அலகு இலக்கம் 02 இனால் பராமரிக்கப்பட்ட நாட்குறிப்புப் புத்தகத்தின் படி, 2026 பெப்ரவரி 01 ஆம் திகதி பராமரிப்புக் குழுவினால் வால்வு செயலிழப்பைச் சீர்செய்ய முடியாத காரணத்தினால், ரஷ்ய நிலக்கரியை மாத்திரம் நிரப்புமாறு CCR மின்சாரப் பொறுப்பதிகாரிக்கு அறிவுறுத்தப்பட்டிருந்தது. அதற்கமைய, 2026 பெப்ரவரி 01 ஆம் திகதி முதல் 2026 மார்ச் 01 ஆம் திகதி பி.ப 10.40 மணி வரை ரஷ்ய நிலக்கரி மாத்திரம் நிரப்பப்பட்டது. அக்காலப்பகுதியில் நிலக்கரி நுகர்வு வீதங்கள் பின்வரும் அட்டவணையில் காட்டப்பட்டுள்ளதுடன், அந்த வீதங்கள் சாதாரண நிலக்கரி நுகர்வு வீதமான 375 கிராம் நிலக்கரி என்ற அளவை விடக் குறைவான மதிப்பைக் கொண்டிருந்தன. (இணைப்பு 86)

**அட்டவணை இலக்கம்: 93 ரஷ்ய நிலக்கரி மாத்திரம் நிரப்பப்பட்ட போது, 2026 பெப்ரவரி 01 ஆம் திகதி முதல் 2026 மார்ச் 01 ஆம் திகதி வரையான காலப்பகுதியில் நிலக்கரி நுகர்வு விகிதங்கள்.**

| திகதி | அலகு இலக்கம் 02 | | | |
|---|---|---|---|---|
| | உற்பத்தி செய்யப்பட்ட மொத்த மின்சக்தி (மெ.வோ.ம) | நுகரப்பட்ட நிலக்கரி (தொன்) | நுகரப்பட்ட எரிபொருள் (டீசல்) லீற்றர் | ஒரு கிலோவாட் மணித்தியாலத்திற்கு கி.கி(நாளாந்த சராசரி) |
| 01.02.2026 | 6,351.85 | 2,259.02 | - | 0.356 |
| 02.02.2026 | 6,956.76 | 2,494.13 | - | 0.359 |
| 03.02.2026 | 6,922.43 | 2,459.45 | - | 0.355 |
| 04.02.2026 | 6,218.79 | 2,265.98 | - | 0.364 |
| 05.02.2026 | 6,758.57 | 2,443.46 | 291.09 (லீற்றர்) | 0.362 |
| 06.02.2026 | 7,194.20 | 2,493.22 | - | 0.347 |

| | | | | |
|---|---|---|---|---|
| 07.02.2026 | 6,849.05 | 2,409.96 | - | 0.352 |
| 08.02.2026 | 6,124.99 | 2,200.27 | - | 0.359 |
| 09.02.2026 | 6,531.08 | 2,297.21 | - | 0.352 |
| 10.02.2026 | 6505.63 | 2276.74 | - | 0.350 |
| 11.02.2026 | 6515.25 | 2266.22 | - | 0.348 |
| 12.02.2026 | 6915.99 | 2434.8 | - | 0.352 |
| 13.02.2026 | 6765.68 | 2365.51 | - | 0.350 |
| 14.02.2026 | 7141.55 | 2520.05 | - | 0.353 |
| 15.02.2026 | 6591.19 | 2306.33 | - | 0.350 |
| 16.02.2026 | 6538.71 | 2285.45 | - | 0.350 |
| 17.02.2026 | 7190.56 | 2495.23 | - | 0.347 |
| 18.02.2026 | 7232.81 | 2509.27 | - | 0.347 |
| 19.02.2026 | 6990.22 | 2438.81 | - | 0.349 |
| 20.02.2026 | 7140.36 | 2461.46 | - | 0.345 |
| 21.02.2026 | 7145.54 | 2486.38 | - | 0.348 |
| 22.02.2026 | 5959.34 | 2116.51 | - | 0.355 |
| 23.02.2026 | 6579.71 | 2343.26 | - | 0.356 |
| 24.02.2026 | 6754.36 | 2382.82 | - | 0.353 |
| 25.02.2026 | 6556.48 | 2314.15 | 0.12 | 0.353 |
| 26.02.2026 | 6663.42 | 2341.87 | - | 0.351 |
| 27.02.2026 | 6638.82 | 2388.65 | - | 0.360 |
| 28.02.2026 | 6519.7 | 2346.53 | - | 0.360 |
| 01.03.2026 | 6272.83 | 2282.81 | - | 0.364 |

## 6. அவதானிப்புக்கள்

### 6.1 கேள்வி ஆவணங்களை சமர்ப்பித்தல்

**6.1.1** மேலே 5.4.3.2.2 (xii) பந்தியின் பிரகாரம் 2025/2026 காலப் பகுதிக்காக நிலக்கரி வழங்குவதற்காக கேள்வி கோருதல் பதிவுசெய்த வழங்குநர்களிடமிருந்து மேற்கொள்ளப்படுகின்றமையும், பதிவுசெய்த வழங்குநர்களுக்கு அத்திகதியில் பரிசீலனைக்காக கேள்வி ஆவணங்கள் இலத்திரனியல் தபால் மூலம் அனுப்பப்படுகின்றமையும், 2025 ஆகஸ்ட் 20 ஆம் திகதி கூரியர் சேவை மூலம் பதிவுசெய்த வழங்குநர்களுக்கு கேள்வி ஆவணங்கள் அனுப்புவதற்கு நடவடிக்கை எடுக்கப்பட்டிருந்தமையும் 2025 ஆகஸ்ட் 18 ஆம் திகதிய கேள்வி கோரல் அறிவித்தலில் காண்பிக்கப்பட்டிருந்த போதிலும் மேற்கூறப்பட்ட அட்டவணை இலக்கம் 05 இல் காண்பிக்கப்படுகின்ற பிரகாரம் அவ்வாறு கேள்வி கோரும் அறிவித்தல் பிரசுரிக்கப்பட்ட சந்தர்ப்பமான 2025 ஆகஸ்ட் 18 ஆம் திகதி வரையில் முழுமையாக பதிவுக் கட்டணம் செலுத்தி பதிவினை உறுதிப்படுத்திக் கொள்வதற்கு தவறியிருந்த Trident Chemphar Limited கம்பனி மற்றும் 2025 ஆகஸ்ட் 19 ஆந் திகதி பணம் செலுத்தி பதிவு செய்தமை உறுதிப்படுத்திக் கொள்ளப்பட்ட PANACAP TRADING DMC கம்பனி பதிவுசெய்த வழங்குநராக கருதி 2025 ஆகஸ்ட் 18 ஆம் திகதி இலத்திரனியல் தபால் மூலமும், 2025 ஆகஸ்ட் 19 ஆம் திகதி கூரியர் சேவை மூலமும் கேள்வி ஆவணங்களை அனுப்புவதற்கு லங்கா நிலக்கரிக் கம்பனி நடவடிக்கை எடுத்திருந்தமை அவதானிக்கப்பட்டது.

6.1.2 மேலும் மேற்கூறப்பட்ட அட்டவணை இலக்கம் 06 இல் காண்பிக்கப்படுகின்ற பிரகாரம் இந்தப் பெறுகைகளுக்காக தெரிவுசெய்யப்பட்ட Trident Chemphar Limited கம்பனி முழுமையான பதிவுக் கட்டணமான ஐ.அ.டொலர் 5,000 தொகை செலுத்தப்பட்டமையை உறுதிப்படுத்தி நிலக்கரிக் கம்பனி 2025 ஆகஸ்ட் 22 ஆந் திகதி சிட்டை விநியோகித்திருந்ததுடன் அதன் பிரகாரம் இந்த வழங்குநரின் பதிவு அத்திகதியில் பூர்த்தி செய்யப்பட்டிருந்தமை அவதானிக்கப்பட்டது.

6.1.3 அதன் பிரகாரம் 2025/2026 காலப் பகுதிக்காக லக்விஜய மின் நிலையத்திற்கான நிலக்கரி மெற்றிக்தொன் 1.5 வழங்குவதற்கு ஒப்பந்தம் கையளிக்கப்பட்ட Trident Chemphar Limited கம்பனி 2025 ஆகஸ்ட் 18 அதாவது கேள்வி கோரப்பட்ட திகதி வரையில் குறித்துரைத்த பிரகாரம் பதிவுக் கட்டணம் செலுத்தி கம்பனியில் பதிவு செய்யாத வழங்குநர் ஒருவராக இருந்தமை கணக்காய்வின் போது அவதானிக்கப்பட்டதுடன் இந்த வழங்குநரையும் உள்ளடக்கி, மிகவும் நீண்ட மதிப்பீட்டு நடைமுறையின் மூலம் தகைமை பெற்ற கேள்விதாரர் தெரிவுசெய்யப்பட்டிருக்கும் போதும் மற்றும் மிகவும் போட்டியான சந்தர்ப்பத்தில் மேற்கூறப்பட்ட 5.4.3.2.1 (vi) காண்பிக்கப்படுகின்ற பிரகாரம் பதிவுக் கட்டணம் செலுத்தும் முக்கியத்தும் வெளிப்படுத்தப்பட்டிருக்கும் போதும் முறையான பிரகாரம் பதிவுக் கட்டணம் செலுத்தி பதிவை பூர்த்தி செய்வதற்கு தவறியிருந்த வழங்குநருக்கு சந்தர்ப்பம் வழங்கப்பட்டிருந்தமை கணக்காய்வின் போது அவதானிக்கப்பட்டது. மேலும் நிலக்கரி வழங்குவதற்கான இயலுமை உள்ள பதிவு

செய்வதற்கு விண்ணப்பிக்காத ஏனைய வழங்குநர்களுக்கு இந்த சந்தர்ப்பம் வழங்காமையினால் பெறுகை மூலதத்துவமான நியாயத்தன்மை இல்லாமல் மூலதத்துவம் மீறப்பட்டிருந்தமை கணக்காய்வில் அவதானிக்கப்பட்டது.

**6.2 லங்கா நிலக்கரி கம்பனி கொள்வனவு செய்த நிலக்கரியின் தரத்தை பரீட்சித்தல்**

6.2.1 2025/2026 காலப் பகுதிக்காக இந்திய கம்பனியான Trident Chemphar Limited கம்பனியில் இருந்து நிலக்கரி மெற்றிக்தொன் மில்லியன் 1.5± 10 சதவீதம் இறக்குமதி செய்யும் போது 2026 மார்ச் 11 ஆம் திகதி வரையில் இலங்கையில் தரையிறக்கப்பட்டுள்ள 12 நிலக்கரி கப்பல் இருப்புக்கள் தொடர்பாக மின் நிலையத்தின் கட்டுப்பாட்டுப் பிரிவு (Control Unit) பிரகாரம் வழங்கப்படுகின்ற இயலளவை முழுமையான இயலளவு மட்டத்தில் அடைந்து கொள்ளாதிருக்கும் போதும் மற்றும் நிலக்கரி இருப்பின் தரம் தொடர்பாக பாராளுமன்றத்தின் உப குழு மற்றும் சமூகத்தில் விழிப்புணர்வுக்கு உட்படுத்தப்பட்டிருக்கும் போதும் மேற்கூறப்பட்ட 5.5.1.1.1 (iii) பந்தியின் பிரகாரம் கொள்வனவாளரும் விற்பனையாளரும் ஏற்றுக்கொள்ளக்கூடிய மேலும் ஒரு சுயாதீன பரீட்சகர் ஒருவரை நியமிப்பதற்கு சந்தர்ப்பம் காணப்படுகின்ற போதும் அந்த சந்தர்ப்பத்தைப் பயன்படுத்துவதற்கு லங்கா நிலக்கரிக் கம்பனி நடவடிக்கை எடுக்காதிருந்தமை அவதானிக்கப்பட்டது. மேலும் சகல கப்பலில் இடலிலும் ஐந்திற்கு அண்ணளவாக ஒரு தடவை அடிப்படையில் கொள்வனவாளரின் அதிகாரம் அளிக்கப்பட்ட பிரதிநிதிகள் இரண்டு பேர்களுக்கு எழுமாறான அடிப்படையில் ஏற்றும் துறைமுகத்தின் போது தெரிவு மற்றும் பகுப்பாய்வு செயற்பாடுகளில் மேற்பார்வை செய்வதற்கு விற்பனையாளரால் வசதிகள் வழங்கப்படுகின்றமைக்கு இணங்கியிருந்த போதும்இந்த பிரச்சினைக்குட்பட்ட நிலக்கரி கப்பல் இருப்பு தொடர்பாக அவ்வாறான பரிசோதனை மேற்கொண்டு உரிய வழங்கல்களின் தரத்தன்மையில் பிரச்சினைகள் காணப்படுமாயின் அந்த நிலைமையைச் சரிசெய்து கொள்வதற்கு லங்கா நிலக்கரிக் கம்பனி நடவடிக்கை எடுக்காதிருந்தமை கணக்காய்வின் போது அவதானிக்கப்பட்டது.

6.2.2 இதற்கு மேலதிகமாக விற்பனையாளரின் உதவியுடன் மேற்கூறப்பட்ட 5.5.1.1.1 (ii) பந்தியில் குறிப்பிடப்பட்ட இரண்டாவது மாதிரி (Umpire Sample) பரீட்சிப்பதற்கு வழங்கப்பட்டிருந்த சந்தர்ப்பத்தைப் பயன்படுத்துவதன் மூலம் காணப்படுகின்ற நிலைமையினைச் சரிசெய்வதற்கு மேலும் கம்பனிக்கு காணப்பட்ட சந்தர்ப்பமும் பயன்படுத்தப்படாதிருந்தமை கணக்காய்வின் போது அவதானிக்கப்பட்டது.

6.2.3 மேலே 5.5.5.2 (iii) பந்தியின் பிரகாரம் லங்கா நிலக்கரிக் கம்பனியின் பொது முகாமையாளரால் 2025 திசம்பர் 23 ஆம் திகதி Trident Chemphar Limited கம்பனியின் பணிப்பாளருக்கு அனுப்பப்பட்ட கடிதத்தின் மூலம் நிலக்கரி நியமத்தை பரீட்சித்தல் PT Mitra SK Analisa Testama Samarinda (Indonesia) இற்கு கையளிப் பதற்கு இணங்கியிருந்தது. அவ்வாறே அந்த நியம பரிசோதனை மேற்கூறப்பட்ட இந்தோனோசியக் கம்பனிக்கு கையளிக்கப்பட்டிருந்த போதிலும் 2026 மார்ச் 11 ஆம் திகதி வரையில் தரையிறக்கப்பட்ட 12 கப்பல் இருப்புக்களுக்குரிய ஏற்றும் துறைமுகத்தில் நிலக்கரி பரிசோதனை அறிக்கை

மேற்கூறப்பட்ட 5.5.5.2 (iv) (அ) இல் குறிப்பிடப்பட்ட ஏனைய பணிகளுக்கான பொறுப்பு கையளிக்கப்பட்ட Mitra SK South Africa (Pty) Ltd கம்பனி மூலம் விநியோகிக்கப்பட்டிருந்தமை அவதானிக்கப்பட்டதுடன் PT Mitra SK Analisa Testama Samarinda (Indonesia) கம்பனியால் கையொப்பமிடப்பட்ட நிலக்கரி பரிசோதனை அறிக்கை எதுவும் கணக்காய்வின் போது அவதானிக்கப்படவில்லை. எனினும் ஏற்றும் துறைமுகத்தில் நிலக்கரி பரிசோதனை அறிக்கை கையொப்பம் இடப்பட்டு விநியோகித்தல் Mitra SK South Africa (Pty) Ltd இற்கு தேவையான நியமங்களின் கீழ் நிலக்கரி மாதிரியைப் பரிட்சிப்பதற்கான தராதரம் காணப்படாதிருந்தமையும் அவதானிக்கப்பட்டது.

6.2.4 அவ்வாறே உடன்படிக்கை 3.4.3 (a) பிரிவின் பிரகாரம் ஏற்றும் துறைமுகத்தின் பரிசோதனை அறிக்கையை அடிப்படையாகக் கொண்டு கொள்வனவாளரால் கப்பல் இருப்புக்களை ஏற்றுக்கொள்ளல் அல்லது நிராகரித்தல் தீர்மானிக்கப்படுகின்றமையால் அந்த அறிக்கை மிகவும் தீர்மானமிக்கதாக இருந்ததுடன் மேலே 5.5.5.2 (iii) பந்தியில் காண்பிக்கப்படுகின்ற பிரகாரம் தரையிறக்குகின்ற துறைமுகத்தில் பரிசோதனையாளரான Cotecna, India கம்பனியின் இறுதி கடப்பாட்டின் கீழான அறிக்கை பெற்றுக்கொள்ளல் அடிப்படையில் ஏற்றும் துறைமுகத்தின் பரிசோதனை அறிக்கை PT Mitra SK Analisa Testama Samarinda (Indonesia) கம்பனியிலிருந்து பெற்றுக்கொள்வதற்கு இணக்கம் தெரிவிப்பதற்கான காரண விடயங்கள் கணக்காய்வில் வெளிப்படுத்தப்படவில்லை.

மேலும் மேற்கூறப்பட்ட ஏற்றும் துறைமுகத்தில் நிலக்கரி பரிசோதனைக்காக இணங்கியிருந்து PT Mitra SK Analisa Testama Samarinda (Indonesia) கம்பனியின் தராதர அனுமதிப்பத்திரம் 2025 திசெம்பர் 29 ஆம் திகதி காலாவதியாகியிருந்த போதிலும் அந்த அனுமதிப் பத்திரத்தைப் புதுப்பித்து லங்கா நிலக்கரிக் கம்பனிக்கு 2026 மார்ச் 31 ஆம் திகதி வரையிலும் சமர்ப்பிப்பதற்கு நடவடிக்கை எடுக்கப்பட்டிருக்கவில்லை.

6.2.5 இலங்கைக்கு இறக்குமதி செய்யப்பட்ட 09 கப்பல்களில் கொண்டுவரப்பட்ட நிலக்கரி ஏற்றும் துறைமுகத்தின் போது (Loading Port) அநேகமானவை நியமத்துடன் குறித்துரைத்த தரத்தில் (ஏற்றுக்கொள்ளப்பட்ட பெறுமதியில்) இணங்காதிருந்த போதும் நிராகரிக்கும் மட்டத்தில் காணப்படாதிருந்ததாக விற்பனையாளரால் நியமிக்கப்பட்ட மேற்கூறப்பட்ட 5.5.5.2 (i) பந்தியில் குறிப்பிடப்பட்ட சுயாதீன பரீட்சகரான Mitra SK South Africa (Pty) Ltd கம்பனி உறுதிப்படுத்தியிருந்தது. மேலும் இறக்குமதி செய்யப்பட்ட 12 கப்பல்களுக்கிடையே 09 கப்பல்கள் (முதலாவது, ஒன்பதாவது மற்றும் பன்னிரெண்டாவது கப்பல் தவிர) கொண்டுவரப்பட்ட நிலக்கரி தரயிறக்கும் துறைமுகத்தின் போது (Unloading Port) அநேகமானவை நியம அளவுருக்களின் குறித்துரைத்த நியமத்திற்கு (ஏற்றுக்கொள்ளப்பட்ட பெறுமதிக்கு) இணங்காதிருந்தமையும் நிராகரிக்கக்கூடிய மட்டத்தில் காணப்படாதிருந்ததாக Cotecna Inspection India (Pvt) Ltd கம்பனி உறுதிப்படுத்தியிருந்தது. மேலும் லக்விஜய மின்நிலையத்தின் பிரதான அலகில் குறிப்பிடப்படுகின்ற தகவல்களின் பிரகாரம் இந்த நிலக்கரி இருப்பு எதிர்பார்க்கப்பட்ட இயலளவில் மின் உற்பத்தி செய்வதற்கு முடியாதிருக்கும் போது மேற்கூறப்பட்ட 5.5.1.1.1 (ii) (iii) பந்திகளில்

கொள்வனவாளருக்கு வழங்கப்பட்டிருந்த சந்தர்ப்பத்தை பயன்படுத்தாமையால் இந்த சுயாதீன அறிக்கையின் அடிப்படையில் மாத்திரமாகக் கொண்டு தரத்தன்மை உறுதிப்படுத்திக் கொள்ளல் தொடர்பாக கணக்காய்வில் இணங்க முடியாதிருந்தது.

### 6.3 வழங்குநர்களைப் பதிவு செய்யும் குறிகாட்டிகள்

**6.3.1** லக்விஜய மின் நிலையத்திற்கு பயன்படுத்துவதற்கு குறித்துரைத்த நிலக்கரி இருப்பின் எற்றுக் கொள்ளப்பட்ட மொத்த கலோறி பெறுமதி (GCV) வழங்குநர்களுடன் ஏற்படுத்திக் கொள்ளப்பட்ட உடன்படிக்கையின்படி மேற்கூறப்பட்ட அட்டவணை இலக்கம் 13 இன் படி 6,150 kcal/kg ஆக இருந்த போதிலும் இலங்கைக்கு நிலக்கரி வழங்குவதற்காக வழங்குநர்களைப் பதிவு செய்யும் குறிகாட்டிகளில் உள்ளடக்கப்பட்டிருக்கும் போது மேற்கூறப்பட்ட 5.4.3.2.1 (iii) பந்தியின் படி கடந்த 36 மாத காலத்தில் நிலக்கரி வழங்கும் போது வழங்கப்பட்டிருந்த மெற்றிக்தொன் 500,000 அளவில் மெற்றித்தொன் 100,000 நிராகரிக்கும் மட்டமான 5,900 kcal/kg அல்லது அதற்கு மேற்படடதாக உள்ளடக்கியதன் காரணமாக மொத்த கலோறிப் பெறுமதி நிராகரிக்கக்கூடிய மட்டம் அல்லது அதற்கு அண்ணளவான மட்டத்தில் நிலக்கரி வழங்கிய அனுபவம் உள்ள வழங்குநருக்கும் இந்த மின்நிலையத்திற்காக நிலக்கரி வழங்குவதற்கு சந்தர்ப்பம் வழங்கப்பட்டிருந்தமை அவதானிக்கப்பட்டது.

6.3.2 அதன் பிரகாரம் 2025/2026 காலப் பகுதிக்குரிய நிலக்கரி வழங்குவதற்கு தெரிவு செய்யப்பட்ட Trident Chemphar Limited பெயருடைய வழங்குநர் மேற்கூறப்பட்ட அட்டவணை 04 இல் காண்பிக்கப்பட்ட பிரகாரம் பதிவுசெய்வதற்கு முன் வழங்கப்பட்டிருந்த நிலக்கரி இருப்பின் உயர்ந்த மொத்த கலோறிப் பெறுமதி (GCV) 5,900 kcal/kg இல் 6,000 kcal/kg இல் வீச்சில் காணப்பட்ட துடன் அந்த அளவில் மெற்றிக்தொன் 291,840 காணப்பட்டது. மேலும் வழங்கப்பட்டிருந்த நிலக்கரி மெற்றிக்தொன் 1,871,771 இற்கிடையே மெற்றிக்தொன் 1,579,931 இன் மொத்த கலோறிப் பெறுமதி (GCV) 4,900 kcal/kg இல் 5,900 kcal/kg இற்கிடையே காணப்பட்டமை அவதானிக்கப்பட்டது.

6.3.3 மேற்கூறப்பட்ட அட்டவணை இலக்கம் 25 இன் பிரகாரம் 2025/2026 காலத்தின் போது இந்தக் கம்பனிக்கு வழங்கப்பட்ட நிலக்கரி 09 கப்பல் இருப்புக்களை தரையிறக்கும் துறைமுகத்தின் போது பெறப்பட்ட அறிக்கையை பரீட்சிக்கும் போது வழங்கப்பட்டிருந்த நிலக்கரி இருப்பில் மொத்த கலோறிப் பெறுமதி மேற்கூறப்பட்ட இந்த மின்நிலையத்திற்கு பொருத்தமானது இனங்காணப்பட்டிருந்த ஏற்றுக்கொள்ளப்பட்ட மட்டமான மேற்கூறப்பட்ட அட்டவணை இலக்கம் 13 இல் குறிப்பிடப்பட்ட மொத்த கலோறிப் பெறுமதி (GCV) 6,150 kcal/kg அல்லது அதற்கு மேற்பட்ட கலோறி அளவினை பெறுமதியைக் கொண்டிருந்த எந்தவொரு சந்தர்ப்பத்திலும் வழங்கப்படாதிருந்த மையும் மேலும் கணக்காய்வில் அவதானிக்கப்பட்டது.

6.3.4 மேலும் இந்த பெறுகைகளுக்காக தெரிவு செய்யப்பட்ட வழங்குநராக Trident Chemphar Limited தவிர்க்கும் போது 2023 ஆம் ஆண்டில் பதிவு செய்திருந்த மற்றும் 2025/2026 காலப் பகுதிக்காக கூறுவிலை சமர்ப்பித்த வழங்குநரான Taranjot Resource (Pvt) Ltd கம்பனி வழங்குநர் பதிவு செய்யப்பட்டதாகக் கருதி வழங்கப்பட்ட 36 மாத காலத்தில் வழங்கப்பட்டிருந்த நிலக்கரி மெற்றித் தொன் 1,115,900 அளவும், மொத்தக் கலோறிப் பெறுமதி (GCV) 5,900 kcal/kg நிராகரிக்கக்கூடிய மட்டத்திலும் கீழ் மட்டப் பெறுமதியைக் கொண்டிருந்தமை மேலே கூறப்பட்ட 5.4.3.2.1(v) பந்தியின் பிரகாரம் அவதானிக்கப்பட்டது.

6.3.5 மேலும் 2023 இல் பதிவு வழங்கப்பட்ட PT Fawad Trading & Construction கம்பனி மொத்த கலோறிப் பெறுமதி (GCV) 5,900 kcal/kg அல்லது அதற்கு மேற்பட்ட பெறுமதியில் வழங்கியிருந்த நிலக்கரி இருப்பு தொடர்பான தகவல்கள் சமர்ப்பிக்கப்படவில்லை. அதன்படி உரிய குறிகாட்டிகளை பூர்த்தி செய்வதற்கு தவறியிருந்த கம்பனி வழங்குநராகப் பதிவு செய்து கொள்வதற்கு தொழில்நுட்ப மதிப்பீட்டுக் குழு பரிந்துரை செய்வதற்கும் பெறுகைக் குழு அதனை அங்கீகரிப்பதற்கும் நடவடிக்கை எடுத்திருந்தமை கணக்காய்வில் அவதானிக்கப்பட்டது.

6.3.6 மேலே 5.4.3.2.1 (ii) பந்தியில் காண்பிக்கப்படுகின்ற பிரகாரம் 2023 ஆம் ஆண்டிற்கான வழங்குநர் பதிவு செய்யும் குறிகாட்டிகளைக் கவனத்திற்கொள்ளும் போது பதிவு செய்வதற்காக விண்ணப்பிக்கின்ற வழங்குநருக்கு இறுதி 36 மாத காலத்தில் ஆகக்குறைந்தது நிலக்கரி மெற்றிக் தொன் 1,000,000 வழங்கி இருந்த அனுபவம் காணப்பட வேண்டியிருந்ததுடன் அதில் ஆகக் குறைந்தது மெற்றிக்தொன் 500,000 மொத்தக் கலோறிப் பெறுமதி (GCV) 5,900 kcal/kg அல்லது அதற்கு மேற்பட்ட பெறுமதியைக் கொண்டிருக்க வேண்டியிருந்தமை குறிப்பிடப்பட்டிருந்த போதிலும் அதன் பின்னரான ஆண்டின் போது இந்த குறிகாட்டிகள், இறுதி 36 மாத காலத்தில் ஆகக் குறைந்தது நிலக்கரி மெற்றிக்தொன் 500,000 வழங்கியிருந்த அனுபவம் காணப்பட வேண்டியிருந்தமையும் மொத்த கலோறிப் பெறுமதி (GCV) 5,900 kcal/kg அல்லது அதற்கு மேற்பட்ட பெறுமதியில் காணப்பட வேண்டிய பெறுமதி மெற்றிக்தொன் 100,000 போன்ற ஏற்றுக்கொள்ள முடியாத மட்டத்தில் காண்பித்து இலகுபடுத்தப்பட்டிருந்தது. எனினும் அவ்வாறான இலகுபடுத்தலை மேற்கொள்ளும் போது இந்த சட்ட ரீதியான மற்றும் தொழில்நுட்ப ஆலோசனையின் அடிப்படையில் நியாயமான பகுப்பாய்வின் பின்னர் மேற்கொள்வதற்கு பொறுப்புவாய்ந்த தரப்பினர் நடவடிக்கை எடுத்திருந்தார்களா என கணக்காய்வில் அவதானிக்கப்படவில்லை.

6.3.7 லக்விஜய மின் நிலையத்திற்காக நிலக்கரி வழங்குவதற்காக வழங்குநர்களைப் பதிவு செய்வதற்கான அறிவித்தல் பிரசுரிக்கப்பட்டிருக்கும் போது மேற்கூறப்பட்ட 5.4.3.2.1 (ii) பந்தியின் படி அவ்வாறு பதிவு செய்வதற்காக பொருத்தமான வழங்குநர்கள் பூர்த்தி செய்யப்பட வேண்டியிருந்த ஒவ்வொரு குறிகாட்டிகளுக்காகவும் பதிவு செய்வதற்கு அண்ணளவாக மூன்று வருட காலத்தில் வழங்கப்பட்டிருந்த மொத்த நிலக்கரி அளவும் ஏதாவது அளவில் மொத்த கலோறிப் பெறுமதி (GCV) 5,900 kcal/kg அல்லது அதற்கு

மேற்பட்ட பெறுமதியில் காணப்படுவதாக கருதப்பட்டிருந்த போதிலும் மேற்கூறப்பட்ட 5.5.3.1 பந்தியில் காண்பிக்கப்படுகின்ற பிரகாரம் கேள்வி ஆவணங்களில் உரிய கேள்விதாரரால் வழங்கவேண்டிய நிலக்கரி இருப்பின் மொத்த கலோறிப் பெறுமதி (GCV) 6,150 kcal/kg (மின்நிலையத்தின் இயலளவிற்கு ஈடுகொடுக்கின்ற) ஆக குறிப்பிடுவதன் மூலம் வழங்குநர் மின் நிலையத்திற்காக வழங்க வேண்டிய நிலக்கரி இருப்பின் நியமம் தொடர்பாக ஒவ்வொரு ஆவணங்களும் பரஸ்பர வேறுபாட்டான நிலைமை ஏற்பட்டிருந்தமை அவதானிக்கப்பட்டது.

6.3.8 லக்விஜய மின்நிலையத்திற்காக 03 வருட காலத்திற்காக ஒரு தடவை பதிவு இரத்துச் செய்யப்படுகின்ற வழங்குநர்களைப் பதிவு செய்வதன் மூலம் வழங்குநர்களின் நிதி இயலுமை மற்றும் அண்ணளவாக 03 வருடங்களின் போது நிலக்கரி வழங்கும் அனுபவம் ஒன்று பிரதான குறிகாட்டிகள் வருடாந்தம் மீண்டும் மதிப்பீட்டிற்கு உட்படுத்தப்படாமையினால் மற்றும் கொள்வனவாளரால் வழங்குநர்களின் முன்னைய தகைமைகளை நாளதுவரையாக பரீட்சிக்கப் படாதிருந்தமையால் (ஏதாவதொரு வகையில் முறிவடைவாராயின், கறுப்பு பட்டியலில் இடப்பட்டவாராயின்) மேலும் வழங்குநர் தகைமை பெற்ற வழங்குநராக இருந்தமை தொடர்பாக உறுதிப்படுத்துவதற்கு முடியாதிருந்தது.

## 6.4 சட்டமா அதிபரின் இணக்கப்பாட்டைப் பெறல்

மேலும் இந்த 2025/2026 காலப் பகுதிப்பகுதிக்குரிய நிலக்கரி வழங்குவதற்காக தெரிவு செய்யப் பட்ட Trident Chemphar Limited கம்பனியுடன் கையொப்பமிடுவதற்கு தயாரிக்கப்பட்ட வரைவு உடன் படிக்கைக்காக சட்டமா அதிபர் திணைக்களத்தின் இணக்கப்பாடு மேற்கூறப்பட்ட 5.4.3.2.2 (xxv) பந்தியின் படி 2025 நவம்பர் 20 ஆந் திகதி கிடைக்கப்பெற்றிருந்த போதும் அத் திகதிக்கு முன்னர் அதாவது 2025 நவம்பர் 19 ஆந் திகதி சட்டமா அதிபர் இணக்கப்பாடு வழங்குவதற்கு முன் வழங்குநருடன் உடன்படிக்கை செய்வதற்கு நடவடிக்கை எடுக்கப்பட்டிருந்தமை அவதானிக்கப்பட்டது.

## 6.5 நிலக்கரி உரிய நியமத்தில் காணப்படாமை தொடர்பாக ஏற்பட்டிருந்த தாக்கம்

6.5.1 2025/2026 காலப் பகுதிக்காக Trident Chemphar Limited இனால் வழங்கப்பட்ட நிலக்கரி பயன்படுத்தி மின் உற்பத்தி செய்யும் போது மின்சாரம் கிலோவோட் மணித்தியாலம் 1 உற்பத்தி செய்வதற்காக தேவையான நிலக்கரி அளவு மேற்கூறப்பட்ட 5.5.5.2.3 பந்தியின் படி கிரேம் 375 ஆக கருதும் போது இந்த அளவு உயர்வடைந்து சென்றதன் காரணமாக மிகை பயன்பாட்டின் அடிப்படையில் ஏற்பட்ட மொத்த மதிப்பீடு செய்யப்பட்ட நட்டம் கணக்காய்வின் கணிப்பீட்டின் அடிப்படையில் ரூபா 2,237.7 மில்லியனாக காணப்பட்டமை அவதானிக்கப்பட்டது.

**அட்டவணை இல: 94 நிலக்கரி மிகைப் பயன்பாட்டின் அடிப்படையில் ஏற்படக்கூடிய மதிப்பீடு செய்யப்பட்ட நட்டம்**

| அட்டவணை இலக்கம் | கப்பல் பொருள் இருப்பு இலக்கம் | நிலக்கரி மிகை பயன்பாட்டின் ஏற்படக்கூடிய நட்டம் ரூபா மில்லியன் |
|---|---|---|
| 38 | 456 | 163.5 |
| 44 | 457 | 94.6 |
| 51 | 458 | 310.7 |
| 58 | 459 | 155.9 |
| 64 | 460 | 179.1 |
| 70 | 461 | 299.0 |
| 76 | 462 | 245.7 |
| 82 | 463 | 392.5 |
| 88 | 464 | 396.6 |
| மொத்தம் | | **2,237.7** |

6.5.2 மேலும் உரிய நிலக்கரி பயன்படுத்துவது முழுமையான இயலளவு அதாவது மெகாவோட் 300 இயலளவைப் பெற்றுக் கொள்வதற்கு முடியாமையின் அடிப்படையில் மாற்று மூலங்களிலிருந்து மேலதிக மின்வலு அளவை வழங்குவதற்கு ஏற்பட்டிருக்குமாயின் மேற்கூறப்பட்ட 5.5.4.2.3 (இ) பந்தியில் குறிப்பிடப்பட்ட பிரகாரம் கணக்காய்வினால் மாற்று சந்தர்ப்பம் இரண்டின் கீழ் மேலதிகமாக வழங்க வேண்டிய மதிப்பீடு செய்யப்பட்ட வலு சக்தி அளவு கணிப்பிடப்பட்டது. அதனிடையே மாற்றுவழி 01 சந்தர்ப்பத்தின் பிரகாரம் (நாளாந்தம் 24 மணித்தியாலம் முழுவதும் இயலளவு தேவையானதாகக் கருதும் இடத்து) கீழே குறிப்பிடப்படுகின்ற அட்டவணையின் பிரகாரம் மேலதிகமாக வழங்க வேண்டிய மதிப்பீடு செய்யப்பட்ட வலு சக்தி அளவு கிலோ வோட் மணித்தியாலம் 114,531,131 ஆக இருந்ததுடன் 02 ஆவது மாற்றுவழி சந்தர்ப்பத்தின் படி (முறைமைக் கட்டுப்பாட்டு பிரிவினால் நாளாந்த மின் நிலையத்தில் 16 மணித்தியாலங்களுக்காக முழுமையான இயலளவில் மின் கோரிக்கையினை கவனத்தில் கொள்ளும் போது) கீழே குறிப்பிடப்படுகின்ற அட்டவணையின் பிரகாரம் மேலதிகமாக வழங்க வேண்டிய மதிப்பீடு செய்யப்பட்ட வலு சக்தி அளவு கிலோ வோட் மணி 76,354,087 ஆகும்.

**அட்டவணை இலக்கம் 95 ஏனைய மூலங்களிலிருந்து மேலதிக வலு சக்தி அளவைப் பெற்றுக்கொள்வதற்கு ஏற்படுமாயின் மதிப்பீடு செய்யப்பட்ட மேலதிகமாக வழங்க வேண்டிய வலு சக்தி அளவு**

| அட்டவணை இலக்கம் | கப்பல் பொருள் இருப்பு இலக்கம் | முழுமையான இயலளவைப் பூர்த்தி செய்வதற்கு முடியாதிருக்குமாயின் மதிப்பீடு செய்யப்பட்ட மேலதிக வழங்க வேண்டிய வலு சக்தி அளவு கிலோ வோட் மணி | |
|---|---|---|---|
| | | 01 ஆவது சந்தர்ப்பம் (நாளாந்தம் 24 மணித்தியாலம் முழுவதும் மின் நிலையத்தை செயற்படுத்துவதற்கு ஏற்படும் போது) | 02 ஆவது சந்தர்ப்பம் (நாளாந்தம் 16 மணித்தியாலம் மின் நிலையத்தை செயற்படுத்துவதற்கு ஏற்படும் போது) |
| 39 | 456 | 6,727,148 | 4,484,765 |
| 45 | 457 | 4,219,806 | 2,813,204 |
| 52 | 458 | 18,406,723 | 12,271,148 |
| 59 | 459 | 5,219,636 | 3,479,758 |
| 65 | 460 | 7,438,768 | 4,959,179 |
| 71 | 461 | 16,470,219 | 10,980,146 |
| 77 | 462 | 12,638,469 | 8,425,646 |
| 83 | 463 | 22,658,492 | 15,105,661 |
| 89 | 464 | 20,751,869 | 13,834,580 |
| மொத்தம் | | **114,531,131** | **76,354,087** |

6.5.3 தரையிறக்கப்பட்ட புதிய இறக்குமதி செய்யப்பட்ட நிலக்கரிகளில் காணப்படுகின்ற மாதிரிகள் லங்கா நிலக்கரி கம்பனியில் அங்கீகரிக்கப்பட்ட பெறுமதியை அடைந்திருக்காதிருந்த போதும் லங்கா நிலக்கரி கம்பனியால் நிலக்கரி நிராகரிக்கும் பெறுமதிக்கு உரித்தில்லாத போது (அட்டவணை இலக்கம் 14 இல் குறிப்பிடப்பட்ட பிரகாரம்) மற்றும் தரையிறக்கப்பட்ட புதிய இறக்குமதி செய்யப்பட்ட நிலக்கரிகளில் காணப்படுகின்ற மாதிரிகள்

லங்கா நிலக்கரிக் கம்பனியால் நிலக்கரி நிராகரிக்கும் மட்டத்திற்கு உரித்தாகின்ற போது (அட்டவணை இலக்கம் 15 இல் குறிப்பிடப்படுகின்ற பிரகாரம்) தண்டப்பணம் அறவிடல் உடன்படிக்கையின் பிரகாரம் மேற்கொள் ளப்படுவதுடன் அதன் பிரகாரம் கீழே அட்டவணையில் குறிப்பிடப்பட்ட பிரகாரம் வழங்குநர்களிட மிருந்து அறவிட வேண்டியிருந்த தண்டப்பணம் ரூபா 2,332.5 மில்லியன் ஆக இருந்தமை அவதானிக்கப்பட்டது.

**அட்டவணை இலக்கம் 96 அளவுருக்களுக்கு இணங்காதிருந்தமையின் அடிப்படையில் வழங்குநர்களிடமிருந்து அறவிட வேண்டிய தண்டப்பணம்**

| அட்டவணை இலக்கம் | கப்பல் பொருள் இருப்பு இலக்கம் | அறவிடக் கூடிய தண்டப் பணம் ரூபா மில்லியன் |
|---|---|---|
| 34 | 456 | 644.7 |
| 40 | 457 | 135.3 |
| 46 | 458 | 150.4 |
| 53 | 459 | 107.1 |
| 60 | 460 | 155.0 |
| 66 | 461 | 158.2 |
| 72 | 462 | 134.5 |
| 78 | 463 | 168.8 |
| 84 | 464 | 678.5 |
| மொத்தம் | | **2,332.5** |

## 6.6 நிலக்கரி கப்பல் இருப்பு வழங்கியிருந்த காலப் பகுதியில் பெறல்

6.6.1 2025/2026 பெறுகைகள் 2025 செப்டெம்பர் 15 முதல் 2026 ஏப்ரல் வரை திட்டமிடப்பட்டிருக்கும் போது, 2024/2025 ஆண்டிற்குரிய நிலக்கரி வழங்கும் உடன்படிக்கையின் படி வருகை தர வேண்டிய இறுதி கப்பல் இருப்பு 2025 நவம்பர் 13 ஆந் திகதி வருகைதருவதற்கு திட்டமிடப்பட்டிருந்தமையும் மேற்கூறப்பட்ட 5.4.3.2.2(x) பந்தியில் குறிப்பிடப்பட்ட LCC/23/Prop/I இன் கீழ் மேலதிக நிலக்கரி 225,000MT (05 கப்பலில் இடல்) அதாவது 10 சதவீத Plus option quantity கொள்வனவுகளுக்காக ஆரம்பிக்கப்பட்ட பெறுகைகளை இரத்துச் செய்யப்படுவதுடன் 2025 நவம்பர் 13 முதல் 2025/2026 காலப்பகுதியில் நிலக்கரி வழங்குனரான Trident Chemphar Limited முதலாவது

கப்பல் பெற்றுக்கொள்வதற்கு திட்டமிடப்பட்ட 2025 டிசம்பர் 22 வரையான காலப் பகுதியில் நிலக்கரி பெற்றுக்கொள்வதற்கு திட்டமிடுவதற்கு தவறியிருந்தது. மேலும் மேலே காண்பிக்கப்படுகின்ற பிரகாரம் 2025/2026 பெறுகைகள் 2025 நவம்பர் 13 ஆம் திகதி முதல் நிலக்கரி வழங்குவதற்கு முடியுமான வகையில் பெறுகை செயற்பாடுகள் ஆரம்பிக்க வேண்டியிருந்த போதிலும் பெறுகை செயற்பாடுகளில் காணப்பட்ட தாமதத்தின் காரணமாக அந்த பெறுகைகளில் முதலாவது கப்பல் 2025 திசம்பர் 30 ஆந் திகதி அதாவது 07 நாட்கள் தாமதமாகி இலங்கைக்கு வருகை தந்திருந்தது. மேலும் 2026 மார்ச் 20 ஆம் திகதி வரையில் 18 கப்பல் இருப்புக்கள் 2025/2026 இற்கான பெறுகைகளில் பெற்றுக் கொள்வதற்கு திட்டமிடப்பட்டிருந்த போதிலும் 12 கப்பல் இருப்புக்கள் மாத்திரம் தரையிறக்கல் பூர்த்தி செய்யப்பட்டிருந்தமை அவதானிக்கப்பட்டது.

6.6.2 சராசரியாக கலண்டர் வருடம் ஒன்று செப்டெம்பர் முதல் அடுத்துவரும் ஆண்டின் ஏப்ரல் வரையான காலப் பகுதியின் போது மாத்திரம் இலங்கைக்கு நிலக்கரி கப்பல் வருகை தரும் இயலுமை காணப்படும் போது அந்தக் கால எல்லைக்குரித்தான 2025 நவம்பர்/டிசம்பர் மாதங்களின் போது 40 நாள் கால எல்லையில் நிலக்கரி இருப்பு கொண்டு வருவதற்கு திட்டமிடாமையால் எதிர்காலத்தில் ஏற்படக்கூடிய கட்டுப்படுத்த முடியாதிருந்ததன் அடிப்படையில் நிலக்கரி கொண்டுவருவதற்கு முடியாதிருக்குமாயின் அது தொடர்ச்சியாக மின்சார வழங்களுக்கு பாதகமானதாக தாக்கமளித்திருந்தமை கணக்காய்வில் அவதானிக்கப்பட்டது.

6.6.3 அதன் பிரகாரம் இந்த நிலக்கரி இருப்பு குறித்துரைத்த காலப் பகுதியில் வழங்க முடியாமையின் அடிப்படையில் உடனடிப் பெறுகையில் (Sport Tender) மெற்றிக் தொன் 300,000±10 சதவீதம் மெற்றிக்தொன் 1 ஐ.அ.டொலர் 118 வீதம் (FOB) கொள்வனவு செய்வதற்கு 6.3.4 பந்தியில் குறிப்பிடப்பட்ட பதிவு செய்வதற்கு முன் பூர்த்தி செய்யப்பட வேண்டிய கம்பனியால் எதிர்பார்க்கப்பட்ட நியமத்திற்கேனும் நிலகக்ரி வழங்குவதற்கு தவறியிருந்த Taranjot Resource (pvt) Ltd கமபனியுடன் 2026 மார்ச் 30 ஆந் திகதி உடன்படிக்கை செய்திருந்தமை அவதானிக்கப்பட்டது.

## 07. பரிந்துரைகள்

7.1 ஏற்றும் துறைமுகத்தின் போது விற்பனையாளர் நியமிக்கின்ற சுயாதீன பரீட்சகரால் விநியோகிக்கப்படுகின்ற அறிக்கையின் சரியான தன்மையை உறுதிப்படுத்திக் கொள்வதற்காக கொள்வனவாளருக்கு மாற்று சந்தர்ப்பங்கள் வழங்கப்பட்டிருந்ததுடன் அந்த சந்தர்ப்பம் வழங்கப்ப டாதிருந்த வகையில் பயன்படுத்தி ஏற்றுக்கொள்ளப்பட்ட நியமமின்றி நிலக்கரி நாட்டில் கொண்டு வருவதைத் தடுப்பதற்கான நடவடிக்கை எடுத்தல்.

**(தொடர்பு 6.2.1, 6.2.2)**

7.2 விற்பனையாளரால் தெரிவு செய்யப்பட்ட சுயாதீன பரீட்சகர் உரிய பணிகளுக்காக உள்ளபடியாக தேவையான தகைமைகள் பூர்த்தி செய்யப்பட்டுள்ளதை உறுதிப்படுத்துதல்.

**(தொடர்பு 6.2.3, 6.2.4)**

7.3 கலண்டர் வருடமொன்றில் குறித்துரைத்த காலப்பகுதியில் சீரற்ற காலநிலையான நிலைமையின் அடிப்படையில் நிலக்கரி கப்பல் இருப்புக்கள் நாட்டில் கொண்டுவருதற்கு முடியாதிருந்தமையால் கப்பல் இருப்புக்களைக் கொண்டு வருவதற்கு முடியுமான காலப் பகுதியின் போது தேவைக்கு ஈடாகும் வகையில் நிலக்கரி இருப்பை கொள்வனவு செய்வதற்கு முடியுமான வகையில் நிலக்கரி கொள்வனவு செய்யும் பெறுகை செயற்பாடுகளை போதியளவான கால அட்டவணையில் ஆரம்பிப்பதற்கும், காணப்படுகின்ற சட்ட ரீதியான கட்டமைப்பில் பெறுகை செயற்பாடுகளை நடாத்திச் செல்வதற்கும் நடவடிக்கை எடுத்தல்.

**(தொடர்பு 6.6.1, 6.6.2)**

7.4 ஏதாவது வருடமொன்றில் அல்லது ஏதாவது காலப் பகுதிக்குரிய பெறுகைகள் வழங்குநருக்கு கையளிக்கப்பட்ட பின்னர் அந்த வழங்குநர் வழங்கியிருந்த காலப் பகுதியில் குறித்துரைத்த பிரகாரம் நிலக்கரி இருப்பை வழங்குவதற்கு தவறியிருந்தமையால் எதிர்காலத்தில் ஏற்படக்கூடிய நிருவாக ரீதியில் கட்டுப்படுத்த முடியாத நிலைமையின் அடிப்படையில் கணிப்பிட முடியாத சமூக, பொருளாதார மற்றும் ஏனைய தாக்கங்கள் ஏற்படக்கூடியதாக இருந்தமையால் உரிய நிலக்கரி கப்பல் இருப்புக்களை கொண்டு வருவதற்கு திட்டமிடப்பட்ட நாட்களிலேயே பெற்றுக்கொள்வதற்கு ஈடுபடுத்தக்கூடிய சகல நடவடிக்கைகளையும் எடுப்பதற்கும், தொடர்ச்சியாக பின்தொடர் நடவடிக்கைகளை முறையான திட்ட முறைமையின் பிரகாரம் ஸ்தாபிப்பதற்கும் நடவடிக்கை எடுத்தல்.

**(தொடர்பு 6.6.1, 6.6.2)**

7.5 வழங்குநர்களைப் பதிவு செய்வதற்குரிய குறிகாட்டிகள் பூர்த்தி செய்யாத நிலக்கரி வழங்கு நர்கள் பதிவு செய்யப்பட்ட சந்தர்ப்பங்கள் அவதானிக்கப்படுகின்றமையால் வழங்குநர்களைப் பதிவு செய்யும் திட்ட முறைமையில் காணப்படுகின்ற இந்த மோசடிகளை நீக்கி வழங்குநர்களைப் பதிவு செய்வதை முறைமைப்படுத்துவதற்குத் தேவையான உள்ளக் கட்டுப்பாடு ஏற்பாடுகளை வலுப்படுத்து வதற்கும், காணப்படுகின்ற சில குறித்துரைத்த ரீதியில் அல்லாத குறிகாட்டிகள் தொடர்பாக மீண்டும் கவனத்திற்கொண்டு தொழில்நுட்ப

பகுப்பாய்வின் பின்னர் உரிய குறிகாட்டிகளைக் குறித்துரைத்த ரீதியில் உச்ச அளவில் பொருத்தமான வழங்குநர்களைத் தெரிவு செய்வதற்கு நடவடிக்கை எடுத்தல்.

**(தொடர்பு 6.3.4, 6.3.5)**

7.6 செயலாற்றலை உச்ச அளவில் பெறும் வகையிலும், மின் வலு வழங்குவதற்கு இடையூறில்லாத வகையிலும் நடவடிக்கை எடுக்க முடியுமான வகையில் மின் நிலையத்தற்காக நிலக்கரி வழங்குநர்களை பதிவு செய்வதற்காக குறிகாட்டிகளை ஸ்தாபிக்கும் போது ஒட்டுமொத்த செயற்பாடுகளிலும் குறித்துரைத்த குறிகாட்டிகளை ஸ்தாபித்தல்.

**(தொடர்பு 6.3.7)**

7.7 லக்விஜய மின் நிலையத்திற்காக மொத்த கலோறிப் பெறுமதி 6,150 kcal/kg நியமத்தை உடைய நிலக்கரி பயன்படுத்தப்படுகின்றமையால் நிலக்கரி வழங்கும் போது அந்த நியமத்தை யுடைய நிலக்கரி வழங்க வேண்டியிருந்தமை கேள்வி ஆவணங்களில் குறிப்பிடப்படுகின்றமையால் இந்த மின் நிலையத்திற்காக நிலக்கரி வழங்கும் அனுபவங்களை பரீட்சிக்கும் போது மின் நிலையத்திற்கு பொருத்தமான நிலக்கரி ஏதாவது ஏற்றுக்கொள்ளக்கூடிய மட்டத்தில் காண்பித்து வழங்கப்பட்டிருந்ததா என பரீட்சிப்பதற்கு நடவடிக்கை எடுப்பதன் மூலம் மின் நிலையத்தின் வலு சக்தி உற்பத்தி கோரிக்கைக்கு ஈடுகொடுக்கின்ற வகையில் பேணிச் செல்வதற்கு முடியுமான பிரகாரம் மின் நிலையத்திற்கு பொருத்தமான நிலக்கரியினை கொள்வனவு செய்வதன் மூலம் அதிக விலையில் மின் சக்தி மூலங்களுக்கு அனுப்புவதற்கு உள்ள சந்தர்ப்பத்தை குறைப்பதற்கு நடவடிக்கை எடுத்தல்.

**(தொடர்பு 6.5.2)**

7.8 வழங்குநர்களின் அனுபவத்தை பரீட்சிக்கும் போது கவனத்திற்கொள்ளப்படுகின்ற கடந்த 36 மாத காலத்தில் வழங்கப்பட்டுள்ள மொத்த நிலக்கரி மெற்றிக்தொன் அளவு மற்றும் மொத்த கலோறிப் பெறுமதி இந்த மின் நிலையத்திற்கு பொருத்தமான நியமத்துடனான மட்டத்தில் காணப் பட வேண்டிய மெற்றிக்தொன் அளவு அல்லாதிருக்குமாயின் தொழில்நுட்ப ஆலோசனையின் அடிப்படையிலும், பகுப்பாய்வின் அடிப்படையிலும் இந்த அளவு ஏற்றுக்கொள்ளக்கூடிய போதியள வான மட்டத்திற்கு கொண்டுவருவதற்கு தேவையான நடவடிக்கை எடுத்தல்.

**(தொடர்பு 6.3.6, 6.3.1)**

7.9 நிலக்கரி வழங்குவதற்காக பதிவு செய்யப்பட்ட வழங்குநர்களின் பதிவு தொடர்ச்சியாக 03 வருட காலத்திற்காக செல்லுபடியானதாக இருந்ததுடன் வருடாந்தம் அல்லது அந்த வழங்குநர்களில் சாத்திவளத்தை மதிப்பீடு செய்வதற்கான திட்ட முறைமையொன்றைத் தயாரித்தல்.

**(தொடர்பு 6.3.8)**

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கணக்காய்வாளர் தலைமை அதிபதி

2026 ஏப்ரல் 02 ஆந் திகதி

## Special Audit Report on the Coal Purchase Process by Lanka Coal Company for Lakvijaya Power Plant and Coal Procurement for the 2025/2026 Season

### Executive Summary

Lakvijaya Coal-fired Thermal Power Plant (LVPP) is the first and only coal-fired thermal power plant in Sri Lanka, owned by the Ceylon Electricity Board, located in the Kalpitiya-Norochchola area of the North Western Province, with a capacity of 900 Megawatts (MW). This power plant contributes to between 30 and 40 percent of the national electricity requirement and it has been identified that about 2.25 million metric tons of coal are required annually to operate the power plant. Accordingly, the Lanka Coal Company (LCC) was incorporated with the aim of supplying the coal requirement of this power plant, and that company has been carrying out the procurement of coal since 2010. The National Audit Office has issued two special audit reports in 2016 and 2022 based on the problematic situations that arose during those procurements. This report was issued following a request from the Committee on Public Enterprises, due to several challenging situations that arose during the procurement of coal for the 2025/2026 season, as well as the failure of the purchased coal shipments to meet the expected standards. Furthermore, this report has also provided an analysis of the procurement process and quality of coal supplied in the 2025/2026 season, as well as the purchasing methods used in previous years, and the quality of coal stocks supplied during the years 2020-2025.

The Lanka Coal Company follows the methods of long-term procurement (Term Tender) and immediate procurement (Spot Tender) for supplying coal to the Lakvijaya Power Plant, and an Indian company named Trident Champhar Limited was selected under the long-term procurement to purchase coal for the 2025/2026 season. In this procurement, it was clearly stated in the notice that bids were invited from suppliers who had completed their registration by the date the notice was published, and bids were also sent to three suppliers who had not confirmed their registration by paying the full registration fee by that date. It was observed that the aforementioned Trident Champhar Limited, which was selected for this procurement, had also not confirmed its registration by that date. Furthermore, the coal purchased will be inspected at the load port and discharge port by an independent inspector agreed upon by the buyer and seller to ensure that it meets the standards required for the Lakvijaya Power Plant. However, Mitra SK South Africa (Pty) Ltd, which was appointed by the seller at the loading port, did not have accreditation to inspect coal samples to the required standards. Therefore, it was not revealed to audit that the license to issue test reports for that purpose had been assigned to PT Mitra SK Analisa Testama Samarinda (Indonesia), whose license had been cancelled as at 29 December 2025, and that the license of this company had been updated as at 31 March 2026. However, Mitra SK South Africa (Pty) Ltd had issued reports at the loading port for all 12 shipments received, which were found to be unreliable. Accordingly, in the event of discrepancies between these reports and the data obtained from the plant's control unit, even though, the buyer was given several options to obtain confirmation of the reports obtained at the loading port, Lanka Coal Company had not taken steps to avail of those options.

It was observed that the Lanka Coal Company, when establishing the criteria for registering coal suppliers, had relaxed those criteria to an unacceptable level and that criteria with lower standards than those requested with the bid documents had been considered during registration. Due to this, it was observed that suppliers with experience in supplying coal at or near the rejected gross calorific value level have also been given the opportunity to supply coal for this power plant.

It was observed that the total estimated loss due to overconsumption as a result of the increase in the amount of coal required to generate 1 kilowatt hour of electricity using coal in the original 9 ships supplied by Trident Chemphar Limited for the 2025/2026 season was Rs. 2,237.7 million as calculated by the audit. Furthermore, if it is not possible to obtain the full capacity, or 300 MW, using the relevant coal, and additional energy has to be supplied from an alternative source, the audit calculated the estimated amount of energy that would need to be supplied additionally under two alternative scenarios. Out of these, according to Option 01 (assuming that full capacity is required for 24 hours a day), the estimated amount of additional energy to be supplied is 114,531,131 kilowatt hours, while according to Option 02 (assuming that the system control unit requests electricity from the power plant at full capacity for 16 hours a day), the estimated amount of additional energy to be supplied is 76,354,087 kilowatt hours. Also, the penalty that can be recovered from the supplier is Rs. 2,332.5 million.

Furthermore, due to the inability to land coal during a certain period of the year, although steps should have been taken to procure coal to the maximum extent possible during the period when coal could be supplied to Sri Lanka, the Lanka Coal Company had failed to procure a shipload of coal to Sri Lanka within the 40-day period from 13 November 2025 to 30 December 2025, when the opportunity to procure coal existed. Furthermore, it was observed that although 18 cargoes were planned to be received from the procurement for 2025/2026 by 20 March 2026, only 12 cargoes had been unloaded. Due to this, 300,000±10% of coal had to be procured through an immediate procurement on 18 March 2026 and it was observed that Taranjot Resource (pvt) Ltd, which was selected for this procurement, was a company that had failed to supply the gross calorific value of 5900 kcal/kg, which was the rejected level, during the 36 months prior to its registration. It was also observed by the audit that the inability to bring in coal ships within the stipulated periods and the inability to meet the needs of the coal-fired power plant due to uncontrollable circumstances that may arise in the future may adversely affect the continuous supply of electricity.

Chapter 7 of this report also provided several recommendations that can be used to strengthen internal controls in coal procurement, while minimizing the economic, social and other impacts that may occur by controlling the above-mentioned situations.

## 01. Background and Nature of the Report

The Norochcholai Lakvijaya Coal Power Plant, which contributes between 30 and 40 percent of the national electricity requirement, operates as a Base Load Power Plant in Sri Lanka. An average of 2.25 million MT of coal is required annually to operate this power plant and this quantity is met by the Lanka Coal Company, which is responsible for the procurement of coal on behalf of the power plant through long-term procurement and immediate procurement as required. Accordingly, since the quantity of coal to be received from the procurement for the period 2024/2025 was due to be received by 13 November 2025, the procurement process for 2025/2026 had commenced. During this period, the Indian company, Trident Chemphar Ltd. was selected to supply coal. The company had completed the supply of 12 coal shipments by 11 March 2026. However, since the Gross Calorific Value of the coal supplied in the first shipment was below the rejected level at the discharge port, and according to independent test reports obtained at the load port and discharge port, the gross calorific value of the coal imported thereafter was not up to the required standard (6,150 kcal/kg) for the power plant, but was above the rejected level (5,900 kcal/kg), it was revealed that the control unit of the power plant had not been able to generate the desired electricity capacity using the relevant coal. Accordingly, it had been discussed by various parties, including Parliament, the Sectoral Oversight Committee on Infrastructure and Strategic Development, and the media, that the imported coal stock for the power plant during the 2025/2026 season did not comply with the standards prescribed. In such a situation, I intended to conduct an examination in this regard and on 24 February 2026, the Parliament of Sri Lanka had also requested that an examination be conducted in this regard.

Furthermore, the Auditor General has previously conducted detailed audits on 2 occasions regarding the timely issues arising in the procurement of coal to Sri Lanka, tabled them in Parliament and published them on the website of the National Audit Office. The 2 reports are as follows.

01 Special Audit Report on Coal Procurement for the Period 2009 – 2016

02 Special Audit Report on the Evaluation of the Coal Procurement Process for the Lakvijaya Coal Power Plant, Norochcholai for the Period 2022–2025

Accordingly, in referring to this report, attention is drawn to both the above-mentioned reports and this report was issued in pursuance of the powers vested in me to issue a special report under Section 13 of the Audit Act, No. 19 of 2018.

## 02. Methodology followed

The following procedures were followed in preparing this report

### 2.1 Document review

i. Cabinet Memoranda, Cabinet Decisions and Observations of the Minister concerned related to the events covered by this report regarding the procurement of coal

ii Bid documents, agreements with suppliers, bid evaluation committee reports, standing procurement committee reports and other documents related to procurement made for the period 2025-2026 and previous occasions, as and when required

iii Documents related to registration of suppliers

iv Procurement Guidelines 2024 and 2006

v Log books maintained by the operating officers of the control units of Power Plants 1, 2, 3 in relation to each unit

vi Power system reports prepared daily by the System Control Unit of the Transmission Division

vii Reports including daily energy generation curves published on the website of the Public Utilities Commission and the Ceylon Electricity Board (Generation Curve)

**2.2 Other methods**

i. Discussion with officials of Lakvijaya Power Plant

ii. Physical inspection of the coal bunkering directly at the power plant and checking the data of the control unit in such cases

iii. Discussions with officials of the Ceylon Coal Company, the Ceylon Electricity Board and the System Control Division when necessary.

**03. Scope**

The Lanka Coal Company had been carrying out procurement activities since the year 2010 and from that date to the period 2022 – 2025 procurement, two detailed special audit reports were issued in the years 2016 and 2022 as mentioned in paragraph 01 above, based on the audit risk arising in relation to the procurements carried out by the Coal Company at certain times. This report, focusing on those two reports, examined the procurement process related to the period 2025/2026, based on the available time. Furthermore, information has been presented on the suppliers selected since 2010, as well as on the procurement of coal through long-term procurement and emergency procurement. Additionally, an analysis has been made of the variations in the parameters related to the coal stocks imported to Sri Lanka during the period 2020 -2025. Moreover, this report has analyzed the parameters of the 11 coal ships supplied to the Ceylon Electricity Board by Trident Chemphar Ltd., an Indian company, as of 16 March 2026, in relation to the procurement period 2025/2026.

In this special audit, in cases where the daily coal consumption rate of the Lakvijaya Power Plant has increased compared to the average coal consumption rate during the period 2020-2026, if the quality of the imported coal stocks has decreased during that period and/or if the unit has not been able to operate at its full capacity of 300 MW due to a decrease in the quality of the coal, then only the estimated amount of energy that needs to be supplied additionally from another source due to the loss that may occur owed to excessive coal consumption and/or the inability to achieve full capacity is calculated.

## 04. Scope limitation

i. Expert services should be obtained to examine whether and what impact the use of coal that does not meet the relevant standards will have on the environment, and it is not possible to assess the environmental impact within the time frame given to prepare the report

ii. Furthermore, an expert service should be obtained to examine whether the use of coal that does not meet the relevant standards will have an impact on the plant's machinery and, if so, what impact, and such an assessment cannot be made due to the time given to prepare the report.

iii. There was no opportunity to obtain specific confirmation regarding the independence of the tests conducted at the loading port and the discharging port

iv. Since the primary purpose of the sample tests conducted by the laboratory maintained by the Lakvijaya Power Plant is not to check the quality of coal stocks imported into Sri Lanka, it is not possible to fully base this report on these reports.

v. To make audit observations using data obtained from the main control unit maintained by the power plant for a long time

vi. To make analysis based on the information mentioned in the log books maintained by the operating officers of the main control unit of the power plant units 1, 2 and 3 in relation to each unit.

vii. To make observations based on the data provided by the Fuel Handling (Operations) Division of the Lakwijaya Power Plant regarding the filling of coal into the bunkers (including the quantities of coal stocks since a part of it is directly filled into the bunkers during the unloading of coal stocks).

## 05. Process

### 5.1 Introduction to Lakvijaya Power Plant

The Lakvijaya Coal-fired Thermal Power Plant is the first and only coal-fired thermal power plant in Sri Lanka, owned by the Ceylon Electricity Board, located in the Kalpitiya-Norochchola area of the North Western Province, with a capacity of 900 MW. The first phase of this power plant was commissioned in 2006 with a capacity of 300 MW, and the second phase was commissioned in 2010 with a capacity of 600 MW, and in 2011, 300 MW of the first phase and in 2014, 600 MW of the second phase were first added to the national electricity grid. Accordingly, it was identified that this power plant will contribute between 30 and 40 percent of the national electricity requirement and that approximately 2.25 million metric tons of coal will be required annually to operate the power plant.

## 5.2 Meeting the coal requirement for the power plant

Due to the influence of the southwest monsoon (Varakan) in the Norochchola area during the period from May of one year to August of the following year, it is difficult to anchor the ship, unload the coal, and reach the jetty of the power plant for the barges carrying the coal. Therefore, the annual coal requirement required for thermal power generation is met from October to March of the following year by collecting the coal and storing it in the yard, and then the energy generation activities are continued by utilizing the stored coal. Since the amount of coal brought to the power plant for power generation per ship is about 60,000 MT, about 38 ship voyages are expected in a year according to the above requirement.

## 5.3 Introduction to Lanka Coal (Private) Company Limited

5.3.1 The Lanka Coal (Private) Company Limited was incorporated on 23 January 2008 under the Companies Act, No. 07 of 2007, in terms of the Cabinet Decision No. ඇමෙ/06/0636/222/019 dated 05 April 2006 **(Annexure 01)** with the objective of procuring and supplying coal to the coal-fired thermal power plants in Sri Lanka. The shares of this company are owned by the Ceylon Electricity Board (60 per cent), the Treasury (20 per cent), the Sri Lanka Ports Authority (10 per cent) and the remaining 10 per cent by the Ceylon Shipping Corporation.

5.3.2 The main business activity of the company is to supply the required quantity of coal for the Lakvijaya Coal Power Plant (LVPP) in Norochcholai at the right price in the required quality. Accordingly, the first coal ship for the procurement and supply of coal for the Lakvijaya Coal Power Plant was procured by Nobel Resources Company on 06 July 2010.

5.3.3 Accordingly, from the inception of the Norochcholai Power Plant, or from 2010 to the end of the coal procurement period on 11 March 2026, the Lanka Coal Company had procured about 465 shiploads, of which 135 shiploads were procured through the Spot Tender process, 240 shiploads through long-term procurement agreements (Term Tender) and 90 shiploads through submitted plans.

## 5.4 Analysis of the Procurement Process Conducted by the Company

### 5.4.1 Selection of Suppliers for Coal Procurement

The Company conducts annual registration of suppliers for the selection of suppliers for coal procurement, and the international suppliers applying for registration are evaluated on the basis of their prior experience in supplying coal, financial capacity, legal status and other necessary criteria to be evaluated, and the coal suppliers are registered as registered suppliers of the Lanka Coal Company annually. The prices are invited and evaluated from the registered suppliers following a limited international bidding process, and a supplier is selected to supply coal for the upcoming coal season or for a year.

### 5.4.2 Payment for the purchase of coal

**5.4.2.1** Prior to 2022, the API4 index (South African Index), a single index-linked price, was used as the basis for determining the coal purchase price in the current tender, which was calculated as a monthly average published by Argus Media.

**5.4.2.2** After 2022, composite indices were introduced for determining prices, where two indices, API4 (South Africa Index) and API6 (Australian Index) were used. Subsequently, based on the recommendations of the Department of Census and Statistics and the University of Colombo, on the advice of the Cabinet, a revised methodology was adopted using a composite index obtained by averaging three coal indices in three regions representing the main coal supplying regions to Sri Lanka, as follows: **(Annexure 02)**

(i) API4 – South African Index

(ii) ICI (Indonesia) – Monthly average of ICI1 and ICI2

(iii) RCI (Russia) – Monthly average of Taman and Vostochny regions

**5.4.2.3** Furthermore, all final payments were made based on the Load port quality inspection report before 2019, and although Discharge Port quality inspection reports were obtained, those reports were not used as the basis for making payments. Thereafter, payments were first made based on Discharge Port quality inspection reports in the 241st shipment of the 2019/2020 season. Accordingly, 80 percent of the value of the coal stock will be paid to the supplier after receiving the supplier's invoice based on the Load Port Quality Inspection Report and the remaining 20 percent will be paid to the supplier after price adjustments based on the Discharge Port Inspection Report after receiving the coal stock.

### 5.4.3 Procurement activities carried out by the Company from the year 2010 to the year 2026

The Company has issued two special audit reports on two occasions as mentioned in paragraph 01 above regarding the procurements carried out for the purchase of coal for the Norochcholai Power Plant and has submitted the relevant analyses indicating the information contained in those reports. This analysis is presented under two scenarios, a brief presentation related to the period 2010 - 2022/2025 (since two detailed special reports have been submitted as indicated above) and a detailed analysis regarding the procurement in the year 2026 has been presented.

### 5.4.3.1 Purchases from 2010 to 2025/2026

### Table No. 01 - Purchases from 2010 to 2025/2026

| | Coal Season | LVPP Demanded Quantity | Percentages (%) | | | | | | | | | Total Quantity Supplied |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Total Shipments | Total Average Price per MT ($) | Term Tender Quantity (Base Price) | No. of Shipments of Term Tender | No of Spot Tender | Spot Tender Quantity (Fixed Price) | No. of Shipments of Spot Tender | TT | ST | |
| 1 | 2010-2011 | - | 5 | $132.93 | 208,589 | 3 | 1 | 81,688 | 2 | 60% | 40% | 290,277 |
| 2 | 2011-2012 | - | 13 | 126.01 | 769,961 | 12 | 1 | 59,358 | 1 | 92% | 8% | 829,319 |
| 3 | 2012-2013 | - | 10 | 100.06 | 554,805 | 10 | - | - | - | 100% | - | 554,805 |
| 4 | 2013-2014 | - | 18 | 93.1 | 1,003,549 | 18 | - | - | - | 100% | - | 1,003,549 |
| 5 | 2014-2015 | - | 32 | 86.41 | 1,849,726 | 32 | - | - | - | 100% | - | 1,849,726 |
| 6 | 2015 – 2016 | 2,200,000 | 39 | $65.71 | 1,064,724 | 18 | 4 | 1,126,805 | 21 | 46% | 54% | 2,191,529 |
| 7 | 2016 – 2017 | 2,200,000 | 37 | $82.10 | 935,270 | 16 | 4 | 1,274,713 | 21 | 43% | 57% | 2,209,983 |
| 8 | 2017 – 2018 | 2,100,000 | 35 | $85.88 | 1,198,942 | 20 | 3 | 918,223 | 15 | 57% | 43% | 2,117,165 |
| 9 | 2018 – 2019 | 1,920,000 | 31 | $90.33 | 1,212,700 | 20 | 2 | 655,316 | 11 | 65% | 35% | 1,868,016 |
| 10 | 2019 – 2020 | 2,400,000 | 40 | $61.33 | 1,275,205 | 21 | 4 | 1,144,713 | 19 | 53% | 47% | 2,419,918 |
| 11 | 2020 – 2021 | 2,520,000 | 42 | $76.93 | 1,179,374 | 20 | 5 | 1,288,115 | 22 | 48% | 52% | 2,467,489 |
| 12 | 2021 – 2022 | 2,360,000 | 35 | $184.44 | 1,166,434 | 19 | 3 | 954,274 | 16 | 54% | 46% | 2,120,708 |
| 13 | 2022 – 2023 | 2,420,000 | 30 | $224.73 | 1,203,053.06<br>472,129.41 * | 20<br>8 | 1 | 121,100 | 2 | 93% | 7% | 1,796,282.47 |
| 14 | 2023 – 2024 | 2,335,000 | 38 | $126.27 | 236,297.10 *<br>1,690,276.43 ** | 4<br>29 | 1 | 293,997.57 | 5 | 87% | 13% | 2,220,571.10 |
| 15 | 2024 - 2025 | 2,240,000 | 38 | $121.82 | 2,150,477.60*** | 9<br>29 | - | - | - | 100% | - | 2,150,477.60 |
| 16 | 2025-2026 | 2,320,000 | 36 | $97.92 | 1,272,172.395**** | -36<br>22* as at 2026.03.16 | - | - | - | 100% | - | 1,272,172.395***** |

* *For the 2022–2023 coal season, proposals were invited; however, due to the economic downturn in the country, no registered or non-registered suppliers submitted responsive bids.*

** *For the 2023–2024 season, proposals were invited from registered suppliers and the tender was initially awarded to Coral Energy. As Coral Energy did not accept the award and failed to furnish the required performance bond, the award was subsequently granted to Black Sand Commodities.*

*** *For the 2024–2025 season, after cancelling the tender process, the contract for a quantity of 2.25 million MT ±10% was awarded to Potencia based on their proposal.*

#### 5.4.3.1.1 Procurement Process from July 2022 to 2025/2026

##### 5.4.3.1.1.1 Acquisition of 4.5 million metric tons ± 10% for the period 2022-2025

The Lanka Coal Company Limited had commenced the long-term procurement process for 4.5 million metric tons ± 10% of coal on 21 July 2022, which will cover three periods, namely, 2022-2023, 2023-2024, 2024-2025, covering 1.125 million metric tons, 2.25 million metric tons and 1.125 million metric tons of coal respectively. It was expected to be procured at a cost of 1.125 million. The procurement process was initiated on 21 July 2022 and the contract was awarded to Black Sand Commodities on 25 August 2022, or within a short period of 35 days. The contract award was cancelled on 22 August 2022 due to failure to provide the performance bond. (A special audit report titled Evaluation of the Coal Purchase Procurement Process for the Norochcholai Lakvijaya Coal Power Plant for the period 2022–2025 was issued in this regard in 2022)

##### 5.4.3.1.1.2 Procurement of 720,000 ± 10% coal from January to April 2023

i. In view of the urgent and exceptional circumstances, the Cabinet of Ministers had approved the Cabinet Memorandum No. 22/1872/621/014-vi dated 18 November 2022 **(Annexure 03)** to invite proposals within a week from prospective registered or solicited or voluntary suppliers on credit facilities and on an unsolicited proposal basis and between the bidders and the Government for immediate and long-term procurements that have been cancelled, on a one-week basis **(Annexure 04).**

ii. The Cabinet decision had also approved the relaxation of bid bonds, performance bonds and qualification criteria and the acceptance of deferred payments, non-resident rupee accounts or other payment methods to increase participation and competition among suppliers. Accordingly, out of the proposals submitted by 09 suppliers for the proposals called on 23 November 2022, MS/PT Arista Miltra Jaya was selected to supply 720,000 MT of coal **(Annexure 05),** the contract agreement signed on 27 January 2023 was cancelled on 06 March 2023 due to the non-acceptance of the letter of credit provided by the coal company by the supplier's bank **(Annexure 06).**

iii The Cabinet Sub-Committee appointed thereafter had evaluated the initial proposals **(Annexure 07)** and the Cabinet Memorandum No. 23/0259/621/007/TBR dated 06 February 2023 (Annexure 08) was approved at the Cabinet meeting on 06 February 2023 and an agreement was entered into with Coral Energy DMCC Company on 23 February 2023 for the supply of 720,000 MT of coal.

##### 5.4.3.1.1.3 Procurement of 300,000 MT ± 10% (05 Shipments) through Immediate Procurement for the period 2023-2024

In accordance with the decision of the Special Standing Procurement Committee (SSCAPC) dated 23 June 2023 to invite bids from suppliers registered and intending to register on or before 18 July 2023, bid invitations were sent on the same day **(Annexure 08)** and it was informed that the bids should be sent and received before 21 July 2023. For this, 06 suppliers had submitted bids and Coral Energy Company was selected as the lowest

qualified bidder. Accordingly, an agreement was signed with this company on 07 September 2023 for the supply of 300,000 metric tons of coal (at a CFR price of 128.99). The Cabinet had taken steps to provide cover approval for this at the Cabinet meeting held on 26 September 2023. **(Annexure 09)**

**5.4.3.1.1.4 Purchase of 2.25 million metric tons of coal from October 2023 to December 2024 under long-term procurement (LCC/23/TT/1)**

Meanwhile, in accordance with the Cabinet decision dated 27 March 2023 **(Annexure 10),** 05 suppliers had responded to the newspaper advertisement published on 13 June 2023 and the invitation to bid via email for the above period for the long-term procurement. In accordance with the SCAPC decision dated 18 September 2023 **(Annexure 11),** the contract had been awarded to Coral Energy DMCC. However, due to the withdrawal of the bid by the supplier company on 18 September 2023, the Cabinet had decided to cancel the procurement on 25 September 2023 **(Annexure 12).**

**5.4.3.1.1.5 Purchase of 2.25 million metric tons of coal for the procurement period 2023/2024 and 2024/2025 LCC/23/Prop/1**

i. Cancellation of the said procurement It was necessary to supply coal to the power plant at a very short notice and due to the emergency situation, on 25 September 2023, as per the above Cabinet approval, an Expression of Interest (EOI) was invited from registered suppliers within a week for the purchase of 2.25 million metric tons of coal.

ii. Accordingly, 04 bids were received on 20 September 2023 and agreements were signed with the selected Black Sand Commodities FZ-LLC Company on 29 September 2023. Accordingly, this supplier had supplied 16 out of the 38 ships contracted to supply, or 914,495 MT, and due to geopolitical issues, the Board of Directors' proposal made by the above supplier to supply the remaining quantity of 1,390,342 MT due to the imposition of sanctions on the Company's parent company SUEK AG (Russia) was approved by the Cabinet on 18 March 2024 to transfer the responsibility for supplying the above quantity to POTENCIA LLC-FZ **(Annexure 13).** Subsequently, an additional agreement was signed between the Company and POTENCIA LLC-FZ on 19 March 2024. However, the above-named supplier had commenced coal supply prior to the above approvals or on 27 January 2024 and had supplied 13 shiploads for the period 2023/2024 and 9 shiploads for the period 2024/2025 to this company.

**5.4.3.1.1.6 Cancellation of the purchase of 2.225 million metric tons under long term procurement (lcc/tt/24/1) for the period 2024/2025 and 2025/2026 and purchase through a proposal as LCC/23/Prop/1 New.**

i. On 07 November 2023, as per the request of the Ministry of Power and Energy **(Annexure 14),** the Director General of State Enterprises had appointed the TEC and SSCAPC Committees on 06 December 2023 **(Annexure 15)** for the purchase of 2.25 metric tons under long-term procurement for the periods 2024/2025 and 2025/2026, and bids had been invited on 20 February 2024. Although the last date for submission of bids for this was considered to be 02 April 2024, the last date for calling bids had been changed four times and extended to 08 July 2024 due to various reasons. On the bid evaluation date, i.e. 08 July 2024, Potenzia, an unregistered company supplying coal under the Novation agreement, submitted a proposal, but the TEC had recommended Adithya Birla Company, which submitted a CFR price of $135.79, as the lowest substantive bid without evaluating it. As per the Cabinet decision dated 05 August 2024 **(Annexure 16),** as stated in the Cabinet Memorandum No. AMAP/24/1493/621/075 dated 25 July 2024 **(Annexure 17),** a price adjustment was to be negotiated with the selected supplier and, if that fails, the current supplier was to evaluate the proposal and 50 percent of the original agreement with Potenzia was proposed to that supplier. Further, as per the observations of the Minister of Finance, a Cabinet Sub-Committee was appointed for this purpose and the recommendations were given on 21st August 2024 **(Annexure 18).**

ii. On the recommendations of the said sub-committee, the Cabinet had approved on 22 August 2024 to cancel the long-term tender as Adithya Birla Company, which was selected under the long-term tender, did not agree to the price adjustment and to supply the entire requirement of 2.25 million MT of LCC/23/PROP/1 (new) at the price of $121.82 CFR price proposed by Potenzia Company **(Annexure 19).** It also approved Potenzia's request to receive payment through Telegraphic Transfer instead of through Letters of Credit (LC). Accordingly, the contract was awarded on 12 September 2024 **(Annexure 20).**

**5.4.3.2 Coal Procurement for the Period 2025/2026**

**5.4.3.2.1 Registration of Suppliers for the Period 2025**

(i) The Company has established a procedure for the annual registration of coal suppliers by the Lanka Coal Company, based on the assessment of the prior experience of international suppliers in supplying coal, financial capacity, legal status and other necessary criteria to be assessed. This registration is carried out throughout the year and a registration of suppliers had also been carried out before the commencement of the procurement of coal for the period 2025/2026. This registration is the second registration carried out in the year 2025 and prior to that registration, 21 suppliers had been registered in the last three years. In the above-mentioned final supplier registration for the purchase of coal in the year 2025/2026, 09 suppliers were considered for registration. The Bid Evaluation Committee

(BEC) and the Standing High Level Procurement Committee (SHLPC) appointed by the Cabinet, consisting of the following members, were appointed on 23 July 2025 to evaluate the suppliers for selection for registration **(Annexure 21).**

**Table No. 02 - Bid Evaluation Committee (BEC) appointed to select a supplier**

| **Name** | **Designation** | **Designation in the Committee** |
|---|---|---|
| Mr. D.M.R.K.B. Gunaratne (Eng.) | Deputy General Manager - Ceylon Electricity Board (Mahaweli Complex) | Chairman |
| Mr. T.P. Kodituwakku | Director (Technical) Ministry of Energy | Member |
| Mrs. Himali Bogodagedara | Director, Department of Foreign Resources | Member |
| Mr. W.A.K.D. Premathilaka | Additional Financial Manager (Generation) Ceylon Electricity Board | Member |
| Mr. B.A. Ajith Kumara | Financial Manager - Ceylon Coal Company | Member |
| Mr. H. Saman de Silva | Acting Manager - (Catering and agency) Ceylon Shipping Corporation Limited | Member |
| Mr. P.W. Bamunusinghe | Plant Manager, Lakvijaya Plant | Member |
| Mr. A.B.M. T. Abeykoon | Deputy Plant Manager, Lakvijaya Power Plant (Commercial and Supervision) | Member |

**Table No. 03 Standing High Level Procurement Committees (SHLPC) appointed to select a supplier**

| **Name** | **Designation** | **Position in the Committee** |
|---|---|---|
| Mr. K.R. Uduwawala | Secretary - Ministry of Environment | Chairman |
| Prof. K.T.M. Udayanga Hemapala | Secretary - Ministry of Energy | Member |

| | | |
|---|---|---|
| Mrs. W.A. Dilrukshini | Assistant Governor, Central Bank of Sri Lanka | Member |
| Mr. M.K. Pradeep Kumara | Director General, Department of Trade and Investment Policy | Member |
| Mr. W. Edussuriya | General Manager, Ceylon Electricity Board | Member |
| A.B.L.G. Kalansuriya | Additional Director General, Public Accounts Department | Member |

The notice inviting applications for the pre-qualification test for the registration of suppliers for the year 2025 by the Lanka Coal Company was published in a national newspaper on 12 January 2025 and on the website of the Lanka Coal Company on 16 January 2025 **(Annexure 22).** According to the said notice, once the Standing Procurement Committee has approved the registration of a supplier, a non-refundable fee of US$ 5,000 is to be paid.

(ii) The following criteria must be met as per the instructions provided with the call for applications to register with the Coal Company as a supplier **(Annexure 23).**

- A supplier applying for registration should have experience of supplying more than 500,000 MT of coal in the last 36 months, out of which at least 100,000 MT should have a GCV of 5,900 kcal/kg or more.

  (The criteria for registration of a supplier before the above condition as amended on 23 June 2023 stated that a supplier applying for registration should have experience of supplying at least 1,000,000 MT of coal in the last 36 months, out of which at least 500,000 MT should have a GCV of 5,900 kcal/kg or above.)

- The average annual turnover for the last 3 years should be US$ 50 million or more.
- Working capital and/or ability to obtain credit facilities should be not less than US$ 15 million.
- Accurate information about litigations and settlements regarding contracts performed by the applicant in the last 3 years.

(iii) After the evaluation of the applications by the Technical Evaluation Committee, the Standing High Level Procurement Committee (SHLPC) had approved the following 06 suppliers as qualified suppliers for registration. **(Annexure 24)**

- POTENCIA LLC-FZ
- A2A TRADING FZE
- PANACAPE TRADING DMCC
- TRIDENT CHEMPHAR LIMITED
- SPIRIKO Ltd.
- PERSEVERANCE DMCC

(iv) The criteria submitted by the above suppliers for evaluation are as follows.

**Table No. 04 Information submitted by suppliers**

| **Criteria** | **Supply of 500,000 MT of coal in the last 36 months (100,000 of which must have a GCV of 5,900 kcal/kg or higher)** | **Average turnover of the last 3 years (US$ 50)** | **Working capital and credit facilities of not less than US$ 15 million.** | **Have there been any legal issues regarding contracts performed by the applicant in the last 3 years?** |
|---|---|---|---|---|
| POTENCIA LLC-FZ | Total Supply 537,515MT<br>GCV 5900 < 537515MT | 116Mn | Fulfilled | N/A |
| A2A TRADING FZE | Total Supply 506,610MT<br>GCV 5900 < 206407 MT | 94Mn | Fulfilled | N/A |
| PANACAPE TRADING DMCC | Total Supply 531,284MT<br>GCV 5900 < 531,284MT | 263Mn | Fulfilled | N/A |
| TRIDENT CHEMPHAR LIMITED | Total Supply 504,997MT<br>GCV 5900 < 215,590MT | 156Mn | Fulfilled | N/A |
| SPIRIKO Ltd. | Total Supply 536,597MT<br>GCV 5900 < 536,597MT | 240Mn | Fulfilled | N/A |
| PERSEVERANCE DMCC | Total Supply 673,604MT<br>GCV 5900 < 673,604MT | 2,667Mn | Fulfilled | N/A |

(v) In addition, the gross calorific value (GCV) of the coal stocks supplied by Taranjot Resource (pvt) Ltd., registered in the year 2023, during the 36 months preceding the year 2023, remained within the following limits.

**Table No. 05 Taranjot Resource (pvt) Ltd. Coal supplied in the last 36 months of its registration**

| **Limit** | **Quantity of Mt supplied** |
|---|---|
| 5,500-5,899 | 43,994 |
| 5,000-5,999 | 186,463 |
| 4,500 -4,999 | 106,158 |
| 4,000-4,499 | 403,244 |
| 3,500-3,999 | 172,767 |
| 3,000 -3,499 | 203,274 |
| **Total** | **1,115,900** |

(vi) Accordingly, on 14th August 2025, the Chairman of the Sri Lanka Coal Company had informed the above-mentioned suppliers that they were eligible to register as suppliers of the Sri Lanka Coal Company based on the decisions of the relevant High Level Standing Procurement Committee (SHLPC). Furthermore, the said letter had also emphasized the need to pay the registration fees promptly in order to secure participation in the tender as there was a limited time limit for the procurement of 1.5 MT. **(Annexure 25)**

(vii) Accordingly, the above suppliers had paid the relevant registration fees as follows to confirm the relevant registration.

**Table No. 06 Dates of confirmation of registration of suppliers registered in the year 2025**

| **Supplier** | **Date of Payment** | **Amount Paid USD** | **Date on which the company confirms that the payment has been made and the registration has been completed** |
|---|---|---|---|
| POTENCIA LLC-FZ | 18 August 2025 | 5,000 | 18 August 2025 |
| A2A TRADING FZE | 15 August 2025 | 5,000 | 15 August 2025 |
| PANACAPE TRADING DMCC | 19 August 2025 | 5,000 | 19 August 2025 |
| TRIDENT CHEMPHAR LIMITED | 19 August 2025<br><br>22 August 2025 | 4,980<br><br>20 | 22 August 2025 |
| SPIRIKO Ltd. | No payment | | |
| PERSEVERANCE DMCC | 15 August 2025 | 5,000 | 15 August 2025 |

**5.4.3.2.2 Procurement process for the purchase of coal for the period 2025/2026**

(i) The Master Procurement Plan for the year 2025 was submitted by the Lanka Coal Company (LCC) to the Secretary, Ministry of Energy by letter No. LCC/OP/MPP&AP/25 dated 05 February 2025 for approval **(Annexure 26)** and the Additional Secretary had given approval for the same on 19 March 2025 **(Annexure 27)**.

(ii) As per Cabinet Decision No. 15/1082/615/042 dated 23 July 2015 **(Annexure 28)** regarding the procurement of coal, approval has been given for procurement activities under the Spot Tender method, therefore, the Company had prepared a Procurement Time Schedule (PTS) including that method and submitted it to the Ministry of Energy on 08 April 2025, and for this purpose, requests had been made by letter bearing LCC No. dated 08 April 2025 to appoint a Standing High Level Procurement Committee (SHLPC) and a Bid Evaluation Committee (BEC) as soon as possible **(Annexure 29).**

(iii) The Secretary to the Ministry of Energy had requested the appointment of one Procurement Committee and one Bid Evaluation Committee for both long-term and short-term procurements by letter No. PE/TEN/SSCAPC/SS/2015/43 dated 25 April 2025 **(Annexure 30)** and in response to that request, the National Procurement Commission had expressed its concurrence by letter No. NPC/PP/01/CL-154/2025 dated 02 June 2025 **(Annexure 31)**.

(iv) Accordingly, the Ceylon Electricity Board had informed the Company by letter No. LVPP/PPM/PEC-3/25-05 dated 09 June 2025 that the annual coal requirement for the Lakvijaya Power Plant for the period 2025 -2026 (15 September 2025 to 15 September 2026) is 2.320 million MT ±10%. **(Annexure 32).**

(v) Meanwhile, the Lanka Coal Company had submitted the draft bidding documents to the National Procurement Commission vide letter No. LCC/CH/01/25/13 dated 26 June 2025 **(Annexure 33)** and the Minister of Energy had submitted the Cabinet Memorandum No. 25/1188/825/066 dated 04 July 2025 to commence the procurement of coal for the upcoming period 2025 -2026. Approval was sought for the following proposals in this memorandum **(Annexure 34).**

a. Invitation of bids from a registered supplier under the long-term procurement process for the procurement of 2.320 million MMT±10% (39 shipments) of coal for the period 2025/2026 for the Lakvijaya Coal Power Plant in Norochcholai

b. In case of disruption to coal supply, procurement of coal through emergency procurement methods following Section 3.1.8 of the Procurement Guidelines

c. Government intervention and support for the proposed payment terms and tax exemption mentioned under 2.7 of the above memorandum

d. Authorization of the Secretary to the Ministry of Financial Planning and Economic Development to appoint a High-Level Standing Procurement Committee (SHLPC) and a Bid Evaluation Committee (BEC) for the procurement of coal in a timely manner and for long-term procurement

(vi) The above Cabinet Memorandum was considered at the Cabinet meeting held on 21st July 2025, where it was decided to invite bids from registered suppliers for 2.320 million MMT±10% and procure under a long-term contract, to provide an opportunity for suppliers with at least two years of experience to submit bids in order to achieve greater competitiveness and value for money, to provide a fair opportunity to the Ceylon Shipping Corporation to match the transport charges offered by the bidders for bulk transportation/wagon hire of coal and to appoint a High Level Standing Committee (SHLPC) in relation to this procurement. Approval was given to delegate the necessary authority to appoint the High-Level Procurement Committee (SHLPC) and the Bid Evaluation Committee (BEC) **(Annexure 35).**

(vii) Based on the said approval, the Additional Director General of the State Finance Department appointed the High-Level Procurement Committee (SHLPC) on 28 July 2025 and the Bid Evaluation Committee (BEC) on 23 July 2025. It consisted of the following members.

**Table No. : 07 Standing High Level Procurement Committee (SHLPC)**

| **Name** | Designation | **Designation in the Committee** |
|---|---|---|
| Mr. K.R. Uduwawala | Secretary - Ministry of Environment | Chairman |
| Prof. K.T.M. Udayanga Hemapala | Secretary - Ministry of Energy | Member |
| Mrs. W.A. Dilrukshini | Assistant Governor - Central Bank | Member |
| Mr. M.K. Pradeep Kumara | Director General, Department of Trade and Investment Policy | Member |
| Mr. W. Edussuriya | General Manager, Ceylon Electricity Board | Member |

**Table No.: 08 Bid Evaluation Committee (BEC) appointed to select a supplier**

| **Name** | **Designation** | **Designation in the Committee** |
|---|---|---|
| Mr. D.M.R.K.B. Gunaratne (Eng.) | Deputy General Manager - Ceylon Electricity Board (Mahaweli Complex) | Chairman |

| | | |
|---|---|---|
| Mr. T.P. Kodituwakku | Director (Technical) Ministry of Energy | Member |
| Mrs. Himali Bogodagedara | Director, Department of Foreign Resources | Member |
| Mr. W.A.K.D. Premathilaka | Additional Financial Manager (Generation) Ceylon Electricity Board | Member |
| Mr. B.A. Ajith Kumara | Financial Manager - Ceylon Coal Company | Member |
| Mr. H. Saman de Silva | Acting Manager - (Catering and agency) Ceylon Shipping Corporation Limited | Member |
| Mr. P.W. Bamunusinghe | Plant Manager, Lakvijaya Plant | Member |
| A.B.M. T. Abeykoon | Deputy Plant Manager, Lakvijaya Power Plant (Commercial and Supervision) | Member |
| Saman Herath | Acting Accounts Officer, Lanka Coal Company Member | Member |

(viii) In the meantime, the Company had made a request to the Secretary, Ministry of Energy by letter No. LCC/CH/01/25/19 dated 14 July 2025 for the procurement of additional 225,000MT of coal (05 shipments) or 10% Plus option quantity under the tender LCC/Prop/23/I for the period 2024/2025**(Annexure 36).**This request was approved by the Secretary, Ministry of Energy by letter No. PE/TEN/SHLPC/SP/2025/27 dated 18 July 2025**(Annexure 37).**

(ix) The Company had requested the Secretary to the Ministry of Energy, vide letter No. LCC/25/TT/1 dated 31 July 2025, to reduce the period from 42 days to 21 days in accordance with Section 6.3 of the 2024 Procurement Guidelines, or to obtain approval for one of the two options, namely, to procure 300,000 MMT±10 for the period from 14 December 2025 to 3 January 2026 **(Annexure 38).** Meanwhile, the Standing Procurement Committee had decided that the approval of the Procurement Commission should be obtained to reduce the period for the bid, as recommended by the Bid Evaluation Committee that met on 05 August 2025 (Annexure 39). Accordingly, on August 5, 2025, the Secretary to the Ministry of Energy sought the approval of the Procurement Commission **(Annexure 40).**

(x) After considering the submissions, it was decided at the Bid Evaluation Committee (BEC) meeting held on 12 August 2025 that the remaining requirement of 1.5 million MMT (2.32 MMT – (615,000 MT + 225,000 MT) of coal (10 shipments) to be received under Procurement No. LCC/23/Prop/I

for the 2024 – 2025 period and additional coal stock of 225,000 MT (05 shipments) as per the 10% Plus option approved by the Secretary, Ministry of Energy on 18 July 2025 will be offloaded from mid-September 2025. Therefore, it was decided that only the remaining requirement of 1.5 million MMT (2.32 MMT – (615,000 MT + 225,000 MT) of coal will be procured through this long-term procurement **(Annexure 41).**

(xi) Meanwhile, for the request to reduce the number of days for submission of bids The Secretary to the Ministry of Energy was informed by letter No. NPC/PP/01/CD-31/2025 dated 14 August 2025 that the time for submission of bids could be reasonably and practically determined considering the emergency situation **(Annexure 42).**

(xii) The notice inviting quotations for the period from December 2025 to April 2026 was published on 18 August 2025 and it was stated that quotations would be invited from registered suppliers as per that notice **(Annexure 43).** It was further stated that the bid documents would be sent to the registered suppliers for reference via e-mail and that the relevant bid documents would be sent to the registered suppliers by courier by 20 August 2025.

(xiii) Accordingly, although, as per the invitation to bid on 18 August 2025, the closing date for bidding was 08 September 2025 before 10.00 a.m., considering the request of the bidders, SHLPC had taken steps to extend the bidding period by another week, or until 15 September 2025**. (Annexure 44)**

(xiv) The standard bid documents had been approved by the High-Level Standing Procurement Committee on 15 August 2025 and it had further been decided to seek advice from the Attorney General on sub-clause 3.19.1 (No Assignment) of the bid documents before the pre-bid meeting **(Annexure 45).**

(xv) Invitations to bid were issued on 18 August 2025 to 26 suppliers registered under the company for the supply of coal for the year 2025/2026, referring to the bid documents approved as aforesaid. Out of the 26 suppliers to whom the bid invitations were sent, 11 of the following bidders had responded and the bids of those bidders were accepted. The bids were opened by the Bid Opening Committee on 15 September 2025.

**Table No. 09 - Details of Responding Bidders**

| Sub No. | Supplier | Supplier's Country | Past experience in coal supply | Ports expected to supply coal | Date of registration of LCC (date of payment of 5000 USD) | Date applications were submitted to LCC | Prices submitted |
|---|---|---|---|---|---|---|---|
| 01 | Taranjot Resources (Pvt) Ltd | India | Over GCV 5900 - Not supplied<br>Under GCV 5900 - 1,115,900MT | MP- RBCT – SA AP –Taman - Russia | 2023 June 22 | 2023 May 08 | FOB - 88.00<br>Freight - 17.00<br>105.0 |
| 02 | Equentia Natural Resources PTE Ltd | Singapore | Over GCV 5900 -322,196MT<br>Under GCV 5900 - 405,750MT | MP- RBCT – SA AP –<br>Any safe port | 2023 September 26 | 2023 July 17 | FOB - 100.96<br>Freight - 14.00<br>114.96 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 03 | Trident Chemphar Lrd | India | Over GCV 5900 - 291,840MT Under GCV 5900 -596,305MT | MP- RBCT – SA AP –Vanino- Russia | 2025 August 22 | 2025 July 29 | FOB - 83.50 Freight -15.00 98.50 |
| 04 | Visa Resources PTE Ltd | Singapore | Not given | | 2023 July 13 | Bids were not submitted | |
| 05 | Aditya Birla Global Trading (sing) PTE Ltd | Singapore | Over GCV 5900 - 4,515,884 MT | MP- RBCT – SA AP –Any safe port South Aus & India | 2025 July 28 | Re-registration 28 April 2025 | FOB - 91.61 Freight - 13.00 104.61 |
| 06 | Mohit Minerals Limited | India | Over GCV 5900 - 117,000MT Under GCV 5900 - 1,093,000MT | MP- RBCT – SA AP –Vostochny - Russia | 2024 January 24 | 2023 July 18 | FOB - 101.00 Freight - 20.26 121.26 |
| 07 | A2A Trading FZE | Dubai | Over GCV 5900 - 206,407MT Under GCV 5900 300,203MT | MP- RBCT – SA AP –Maputo - Mozambic | 2025 August 15 | 2025 April 28 | FOB - 90.50 Freight - 14.00 104.50 |
| 08 | PT Fawad Trading & Construction | Indonesia | Over GCV 5900 – Not supplied Total Supply - 1,032,700MT | MP- Maura Berau – Indonesia AP –Any safe port | 2023 June 22 | 2023 June 06 | FOB - 96.88 Freight - 12.00 108.88 |
| 09 | PT Mitra Borneo | Indonesia | Over GCV 5900 - 110,600MT Under GCV 5900- 400,850MT | Not Mention | 2025 February10 | 2024 July 15 | FOB - 86.00 Freight - 22.00 108.00 |
| 10 | Potencia LLC - FZ | Dubai | Over GCV 5900 - 532,095MT | MP- Vanino Russia AP –Nokbodka - Russia | 2025 August 18 | 2025 July 29 | FOB - 76.00 Freight - 24.00 100.00 |
| 11 | Agrawal Coal Corporation PTE Ltd | Singapore | Over GCV 5900 - 211,642MT Under GCV 5900 - 231,302MT | MP- RBCT – SA AP –Any safe Indonesia DBT & MPT | 2025 January 28 | 2024 August 14 | FOB - 130.50 Freight - 22.00 152.50 |

(xvi) As per clause 5.4.1 of the procurement document, the Composite Index was calculated as USD 84.27 based on Argus Media for the month preceding the closing date of bidding in August, the month of September, and accordingly, the Multifaction Factor for Trident Chemphar Limited, which was identified as the substantive responder out of the 11 responding bidders above, was calculated as 0.990. Furthermore, a clarification of compliance was obtained from the substantive bidder "Trident Chemphar Limited" on 17 September 2025 in relation to clauses 5.7, 5.8 and 5.9 of the bidding document **(Annexure 46).**

(xvii) Accordingly, the Bid Evaluation Committee had recommended the selection of "Trident Chemphar Limited" for the supply of 1.5 million MMT±10% of coal for the period 2025 – 2026, as the lowest bidder who submitted a CFR of USD 98.50 per 1 metric ton of coal, and the recommendation was given by the Bid Evaluation Committee on 17 September 2025 **(Annexure 47)** and the High Level Standing Procurement Committee had approved the same on 18 September 2025**(Annexure 48).** Accordingly, the total cost of this procurement, excluding price adjustments and taxes, was USD 147,750,000±10% (Sri Lanka Rupees 44.59 billion).

(xviii) The Lanka Coal Company had informed the Secretary to the Ministry of Energy by letter No. LCC/25/TT/1 dated 08 October 2025 that the Lanka Shipping Corporation did not agree to match/adjust the basic freight rate of USD 15.00 per 1 metric ton submitted by Trident Chemphar Limited **(Annexure 49).**

(xix) All unsuccessful bidders had been informed of the intention to award this contract on 19 September 2025 and the Procurement Appeals Board had informed the Secretary to the Ministry of Energy by letter No. PS/CSA/00/PAB/01/2025 dated 01 October 2025 that no appeal had been filed in relation to this procurement **(Annexure 50)**. Accordingly, the Minister of Energy had submitted Cabinet Memorandum No. 25/1952/825/066-I dated 13 October 2025 recommending the award of the contract for the procurement of 1.5 million MMT±10% coal to Trident Chemphar Limited for the period 2025 -2026 **(Annexure 51).**

(xx) The Cabinet had considered the Cabinet Memorandum No. A.M.P./25/1952/825/066-I dated 13th October 2025, submitted by the Minister of Energy, on the subject of supply of coal to the Lakvithwa Power Plant, Norochcholai for the upcoming period. After considering the said memorandum along with the observations of the Minister of Finance and Economic Development and the Acting Minister of Civil Aviation, the Cabinet had made the following observations **(Annexure 52)**.

(a) Although, the Cabinet Decision No./25/1188/825/066 dated 21 July 2025 approved the invitation of bids from registered suppliers for the long-term procurement of 2.320 million MT +-10 for the power plant for the year 2025/2026, bids have been invited to purchase only 1.5 million MT +-10% of coal for that period;
(b) Fifteen more shipments are required to be made under the current procurement for the supply of coal and accordingly, without informing the Cabinet of Ministers specifically about the quantity of coal to be procured for the upcoming period, the said quantity has been decided later as 1.5 million MT +-10% with the approval of the Secretary to the Ministry of Energy;
(c) As mentioned in (ii) above, it should be examined whether the procurement of only 1.5+-10% of coal for the upcoming season may cause disruptions to the normal operation of the Norochcholai Coal Power Plant in the future and whether there may be a need to procure coal under emergency procurement procedures;
(d) The 15 shipments that are still to be made under the current procurement will be transported by the supplier within the approved travel plan period or if not, the memorandum does not specify whether the coal stocks will be procured before the end of November 2025 under a revised travel plan;
(e) Since the coal stocks are to be supplied within the period from December 2025 to May 2026 after the award of the coal procurement for the 2025/2026 season as recommended in the above memorandum dated 13 October 2025, if the coal stocks relating to the 15 existing shipments as mentioned in (IV) above are transported in December 2025 or thereafter, there may be problems with the unloading of the said coal stocks at the jetty of the Norochcholai Coal Plant; and
(f) It was decided that if the Cabinet decides to procure coal under the new procurement after procuring the remaining 15 shipments under the existing procurement as recommended in the above memorandum dated 13th October 2025, it would be appropriate to investigate whether

the Government will suffer any financial loss due to the changes in the prices of the said procurements.

(g) After the above discussion, it was decided to appoint a Cabinet Sub-Committee to further study the recommendations mentioned only under paragraph 3 of the memorandum dated 13th October 2025 and submit a report with observations in this regard to the next meeting of the Cabinet scheduled for 27 October 2025.

(xxi) However, Cabinet approval was received on 27th October 2025 for awarding the contract for the procurement of 1.5 million MMT±10% coal to Trident Chemphar Limited for the period 2025 - 2026 **(Annexure 53).** The Rs. 22 billion letter of credit facility provided by the Treasury to LCC to facilitate the import of coal for the period 2025 - 2026 was extended up to 22 October 2026 by Treasury Guarantee No. TO/REV/TG/335/12 dated 31 October 2025.

(xxii) Based on the approval of the relevant Cabinet of Ministers, the contract was awarded to the Supplier by the letter of the Acting Chairman of the Ceylon Coal Company dated 29 October 2025 (Notification of Award – Letter of Acceptance) **(Annexure 54)** and the Supplier had submitted the Performance Bond obtained on 25 November 2025 to the Company on 12 November 2025.

(xxiii) The draft coal agreement and the relevant bid documents, prior to entering into the contract with the supplier who was awarded this long-term procurement bearing LCC/25/TT/I, were forwarded to the Attorney General for legal review and approval by letter No. LCC/25/TT/1 dated 13 November 2025**(Annexure 55)**.

(xxiv) In accordance with the decisions of the Cabinet meeting held on 17 November 2025 (25 November 2025), the report of the Cabinet Sub-Committee appointed by the Cabinet on 21 October 2025 was issued on 01 November 2025 (Annexure 58) and the report further directed that a revised report be submitted within two weeks, taking into account the Cabinet decisions dated 27 October 2025 **(Annexure 56).**

(xxv) Accordingly, the agreement for the supply of 1.5 million MMT±10% of coal for the period 2025 – 2026 was signed by the Secretary to the Ministry of Energy and the Director of Trident Chemphar Limited on 19 November 2025 and the approval of the Attorney General was received on 20 November 2025 **(Annexure 57).** Meanwhile, the revised Committee Report referred to in paragraph xxiv above was issued on 26 January 2026.

(xxvi) However, a special three-member committee was appointed by the Secretary to the Ministry of Energy on 12 January 2026 **(Annexure 58)** to investigate the issue of non-compliance with the quality of coal supply in relation to this procurement and the relevant report was submitted to the Secretary to the Ministry of Energy on 11 February 2026 **(Annexure 59).**

(xxvii) The dates for the above procurement process for the purchase of coal for the period 2025/2026 are shown below.

**Table No. 10 Dates on which each task of the procurement process was carried out**

| Sub-No. | Procurement Action | Date carried out |
|---|---|---|
| 01 | Request to the Secretary of the Ministry for the Appointment of Committees | 08 April 2025 |
| 02 | Notification of Coal Requirement of 2.32 MMTby C.E.B. for the period 2024/2025 | 09 June 2025 |
| 03 | Appointment of Committees (BEC /SHLPC) | 02 June 2025 |
| 04 | Commencement of Bid Calling/Issuance of Bid Invitations | 18 August 2025 |
| 05 | Closing of Bid Calling | 08 September 2025 |
| 06 | Extension of Bid Closing Date | 15 September 2025 |
| 07 | Opening and Evaluation of Bids | 15 September 2025 (After Extension of One Week) |
| 08 | Award of Contract | 29 October 2025 |
| 09 | Obtaining Attorney General's Clearance | 20 November 2025 |
| 10 | Signing of Contract | 19 November 2025 |

**5.4.3.2.3 Schedule of coal ships arriving in Sri Lanka during the years 2025 / 2026 (Laycan)**

The planned coal procurement for the period 2024/2025, 2025/2026 and the actual dates of coal ships arriving in Sri Lanka as of 11 March 2026 are shown in the table below.

**Table No. 11 Planned dates for the purchase of coal for Sri Lanka for the period 2025/2026**

| Ship No. | Ship | Expected arrival date | Arrival date | Date of arrival at Puttalam anchorage | Difference | Date of completion of landing |
|---|---|---|---|---|---|---|
| 445 | Porto Fiscardo | 2025.09.15 | -- | 2025.09.21 | 6 | 2025.09.29 |
| 446 | Bulk Orianna | 2025.09.20 | -- | 2025.09.26 | 6 | 2025.10.04 |
| 447 | Ivy Gold | 2025.09.26 | -- | 2025.10.08 | 12 | 2025.10.17 |
| 448 | Fuhang | 2025.10.02 | -- | 2025.10.15 | 13 | 2025.10.22 |
| 449 | Hua Rong 26 | 2025.10.08 | -- | 2025.10.25 | 17 | 2025.10.30 |
| 450 | Queen Win | 2025.10.14 | -- | 2025.10.28 | 14 | 2025.11.07 |
| 451 | Tiger Hebei | 2025.10.20 | -- | 2025.11.01 | 12 | 2025.11.13 |
| 452 | Rimau Perkasa | 2025.10.26 | 2025.11.03 | 2025.11.07 | 12 | 2025.11.18 |
| 453 | Dato Lucky | 2025.11.01 | 2025.11.13 | 2025.11.15 | 14 | 2025.11.23 |
| 454 | G Putuo | 2025.11.07 | 2025.11.13 | 2025.11.13 | 6 | 2025.12.03 |
| 455 | Tiger Pioneer | 2025.11.13 | 2025.11.22 | 2025.11.24 | 11 | 2025.12.08 |
| | | 2025.11.19 | 04 Shipments Suspended | | | |
| | | 2025.11.25 | | | | |
| | | 2025.12.01 | | | | |
| | | 2025.12.07 | | | | |
| 456 | Ceylon Breeze | 2025.12.23 | 2025.12.30 | 2025.12.30 | 7 | 2026.01.04 |
| 457 | NS Guangzhou | 2025.12.28 | 2026.01.05 | 2026.01.05 | 8 | 2026.01.09 |
| 458 | Xin Hong Bao Shi | 2026.01.02 | 2026.01.16 | 2026.01.19 | 17 | 2026.01.29 |
| 459 | Ceylon Princess | 2026.01.07 | 2026.01.20 | 2026.01.20 | 13 | 2026.01.31 |
| 460 | Unicorn | 2026.01.12 | 2026.01.25 | 2026.01.30 | 18 | 2026.02.03 |
| 461 | Leyla Aksoy | 2026.01.17 | 2026.01.29 | 2026.02.02 | 16 | 2026.02.08 |
| 462 | Canon | 2026.01.22 | 2026.02.05 | 2026.02.08 | 17 | 2026.02.14 |
| 463 | NS Guangzhou | 2026.01.27 | 2026.02.09 | 2026.02.13 | 17 | 2026.02.17 |
| 464 | Ceylon Breeze | 2026.02.01 | 2026.02.13 | 2026.02.17 | 16 | 2026.02.24 |
| 465 | Mercury Sky | 2026.02.06 | 2026.02.16 | 2026.02.23 | 17 | 2026.03.01 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 466 | Yasa Mars | 2026.02.11 | 2026.03.01 | 2026.03.03 | 20 | 2026.03.08 |
| 467 | Ultra Confidences | 2026.02.16 | 2026.03.09 | 2026.03.11 | 23 | 2026.03.15 |

**5.4.3.2.4 Emergency coal procurement for the Norochcholai Lakvijaya Power Plant for the 2026 season**

**5.4.3.2.4.1** In this regard, the Cabinet Memorandum No. Amap/26/0172/825/011 (Annexure 60) submitted by the Minister of Energy on 23 January 2026 entitled Emergency Coal Procurement to the Lakvijaya Power Plant, Norochcholai for the 2025-2026 Season **(Annexure 60)** had stated that if the current supplier fails to fulfill its obligations under the Coal Supply Contract, there is a possibility of a shortage of coal that could hamper the continuous operation of the power plant, and that three shipments have already been unloaded and five more shipments have been approved.

Accordingly, it was informed that eight shipments (approximately 474,715 MT) were to be shipped and that the Coal Supply Agreement provided for the cancellation/termination of the contract in the event of default or failure of the supplier to fulfill its contractual obligations. Consequently, in order to avoid any situation that may arise due to the supplier's unsuccessful performance, it was stated that it would be appropriate to procure 5 shipments of coal (300,000 MT ± 10%) through emergency procurement to at least partially overcome the above shortage as requested by the General Manager of the Lanka Coal Company.

Accordingly, approval was sought for the following matters in the said memorandum.

(a) Inviting bids from registered coal suppliers under the Lanka Coal Company Limited for the procurement of 300,000 ± 10% Mt of coal in 05 shipments through emergency procurement, following Section 3.1.8 of the Procurement Guidelines - 2024, with a bidding period limited to one (01) week.

(b) That the Bid Evaluation Committee and the High-Level Standing Procurement Committee appointed for the long-term procurement of coal supply to the Lakvijaya Power Plant for the 2025/2026 season be authorized to proceed with this emergency procurement.

This memorandum was approved by the Cabinet on 26 January 2026, subject to the concurrence of the National Procurement Commission **(Annexure 61).**

**5.4.3.2.4.2** As per the Cabinet Memorandum **(Annexure 62)** No. 26/0521/825/011-I submitted by the Minister of Energy on 16 March 2026 for the Emergency Procurement of Coal for the Norochcholai Lakvijaya Power Plant for the 2025–2026 Season (In case the existing procurement mechanism fails), 06 suppliers had responded for the above-mentioned urgent procurement and out of them, it was recommended to purchase 300,000±10% MT from Taranjot Resources (Pvt) Ltd for the period April 2026 to May 2026 at US$ 142 (CFR) per MT (here FOB price is US$ 118). Accordingly, approval for the purchase of the said metric

quantity from this supplier was given on the same day of submission of this memorandum, i.e. 16 March 2026 **(Annexure 63).** Accordingly, this procurement was awarded to Taranjot Resources (Pvt) Ltd on 18 March 2026 **(Annexure 64).**

## 5.5 Analysis of the quality of coal stocks purchased by Lanka Coal Company during the period 2025/2026 for Norochcholai Power Plant

### 5.5.1 Introduction to the quality testing of coal stocks imported into Sri Lanka

#### 5.5.1.1 Sampling and testing methodology

In accordance with the standards of the American Society for Testing and Materials Standards (ASTM), each coal shipment imported into Sri Lanka is subjected to sample testing at the port of loading and at the plant jetty.

##### 5.5.1.1.1 Sample Testing at the Port of Loading

(i) In accordance with clause 3.5.1 of the Procurement Agreement **(Annexure 65),** the sample testing at the port of loading shall be carried out by an accredited and internationally recognized independent inspector appointed by the Seller acceptable to the Buyer and the analysis shall be accredited by the Sri Lankan Mission in the country of coal supply or the Chamber of Commerce of the country of coal supply.

(ii) Accordingly, the coal sample taken at the port of loading shall be divided into two parts, one part of which shall be used for sample analysis by the independent inspector and the second part shall be kept in a suitable airtight container, properly labeled and sealed, and shall be retained by the independent inspector at the port of loading for a period not less than ninety days from the date of shipment of each vessel.

(iii) The Buyer may appoint another independent inspector acceptable to the Seller and shall be permitted to supervise the sampling at the port of loading. The Buyer shall be permitted to supervise the sampling and analysis process at the port of loading on a random basis approximately once every five shipments under the Agreement and the Seller shall facilitate the above process. Furthermore, whenever necessary on a random basis, a second sample shall be examined by an approved independent surveyor appointed by the Buyer at the port of loading and the Seller shall facilitate this process.

(iv) The Seller shall provide the Buyer with the Certificate of Analysis obtained from the Independent Inspector via electronic transmission within five working days after the date of shipment. In the event that the vessel arrives at the port of loading before the Certificate of Analysis is received at the port of discharge, unloading will not be permitted and the Seller shall be responsible for all costs incurred due to delay in such event.

#### 5.5.1.1.2 Sampling at the Port of Discharge

(i) Similar to the sampling at the port of loading, the coal stock shall be subjected to a sampling test at the plant jetty at the time of unloading. The analysis of these samples shall also be carried out by an accredited and internationally recognized independent inspector acceptable to the Seller, appointed by the Buyer, in accordance with the ASTM standards referred to above. The Seller may appoint another independent inspector acceptable to the Buyer, who shall be permitted to supervise the sampling at the plant jetty. Two authorized representatives of the Seller shall be permitted to supervise the sampling and analysis process at the plant jetty at random, and the Buyer shall facilitate the above process.

(ii) The coal sample taken from the jetty of the power plant shall also be divided into two parts as at the port of loading, one part shall be used for analysis by the appointed independent inspector. The remaining part shall be retained by the appointed independent inspector as a Reference Sample. The second sample shall be kept in a suitable airtight container, duly labelled and sealed, under the joint lock and joint custody of both the Buyer and the Seller, and shall be kept by the independent inspector at the port of unloading for a period not less than ninety days from the date of completion of the unloading of coal from each vessel.

(iii) The Buyer shall provide the Independent Inspector with the draft survey, sampling and analysis certificates at the port of unloading, by the Independent Inspector, to the Seller by electronic transmission within four working days after receipt of such certificates from the Independent Inspector. The Independent Inspector is obliged to issue certificates at the port of landing within 10 days from the date of completion of the coal unloading of each vessel.

#### 5.5.1.1.3 Sample testing at the Lakvijaya Power Plant Laboratory

In addition to the above sample testing, samples obtained from the Independent Inspector at the port of landing are also tested at the Lakvijaya Power Plant Laboratory as a practice, although not specified in the agreement.

It was revealed that this laboratory carries out a number of tests in 31 main categories (with sub-categories included under ICP MS and Proximate Analysis) and these tests cover the following areas **(Annexure 66).**

- Steam / Boiler Water Chemistry (Sodium, Phosphate, Silica, Total Hardness, Iron, Copper)
- Cooling Water and Environmental Monitoring (Temperature, Dissolved Oxygen, Total Dissolved Solids, Heavy Metals in Well Water and Coal)
- Coal Quality and Combustion (Calorific Value, Proximate Analysis, Sulfur, Coal Fineness, LOI and Impurities in Fly Ash)
- Lubricant Quality (Viscosity, Moisture, Acid Value, Water Dissociation Properties, Flash Point, NAS Cleanliness)
- Chemical Strength Verification (PAC, NaOH, HCl, etc.)
- Low Salinity / Ultrafiltration (UF) System Performance

Out of the above 31 major categories of tests, 03 tests related to coal unloading are conducted and the primary objective of these tests is to determine the institutional level It was revealed that it was used for the extraction process. Details are shown in the table below.

**Table No. 12 Tests conducted by the Lakvijaya Power Plant Laboratory**

| Test | Frequency | Notes |
|---|---|---|
| Calorific value | Once per ship | The calorific value of coal affects the stability of combustion and the economy of boiler operation. Coal with a high calorific value improves the economy of the power plant. |
| Proximate analysis of coal (moisture, volatile matter, fixed carbon content and ash content) | Once per ship | This test is used to assess the combustion efficiency, handling characteristics, and overall suitability of coal. |
| Sulfur analysis | Once per ship | It directly affects both power plant performance and environmental safety. |

#### 5.5.1.1.4 The Control Unit at the Lakvijaya Power Plant

The Control Unit supervises the operations of the 03 units of the power plant and the operating officers maintain log books by making separate notes on the operations of each unit in relation to the 03 units.

### 5.5.2 Capacity of Lakvijaya Power Plant

**5.5.2.1** The power plant has 03 units and the maximum electricity capacity that can be generated by each unit at a time is 300 megawatts. The average cost of a unit of electricity generated by this power plant is about Rs. 29.96. Based on an average value of 375 grams of coal required to generate one kilowatt hour of electricity (considering coal cargoes from 407 to 455**) (Annexure 67),** it was identified that an average value of 112.5 metric tons of coal per hour is consumed to generate electricity from one unit of the power plant with a capacity of 300 megawatts.

**5.5.2.2** Furthermore, there are 05 coal grinding units (Mills) for one unit of the power plant, out of which only 04 grinding units were being used for operations. The original manufacturer of the power plant had recommended a design output of 31.5 metric tons of coal per hour for each grinding unit. Accordingly, the total coal output (consumption) per hour for all 04 grinding units is 126 metric tons (31.5 x 4) **(Annexure 68).** According to the relevant circumstances, it was revealed from the inquiries made to the operating officers of the main control unit of the power plant and from the log books maintained by the operating officers of the main control unit of the power plant for each unit that the total coal output per hour is maintained at 116 metric tons or less **(Annexure 69)**. The power plant had informed the audit that the following factors have led to the total coal output per hour being maintained at 116 metric tons or less **(Annexure 70).**

Although the design coal feeding capacity of a unit is 126 metric tons per hour (31.5 x 4), the actual coal feed rate observed during operations may sometimes be maintained at around 115–116 metric tons per hour. This is mainly due to the behavior of the automatic control system and several operational safety considerations required for reliable plant operation.

**(a) Automatic Control of Coal Feed Rate**

Under normal operating conditions, the coal feed rate of the generating unit is automatically controlled by the Distributed Control System (DCS). The system receives the reuuired generation target (load set point) from the System Control Centre and automatically adjusts the coal flow to match the reuuired electricity output.

This control is performed using a PID (Proportional–Integral–Derivative) controller, which continuously adjusts the coal feed rate to maintain stable boiler combustion and unit load. As part of this automatic control process, the coal feed rate does not remain constant at a single value but continuously fluctuates within a small operating band. This coal rate is decided by the load and the energy content of the coal. If the 116 t/h rate can generate the reuuired load then it's not reuuired to increase the feeder rate to a maximum.

Therefore, when calculating the average coal consumption over a period of time, the value may appear slightly lower than the maximum feeding rate. This variation is a normal characteristic of automatic process control systems.

**(b) High Pyrite Content in Coal**

Coal sometimes contains hard mineral particles that cannot be ground by the mill. These particles are commonly referred to as pyrites. The coal mill has a special mechanism to separate and discharge these materials through a reject system into a pyrite hopper, from where operators periodically remove them.

If the coal contains an unusually high amount of pyrite or similar impurities, the reject system may not be able to discharge them at the same rate they are generated. This may lead to accumulation inside the mill, which can cause mill blockage, overheating, or fire risk. Under such conditions, the coal feed rate has been reduced to maintain safe operation.

**(c) Primary Air Flow Limitations**

Coal mills reuuire sufficient primary air to dry the coal and transport the pulverized coal to the boiler burners. This air passes through the Air Preheater (APH) before reaching the mills. If the air preheater becomes partially blocked or air leaked, the reuuired air flow cannot be supplied to the mills.

Such blockages may occur gradually when the coal contains high ash content above the design specification, causing ash deposits within the air preheater. When the available air flow is reduced, the mills cannot operate safely at their full rated capacity, and therefore the coal feed rate has been reduced.

**(d) Coal Quality Variations**

Coal supplied to the power plant may vary in properties such as ash content, moisture level, and mineral composition. For this reason, coal mills are always loaded gradually while closely monitoring key operating parameters such as mill current, temperature, and pyrite discharge.

If these parameters indicate abnormal conditions, such as high mill current (indicating overload) or excessive reject discharge, the coal feed rate cannot be increased further. In such cases, the coal rate has been maintained at a lower level to ensure safe and stable mill operation.

**(e) Wet Coal Conditions**

If coal contains high moisture or becomes wet during storage or handling, it may stick to the internal surfaces of the mill. This can reduce grinding efficiency and lead to accumulation of material inside the mill. To avoid mill choking or unstable operation, the coal feed rate must has been reduced.

**(f) Increase in Mill Differential Pressure**

The differential pressure across the grinding section of the mill indicates how effectively the pulverized coal is being transported to the boiler. If this pressure increases significantly, it indicates that coal particles are accumulating inside the mill due to excessive feeding. To prevent mill clogging and possible operational trips, the coal feed rate has been reduced.

**(g) Recent Example of an Operational Event**

On 05 March, Unit 03 was initially operating with coal flow rates of approximately 29–30 t/h per mill. During this operation, a fire occurred in the pyrite hopper of Mill E, and Mill B and Mill D experienced clogging. The investigation indicated that the issue was caused by excessive pyrite discharge associated with the coal.

To ensure safe operation and prevent further incidents, the coal feed rate had to be reduced to approximately 26 t/h per mill. In addition, oil burners were temporarily used to maintain stable combustion until the affected mills were cleaned and restored to normal operating condition. Therefore, avoiding such conditions are important than maintain coal rate at maximum level.

### 5.5.3 Standards established for specifications in the use of coal for the Lakvijaya Power Plant

**5.5.3.1** The specifications of the coal had been determined by the Original Equipment Manufacturer of the power plant **(Annexure 71)** and at the time of import of coal by the Lanka Coal Company, it was stated in the bid documents currently in use that the specifications related to the coal should consist of the following standards. Furthermore, the buyer has the right to reject the limits established for the parameters as mentioned above within the following limits, as communicated to the seller by the company in clause 3.4.3 (a**) (Annexure 72)** of the agreement and the following standards to be maintained are further communicated to the seller in clause 5.1 of the agreement **(Annexure 73).**

**Table No. 13 - Standards to be maintained for coal imported by the Lanka Coal Company and levels to be rejected**

| Parameter | Unit of Measure | As a basis for | Rejected Level |
|---|---|---|---|
| Gross Calorific Value | kcal/kg | 6,150 | Less than 5,900 |
| Total Moisture | % wt | 12.0 or less | More than 16% by weight |
| Volatile Matter | % wt | 31 | Less than 22%, More than 39.9% |
| Fixed Carbon | % wt | 49.5 | |
| Sulphur | % wt | 0.5 or less | More than 1% by weight |
| Ash | % wt | 11.0 or less | More than 16% by weight |
| Hargrove Grindability Index (HGI) | ○ H | 50 | Less than 40, More than 59 |
| Grain Size More than 50 mm | % wt | 3.0 or less | More than 5% by weight |
| Grain Size Less than 02 mm | % wt | 22.5 or less | More than 30% by weight |
| **ASH FUSION) ( $C^0$)** | | | |
| Initial Deformation Temperature (IDT) | $C^0$ | 1,250 | Less than 1,150 $C^0$ |
| Liquid Temperature (FT) C0 | $C^0$ | 1,325 | Less than 1,250 $C^0$ |

### 5.5.3.2 Actions to be taken if imported coal stocks do not comply with specified standards

#### 5.5.3.2.1 When non-compliance with the standard is detected at the loading port

Clause 3.5.2 of the Agreement states that the Certificate of Analysis at the port of loading must be submitted to the Buyer within 72 hours of the Seller's receipt of the Certificate of Analysis **(Annexure 74).** Further, if a consignment of coal falls within the parameters listed in the above rejection values, the Company may reject the purchase of such coal. In such case, the Seller shall immediately recall such consignment of coal at the Seller's expense and the Seller shall provide an

alternative supply of coal of the quality as per the agreement as per clause 3.4.3 (a) of the agreement.

**5.5.3.2.2 When non-compliance with the standard is detected at the discharging port**

After receiving the discharge port analysis certificate provided by the independent inspector at the discharging port, if the coal falls within the rejection values as per the parameters listed in the coal rejection values, the coal company shall make the relevant adjustments as per the contractual clauses to deviate from the LCC standard value for the coal.

**5.5.3.2.3 Method of recovery of penalty from the supplier when imported coal does not meet the prescribed standard**

This penalty is collected in two cases as follows.

(a) Penalty when the specifications of the extracted coal do not meet the LCC standard values but the coal is not within the LCC's coal rejection values**. (Annexure 75)**

(b) Penalty when the specifications of the extracted coal are within the LCC's coal rejection values. **(Annexure 76)**

A detailed explanation of these two cases is given below.

**Table No.: 14 Penalties are imposed when the specifications of the coal being unloaded do not meet the LCC standard values but the coal does not fall within the LCC's rejection values.**

| Specification | Unit of measurement | Standard value | Actual value | Penalty |
|---|---|---|---|---|
| Gross calorific value | kcal/ kg | 6150 | >=5900 | [ (FOB)f x 1.25 ] x [(LCC Standard value - Actual Value) / LCC Standard value] |
| Sulfur content | % wt | 0.5 or less | <=1 | [(FOB)f x 0.4%] x [(Actual value % - LCC Standard value%) / 0.1%] |
| Ash content | % wt | 11.0 or less | <=16 | [(FOB)f x 0.8%] x [(Actual value % - LCC Standard value%) / 1%] |
| Moisture content | % wt | 12.0 or less | <=16 | [(FOB)f x 2%] x [(Actual value % - LCC Standard value%) / 1%] |
| Excess water content in cargo holds at port of discharge | MT | 0 | Excess water | [ Excess water found in MT x (CFR)f price per MT] x 4 |

| | | | | |
|---|---|---|---|---|
| Grain size over 50 mm | % wt | 3.0 or less | <=5 | [(FOB)f x 0.05%] x [(Actual value % - LCC Standard value%) / 1%] |
| Grain size under 02 mm | % wt | 22.5 or less | <=30 | [(FOB)f x 0.01%] x [(Actual value % - LCC Standard value%) / 1%] |
| Volatile matter | % wt | 31 | <25 | [(FOB)f x 0.4%] x [(25 % - Actual value %) / 1%] |
| Volatile matter | % wt | 31 | >35 | [(FOB)f x 1%] x [(Actual value % - 35%) / 1%] |

The LCC calculates the penalties as per the above table for the variations in the relevant specifications up to the coal rejection values and adds the penalties calculated as per the following table for the variations in the relevant specifications falling within the coal rejection values to the said penalty amount.

**Table No.: 15 Imposition of penalties when the specifications of the excavated coal fall within the coal rejection values of the LCC**

| Specification | Measurement | Reject Value | Actual Value | Penalty |
|---|---|---|---|---|
| Gross Calorific Value | kcal / kg | 5900 | <5900 | {[(CFR)f x 1.25] x [(LCC Reject value - Actual Value) / LCC Standard value]} x 2 |
| Sulfur Content | % wt | 1 | <1 | {[(CFR)f x 0.4%] x [(Actual value % - LCC Reject value%) / 0.1%]} x 4 |
| Ash Content | % wt | 16.0 | <16 | {[(CFR)f x 0.8%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| Moisture Content | % wt | 16.0 | <16 | {[(CFR)f x 2%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| Grain Size Over 50mm | % wt | 5.0 | <5 | {[(CFR)f x 0.05%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| Grain size less than 02 mm | % wt | 30 | >30 | {[(CFR)f x 0.01%] x [(Actual value % - LCC Reject value%) / 1%]} x 2 |
| Volatile matter | % wt | 22 | <22 | {[(CFR)f x 0.4%] x [(Reject value % - Actual value %) / 1%]} x 2 |

| | | | | |
|---|---|---|---|---|
| Volatile matter | % wt | 39.9 | >39.9 | {[(CFR)f x 1%] x [(Actual value % - Reject value %) / 1%]} x 2 |
| Hargrove Grindability Index (HGI) | o H | 59 | >59 | {0.05 x (Actual Value - LCC Reject Value)} |
| Hardgroove Grindability Index (HGI) | o H | 40 | <40 | {0.05 x (LCC Reject Value - Actual Value)} |
| Ash Fusion Temperature<br>(a)Initial Deformation Temperature (IDT) | $C^0$ | 1,150 | <1150 | {0.1 x (LCC Reject Value - Actual Value)} |
| (b)Liquidity Temperature (FT) | $C^0$ | 1,250 | <1250 | {0.1 x (LCC Reject Value - Actual Value)} |

### 5.5.4 Analysis of the quality of coal stocks imported into Sri Lanka from 2020 (from 262nd shipment) - 2026 (up to 455th shipment)

5.5.4.1. The quality of coal stocks as per the inspection reports submitted by the independent inspector of the Landing Port (as an inspector selected by the Lanka Coal Company) in respect of 194 coal stocks imported from the 2020 – 2021 coal season (from 262nd shipment) to the 2025 -2026 coal season (up to 455th shipment) is shown in the table below **(Annexure 77).**

**Table No:16 Analysis of the quality of coal stocks imported into Sri Lanka 2020 - 2026**

| Parameter | Unit of Measurement | Standard Value (As received basis) | Rejected Value | Actual Values of imported cargo in 194 | |
|---|---|---|---|---|---|
| Gross Calorific Value | kcal/kg | 6,150 | Less than 5,900 | 6410-6472 | 9 |
| | | | | 6310-6392 | 32 |
| | | | | 6205-6295 | 41 |
| | | | | 6151-6198 | 57 |
| | | | | 6104-6148 | 37 |
| | | | | 6054-6098 | 13 |
| | | | | 6002-6036 | 5 |
| | | | | **Total** | **194** |
| Total moisture | % wt | 12.0 or less | More than 16 | 12.0 Less | 194 |

| | | | | | |
|---|---|---|---|---|---|
| Volatile Matter | % wt | 31 | Less than 22, more than 39.9 | 25.05 - 34.85 | 181 |
| | | | | 22 more 25 less | 13 |
| | | | | **Total** | **194** |
| Sulfur content | % wt | 0.5 or less | more than 1 | 0.5 less | 139 |
| | | | | 0.5 | 19 |
| | | | | 0.51-0.71 | 36 |
| | | | | **Total** | **194** |
| Ash content | % wt | 11.0 or less | More than 16 | 11.0 less | 101 |
| | | | | 11.11 - 15.97 | 93 |
| | | | | **Total** | **194** |
| Hargrove Grindability Index (HGI) | o H | 50 | Less than 40, more than 59 | 49-58 | 194 |
| Grain Size Over 50mm | % wt | 3.0 or less | More than 5 | 0.05-2.84 | 194 |
| Grain size less than 02 mm | % wt | 22.5 or less | More than 30 | 17.38-22.50 | 182 |
| | | | | 22.58-26.57 | 12 |
| | | | | **Total** | **194** |
| Ash Fusion Temperature-Initial Deformation Temperature (IDT) | $C^0$ | 1250 | Less than 1,150 | 1210-1500 | 194 |
| Ash Fusion Temperature-Liquidity Temperature (FT) | $C^0$ | 1325 | Less than 1,250 | 1290-1500 | 194 |

According to the above table, the gross calorific value of the coal imported from the 2020 - 2021 coal season (from the 262nd shipment) to the 2025 -2026 coal season (up to the 455th shipment) exceeded the standard of 6,150 kcal / kg required for this power plant, 72 percent exceeded the relevant standard and the remaining 28 percent was not included in the rejected values. Furthermore, when considering the ash content, 52 percent exceeded the standard and 48 percent was not included in the rejected values. Moreover, the above table also shows the conditions under which other parameters existed, and price adjustments were made for several parameters that were not included in the rejected values but were not within the standard values.

#### 5.5.4.1.1 Performance of Unit No. 01 of the Power Plant on Coal Stocks Used During the Period 2020 – 2025

(i) During the period of 06 years or 2,198 days from 2020 to 2025, Unit No. 01 was operated for 1,730 days to generate electricity and the average amount/rate of coal consumed in generating electricity during those 1,730 days was identified as 379 grams of coal per kilowatt hour. In comparison with this average coal consumption rate, the cases where the daily coal consumption rate had increased significantly above that rate are shown below. **(Annexure 78)**

**Table No. : 17 Performance of the power plant based on the coal stocks used by Unit No. 01**

| Daily Average capacity | Number of days of electricity generation under different daily average coal consumption rates (grams) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | < 379 | 379 - 390 | 390 - 400 | 400 - 410 | 410 - 420 | 420 - 430 | >430 | Total no. of days |
| 300>250 | 855 | 426 | 68 | 21 | 8 | 5 | 1 | 1384 |
| 250>200 | 32 | 68 | 100 | 50 | 15 | 3 | 3 | 271 |
| 200>150 | 2 | 6 | 12 | 8 | 3 | 3 | 0 | 34 |
| 150>100 | 3 | 4 | 3 | 1 | 0 | 0 | 0 | 11 |
| 100>50 | 6 | 1 | 1 | 2 | 1 | 1 | 0 | 12 |
| 50>0 | 10 | 0 | 2 | 1 | 0 | 0 | 5 | 18 |
| **Total number of days** | **908** | **505** | **186** | **83** | **27** | **12** | **9** | **1730** |

(ii) During the above period of 1,730 days, diesel was consumed on certain days for starting the unit or for other activities and the behavior of the daily coal consumption rate on the days when diesel was consumed is shown in the table below**.**

**Table No.: 18 Behavior of daily coal consumption rate on diesel consumption days**

| Daily Average capacity | Number of days of electricity generated under various daily average coal consumption ratios (grams) in diesel-fired power plants | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Diesel M. T | < 379 | 379 - 390 | 390 - 400 | 400 - 410 | 410 - 420 | 420 – 430 | >430 | Total no. of days |
| 300>250 | 0.02-23.02 | 72 | 42 | 7 | 0 | 0 | 3 | 1 | 125 |
| 250>200 | 0.03-92.33 | 9 | 10 | 9 | 8 | 3 | 0 | 1 | 40 |
| 200>150 | 0.17-61.30 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 7 |
| 150>100 | 0.31-148.82 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 8 |
| 100>50 | 1.01-195.14 | 6 | 1 | 1 | 2 | 1 | 1 | 0 | 12 |
| 50>0 | 0.98-183.67 | 10 | 0 | 2 | 1 | 0 | 0 | 5 | 18 |
| Total no. of days | | **100** | **58** | **26** | **11** | **4** | **4** | **7** | **210** |

(iii) In order to check whether the daily coal consumption rate had increased compared to the normal coal consumption rate as per the above two tables at Lakvijaya Power Plant, the log books maintained by the Operations Officers of the Main Control Unit of the Power Plant of Unit No. 01 for that period were examined to ascertain whether the quality of the imported coal stocks had decreased during that period and whether the unit had not been able to operate at its 300 MW capacity due to a decrease in the quality of the coal. According to the said log books, no entry could be identified indicating that the quality of the imported coal stocks had decreased during the relevant period and/or that the unit had not been able to operate at its 300 MW capacity due to a decrease in the quality of the coal.

(iv) In order to check whether the daily coal consumption rate was higher than the normal coal consumption rate during that period due to a decrease in the quality of the coal stocks imported and whether the unit could not be operated at its full capacity of 300 MW due to a decrease in the quality of the coal, the power system reports prepared daily by the System Control Division of the Transmission Division for the year 2025 were examined. The reports show the capacity of each unit of the power plant during the night peak hours (after deducting auxiliary power consumption), i.e., about 270 MW, and the relevant notes. Accordingly, in relation to Unit No. 01, out of the 106 occasions/days in 2025 when the daily coal consumption rate was higher than the average coal consumption rate, it operated at full capacity or above, i.e. 270 MW or above, during the night peak hours for 48 days, 29 days with a capacity between 267-269 MW, 15 days with a capacity between 264-266 MW, 05 days with a capacity between 263-260 MW, and 06 days with a capacity between 207-256 MW. Also, the unit was not operational during the night peak period of 03 days. Out of these cases, only on one occasion, i.e. on 03 November 2025, during the night peak period, a note was placed stating that only 260 MW was operational due to a coal quality issue, while no note was observed for the other cases stating that a coal quality issue was the cause. **(Annexure 78 a)**

#### 5.5.4.1.2 Performance of Unit 02 of the Power Plant on Coal Stocks Used During the Period 2020 – 2025

(i) During the period of 06 years or 2,198 days from 2020 to 2025, Unit 02 was operated for 1,798 days to generate electricity and the average amount/rate of coal consumed in generating electricity during those 1,798 days was 368 grams of coal per kilowatt hour. The cases where the daily coal consumption rate was higher than the average coal consumption rate are shown in the table below. **(Annexure 79)**

**Table No.: 19 The performance of the power plant's Unit 02 over the period 2020 – 2025 on the coal stocks used**

| Daily Average capacity | Number of days of electricity generated under various daily average coal consumption ratios (grams) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | < 368 | 368-380 | 380- 390 | 390 - 400 | 400 - 410 | 410 – 420 | 420 - 430 | >430 | Total no. of days |
| 300>250 | 906 | 589 | 68 | 10 | 2 | 0 | 1 | 0 | 1576 |
| 250>200 | 26 | 46 | 58 | 14 | 0 | 1 | 0 | 0 | 145 |
| 200>150 | 2 | 8 | 24 | 10 | 4 | 0 | 0 | 1 | 49 |
| 150>100 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 7 |
| 100>50 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| 50>0 | 13 | 1 | | | 0 | 0 | 0 | 1 | 15 |
| Total no. of days | **952** | **648** | **152** | **36** | **6** | **1** | **1** | **2** | **1798** |

(ii) During the above period of 1,798 days, diesel was consumed on certain days to start the unit or for other activities and the behavior of the daily coal consumption rate on the days when diesel was consumed is shown in the table below.

**Table No.: 20 Behavior of daily coal consumption rate on diesel consumption days**

| Average Daily Capacity | Number of days of electricity generation under different daily average coal consumption rates (grams) on days when diesel was used | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Diesel M. T | < 368 | 368 - 380 | 380 - 390 | 390 - 400 | 400 - 410 | 410 - 420 | 420 - 430 | >430 | Total No. of Days |
| 300>250 | 0.01-21.10 | 95 | 50 | 3 | 2 | 0 | 0 | 0 | 0 | 150 |
| 250>200 | 0.02-61.10 | 5 | 8 | 7 | 2 | 0 | 0 | 0 | 0 | 22 |
| 200>150 | 0.02-57.55 | 0 | 2 | 3 | 2 | 1 | 0 | 0 | 0 | 8 |
| 150>100 | 13.10-115.78 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| 100>50 | 8.47-121.99 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 6 |
| 50>0 | 6.62-208.85 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 15 |
| **Total No. of Days** | | **117** | **65** | **15** | **8** | **1** | **0** | **0** | **1** | **207** |

(iii) In order to check whether the daily coal consumption rate had increased compared to the normal coal consumption rate as per the above tables, the log books maintained by the Operations Officers of the Main Control Unit of the Power Plant of Unit No. 02 for that period were examined to ascertain whether the quality of the imported coal stocks during that period had deteriorated and whether the unit had not been able to operate at its full

capacity of 300 MW due to deterioration in the quality of the coal. According to the said log books, no entry could be identified indicating that the variations had been caused by deterioration in the quality of the imported coal stocks during that period and/or that the unit had not been able to operate at its full capacity of 300 MW due to deterioration in the quality of the coal.

(iv) In order to check whether the daily coal consumption rate was higher than the normal coal consumption rate during that period due to a decrease in the quality of the coal stocks imported and whether the unit could not be operated at its full capacity of 300 MW due to a decrease in the quality of the coal, the power system reports prepared daily by the System Control Division of the Transmission Division for the year 2025 were examined. The reports show the capacity of each unit of the power plant during the night peak hours (after deducting auxiliary power consumption), i.e., about 270 MW, and the relevant notes. Accordingly, in relation to Unit No. 02, out of the 99 occasions/days when the daily coal consumption rate was higher than the average coal consumption rate during the year 2025, it was operated at full capacity or above, i.e. 270 MW or more, for 58 days during the night peak hours, 10 days at a capacity between 268-269 MW, 11 days at a capacity between 201-257 MW, and 20 days at a capacity between 156-199 MW. No note was observed indicating that a problem with the quality of the coal was the cause of any of these incidents. **(Annexure 79 a)**

#### 5.5.4.1.3 Performance of Unit 03 of the Power Plant during the period 2020 – 2025 on the basis of coal stocks

(i) During the period of 06 years or 2,198 days from 2020 to 2025, Unit 03 was operated for 1,748 days to generate electricity and the average amount/rate of coal consumed in generating electricity during those 1,748 days was 369 grams of coal per kilowatt hour. The cases where the daily coal consumption rate was higher than the average coal consumption rate are shown in the table below. **(Annexure 80)**

**Table No.: 21 The performance of the power plant's Unit 03 over the period 2020 – 2025 on the coal stocks used**

| Average Daily Capacity | Number of days of electricity generation under different average daily coal consumption rates (grams) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | < 369 | 369 - 380 | 380 - 390 | 390 - 400 | 400 - 410 | 410 - 420 | 420 - 430 | >430 | Total No. of Days |
| 300>250 | 882 | 438 | 59 | 4 | 0 | 0 | 0 | 0 | 1383 |
| 250>200 | 30 | 94 | 110 | 53 | 6 | 0 | 0 | 2 | 295 |
| 200>150 | 3 | 12 | 9 | 12 | 4 | 0 | 0 | 0 | 40 |
| 150>100 | 3 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 9 |
| 100>50 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 5 |
| 50>0 | 9 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 16 |
| **Total No. of Days** | **928** | **550** | **182** | **71** | **12** | **0** | **1** | **4** | **1748** |

(ii) During the above period of 1748 days, diesel was consumed on some days to start the unit or for other activities and the behavior of the daily coal consumption rate on the days when diesel was consumed is shown in the table below.

**Table No. 22: Behavior of daily coal consumption rate on diesel consumption days**

| Average Daily Capacity | Number of days of electricity generation under different daily average coal consumption rates (grams) on days when diesel was used | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Diesel M. T | < 369 | 369 - 380 | 380 - 390 | 390 - 400 | 400 - 410 | 410 - 420 | 420 - 430 | >430 | Total No. of Days |
| 300>250 | 0.02-42.91 | 86 | 50 | 5 | 0 | 0 | 0 | 0 | 0 | 141 |
| 250>200 | 0.02-75.46 | 9 | 12 | 12 | 8 | 0 | 0 | 0 | 0 | 41 |
| 200>150 | 11.30-157.97 | 3 | 5 | 3 | 3 | 1 | 0 | 0 | 0 | 15 |
| 150>100 | 3.82-114.50 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 6 |
| 100>50 | 12.14-172.75 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 5 |
| 50>0 | 5.23-155.18 | 9 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 16 |
| **Total No. of Days** | | **110** | **72** | **23** | **13** | **3** | **0** | **1** | **2** | **224** |

(iii) In order to check whether the daily coal consumption rate was higher than the average coal consumption rate as per the above tables, the log books maintained by the Operations Officers of the Main Control Unit of Unit No. 03 for that period were examined to determine whether the quality of the imported coal stocks during that period had decreased and whether the unit could not be operated at its full capacity of 300 MW due to a decrease in the quality of the coal. According to the said log books, no note could be identified indicating that the variations were due to a decrease in the quality of the imported coal stocks during that period and/or that the unit could not be operated at its full capacity of 300 MW due to a decrease in the quality of the coal.

**5.5.4.2** In order to check whether the daily coal consumption rate was higher than the normal coal consumption rate, the power system reports prepared daily by the System Control Division of the Transmission Division for the year 2025 were examined to determine whether the quality of the coal stocks imported during that period had decreased and whether the unit could not be operated at its full capacity of 300 MW due to a decrease in the quality of the coal. The reports show the capacity of each unit of the power plant operating at a capacity of about 270 MW during the night peak hours (after deducting auxiliary power consumption). Accordingly, in relation to Unit No. 03, out of the 69 occasions/days in 2025 when the daily coal consumption rate was higher than the average coal consumption rate, it was operated at full capacity or above, i.e. 270 MW or above, during the night peak hours for 49 days, 09 days with a capacity between 267-269 MW, 07 days with a capacity between 222-266 MW, and 4 days with a capacity between 147-195 MW. No note was observed that any of these occasions were due to a problem in the quality of the coal. **(Annexure 80 a).**

**5.5.4.2.1** However, Lakvijaya Power Plant had informed the audit in writing that the following factors could be the reasons for the above variations. **(Annexure 81)**

Accordingly, considering the events that occurred during the period 2020–2025, the overall technical justification for the specific coal consumption rates exceeding the average consumption rate and the factors that could validly contribute to the increase in the specific coal consumption rate directly affected by the unit heat ratio, combustion efficiency, turbine operation, auxiliary power consumption and operating conditions, the following operational and equipment-related factors were identified as factors that could validly contribute to the increase in the specific coal consumption rate.

**a. Capacity operate partially.**

The operation of generating units below rated capacity significantly reduces thermal efficiency due to the following factors.

i. Decreased steam parameters
ii. High heat ratio at partial capacity operation - low efficiency at low capacity
iii. Increased auxiliary power percentage
iv. Suboptimal combustion conditions

Increased coal consumption per kilowatt hour generated due to solar power and reduced off-peak demand, resulting in partial capacity operation.

**b. Use of wet coal on rainy days**

Increased water content in coal leads to the following:

i. Decrease in gross calorific value (GCV).
ii. Increased latent heat losses.
iii. Deterioration in grinding unit performance
iv. Higher primary air requirement.
v. Addition of water to the coal weight.

This directly increases the mass of coal required per unit of electricity generation.

**c. Bypassing of High-Pressure Heaters**

High-pressure feedwater heaters are essential for regenerative cycle efficiency. Bypassing the high-pressure heater results in,

i. Lower feed water temperature entering the boiler.
ii. Increased boiler heat input requirement.
iii. Increased turbine heat ratio.

This significantly increases the grams required per kilowatt hour.

**d. Unit Start-ups and Shutdowns**

Unit start-ups and shutdowns result in,

i. Higher coal consumption during ignition and stabilization
ii. Oil support firing
iii. Thermal cycling losses
iv. Steam discharge during load synchronization
v. Auxiliary power spikes
vi. Condenser vacuum not being developed optimally

During the start-up, pre-start-up period, shutdown and post-shutdown period, a significant amount of auxiliary steam is consumed and this steam is also taken from the running unit. As a result, this also affects the specific coal consumption rate.

**e. Ash deposition and ash removal**

The main reasons for the deposition of fly ash on the heat exchange surfaces are:

i. Reduced heat transfer efficiency and therefore coal consumption rate
ii. High flue gas outlet temperature (increased heat loss)
iii. High excess air requirement

The failure of the ash removal machines further aggravates this situation and increases coal consumption.

The removal system also uses steam from the boiler, which also leads to an increase in coal consumption. Ash removal is usually carried out three times a week.

**f. Steam leaks**

If steam leaks occur, it is best to shut down the unit to carry out the necessary repairs. However, considering the energy loss costs due to shut down and operation, the unit is operated with steam leaks while implementing all the necessary safety measures. This practice also leads to a decrease in the overall efficiency of the unit.

Due to the operation of the plant with steam leaks,

i. Direct energy loss
ii. Reduced turbine efficiency
iii. Increased boiler combustion rate to maintain capacity.

This leads to a higher specific coal consumption.

**g. Reduced vacuum in condenser**

Reduced vacuum in condenser is caused by,

i. Increased cooling water temperature with the environment.
ii. Condenser tube fouling
iii. Circulating water pump inefficiency
iv. Air entrainment into condenser

High back pressure reduces turbine output and increases heat transfer rate.

**h. Air preheater (APH) leaks and blockages**

APH leaks and blockages are caused by,

i. Increased flue gas temperature
ii. Loss of heat recovery
iii. Increased fan power consumption
iv. Reduced combustion air temperature
v. Reduced air flow

This reduces boiler efficiency and increases coal consumption.

**i. Data extraction issues**

Usually, coal consumption data is accurate as it is extracted directly from the control system interface. However, the energy readings must be recorded by an operator at 12:00 midnight. Since the energy meters are located at different locations, the operator needs to travel between the units to collect the readings. Therefore, this procedure may affect the accuracy of the recorded data.

This affects the deviation of the calculated specific coal consumption rate.

**j. The above factors collectively contribute to,**

i. Increased heat ratio.

ii. Reduced boiler-turbine cycle efficiency

iii. Increased auxiliary power consumption

Ultimately, these effects are reflected as an increase in specific coal consumption.

**5.5.4.3 Calculating the impact on the performance of coal stocks used by each unit of the power plant during the period 2020 – 2025**

In the cases where the daily coal consumption rate was higher than the normal coal consumption rate of the Lakvijaya Power Plant during the above period, if the reason for this was a decrease in the quality of the coal stocks imported during that period and/or if the unit could not be operated at its full capacity of 300 MW due to a decrease in the quality of the coal, then the loss that may occur due to excessive coal consumption and/or the estimated amount of energy that should be supplied additionally from another source due to the inability to achieve full capacity was only calculated in this special audit and it was not observed that the reason for these variations was a decrease in the quality of the coal stocks imported during that period and/or if the unit could not be operated at its full capacity of 300 MW due to a decrease in the quality of the coal. Therefore, those calculations were not performed.

### 5.5.5 Analysis of the standards of imported coal stocks for the period 2025 /2026

**5.5.5.1** As per paragraph 5,4,3,2,2 xxvii above, Trident Chemphar Limited, an Indian company, which was selected to supply 1.5 million MMT±10% of coal for the period 2025 /2026, has supplied 09 coal ships to the power plant as of 17 February 2026 as follows.

**Table No. : 23 Coal Imported up to the year 2025 /2026**

| Shipping Season | Vessel Name | Quantity (MT) |
|---|---|---|
| 456 | CEYLON BREEZE | 59,831.701 |
| 457 | GUANGZHOU | 60,639.979 |
| 458 | XIN HONG BAO SHI | 54,242.720 |
| 459 | CEYLON PRINCES | 61,285.905 |
| 460 | UNICORN | 54,074.873 |
| 461 | LEYLA AKSOY | 59,174.664 |
| 462 | CANON | 56,007.662 |
| 463 | NS GUANGZHOU | 60,320.087 |
| 464 | CEYLON BREEZE | 60,415.173 |

#### 5.5.5.2 Appointment of Inspectors at the Loading Port for the 2025/2026 Season

(i) The standards for testing samples at each stage of the cargo as per the parameters shown in Table 12 above are as follows. Out of the three analysts nominated by the vendor, Trident Chemphar Limited, in accordance with clause 3.5.1.B of the agreement for testing samples at the Loading Port in this procurement, only Mitra SK South Africa (Pty) Ltd had confirmed with the Sri Lanka High Commission in South Africa on 08.12.2025 that it had SANAS (South African National Accreditation System) testing facility. **(Annexure 82).** However, since this laboratory did not have the accreditation status for all the parameters mentioned in clause 5.3 of the agreement, or it did not have ASTM (American Society for Testing and Materials) status for Ash content and Volatile Matter, all parties, including the Chairman of Lanka Coal Company, the Ceylon Electricity Board, the management of Lakvijaya Power Plant and the supplier, had agreed on 12 December 2025 to nominate another laboratory that would cover all the parameters. **(Annexure 83)**. Accordingly, the seller, Trident Chemphar Limited, proposed an Indonesian institution, PT Mitra SK Analisa Testama Samarinda (Indonesia), and after obtaining certification regarding its accreditation status from the Sri Lankan Embassy in Indonesia on 12 December 2025, it was agreed on the same day to select it for this purpose. **(Annexure 84)**

(ii) Further, the General Manager of the Company, in a letter dated 23 December 2025, sent to the Trident Champhar Limited, stated that the accreditation certificate of PT Mitra SK Analisa Testama Samarinda (Indonesia) was due to expire on 29 December 2025 and that the failure to submit a renewed accreditation certificate was identified as a Material Non-Compliance. **(Annexure 85)**

(iii) Accordingly, based on the online discussion between the officers of the Lakvijaya Power Plant and the management of the Company, Trident Chemphar Limited has taken a conditional decision to obtain the loading test reports from PT Mitra SK Analisa Testama Samarinda (Indonesia) subject to the receipt of the final binding reports from the unloading inspector, Cotecna, India.

"Subsequent to the online meeting held among trident, Lakvijaya Power Plant(LVPP) officials, and LCC Management, a conditional decision was made to proceed with PT Mitra SK Analisa Testama Samarinda(Indonesia) for load port coal testing, strictly on the basis that the final and binding analysis shall be conducted at the discharge port by Cotecna, India."

(iv) Further, the following directions have been issued to Trident Chemphar Limited.

(a) It has been informed that all certificates and documents including the following shall be issued only by Mitra SK South Africa (Pty) Ltd.

- Draft Survey Reports
- Certificate of Weight
- Coal Sampling Reports
- Hold Clearance Certificate
- Certificate of Origin

(b) Coal testing shall be carried out by the company only in compliance with all standards.

(c) The following documents should be submitted immediately:

- Valid renewed certificate of accreditation
- Complete information regarding the second sample
- Complete and follow-up reports for the samples sent

(v) Furthermore, the buyer had appointed an Indian company, Cotecna Inspection India (Pvt) Ltd, to inspect these samples at the port of discharge. Accordingly, the details of the reports issued at the port of loading and the port of discharge for the period 2025/2026 are given below.

**Table No.: 24 Details of the reports issued at the port of loading and the port of discharge for the period from ship no. 456 -467**

| Shipment No.as per the LCC | Vessel | BL Date | Load Port Quality Report Date (MK) | No of Delay days | Actual Arrival Date (vessel) | D.C.Date | Discharge Port Quality Report Date (Cotecna) | No of Delay days |
|---|---|---|---|---|---|---|---|---|
| 456 | Ceylon Breeze | 14-Dec-25 | 31-Dec-25 | 11.00 | 30-Dec-25 | 4-Jan-26 | 19-Jan-26 | 4.00 |
| 457 | NS Guangzhou | 21-Dec-25 | 29-Dec-25 | 2.00 | 4-Jan-26 | 9-Jan-26 | 19-Jan-26 | - |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 458 | Xin Hong Bao Shi | 31-Dec-25 | 9-Jan-26 | 3.00 | 16-Jan-26 | 29-Jan-26 | 6-Feb-26 | - |
| 459 | Ceylon Princess | 6-Jan-26 | 19-Jan-26 | 7.00 | 21-Jan-26 | 31-Jan-26 | 10-Feb-26 | - |
| 460 | Unicorn | 9-Jan-26 | 22-Jan-26 | 7.00 | 24-Jan-26 | 3-Feb-26 | 14-Feb-26 | - |
| 461 | Leyla Aksoy | 14-Jan-26 | 27-Jan-26 | 7.00 | 28-Jan-26 | 9-Feb-26 | 19-Feb-26 | - |
| 462 | Conon | 20-Jan-26 | 27-Jan-26 | 1.00 | 5-Feb-26 | 14-Feb-26 | 24-Feb-26 | - |
| 463 | NS Guangzhou | 26-Jan-26 | 5-Feb-26 | 4.00 | 13-Feb-26 | 19-Feb-26 | 2-Mar-26 | - |
| 464 | Ceylon Breeze | 29-Jan-26 | 5-Feb-26 | 1.00 | 13-Feb-26 | 24-Feb-26 | 10-Mar-26 | 3.00 |
| 465 | Mercury Sky | 1-Feb-26 | 11-Feb-26 | 4.00 | 16-Feb-26 | 1-Mar-26 | | |
| 466 | Yasa Mars | 14-Feb-26 | 25-Feb-26 | 5.00 | 1-Mar-26 | | | |
| 467 | Ultra Confidence | 24-Feb-26 | 6-Mar-26 | 4.00 | | | | |

The information on the tests carried out at the two ports and in the laboratory of the Lakvijaya Power Plant is given below.

**Table No. 25 On Gross Calorific Value - Unit of measurement kcal/kg**

| Season of the Ship | Standard Values (As received basis) | Rejected Value | Results of Sample Tests Conducted at Port of Loading | Results of Sample Tests Conducted at Port of Discharge | Results of Tests Conducted at Lakvijaya Power Plant Laboratory |
|---|---|---|---|---|---|
| 456 | 6,150 | Less than 5,900 | 6053 | 5520 | 5,348 |
| 457 | | | 6193 | 6017 | 5420 |
| 458 | | | 5904 | 5928 | 4805 |
| 459 | | | 6174 | 6107 | 5355 |
| 460 | | | 6162 | 5951 | 5265 |
| 461 | | | 6160 | 5967 | 5116 |
| 462 | | | 6175 | 5973 | 4887 |
| 463 | | | 6158 | 5964 | 4582 |
| 464 | | | 6176 | 5543 | 4731 |

**Table No.: 26 Total moisture unit % wt**

| Season of the Ship | Standard Values (As received basis) | Rejected Value | Results of Sample Tests Conducted at Port of Loading | Results of Sample Tests Conducted at Port of Discharge | Results of Tests Conducted at Lakvijaya Power Plant Laboratory |
|---|---|---|---|---|---|
| 456 | 12.0 or less | More than 36 | 7.8 | 8.48 | 8.50 |
| 457 | | | 7.04 | 7.94 | 7.79 |
| 458 | | | 7.94 | 8.06 | 7.99 |
| 459 | | | 7.15 | 7.55 | 8.21 |
| 460 | | | 7.20 | 7.55 | 7.71 |
| 461 | | | 8.47 | 8.10 | 6.76 |
| 462 | | | 8.65 | 8.50 | 7.82 |
| 463 | | | 9.03 | 7.84 | 7.51 |
| 464 | | | 7.11 | 8.27 | 6.85 |

**Table No.: 27 Volatile Matter - Unit of measurement % wt**

| Season of the Ship | Standard Values (As received basis) | Rejected Value | Results of Sample Tests Conducted at Port of Loading | Results of Sample Tests Conducted at Port of Discharge | Results of Tests Conducted at Lakvijaya Power Plant Laboratory |
|---|---|---|---|---|---|
| 456 | 31 | Less than 22, more than 39.9 | 25.44 | 21.16 | 22.45 |
| 457 | | | 26.53 | 24.90 | 20.98 |
| 458 | | | 26.10 | 24.54 | 22.21 |
| 459 | | | 26.56 | 26.50 | 23.65 |
| 460 | | | 25.93 | 24.00 | 24.11 |
| 461 | | | 26.13 | 24.42 | 24.06 |
| 462 | | | 25.81 | 24.79 | 24.04 |
| 463 | | | 26.80 | 24.87 | 24.68 |
| 464 | | | 26.13 | 24.21 | 23.94 |

**Table No. 28 Fixed carbon content Unit of measurement % wt**

| Season of the Ship | **Unit of measurement** | Standard Values (As received basis) | Rejected Value | Results of Sample Tests Conducted at Port of Loading | Results of Sample Tests Conducted at Port of Discharge | Results of Tests Conducted at Lakvijaya Power Plant Laboratory |
|---|---|---|---|---|---|---|
| 456 | % wt | 49.5 | - | 56.22 | 49.84 | 49.04 |
| 457 | | | | 55.46 | 51.81 | 49.86 |
| 458 | | | | 53.45 | 51.87 | 44.31 |
| 459 | | | | 53.78 | 50.94 | 46.99 |
| 460 | | | | 53.09 | 52.77 | 46.41 |
| 461 | | | | 51.82 | 51.79 | 46.32 |
| 462 | | | | 52 | 50.99 | 41.05 |
| 463 | | | | 50.86 | 51.61 | 39.92 |
| 464 | | | | 53.10 | 44.42 | 41.87 |

**Table No.: 29 Sulfur content Unit of measurement % wt**

| **Season of the Ship** | **Standard Values (As received basis)** | **Rejected Value** | **Results of Sample Tests Conducted at Port of Loading** | **Results of Sample Tests Conducted at Port of Discharge** | **Results of Tests Conducted at Lakvijaya Power Plant Laboratory** |
|---|---|---|---|---|---|
| 456 | 0.5 or less | Over 1 | 0.49 | 0.58 | 0.55 |
| 457 | | | 0.49 | 0.65 | 0.89 |
| 458 | | | 0.49 | 0.56 | 0.73 |
| 459 | | | 0.47 | 0.52 | 0.67 |
| 460 | | | 0.47 | 0.58 | 0.83 |
| 461 | | | 0.43 | 0.54 | 0.59 |
| 462 | | | 0.46 | 0.61 | 0.78 |
| 463 | | | 0.46 | 0.64 | 0.79 |
| 464 | | | 0.46 | 0.69 | 0.90 |

**Table No.: 30 Ash content unit of measurement - % wt**

| Season of the Ship | Standard Values (As received basis) | Rejected Value | Results of Sample Tests Conducted at Port of Loading | Results of Sample Tests Conducted at Port of Discharge | Results of Tests Conducted at Lakvijaya Power Plant Laboratory |
|---|---|---|---|---|---|
| 456 | 11.0 or less | Over 16 | 10.53 | 20.52 | 20.01 |
| 457 | | | 10.97 | 15.35 | 21.38 |
| 458 | | | 12.51 | 15.53 | 25.50 |
| 459 | | | 12.50 | 15.01 | 21.14 |
| 460 | | | 13.78 | 15.68 | 21.76 |
| 461 | | | 13.58 | 15.69 | 21.72 |
| 462 | | | 13.54 | 15.72 | 27.08 |
| 463 | | | 13.31 | 15.68 | 27.90 |
| 464 | | | 11.66 | 22.46 | 27.33 |

**Table No.: 31 Hardgrove Grindability Index (HGI) Unit of measurement oH**

| **Season of the Ship** | **Standard Values (As received basis)** | **Rejected Value** | **Results of Sample Tests Conducted at Port of Loading** | **Results of Sample Tests Conducted at Port of Discharge** | **Results of Tests Conducted at Lakvijaya Power Plant Laboratory** |
|---|---|---|---|---|---|
| 456 | 50 | Less than 40, more than 59 | 51 | 58 | Not tested. |
| 457 | | | 52 | 55 | |
| 458 | | | 59 | 58 | |
| 459 | | | 53 | 56 | |
| 460 | | | 56 | 56 | |
| 461 | | | 51 | 56 | |
| 462 | | | 55 | 56 | |
| 463 | | | 54 | 58 | |
| 464 | | | 53 | 56 | |

**Table No.: 32 Grain size over 50 mm Unit of measurement % w**

| Season of the Ship | Standard Values (As received basis) | Rejected Value | Results of Sample Tests Conducted at Port of Loading | Results of Sample Tests Conducted at Port of Discharge | Results of Tests Conducted at Lakvijaya Power Plant Laboratory |
|---|---|---|---|---|---|
| 456 | 3.0 or less | Over 5 | 2.5 | 1.44 | Not tested. |
| 457 | | | 2.8 | 1.10 | |
| 458 | | | 1.9 | 1.17 | |
| 459 | | | 1.86 | 1.38 | |
| 460 | | | 1.82 | 0.76 | |
| 461 | | | 1.90 | 0.91 | |
| 462 | | | 1.92 | 0.91 | |
| 463 | | | 2.08 | 0.70 | |
| 464 | | | 1.54 | 0.90 | |

**Table No.: 33 Grain size less than 02 mm Unit of measurement % w**

| Season of the Ship | Standard Values (As received basis) | Rejected Value | Results of Sample Tests Conducted at Port of Loading | Results of Sample Tests Conducted at Port of Discharge | Results of Tests Conducted at Lakvijaya Power Plant Laboratory |
|---|---|---|---|---|---|
| 456 | 22.5 or less | Over 30 | 22 | 25.10 | Not tested. |
| 457 | | | 22.3 | 24.13 | |
| 458 | | | 21.0 | 24.44 | |
| 459 | | | 17.2 | 24.89 | |
| 460 | | | 20.73 | 24.74 | |
| 461 | | | 18.76 | 24.66 | |
| 462 | | | 18.20 | 23.61 | |
| 463 | | | 19.27 | 24.86 | |
| 464 | | | 18.87 | 25.23 | |

5.5.5.2.3 **If the coal imported in a ship during the above-mentioned 09 shipping seasons did not comply with the prescribed standards, the steps that can be taken for that, and the consequences that may arise due to such non-compliance with the standards**

When comparing the average coal consumption rate of the Lakvijaya Power Plant from January 2026 (the average coal consumption rate for coal cargoes No. 407 to 455 was 375 grams of coal.) In cases where the daily coal consumption rate has increased above that rate, if the quality of newly imported coal stocks has decreased and/or if the unit has not been able to operate at its full capacity of 300 MW due to a decrease in the quality of coal, then only the estimated amount of additional energy to be supplied due to the loss that may occur due to excessive coal consumption and/or the inability to achieve full capacity is calculated in this section. The following methodology is followed here.

(a) Since a portion of the new non-ferrous coal is loaded directly into bunkers during unloading, the average coal consumption rate for generating electricity using the loaded coal is obtained. (This may be a small portion of the total cargo.)

(b) When the power plant needs to operate at full capacity (300 MW) upon the request of the system control department, the power plant cannot operate at a capacity of 300 MW due to the increase in the amount of coal burned per hour using the above loaded coal.

(c) Calculation of the estimated amount of additional energy to be supplied due to inability to achieve full capacity

I. First Option

When the power plant needs to operate at a significantly lower capacity than the full capacity upon the request of the System Control Division, that capacity can be supplied using the above-filled coal stocks. If the power plant always needs to operate at full capacity (300 megawatts), the estimated amount of energy to be supplied additionally from another source due to inability to operate the power plant at full capacity is calculated under Option 01.

II. Second Option

Since solar power is available during the day, the system control unit will normally request the plant to operate at a significantly lower capacity than full capacity during the daily period from 8.00 am to 2.00 pm and at full capacity during the rest of the time. Accordingly, if the plant needs to operate at full capacity (300 megawatts) for 16 hours every day, the estimated amount of energy that needs to be supplied additionally from another source due to the inability to operate the plant at full capacity during that period is calculated under Option 02 **(Annexure 85 a).**

(d) When the additional energy requirement arising from the inability to operate the power plant at full capacity using the above coal stocks is met from another source, the system control unit decides to meet that energy requirement from various sources at different costs based on the power plant capacity available at that time and the costs incurred therein. Therefore, the calculation of the additional overhead cost that may be incurred for the estimated amount of energy to be supplied

additionally calculated as mentioned above (the cost incurred after deducting the cost of generating one kilowatt hour of electricity using coal is considered as the additional overhead cost) is not carried out at this time due to the lack of actual information for that.

**(i) Standard inspection during the first shipment (Shipment No. 456/25-26/12)**

(a) As per Tables 24, 26, 27, 29, 32 above, 5 parameters exceeded the standard values mentioned in the agreement and out of these, 3 parameters, namely Gross Calorific Value, Volatile Matter and Ash were within the rejected values. Accordingly, the total penalty recoverable from the first shipment was calculated by Lakvijaya Power Plant as Rs. 644.7 million as follows.

**Table No. 34 Calculation of Penalties as per Agreement**

| Number | Parameter | Variation | Penalty Amount USD |
|---|---|---|---|
| 1 | Gross Calorific Value | (6150 – 5520) = 630 | 1,189,631.73 |
| 2 | Volatile Matter | (25 - 21.16) = 3.84 | 101,638.41 |
| 3 | Sulphur | (0.58 - 0.5) = 0.08 | 16,306.71 |
| 4 | Ash | (20.52 – 11) = 9.52 | 639,564.40 |
| 5 | Grain Size Less Than 02 mm | (25.1 - 22.5) = 2.6 | 132,492.05 |
| **Total** | | | **2,079,633.30** |
| **Rupees Value** | | | **644,686,323.83** |

(b) The first ship of the supply for 2025/2026, which was loaded between 01 January 2026 and 06 January 2026, also loaded a portion of the coal directly into the bunkers, and therefore, from the evening of 01 January 2026 to the evening of 05 January 2026, a portion of this coal was loaded into the bunkers of Unit No. 03, the only unit that was operational during that period, approximately 12,886 metric tons, according to information obtained from the Fuel Handling (Operations) Division of the Lakvijaya Power Plant. **(Annexure 86)** Unit No. 03 was operated from 02 January 2026 to 05 January 2026 only with that coal and the details of the quantities of coal consumed for the electricity generated per day during that period are shown in the table below.

**Table No. :35 Amount of electricity units generated per day during the period from the 02 January 2026 to the 05 January 2026**

| Date | Unit No. 03 | | | | |
|---|---|---|---|---|---|
| | Gross electrical energy generated (MWh) | Auxiliary electricity consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | kWh per kg (daily average) |
| 1/1/2026 | 7,120.89 | 635.94 | 2,587.75 | - | 0.363 |
| 1/2/2026 | 6,867.99 | 629.64 | 2,738.38 | - | 0.399 |

| | | | | | |
|---|---|---|---|---|---|
| 1/3/2026 | 6,571.78 | 611.45 | 2,727.02 | - | 0.415 |
| 1/4/2026 | 6,632.04 | 608.42 | 2,667.14 | - | 0.402 |
| 1/5/2026 | 6,959.15 | 632.82 | 2,759.02 | - | 0.396 |

(c) The following table shows some of the specific instances mentioned regarding coal stock consumption rates on the above dates as per the logbook maintained by the operating officers of the main control unit of the power plant in relation to Unit 03 and the information shown in the system diagrams of the main control unit as observed during the audit**.**

**Table No. 36: Special cases related to coal stock consumption rates**

| **Date and Time** | **Log information** | **System diagrams that provide evidence** | | | |
|---|---|---|---|---|---|
| | | **Date and time** | **Coal burning capacity per hour** | **Capacity in megawatts** | **kg per kWh** |
| At 09.23am on 2026/01/02 | Capacity reduction to 285 MW due to increased coal consumption | At 09.21.58am on 2026/01/02 | 119.388 | 287.133 | 0.416 |
| At 02.20pm on 2026/01/04 | System Control has requested full capacity | At 03.19.15 pm on 2026/01/04 | 116.807 | 277.932 | 0.420 |
| | | At 02.45.43 pm on 2026/01/05 | 119.150 | 292.297 | 0.407 |

Furthermore, according to the daily power system report prepared by the System Control Division of the Transmission Division for the above dates (January 02 to 05), the capacity available to the power system from Unit 3 of the power plant during the night peak period (after deducting auxiliary power consumption) i.e. about 270 MW, i.e. the capacity at which that unit operated and the relevant notes are shown in the table below**.**

**Table No. 37 The system operated at the capacity available to the power grid from the power plant's 3rd unit during the night peak hours.**

| Date | Capacity available to the power grid (MW) | Capacity operated during night peak hours (MW) | Note |
|---|---|---|---|
| 2026/01/02 | 270 | 246 | NP (Night Peak) availability was 246 MW due to a coal quality issue |
| 2026/01/03 | 270 | 254 | NP availability was 254 MW due to a coal quality issue |
| 2026/01/04 | 270 | 259 | NP availability was 259 MW due to a coal quality issue |
| 2026/01/05 | 270 | 256 | NP availability was 256 MW due to a coal quality issue |

**(d) Identification of potential losses due to excessive consumption of coal**

The Lakvijaya Power Plant had confirmed that the average consumption rate of this stock is about 404 grams per kilowatt hour and based on the average capacity generated by Unit 03 during the period of operation using this coal, the plant can be operated with an average capacity of about 287 megawatts. Using that value, the potential losses due to excessive consumption of new imported coal can be identified as follows. **(Annexure 87)**

**Table No.: 38 Overconsumption and calculated losses in imported new coal stock**

| Coal burned per hour at 287 MW capacity (standard average value) | Coal burned per hour at 287 MW capacity (average value) | Additional coal burned per hour MT | Number of days the total coal stock can be used at a capacity of 287 MW | Total additional coal burned MT | Cost of one metric ton of coal Rupees | Estimated loss due to overconsumption of coal Rs. million |
|---|---|---|---|---|---|---|
| 107.61 | 115.86 | 8.25 | 21.5 | 4,259.34 | 38,385 | 163.5 |

**(e) The estimated amount of energy that must be supplied additionally from another source due to the inability to achieve full capacity.**

If, as mentioned in paragraph (d) above, the capacity of the power plant using this coal is about 287 megawatts, and the additional energy requirement of 13 megawatts has to be met from another source, the estimated amount of additional energy that needs to be supplied under the 02 cases mentioned in paragraph (5.5.4.2.3 c) above is shown in the table below.

**Table No.: 39 Estimated amount of energy to be supplied additionally from another source**

| Number of days in which the total coal stock can be used at a capacity of 287 MW | Energy required to be met from another source at a capacity of 13 MW (kWh) | |
|---|---|---|
| | 01 st Option | 2 nd Option |
| 21.5 | 6,727,148 | 4,484,765 |

N.B. - The estimated amount of additional energy to be supplied from another source is indicated in the table above and may vary depending on the actual operational capacity of the power plant and the resulting energy shortage.

**(ii) Inspection of standards during the second shipment - (Shipping consignment no. 457/25- 26/13)**

(a) As per Tables Nos. 24, 26, 27, 29, 32 above, 5 parameters were found to be in excess of the standard values mentioned in the agreement. Accordingly, the total penalty recoverable from the second cargo is Rs. 135.3 million.

**Table No. 40 There were variations in the parameters and the calculation of the penalties as per the relevant agreement**

| Number | Parameter | Variation | Penalties Amount USD |
|---|---|---|---|
| 1 | Gross Calorific Value | (6150 – 6017) = 133 | 139,614.56 |
| 2 | Volatile Matter | (25 - 24.9) = 0.1 | 2,065.88 |
| 3 | Sulphur | (0.65 - 0.5) = 0.15 | 30,988.13 |
| 4 | Ash | (15.35 – 11) = 4.35 | 179,731.17 |
| 5 | Grain Size Less Than 02 mm | (24.13 - 22.5) = 1.63 | 84,184.43 |
| **Total** | | | **436,584.16** |
| **Rupees Value** | | | **135,341,090.41** |

(b) Furthermore, the above coal cargo, which arrived in Sri Lanka as the second ship, was unloaded between 05 January 2026 and 09 January 2026. Since a part of the coal cargo is also directly loaded into the bunkers during the unloading of the coal cargo, it was confirmed from the information obtained from the Fuel Handling (Operations) Division of the Lakvijaya Power Plant that a part of this coal cargo was loaded into the bunkers of Unit No. 03, which was operational at that time, from the night of 05 January 2026 to the night of 08 January 2026, approximately 9,527 metric tons **(Annexure 86).** Unit No. 03 was operated using that coal only from 06 January 2026 to 08 January 2026. Details of the amount of coal consumed for the electricity generated per day during that period are given below.

**Table No. : 41 Amount of coal consumed from 06 January 2026 to 08 January 2026**

| Date | Unit No. 03 | | | | |
|---|---|---|---|---|---|
| | **Gross electrical energy generated (MWh)** | **Auxiliary electricity consumption (MWh)** | **Tons of coal consumed** | **Fuel (diesel) consumed in liters** | **kWh per kg (daily average)** |
| 1/6/2026 | 6,958.26 | 646.64 | 2,746.51 | - | 0.395 |
| 1/7/2026 | 7,052.23 | 654.43 | 2,760.14 | - | 0.391 |
| 1/8/2026 | 6,963.46 | 651.46 | 2,714.50 | - | 0.390 |

Accordingly, considering the 375 grams mentioned in paragraph 5.5.3.1 above, the average value of the consumption rate of coal stocks during this period was about 392 grams.

(c) The following table shows some information shown in the system diagrams of the main control unit regarding the consumption rates of coal stocks on the above dates.

**Table No. : 42 Special cases related to coal stock consumption rate**

| Date and Time | Coal Burning per hour M.T | Capacity MW | Kg per kWh |
|---|---|---|---|
| 2026/01/06 06.00.53 AM | 117.705 | 299.713 | 0.392 |
| 2026/01/06 10.11.21AM | 116.042 | 286.035 | 0.406 |

According to the above table, the average consumption rate of coal stocks to generate one kilowatt hour of electricity from these new coal stocks has exceeded 392 grams.

Furthermore, according to the daily power system report prepared by the System Control Division of the Transmission Division for the above dates (from January 06 to 08), the capacity that the 3rd unit of the power plant operated at a capacity of about 270 megawatts during the

night peak period (after deducting auxiliary power consumption) and the relevant notes are shown in the table below.

**Table No. : 43 The system operated at the capacity available to the power grid from Unit 3 of the power plant during the night peak period - from January 06 to 08**

| Date | Capacity available to the power grid (MW) | Capacity operated during the night peak period (MW) | Note |
|---|---|---|---|
| 2026/01/06 | 270 | 262 | NP availability was 262 MW due to a coal quality issue |
| 2026/01/07 | 270 | 267 | NP availability was 267 MW due to a coal quality issue |
| 2026/01/08 | 270 | 254 | NP availability was 254 MW due to a coal quality issue |

**(d) Identification of potential losses due to excessive consumption of coal**

The Lakvijaya Power Plant had confirmed that the average consumption rate of this stock is about 391 grams per kilowatt hour and that the plant can be operated with an average capacity of about 292 megawatts based on the average capacity generated by Unit 03 during the period of operation using this coal. Using that value, the potential losses due to excessive consumption of newly imported coal can be identified as follows. **(Annexure 87)**

**Table No. 44 Potential losses due to excessive consumption**

| Coal burned per hour at 292 MW capacity (standard average value) | Coal burned per hour at 292 MW capacity (average value) | Additional coal burned per hour, MT | Number of days that the total coal stock can be used at a capacity of 292 MW | Total additional coal burned MT | Cost per metric ton of coal<br>Rupees | Estimated potential loss due to excess coal consumption<br>Rs. million |
|---|---|---|---|---|---|---|
| 109.52 | 114.09 | 4.56 | 22.1 | 2,425.43 | 39,003 | 94.6 |

**(e) Estimated amount of additional energy to be supplied from another source due to inability to meet full capacity**

As mentioned above, if the capacity that can be operated by the power plant using this coal is about 292 megawatts, if the remaining energy requirement of 08 megawatts has to be met from another source, the estimated amount of additional energy to be supplied under the 02 cases mentioned in paragraph (5.5.4.2.3 c) above is shown in the table below.

**Table No. : 45 Estimated amount of additional energy to be supplied from another source**

| Number of days in which the total coal stock can be used at a capacity of 292 MW | Energy required to be met from another source at a capacity of 08 MW (kWh) | |
|---|---|---|
| | 01 st Option | 2 nd Option |
| 22.1 | 4,219,806 | 2,813,204 |

NB - The estimated amount of additional energy to be supplied from another source is mentioned in the above table and may vary depending on the actual operational capacity of the plant and the resulting energy shortage.

**iii. Checking the standards in the third shipment - (Shipment No. 458/25-26/14)**

(a) As per Tables 24, 26, 28, 29, 32 above, 5 parameters had exceeded the standard values mentioned in the agreement, and the total penalty recoverable from the third shipment was calculated by Lakvijaya Power Plant as Rs. 150.4 million as follows.

**Table No. : 46 Penalty recoverable due to exceeding the standard values of 46 parameters**

| **Number** | **Parameter** | **Variation** | **Penalty Amount USD** |
|---|---|---|---|
| 1 | Gross Calorific Value | (6150 – 5928) = 222 | 208,456.02 |
| 2 | Volatile Matter | (25 - 24.54) = 0.46 | 8,500.50 |
| 3 | Sulphur | (0.56 - 0.5) = 0.06 | 11,087.61 |
| 4 | Ash | (15.53 – 11) = 4.53 | 167,422.86 |
| 5 | Grain Size Less Than 02 mm | (24.44 - 22.5) = 1.94 | 89,624.82 |
| **Total** | | | **485,091.81** |
| **Rupees Value** | | | **150,378,462.41** |

(b) It was confirmed from the information obtained from the Fuel Handling (Operations) Division of the Lakvijaya Power Plant that a portion of the coal stock unloaded between 20th January 2026 and 29th January 2026, or approximately 13,803 metric tons, was loaded into the snow bunkers of 03 units from the morning of 20 January 2026 to the morning of 21 January 2026. **(Annexure 86)** Accordingly, the details of the quantities of coal consumed for the electricity generated per day by the operation of all 03 units from 20 January 2026 to 21 January 2026 are given in the table below.

**Table No. : 47 Quantities of coal consumed for the electricity generated per day by the operation of all 03 units from 20 January 2026 to 21 January 2026**

| Date | Unit No. 01 | | | | | Unit No. 02 | | | | | Unit No. 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gross electrical energy generated (MWh) | Auxiliary power consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed per liter | Kg per kWh (daily average) | Gross electrical energy generated (MWh) | Electricity consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) | Gross electrical energy generated (MWh) | Auxiliary power consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) |
| 1/20/2026 | 6,618.56 | 620.15 | 2,660.06 | - | 0.402 | 6,432.19 | 568.99 | 2,411.59 | - | 0.375 | 6,391.19 | 617.92 | 2,429.11 | - | 0.380 |
| 1/21/2026 | 6,051.72 | 640.51 | 2,750.40 | - | 0.454 | 5,938.91 | 553.98 | 2,606.23 | - | 0.439 | 6,011.20 | 594.10 | 2,617.46 | - | 0.435 |

(c) The following table shows the specific cases identified in relation to the coal stock consumption rates on the above dates as per the log book maintained by the operating officers of the main control unit of the power plant in relation to each unit.

**Table No. : 48 Specific cases identified as per the log book maintained by the power plant in relation to each unit**

| Unit 03 | | Unit 02 | | Unit 01 | |
|---|---|---|---|---|---|
| Date and Time | Note | Date and Time | Note | Date and Time | Note |
| 2026/01/20 01.50 pm | System Control Division has requested full capacity. | 2026/01/20 09.09 pm | Capacity reduction to 290 MW due to coal rate increase to 118 tons per hour. System Control Division has been informed of the situation. | 2026/01/21 02.30 am | Unit operation to 255 MW due to coal rate increase to 117 tons per hour. |
| 2026/01/20 06.00 pm | Capacity reduction to 295 MW due to | 2026/01/20 09.49 pm | Increased capacity to 292 MW as coal | 2026/01/21 10.00 am | Abnormal increase in steam temperature |

| | | | | | |
|---|---|---|---|---|---|
| | coal rate exceeding 115 tons per hour. | | rate was 113 tons per hour. | | observed with new coal stock loading. |
| 2026/01/20 07.24 pm | Reduced capacity to 290 MW due to coal rate exceeding 115 tons per hour. | 2026/01/20 10.23 pm | Reduced capacity to 285 MW due to coal rate increasing to 120 tons per hour. | 2026/01/21 12.00 noon | Abnormal increase in SH and RH temperatures with new coal stock loading. |
| 2026/01/20 09.01 pm | Capacity reduction to 285 MW due to exceeding the coal rate of 115 tons per hour. | 2026/01/20 10.52 pm | Capacity reduction to 280 MW due to increasing the coal rate to 119 tons per hour. | 2026/01/21 03.00 pm | Unit operation up to 256 MW due to coal rate of 116 tons per hour. |
| 2026/01/20 11.04 pm | Capacity reduction to 275 MW due to exceeding the coal rate of 115 tons per hour. | 2026/01/20 11.05 pm | Capacity reduction to 275 MW due to increase in coal rate to 118 tons per hour. System Control Division informed of the situation. | | |
| 2026/01/21 2.16 pm | System Control Division has requested a capacity of 300 MW. | 2026/01/21 14.59 pm | Although the capacity is 230 MW, the coal rate has increased to 100 tons per hour and the coal rate in each of the mills has increased to 25 tons per hour. | | |
| 2026/01/21 2.35 pm | Capacity increase at 250 MW has been stopped due to exceeding the coal rate of 115 tons per hour. | 2026/01/2109 .39 pm | The System Control Division was informed that the maximum availability tomorrow evening is 300 MW as coal is being loaded from a previously imported batch | | |

| | | | | |
|---|---|---|---|---|
| | | | with a high GCV value. | |
| 2026/01/21 2.40 pm | The System Control Division was informed of the situation. | | | |

(d) The following table shows some of the information shown in the system diagrams of the main control unit which provide evidence in relation to the above logbook entries.

**Table No.: 49 Information obtained from the main control unit in relation to the third ship load**

| Unit No. 02 | | | | Unit No. 03 | | | |
|---|---|---|---|---|---|---|---|
| **Date and Time** | **Coal burning per hour M.T** | **Capacity in megawatts** | **Kg per kWh** | **Date and Time** | **Coal burning per hour M.T** | **Capacity in megawatts** | **Kg per kWh** |
| 1/20/2026 09.07.02 PM | 117.617 | 299.081 | 0.393 | 1/20/2026 01.47.26 PM | 70.179 | 180.895 | 0.388 |
| 1/20/2026 09.41.36 PM | 116.024 | 291.061 | 0.399 | 1/20/2026 06.28.53 PM | 115.291 | 295.208 | 0.391 |
| 1/20/2026 10.22.34 PM | 119.358 | 287.82 | 0.415 | 1/20/2026 07.19.24 PM | 116.628 | 295.016 | 0.395 |
| 1/20/2026 10.41.16 PM | 117.031 | 285.54 | 0.410 | 1/20/2026 09.07.39 PM | 117.045 | 284.304 | 0.412 |
| 1/21/2026 03.39.54 AM | 117.127 | 275.048 | 0.426 | 1/20/2026 11.03.07 PM | 116.884 | 279.196 | 0.419 |
| 1/21/2026 3.00.23 PM | 101.165 | 221.16 | 0.457 | 1/21/2026 12.58.35 AM | 117.887 | 275.543 | 0.428 |
| 1/21/2026 4.33.53 PM | 115.227 | 261.7 | 0.440 | | | | |
| 1/21/2026 4.47.55 PM | 116.99 | 264.639 | 0.442 | | | | |

The quantities of coal burned to obtain 1 kilowatt hour of the coal stock unloaded from the third ship are given in the table above.

Furthermore, according to the daily power system report prepared by the System Control Division of the Transmission Division for the above dates (January 20 to 21), the capacity that each unit of

the power plant operated at a capacity of about 270 megawatts during the night peak hours (after deducting auxiliary power consumption) and the relevant notes are shown in the table below.

**Table No. : 50 The capacities available to the power grid from each unit of the power plant during the night peak period - (January 20th to 21st)**

| Date | Unit | Capacity available to the power grid (MW) | Capacity operated during night peak hours (MW) | Note |
|---|---|---|---|---|
| 2026/01/20 | 01 | 270 | 250 | NP Availability was 250MW/Restricted Mill operation |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 265 | - |
| 2026/01/21 | 01 | 270 | 240 | NP Availability was 240MW due to coal quality issue |
| | 02 | | 239 | NP Availability was 239 MW due to coal quality issue |
| | 03 | | 236 | NP Availability was 236 MW due to coal quality issue |

**(e) Identification of potential losses due to excessive consumption of coal**

As mentioned above, the Lakvijaya Power Plant had confirmed that the average consumption rate of approximately 13,803 metric tons filled in the bunkers was about 444 grams per kilowatt hour and that the plant could have been operated with an average capacity of about 261 megawatts based on the time each unit had been operating using this coal. Using these values, the loss caused by the excessive consumption of new imported coal can be identified as follows **(Annexure 87).**

**Table No. 51 Overconsumption and estimated loss in imported new coal stock**

| Mt of coal burned per hour at a capacity of 261 MW (standard average value) | Mt of coal burned per hour at a capacity of 261 MW (average value) | Mt of additional coal burned per hour | Number of days in which the total coal stock can be used at a capacity of 261 MW | Total additional coal burned in Mt of coal | Unit cost of metric ton of coal Rupees | Estimated loss due to overconsumption of coal<br><br>Rs. Million |
|---|---|---|---|---|---|---|
| 97.78 | 115.65 | 17.87 | 19.5 | 8,379.95 | 37,072 | 310.7 |

**(f) Estimated amount of energy to be supplied additionally from another source in case of not being able to meet the full capacity**

As mentioned above, if the capacity that can be operated by the power plant using this coal stock is about 261 MW, and if the remaining energy requirement of 28 MW has to be met from another source, the estimated amount of energy to be supplied additionally under the 02 scenarios mentioned in paragraph (5.5.5.2.3 c) above is shown in the table below.

**Table No. 52 Estimated amount of energy to be supplied additionally from another source**

| Number of days in which the total coal stock can be used at a capacity of 261 MW | Energy required to be met from another source at a capacity of 39 MW (kWh) | |
|---|---|---|
| | 01 st Option | 2 nd Option |
| 19.5 | 18,406,723 | 12,271,148 |

N.B- The estimated amount of additional energy to be supplied from another source is indicated in the table above and may vary depending on the actual operational capacity of the power plant and the resulting energy shortage.

**iv. Inspection of Standards in the Fourth Shipment - (Shipment No. 459/25-26/15)**

(a) As per Tables 24, 28, 29, 32 above, 4 parameters had exceeded the standard values mentioned in the agreement, and the total fine recoverable from the fourth shipment was calculated by Lakvijaya Power Plant as Rs. 107.07 million as follows.

**Table No. 53: Penalty recoverable due to exceeding the standard values of parameter**

| Number | Parameter | Variation | Penalty Amount USD |
|---|---|---|---|
| 1 | Gross Calorific Value | (6150 – 6107) = 43 | 46,075.38 |
| 2 | Sulphur | (0.52 - 0.5) = 0.02 | 4,217.50 |
| 3 | Ash | (15.01 – 11) = 4.01 | 169,121.94 |
| 4 | Grain Size Less than 02 mm | (24.89 - 22.5) = 2.39 | 125,997.96 |
| **Total** | | | **345,412.78** |
| **Rupees Value** | | | **107,077,962.87** |

(b) It was confirmed from the information obtained from the Fuel Handling (Operations) Division of the Lakvijaya Power Plant that approximately 10,454 metric tons of coal from the coal stock unloaded during the period from 26 January 2026 to 31 January 2026 were loaded into the snow bunkers of 03 units in two batches from 10:00 PM on 26 January 2026 to 8:15 PM on 27 January 2026**. (Annexure 86)** Accordingly, the details of the quantities of coal consumed for the electricity generated per day by operating all 03 units at this time are shown in the table below.

**Table No. 54 Details of the amount of coal consumed for the electricity generated per day with all 03 units in operation**

| Date | Unit No 01 | | | | | Unit No 02 | | | | | Unit No 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gross electrical energy generated (MWh) | Auxiliary power consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) | Gross electrical energy generated (MWh) | Auxiliary power consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) | Gross electrical energy generated (MWh) | Auxiliary power consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) |
| 1/27/2026 | 6,582.49 | 665.89 | 2,663.69 | - | 0.405 | 6,396.13 | 613.33 | 2,441.88 | - | 0.382 | 6,413.97 | 620.67 | 2,447.45 | - | 0.382 |
| 1/28/2026 | 6,652.39 | 665.10 | 2,702.83 | - | 0.406 | 6,520.28 | 646.73 | 2,470.80 | - | 0.379 | 6,422.40 | 621.37 | 2,455.32 | 320.19 | 0.382 |

(c) The following table shows the specific cases identified in relation to the coal stock consumption rates on the above dates as per the log book maintained by the operating officers of the main control unit of the power plant in relation to each unit**.**

**Table No. :55 Specific cases identified as per the log book maintained by the power plant in relation to each unit**

| **Unit 03** | | **Unit 02** | | **Unit 01** | |
|---|---|---|---|---|---|
| **Date and Time** | **Note** | **Date and Time** | **Note** | **Date and Time** | **Note** |
| 2026/01/27 07.20 AM | A coal rate of over 116 tons per hour was observed. Capacity reduction by 2 MW to adjust the coal rate to 115 tons per hour as per the instructions of the Chief Engineer of SIC. | 2026/01/27 01.59 PM | The System Control Division has requested the total capacity. The System Control Division has been informed that the maximum capacity available due to new South African coal is 290 MW. | 2026/01/27 07.10 AM | A coal rate of over 120 tons per hour was observed. As per the instructions of the Chief Engineer of SIC, capacity has been reduced to 290 MW to adjust the coal rate to 115 tons per hour. |
| 2026/01/28 04.53 AM | Coal rate has been reduced to 116 tons per hour, maintaining capacity at 293 MW. | 2026/01/27 10.40 PM | Total capacity has been reduced by 01 MW due to coal rate exceeding 116 tons per hour. | 2026/01/27 03.43 PM | Maximum capacity has been reached at 298 MW with a coal rate of 14.4 MPa and 117 tons per hour. Coal has been loaded from the 15th cargo. |
| 2026/01/28 06.01 AM | Further reduction of capacity to 285 MW to maintain coal rate at 116 tons per hour. | 2026/01/28 00.19 AM | Operation of the unit at a capacity of 300 MW at a coal rate of 116 tons per hour. | 2026/01/27 08.15 PM | The capacity of the unit has been reduced from 285 MW to 280 MW. |
| | | 2026/01/28 04.05 AM | Reduction of capacity to 296 MW due to coal rate exceeding 116 tons per hour. | | |
| | | 2026/01/28 05.06 AM | Capacity reduced to 293 MW due to coal | | |

| | | | |
|---|---|---|---|
| | | rate reaching 116 tons per hour. System Control Division informed. | |
| | 2026/01/28 05.30 AM | Capacity reduced to 290 MW due to coal rate exceeding 116 tons per hour. | |
| | 2026/01/28 05.56 AM | Capacity reduced to 288 MW due to coal rate exceeding 116 tons per hour. | |
| | 2026/01/28 07.27 AM | Capacity reduced to 286 MW due to coal rate reaching 116 tons per hour. | |

(d) The following table shows some of the information shown in the system diagrams of the main control unit which provide evidence in relation to the above logbook entries.

**Table No. 56 Information obtained from the main control unit in relation to the fourth ship load**

| **Unit No 01** | | | | **Unit No 02** | | | | **Unit No 03** | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Date and Time** | **Coal burned per hour M.T** | **Capacity megawatts** | **Kg per kWh** | **Date and Time** | **Coal burned per hour M.T** | **Capacity megawatts** | **Kg per kWh** | **Date and Time** | **Coal burned per hour M.T** | **Capacity megawatts** | **Kg per kWh** |
| 1/27/2026 06.55.10 AM | 98.447 | 240.084 | 0.410 | 1/28/2026 02.38.04 AM | 119.279 | 300.070 | 0.398 | 1/28/2026 04.08.47 AM | 116.944 | 298.092 | 0.392 |
| 1/27/2026 07.30.36 AM | 98.437 | 240.084 | 0.410 | 1/28/2026 07.37.42 AM | 117.763 | 282.244 | 0.417 | 1/28/2026 06.00.12 AM | 117.882 | 292.242 | 0.403 |
| | | | | | | | | 1/28/2026 02.06.03 PM | 69.703 | 179.247 | 0.389 |

Furthermore, according to the Power System Report prepared daily by the System Control Division of the Transmission Division on 27 January 2026, the capacity of each unit of the power plant during the night peak hours (after deducting auxiliary power consumption) or about 270 MW, the capacity of each unit operated and the relevant notes are shown in the table below.

**Table No.: 57 The capacities available to the power grid from each unit of the power plant during the night peak period - 27 January 2026**

| Date | Unit | Capacity available to the power grid (MW) | Capacity operated during night peak hours (MW) | Note |
|---|---|---|---|---|
| 2026/01/27 | 01 | 270 | 256 | Restricted mill operation /NP availability 256 MW |
| | 02 | 270 | 271 | - |
| | 03 | 270 | 269 | - |

**(e) Identification of the possible loss due to excessive consumption of coal**

The Lakvijaya Power Plant had confirmed that about 401 grams per kilowatt hour of this coal stock is required and that the power plant can be operated with an average load capacity of about 290 megawatts based on the time each unit has been operating using this coal. Using these values, the loss caused by the excessive consumption of new imported coal can be identified as follows. **(Annexure 87)**

**Table No. 58 Losses due to overconsumption of new imported coal**

| Mt of coal burned per hour at a capacity of 290 MW (standard average value) | Mt of coal burned per hour at a capacity of 290 MW (average value) | Mt of additional coal burned per hour | Number of days in which the total coal stock can be used at a capacity of 290 MW | Total additional coal burned in Mt Cost per metric ton of coal | Cost of one metric ton of coal Rs. | Estimated loss due to overconsumption of coal Rs. Million |
|---|---|---|---|---|---|---|
| 108.78 | 116.45 | 7.67 | 21.9 | 4,036.87 | 38,621 | 155.9 |

**(f) Estimated amount of energy to be supplied additionally from another source in case full capacity cannot be achieved**

As mentioned above, if the capacity of the power plant using this coal is about 290 megawatts, and the remaining energy requirement of 10 megawatts has to be met from another source, the estimated amount of energy to be supplied additionally under the 02 cases mentioned in paragraph (5.5.4.2.3 c) above is shown in the table below.

**Table No.: 59 Estimated amount of energy to be supplied additionally from another source**

| Number of days in which the total coal stock can be used at a capacity of 290 MW | Energy required to be achieved from another source at a capacity of 10 MW (kWh) | |
|---|---|---|
| | 01 st Option | 02 nd Option |
| 21.9 | 5,219,636 | 3,479,758 |

NB - The estimated amount of additional energy to be supplied from another source is mentioned in the above table and may vary depending on the actual operational capacity of the plant and the resulting energy shortage.

**v. Checking the standards during the fifth shipment - (Shipment No. 460/25-26/16)**

(a) As per Tables 24, 26, 28, 29, 32 above, 5 parameters had exceeded the standard values mentioned in the agreement and accordingly, the total fine recoverable from the fifth shipment was calculated by Lakvijaya Power Plant as Rs. 155 million.

**Table No. 60 Calculation of penalties as per the agreement**

| **Number** | Parameter | Variation | Penalty Amount USS |
|---|---|---|---|
| 1 | Gross Calorific Value | (6150 – 5951) = 199 | 188,143.18 |
| 2 | Volatile Matter | (25 - 24.00) = 1.00 | 18,606.32 |
| 3 | Sulphur | (0.58 - 0.5) = 0.08 | 14,885.06 |
| 4 | Ash | (15.68 – 11) = 4.68 | 174,155.16 |
| 5 | Grain Size Less than 02 mm | (24.74 - 22.5) = 2.24 | 104,195.39 |
| **Total** | | | **499,985.10** |
| **Rupees Value** | | | **154,995,382.31** |

(b) The above coal cargo was unloaded between 01 February 2026 and 04 February 2026. As a part of the coal cargo is also loaded directly into bunkers during the unloading process, it was observed from the information obtained from the Fuel Handling (Operations) Division of the Lakvijaya Power Plant that a part of this coal cargo (approximately 5,218 metric tons) was loaded into the bunkers of Unit No. 01 and 03 from 9.35 PM on 01 February 2026 to 00.25 AM on 03 February 2026 **(Annexure 86).** Accordingly, the details of the amount of coal consumed for the electricity generated per day by the operation of Units No. 01 and 03 from 02 February 2026 to 03 February 2026 are shown in the table below.

**Table No: 61 Amount of coal consumed for electricity generated per day by the operation of Units No. 01 and 03 - from 02 February 2026 to 03 February 2026**

| Date | Unit No. 01 | | | | | Unit No 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Gross electrical energy generated (MWh) | Auxiliary power consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) | Gross electrical energy generated (MWh) | Auxiliary power consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) |
| 2-2-2026 | 6,891.49 | 674.59 | 2,677.73 | - | 0.389 | 6,875.42 | 639.84 | 2,600.52 | - | 0.378 |
| 2-3-2026 | 6,864.76 | 637.10 | 2,672.26 | 196.35 | 0.389 | 6,830.36 | 640.84 | 2,617.75 | - | 0.383 |

(c) The following table shows the specific cases mentioned in relation to the coal stock consumption rates on the above dates as per the log book maintained by the operating officers of the main control unit of the power plant in relation to each unit.

**Table No. : 62 Specific cases mentioned in relation to the coal stock consumption rates on the above dates as per the log book**

| Unit 03 | |
|---|---|
| Date and Time | Note |
| 2026/02/02<br>03.12 PM | Capacity reduced to 295 MW due to high coal rate. |
| 2026/02/02<br>04.47 PM | Capacity reduced to 290 MW due to high coal rate (118 tons per hour). |
| 2026/02/02<br>06.42 PM | Capacity reduced to 285 MW due to high coal rate (117 tons per hour). |

| | |
|---|---|
| 2026/02/02<br>09.15 PM | Coal feeding to the unit was adjusted to manual operation and the coal rate was adjusted to 115 tons per hour. The unit was operated up to 300 MW. But later, the capacity was reduced to 290 MW due to pressure drop to 13.6 Mpa. |
| 2026/02/03<br>02.41 PM | The unit was operated up to full capacity due to high coal ratio but the capacity was stopped at 285 MW. |
| **Unit 01** | |
| 2026/02/03<br>03.18 PM | Unable to operate below 300 MW due to coal ratio of 117 tons per hour. The unit has been operated up to 280 MW. |

(d) Furthermore, according to the Power System Report prepared daily by the System Control Division of the Transmission Division for the above dates (02 February 2026), the capacity available to the power system from each unit of the power plant during the night peak period (after deducting auxiliary power consumption), i.e. the capacity at which Unit 03 operated at a capacity of about 270 MW and the relevant notes are shown in the table below.

**Table No.: 63 Capacities available to the power system from each unit of the power plant during the night peak period – 02 February 2026**

| Date | Unit | Capacity available to the power grid (MW) | Capacity operated during night peak hours (MW) | Note |
|---|---|---|---|---|
| 2026/02/02 | 03 | 270 | 258 | NP Avaialability was 258 MW |

**(e) Identification of potential losses due to excessive consumption of coal**

The Lakvijaya Power Plant had confirmed that the average consumption rate of the coal stocks (approximately 5,218 metric tons) loaded into the bunkers of Unit No. 01 and 03 (as per the information submitted by the Fuel Handling Operations Division of the Power Plant) from 09.35 PM on 01 February 2026 to 0.25 AM on 03 February 2026 is about 410 grams per kilowatt hour and that the power plant can be operated with an average capacity of about 284 megawatts using this coal. Using these values, the losses due to excessive consumption of new imported coal can be identified as follows **(Annexure 87).**

**Table No. : 64 Overconsumption and calculated losses in imported new coal stocks**

| Coal burned per hour in metric tons at a capacity of 284 MW (standard average value) | Coal burned per hour in metric tons at a capacity of 284 MW (average value) | Coal burned additionally per hour in metric tons | Number of days in which the total coal stock can be used at a capacity of 284 MW | Total coal burned additionally in metric tons | Cost of one metric ton of coal | Estimated loss due to overconsumption of coal<br><br>Rs. Million |
|---|---|---|---|---|---|---|
| 106.49 | 116.48 | 9.99 | 19.3 | 4,635.65 | 38,638 | 179.1 |

(h) Estimated amount of additional energy to be supplied from another source in case of failure to meet full capacity

As mentioned above, if the capacity of the power plant using this coal is about 284 megawatts, the remaining energy requirement of 16 megawatts has to be met from another source. The estimated amount of additional energy to be supplied under the 02 cases mentioned in paragraph (5.5.4.2.3 c) above is shown in the table below.

**Table No. : 65 Estimated amount of additional energy to be supplied from another source**

| Number of days in which the total coal stock can be used at a capacity of 284 MW | Energy required to be met from another source at a capacity of 16 MW (kWh) | |
|---|---|---|
| | 01 st Option | 02 nd Option |
| 19.3 | 7,438,768 | 4,959,179 |

NB - The estimated amount of energy to be supplied additionally from another source is mentioned in the table above and may vary depending on the actual operational capacity of the power plant and the resulting energy shortage.

**vi. Inspection of Standards in the Sixth Shipment - (Shipment No. 461/25-26/17)**

(a) As per Table No. 24, 26, 28,29, 32 above, 5 parameters had exceeded the standard values mentioned in the agreement and accordingly, the total penalty recoverable from the sixth shipment was calculated by Lakvijaya Power Plant as Rs. 158.2 million.

**Table No. : 66 Total penalties recoverable**

| Number | Parameter | Variation | Penalty Amount USD |
|---|---|---|---|
| 1 | Gross Calorific Value | (6150 – 5967) = 183 | 189,333.20 |
| 2 | Volatile Matter | (25 - 24.42) = 0.58 | 11,809.43 |
| 3 | Sulphur | (0.54 - 0.5) = 0.04 | 8,144.43 |
| 4 | Ash | (15.69 – 11) = 4.69 | 190,986.92 |
| 5 | Grain Size Less than 02 mm | (24.66 - 22.5) = 2.16 | 109,949.83 |
| **Total** | | | **510,223.80** |
| **Rupees Value** | | | **158,169,378.96** |

(b) The above coal cargo was unloaded between 05 February 2026 and 09 February 2026. Since during the unloading of coal, a part of it is also directly loaded into bunkers, it was observed from the information obtained from the Fuel Handling (Operations) Division of the Lakvijaya Power Plant that a part of this coal cargo (approximately 5,231 metric tons) was loaded into the bunkers of Units No. 01 and 03 from 05.38 PM on 05 February 2026 to 11.15 AM on 06 February 2026 **(Annexure 86.** Accordingly, the details of the quantities of coal consumed for the electricity generated per day by the operation of Units No. 01 and 03 on 06 February 2026 are shown in the table below.

**Table No. : 67 Amount of coal consumed for electricity generated per day by the operation of Units No. 01 and 03 - 06 February 2026**

| Date | Unit No. 01 | | | | | Unit No. 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Gross electrical energy generated (MWh) | Auxiliary power consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) | Gross electrical energy generated (MWh) | Auxiliary power consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) |
| 2-6-2026 | 6,420.23 | 640.83 | 2,783.98 | - | 0.434 | 6,698.54 | 635.09 | 2,721.17 | - | 0.406 |

(c) The specific cases mentioned in the log book maintained by the operating officers of the main control unit of the power plant in relation to the coal stock consumption rates on the above dates are shown in the table below.

**Table No. : 68 Coal Stock Consumption Rates as per Log Book**

**From 05th February 2026 to 09th February 2026**

| Unit 3 | |
|---|---|
| **Date and Time** | **Note** |
| 2026/02/06 01.25 AM | Reduction of the capacity of the unit by 02 MW. (To 298 MW) |

| | |
|---|---|
| 2026/02/06 04.28 AM | Reduction of the capacity of the unit to 295 MW to maintain the coal flow rate. |
| 2026/02/06 04.53 AM | Reduction of the capacity of the unit to 290 MW to maintain the coal flow rate (117 tons per hour). |
| 2026/02/06 07.54 AM | Unit capacity reduced to 285 MW to maintain coal flow rate (118 tons per hour). |
| 2026/02/06 09.33 AM | Unit capacity reduced to 280 MW due to coal flow rate exceeding 118 tons per hour with the agreement of the System Control Division. |
| 2026/02/06 11.50 AM | Unit can only be operated at a capacity of 275 MW due to high coal flow rate (over 115 tons per hour). |
| 2026/02/06 05.23PM | The capacity of the unit has been reduced to 270 MW as the coal rate cannot be maintained at a value of about 115 tons per hour at the current capacity of 275 MW from South African coal. |
| 2026/02/06 05.33 PM | The System Control Division has requested to increase the capacity as much as possible, but due to the limitations of the coal flow, the capacity cannot be increased. |

(d) According to the Power System Report prepared daily by the System Control Division of the Transmission Division for the above date (February 06), the capacity of Units 01 and 03 operating during the night peak hours (after deducting auxiliary power consumption) or about 270 MW, out of the capacity available to the power system from each unit of the power plant, and the relevant notes, is shown in the table below.

**Table No. : 69 Capacities available to the power grid from each unit of the power plant during the night peak period - 06 February 2026**

| Date | Unit | Capacity available to the power system (MW) | Capacity available during the night peak period (MW) | Note |
|---|---|---|---|---|
| 2026/02/06 | 01 | 270 | 233 | Restricted mill operation / NP availability was 233MW |
| | 03 | 270 | 241 | NP availability was 241MW |

**(e)** Identification of potential losses due to excessive consumption of coal

The Lakvijaya Power Plant had confirmed that the average consumption rate of the coal stocks (approximately 5,231 metric tons) loaded into the bunkers of Unit No. 01 and 03 (as per the information submitted by the Fuel Handling Operations Division of the Power Plant) from 5.38 PM on 05 February 2026 to 11.15 AM on 06 February 2026 is about 432 grams per kilowatt hour and

that the power plant can be operated with an average capacity of about 268 MW using this coal. Using these values, the loss due to excessive consumption of new imported coal can be identified as follows **(Annexure 87).**

**Table No. 70 Overconsumption and estimated loss of imported new coal stock**

| Mt of coal burned per hour at a capacity of 268 MW (standard average value) | Mt of coal burned per hour at a capacity of 268 MW (average value) | Mt of additional coal burned per hour | Number of days in which the total coal stock can be used at a capacity of 268 MW | Total additional coal burned in mt | Cost of one metric ton of coal | Estimated loss due to excessive consumption of coal Rs. Million |
|---|---|---|---|---|---|---|
| 100.44 | 115.57 | 15.13 | 21.3 | 7748.50 | 38,594 | 299 |

(g) The estimated amount of energy to be supplied additionally from another source in case the full capacity cannot be met

As mentioned above, if the capacity that the power plant can operate using this coal is about 268 megawatts, and the remaining energy requirement of 32 megawatts is met from another source, the estimated amount of energy to be supplied additionally under the 02 cases mentioned in paragraph (5.5.4.2.3 c) above is shown in the table below.

**Table No.: 71 Estimated amount of energy to be supplied additionally from another source**

| Number of days in which the total coal stock can be used at a capacity of 268 MW | Energy required to be met from another source at a capacity of 32 MW (kWh) | |
|---|---|---|
| | 01 st Option | 2 nd Option |
| 21.31 | 16,470,219 | 10,980,146 |

NB - The estimated amount of additional energy to be supplied from another source is mentioned in the above table and may vary depending on the actual operational capacity of the plant and the resulting energy shortage.

**vii. Inspection of standards during the seventh shipment - (Shipment No. 462/25-26/18)**

(a) As per Tables No. 24, 26, 28, 29, 32 above, 5 parameters exceeded the standard values mentioned in the agreement and accordingly, the total penalty recoverable from the seventh shipment was calculated by Lakvijaya Power Plant as Rs. 134.5 million.

**Table No. : 72 Total Penalty recoverable**

| Number | Parameter | Variation | Penalty Amount USD |
|---|---|---|---|
| 1 | Gross Calorific Value | (6150 – 5973) = 177 | 173,324.76 |
| 2 | Volatile Matter | (25 - 24.79) = 0.21 | 4,046.99 |
| 3 | Sulphur | (0.61 - 0.5) = 0.11 | 21,198.50 |
| 4 | Ash | (15.72 – 11) = 4.72 | 181,921.66 |
| 5 | Grain Size Less than 02 mm | (23.61 - 22.5) = 1.11 | 53,478.03 |
| **Total** | | | **433,969.94** |
| **Rupees Valu** | | | **134,530,680.84** |

(b) As the above coal cargo was unloaded from 10th February 2026 and a part of it was also loaded directly into the bunkers, it was observed from the information obtained from the Fuel Handling (Operations) Division of the Lakvijaya Power Plant that a part of this coal cargo (approximately 4,076 metric tons) was loaded into the bunkers of Units No. 01 and 03 from 5.10 PM on 10th February 2026 to 5.50 AM on 11th February 2026. **(Annexure 86)** Accordingly, the details of the quantities of coal consumed for the electricity generated per day by the operation of Units No. 01 and 03 on 11th February 2026 are shown in the table below.

**Table No. 73 Amount of coal consumed for electricity generated per day by the operation of Unit No. 01 and 03 - 11th February 2026 `**

| Date | Unit No. 01 | | | | Unit No 03 | | | |
|---|---|---|---|---|---|---|---|---|
| | **Gross electrical energy generated (MWh)** | **Tons of coal consumed** | **Fuel (diesel) consumed in metric tons** | **Kg per kWh (daily average)** | **Gross electrical energy generated (MWh)** | **Tons of coal consumed** | **Fuel (diesel) consumed in metric tons** | **Kg per kWh (daily average)** |
| 11/2/2026 | 6371.72 | 2717.95 | - | 0.427 | 6138.42 | 2541.89 | - | 0.414 |

(c) Accordingly, the specific cases mentioned in relation to the coal stock consumption rates on the above dates as per the log book maintained by the operating officers of the main control unit of the power plant in relation to each unit are shown in the table below.

**Table No.: 74 Specific cases mentioned in relation to the coal stock consumption rates on the above dates as per the log book**

| Unit 03 | |
|---|---|
| Date and Time | Note |
| 2026/02/10 11.56 P.M. | Reduction of the capacity of the unit to 295 MW due to high coal rate (more than 115 tons per hour) with the agreement of the System Control Division. |
| 2026/02/11 01.16 A.M. | Reduction of the capacity of the unit to 290 MW due to high coal rate (more than 116 tons per hour). |
| 2026/02/11 01.36 A.M. | Unit capacity reduced to 285 MW due to high coal rate (more than 116 tons per hour). |
| 2026/02/11 02.36 A.M. | Unit capacity reduced to 280 MW due to high coal rate (more than 116 tons per hour). |
| 2026/02/11 04.00PM | Unit capacity could not be increased to 280 MW due to high coal consumption (more than 115 tons per hour). |
| 2026/02/11 07.00PM | Unit capacity stopped at 285 MW due to coal rate more than 115 tons per hour. |

(d) According to the Power System Report prepared daily by the System Control Division of the Transmission Division for the above date (February 11), the capacity available to the power system from each unit of the power plant during the night peak period (after deducting auxiliary power consumption) or about 270 MW, the capacity of units 01 and 03 operated and the relevant notes are shown in the table below.

**Table No.: 75 Capacities available to the power system from each unit of the power plant during the night peak period - February 11, 2026**

| **Date** | Unit | Capacity available to the power system (MW) | Capacity available during the night peak period (MW) | Note |
|---|---|---|---|---|
| 2026/02/11 | 01 | 270 | 239 | Restricted mill operation/ NP availability was 239MW |
| | 03 | 270 | 253 | NP availability was 253MW |

**(e)** Identification of potential losses due to excessive consumption of coal

Lakvijaya Power Plant had confirmed that the average consumption rate of coal stocks (approximately 4,076 metric tons) loaded into the bunkers of Unit No. 01 and 03 (as per information submitted by the Fuel Handling Operations Division of the power plant) from 5.10 PM on February 10, 2026 to 5.50 AM on February 11, 2026 is about 423 grams per kilowatt hour and that the power plant can be operated with an average load capacity of about 274 megawatts using this coal. Using these values, the loss caused by the excessive consumption of new imported coal can be identified as follows.

**Table No.: 76 Overconsumption and estimated loss of imported new coal stock**

| Mt of coal burned per hour at a capacity of 274 MW (standard average value) | Mt of coal burned per hour at a capacity of 274 MW (average value) | Mt of additional coal burned per hour | Number of days in which the total coal stock can be used at a capacity of 274 MW | Total additional coal burned Mt | Unit cost of metric ton Rs. | Estimated loss due to excess consumption of coal Rs. Million |
|---|---|---|---|---|---|---|
| 102.70 | 115.84 | 13.14 | 20.1 | 6,354.29 | 38,664 | 245.7 |

(f) Estimated amount of additional energy to be supplied from another source in case full capacity cannot be achieved

As mentioned above, if the capacity of the power plant using this coal is about 274 MW, and the remaining energy requirement of 26 MW has to be met from another source, the estimated amount of additional energy to be supplied under the 02 cases mentioned in paragraph (5.5.4.2.3 c) above is shown in the table below.

**Table No. 77 Estimated amount of additional energy to be supplied from another source**

| Number of days in which the total coal stock can be used at a capacity of 274 MW | Energy required to be met from another source at a capacity of 26 MW (kWh) | |
|---|---|---|
| | 01 st Option | 2 nd Option |
| 20.1 | 12,638,469 | 9,478,852 |

NB - The estimated amount of additional energy to be provided from another source is mentioned in the above table and may vary depending on the actual operational capacity of the power plant and the resulting energy shortage.

**viii. Inspection of standards during the eighth shipment - (Shipping consignment no. 463/25-26/19)**

(a) As per Table No. 24, 26, 28, 29, 32 above, 5 parameters had exceeded the standard values mentioned in the agreement and accordingly, the total fine recoverable from the eighth cargo was calculated by Lakvijaya Power Plant as Rs. 168.8 million.

**Table No. 78 Total penalties recoverable**

| Number | Parameter | Variation | Penalty Amount USD |
|---|---|---|---|
| 1 | Gross Calorific Value | (6150 – 5964) = 186 | 196,161.96 |
| 2 | Volatile Matter | (25 - 24.87) = 0.13 | 2,698.18 |
| 3 | Sulphur | (0.64 - 0.5) = 0.14 | 29,057.28 |
| 4 | Ash | (15.68 – 11) = 4.68 | 194,268.68 |
| 5 | Grain Size Less Than 02 mm | (24.86 - 22.5) = 2.36 | 122,455.69 |
| **Total** | | | **544,641.78** |
| **Rupees value** | | | **168,838,953.03** |

(b) The above coal cargo had been unloaded since 15th February 2026 and since a part of it is also directly loaded into bunkers during the unloading of coal cargoes, it was observed from the information obtained from the Fuel Handling (Operations) Division of the Lakvijaya Power Plant that a part of this coal cargo (approximately 5,318 metric tons) was loaded into the bunkers of Unit No. 01 and 03 from 9.10 p.m. on 15th February 2026 to 5.37 p.m. on 16th February 2026. (Annexure 86) Accordingly, the details of the quantities of coal consumed for the electricity generated per day by the operation of Unit No. 01 and 03 on 16th February 2026 are shown in the table below.

**Table No. 79 Amount of coal consumed for the electricity generated per day by the operation of Unit No. 01 and 03**

**16 February 2026**

| Date | Unit No 01 | | | | Unit No 03 | | | |
|---|---|---|---|---|---|---|---|---|
| | **Gross electrical energy generated (MWh)** | **Tons of coal consumed** | **Fuel (diesel) consumed in metric tons** | **Kg per kWh (daily average)** | **Gross electrical energy generated (MWh)** | **Tons of coal consumed** | **Fuel (diesel) consumed in metric tons** | **Kg per kWh (daily average)** |
| 16-2-2026 | 6288.52 | 2592.74 | - | 0.412 | 5821.87 | 2352.05 | - | 0.404 |

(c) The specific cases mentioned in the log book maintained by the operating officers of the main control unit of the power plant in relation to the coal stock consumption rates on the above dates are given in the table below.

**Table No. 80 Coal Stock Consumption Rates as per Log Book**

**16 February 2026**

| Unit 01 | |
|---|---|
| **Date and Time** | **Note** |
| 2026/02/16 01.53 PM | The system control section has requested a capacity of 300 MW, but since South African coal is available in bunkers, a maximum capacity of 265 MW can be allowed. |

(d) Furthermore, as per the Power System Report prepared daily by the System Control Division of the Transmission Division for the above date (February 16), the capacity available to the power system from each unit of the power plant during the night peak period (after deducting auxiliary power consumption) i.e. about 270 MW, the capacity of Units 01 and 03 and the relevant notes are shown in the table below.

**Table No.: 81 Capacities available to the power system from each unit of the power plant during the night peak period - February 16, 2026**

| Date | Unit | Capacity available to the power grid (MW) | Capacity operated during night peak hours (MW) | Note |
|---|---|---|---|---|
| 2026/02/16 | 01 | 270 | 231 | The capacity available during night peak hours was 231 MW. /The operation of the grinding units was limited. |
| | 03 | 270 | 237 | The capacity available during the night peak period was 231 MW./ CW intake blockage |

(f) Identification of potential losses due to excessive coal consumption

The average consumption rate of coal stocks (approximately 5,318 metric tons) loaded into the bunkers of Unit No. 01 and 03 (as per the information submitted by the Fuel Handling Operations Division of the power plant) from 9.10 PM on 15 February 2026 to 5.37 PM on 16 February 2026 is about 451 grams per kilowatt hour and the power plant can be

operated with an average capacity of about 257 MW using this coal. Using these values, the loss due to excessive consumption of new imported coal can be identified as follows**. (Annexure 87)**

**Table No. : 82 Overconsumption and estimated loss in imported new coal stock**

| Mt of coal burned per hour at a capacity of 257 MW (standard average value) | Mt of coal burned per hour at a capacity of 257 MW (average value) | Mt of additional coal burned per hour | Number of days in which the total coal stock can be used at a capacity of 257 MW | Total additional coal burned in MT | Cost of one metric ton of coal | Estimated loss due to excessive consumption of coal Rs. Million |
|---|---|---|---|---|---|---|
| 96.21 | 115.67 | 19.46 | 21.7 | 10,150.04 | 38,672 | 392.5 |

(g) Identifying the potential loss due to not being able to achieve full capacity

As mentioned above, if the capacity of the power plant using this coal is about 257 MW, the remaining energy requirement of 43 MW will have to be met from another source. If this remaining energy requirement has to be met from the high-cost Kelanitissa Combined Cycle Power Plant 02, the losses that may occur under the 02 scenarios mentioned in paragraph (5.5.4.2.3 c) above are shown in the table below.

**Table No. 83 Possible losses if additional energy needs have to be met from another source**

| Number of days in which the total coal stock can be used at a capacity of 287 MW | Energy required to be met from another source at a capacity of 13 MW (kWh) | |
|---|---|---|
| | 01 st Option | 2 nd Option |
| 21.7 | 22,658,492 | 15,105,661 |

N.B. - The estimated amount of additional energy to be supplied from another source is mentioned in the above table and may vary depending on the actual capacity of the plant and the energy shortage that arises accordingly.

**ix. Standard Inspection in New Shipment - (Shipment No. 464/25-26/20)**

(a) As per Table No. 24, 26, 28,29, 32 above, 5 parameters exceeded the standard values mentioned in the agreement and out of which 2 parameters namely Gross Calorific Value and Ash were within the rejected values. Accordingly, the total penalty recoverable from the ninth shipment was calculated by Lakvijaya Power Plant as Rs. 678.5 million.

**Table No. : 84 Total Penalty recoverable**

| Number | Parameter | Variation | Penalty USD |
|---|---|---|---|
| 1 | Gross Calorific Value | (6150 – 5543) = 607 | 1,151,274 |
| 2 | Volatile Matter | (25 - 24.21) = 0.79 | 16,422 |
| 3 | Sulphur | (0.69 - 0.5) = 0.19 | 39,497 |
| 4 | Ash | (22.46 - 11) = 11.46 | 839,768 |
| 5 | Grain Size Less Than 02 mm | (25.23 - 22.5) = 2.73 | 141,877 |
| **Total** | | | **2,188,841** |
| **Rupees Value** | | | **678,540,710** |

(b) The above coal cargo was unloaded from 21st February 2026 and since a part of the coal is also loaded directly into the bunkers during the unloading of the coal cargo, a part of this coal cargo (approximately It was observed from the information obtained by the Fuel Handling (Operations) Division of the Lakvijaya Power Plant that coal (approximately 6,750 metric tons) was loaded into the bunkers of Unit No. 01 and 03 from 9.29 PM on 21 February 2026 to 23.45 PM on 22 February 2026 **(Annexure 86).** Accordingly, the details of the quantities of coal consumed for the electricity generated per day by the operation of Unit No. 01 and 03 from 22 February 2026 to 23 February 2026 are shown in the table below.

**Table No. : 85 Amount of coal consumed for electricity generated per day by the operation of Unit No. 01 and 03 - from 22nd February 2026 to 23rd February 2026**

| Date | Unit No 01 | | | | Unit No 03 | | | |
|---|---|---|---|---|---|---|---|---|
| | Gross electrical energy generated (MWh) | Tons of coal consumed | Fuel (diesel) consumed in metric tons | Kg per kWh (daily average) | Gross electrical energy generated (MWh) | Tons of coal consumed | Fuel (diesel) consumed in metric tons | Kg per kWh (daily average) |
| 22-2-2026 | 6080.7 | 2519.98 | 0 | 0.414 | 5431.44 | 2144.88 | 0 | 0.395 |
| 23-2-2026 | 6241.82 | 2767.44 | 0 | 0.443 | 6226.06 | 2616.77 | 0 | 0.420 |

(c) The specific cases mentioned in relation to the coal stock consumption rates on the above dates as per the log book maintained by the operating officers of the main control unit of the power plant are shown in the table below.

**Table No. : 86 According to the logbook, the coal stock consumption rates on the above dates from 22nd February 2026 to 23rd February 2026**

| Unit 03 | | Unit 01 | |
|---|---|---|---|
| Date and Time | Note | Date and Time | Note |
| 2026/02/22 06.16 PM | Unit capacity maintained at 283 MW due to high coal rate (more than 116 tons per hour). | 2026/02/22 03.10 PM | Unit is operating at 240 MW consuming 105 tons per hour of coal. |
| 2026/02/22 06.38 PM | Unit capacity reduced to 275 MW due to high coal rate (more than 118 tons per hour). | | |
| 2026/02/22 07.17 PM | Unit is operating at 280 MW. | | |
| 2026/02/22 08.05PM | Unit capacity reduced to 275 MW due to decrease in main steam pressure. | | |
| 2026/02/22 08.14 PM | Unit capacity reduced to 270 MW due to decrease in main steam pressure. | | |
| 2026/02/23 03.37 PM | Unit capacity reduced to 270 MW due to coal rate reaching 116 tons per hour. | | |

(d) According to the Power System Report prepared daily by the System Control Division of the Transmission Division for the above dates (February 22), the capacity available to the power system from each unit of the power plant during the night peak period (after deducting auxiliary power consumption) i.e. about 270 MW, the capacity of units 01 and 03 operated and the relevant notes are shown in the table below.

**Table No.: 87 Capacities available to the power system from each unit of the power plant during the night peak period - 22 February 2026**

| **Date** | Unit | Capacity available to the power system (MW) | | Capacity available during the night peak period (MW) | **Note** |
|---|---|---|---|---|---|
| 2026/02/22 | 01 | 270 | | 232 | Restricted mill operation / NP availability was 232MW. |
| | 03 | 270 | | 245 | NP availability was 245MW. |

(f) Identification of potential losses due to excessive consumption of coal

The average consumption rate of the coal stocks (approximately 6,750 metric tons) loaded into the bunkers of Unit No. 01 and 03 (as per the information submitted by the Fuel Handling Operations Division of the power plant) from 9.29 PM on 21 February 2026 to 11.45 PM on 22 February 2026 is about 452 grams per kilowatt hour and the power plant can be operated with an average capacity of about 260 MW using this coal. Using these values, the loss due to excessive consumption of new imported coal can be identified as follows.

**Table No. 88: Overconsumption and estimated loss in imported new coal stock**

| Mt of coal burned per hour at a capacity of 260 MW (standard average value) | Mt of coal burned per hour at a capacity of 260 MW (average value) | Mt of additional coal burned per hour | Number of days in which the total coal stock can be used at a capacity of 260 MW | Total additional coal burned in MT | Cost of one metric ton of coal | Estimated loss due to excessive consumption of coal Rs. Million |
|---|---|---|---|---|---|---|
| 97.38 | 117.36 | 19.97 | 21.5 | 10,281.34 | 38,578 | 396.6 |

(g) Estimated amount of energy to be supplied additionally from another source in case of not being able to meet the full capacity

As mentioned above, if the capacity that the power plant can operate using this coal is about 260 megawatts, and if the remaining energy requirement of 40 megawatts has to be met from another source, the estimated amount of energy to be supplied additionally under the 02 cases mentioned in paragraph (5.5.4.2.3 c) above is shown in the table below.

**Table No.: 89 Estimated amount of energy to be supplied additionally from another source**

| Number of days in which the total coal stock can be used at a capacity of 260 MW | Energy required to be met from another source at a capacity of 40 MW (kWh) | |
|---|---|---|
| | 01 st Option | 2 nd Option |
| 21.5 | 20,751,869 | 13,834,580 |

NB - The estimated amount of additional energy to be supplied from another source is mentioned in the above table and may vary depending on the actual operational capacity of the plant and the resulting energy shortage.

**5.5.5.2.4** As of 10.40 PM on 01 March 2026 (as per the information provided by the Fuel Handling Operations Division of the plant), the loading of the imported stocks by the previous supplier into the bunkers had been completed and from that date onwards, new imported coal is being loaded into the bunkers. According to the power system reports prepared daily by the System Control Division of the Transmission Division, the capacity available to the power system from each unit of the power plant during the night peak hours on the days when electricity was generated using newly imported coal stocks from 02 March 2026, i.e., about 270 MW (after deducting auxiliary power consumption), the capacity of each unit operated and the relevant notes are shown in the table below.

**Table No.: 90 Capacities available to the power system from each unit of the power plant during the night peak hours - 02 March 2026 to 16 March 2026**

| **Date** | **Unit** | Capacity available to the power grid (MW) | Capacity operated during night peak hours (MW) | Note |
|---|---|---|---|---|
| 2026/03/02 | 01 | 270 | 270 | Restricted mill operation |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 269 | - |
| 2026/03/03 | 01 | 270 | 270 | Restricted mill operation |
| | 02 | 270 | 271 | - |
| | 03 | 270 | 270 | - |
| 2026/03/04 | 01 | 270 | 225 | Restricted mill operation / NP availability was 225MW. |
| | 02 | 270 | 255 | NP availability was 255MW. |
| | 03 | 270 | 247 | Clogging of two coal mills / NP availability was 247MW |
| 2026/03/05 | 01 | 270 | 230 | Restricted mill operation / NP availability was 230MW. |
| | 02 | 270 | 233 | NP availability was 233MW. |
| | 03 | 270 | 159 | Inspection after clogging of coal mills / NP availability was 159MW. |
| 2026/03/06 | 01 | 270 | 226 | Stator water cooling system maintenance / NP availability was 226MW. |
| | 02 | 270 | 205 | NP availability was 205MW. |

| | | | | |
|---|---|---|---|---|
| | 03 | 270 | 194 | Inspection after clogging of coal mills / NP availability was 194MW. |
| 2026/03/07 | 01 | 270 | 0 | Stator water cooling system maintenance |
| | 02 | 270 | 262 | NP availability was 262MW. |
| | 03 | 270 | 240 | NP availability was 240MW. |
| 2026/03/08 | 01 | 270 | 0 | NP availability was 0MW/ Restricted mill operation. |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 245 | NP availability was 245MW. |
| 2026/03/09 | 01 | 270 | 251 | Restricted mill operation/NP availability was 251MW. |
| | 02 | 270 | 269 | - |
| | 03 | 270 | 260 | NP availability was 260MW. |
| 2026/03/10 | 01 | 270 | 257 | Restricted mill operation/NP availability was 257MW. |
| | 02 | 270 | 271 | - |
| | 03 | 270 | 263 | NP availability was 263MW. |
| 2026/03/11 | 01 | 270 | 253 | Restricted mill operation/NP availability was 253MW. |
| | 02 | 270 | 269 | NP availability was 269MW. |
| | 03 | 270 | 266 | NP availability was 266MW. |
| 2026/03/12 | 01 | 270 | 252 | Restricted mill operation/NP availability was 252MW. |
| | 02 | 270 | 256 | NP availability was 256MW. |
| | 03 | 270 | 251 | NP availability was 251MW. |
| 2026/03/13 | 01 | 270 | 219 | Restricted mill operation/NP availability was 219MW. |
| | 02 | 270 | 231 | NP availability was 231MW. |
| | 03 | 270 | 230 | NP availability was 230MW. |
| 2026/03/14 | 01 | 270 | 217 | Restricted mill operation/NP availability was 217MW. |
| | 02 | 270 | 228 | NP availability was 228MW. |
| | 03 | 270 | 230 | NP availability was 230MW. |
| 2026/03/15 | 01 | 270 | 216 | Restricted mill operation / NP availability was 216MW |

| | | | | |
|---|---|---|---|---|
| | 02 | 270 | 230 | NP availability was 230MW |
| | 03 | 270 | 232 | NP availability was 232MW |
| 2026/03/16 | 01 | 270 | 214 | Restricted mill operation / NP availability was 214MW |
| | 02 | 270 | 226 | NP availability was 226MW |
| | 03 | 270 | 222 | NP availability was 222MW |

### 5.5.5.2.5 Current performance of coal stocks imported by the previous supplier

(a) The coal imported from the new supplier was unloaded from 01 January 2026 and while unloading the coal stocks, a part of the coal was directly loaded into the bunkers and electricity was generated from the coal on certain days as mentioned above from 02 January 2026 and during this period, electricity was also generated on certain days using the coal stocks imported by the previous supplier. The information on the consumption rate of coal on the days when electricity was generated using the coal stocks imported by the previous supplier during the month of January 2026 is shown in the table below. **(Annexure 86)**

**Table : 91 Coal consumption rate on days when electricity was generated using coal stocks imported by the previous supplier during the month of January 2026**

| Date | Unit No 01 | | | | | Unit No 02 | | | | | Unit No 03 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gross electrical energy generated (MWh) | Auxiliary electricity consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) | Gross electrical energy generated (MWh) | Auxiliary electricity consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) | Gross electrical energy generated (MWh) | Auxiliary electricity consumption (MWh) | Tons of coal consumed | Fuel (diesel) consumed in liters | Kg per kWh (daily average) |
| 1/1/2026 | - | 51.07 | - | - | - | - | 34.05 | - | - | - | 7,120.89 | 635.94 | 2,587.75 | - | 0.363 |
| 1/10/2026 | - | 109.29 | - | - | - | - | 89.41 | - | 55,160.70 | - | 7,075.21 | 647.41 | 2,563.82 | - | 0.362 |
| 1/11/2026 | - | 171.27 | - | - | - | 173.23 | 86.92 | 102.19 | 188,623.41 | 0.59 | 6,453.53 | 630.76 | 2,352.48 | - | 0.365 |
| 1/12/2026 | - | 111.92 | - | - | - | 4,959.78 | 407.73 | 1,874.90 | 46,748.33 | 0.378 | 7,105.49 | 653.24 | 2,482.37 | - | 0.349 |
| 1/13/2026 | - | 60.54 | - | - | - | 7,074.17 | 555.99 | 2,512.78 | - | 0.355 | 7,011.99 | 652.89 | 2,526.07 | 727.71 | 0.36 |
| 1/14/2026 | - | 63.66 | - | - | - | 6,914.41 | 550.74 | 2,502.79 | - | 0.362 | 6,821.48 | 643.13 | 2,515.54 | - | 0.369 |
| 1/15/2026 | - | 56.2 | - | - | - | 6,065.26 | 517.51 | 2,212.54 | 16,620.98 | 0.365 | 6,264.65 | 616.47 | 2,334.10 | - | 0.373 |
| 1/16/2026 | - | 54.1 | - | - | - | 6,442.13 | 550.13 | 2,369.50 | - | 0.368 | 6,491.60 | 622.48 | 2,440.75 | - | 0.376 |
| 1/17/2026 | - | 85.14 | - | - | - | 6,572.05 | 561.17 | 2,378.83 | - | 0.362 | 6,424.08 | 623.8 | 2,377.61 | - | 0.37 |
| 1/18/2026 | - | 142.84 | - | 5,676.17 | - | 6,086.40 | 540.68 | 2,274.50 | 5,064.89 | 0.374 | 6,318.19 | 619.77 | 2,341.80 | - | 0.371 |
| 1/19/2026 | 3,790.57 | 430.51 | 1,473.94 | 78,476.65 | 0.389 | 6,645.12 | 564.12 | 2,428.54 | - | 0.365 | 6,572.73 | 621.4 | 2,424.36 | - | 0.369 |
| 1/22/2026 | 6,563.98 | 662.77 | 2,582.93 | - | 0.394 | 6,291.83 | 575.63 | 2,350.68 | - | 0.374 | 6,286.50 | 606.3 | 2,358.79 | - | 0.375 |
| 1/23/2026 | 6,774.94 | 676.57 | 2,535.84 | - | 0.374 | 6,450.25 | 572.8 | 2,286.65 | - | 0.355 | 6,387.28 | 614.9 | 2,282.47 | - | 0.357 |
| 1/24/2026 | 6,765.00 | 679.63 | 2,580.55 | - | 0.381 | 6,437.64 | 569.32 | 2,320.22 | - | 0.36 | 6,393.76 | 622.06 | 2,311.99 | - | 0.362 |
| 1/25/2026 | 6,636.94 | 666.94 | 2,561.64 | - | 0.386 | 6,208.64 | 572.39 | 2,266.08 | 145.34 | 0.365 | 6,185.31 | 604.86 | 2,266.46 | - | 0.366 |
| 1/26/2026 | 6,639.01 | 674.49 | 2,553.82 | 2,969.07 | 0.385 | 6,601.76 | 600.04 | 2,380.70 | 58.22 | 0.361 | 6,493.96 | 635.04 | 2,377.75 | - | 0.366 |
| 1/29/2026 | 6,766.29 | 668.79 | 2,566.73 | - | 0.379 | 6,431.82 | 640.24 | 2,304.46 | - | 0.358 | 6,416.32 | 622.65 | 2,316.55 | - | 0.361 |
| 1/30/2026 | 7,102.36 | 692.2 | 2,680.18 | - | 0.377 | 7,068.20 | 675.73 | 2,503.32 | - | 0.354 | 7,094.17 | 655.57 | 2,491.58 | - | 0.351 |
| 1/31/2026 | 6,780.13 | 669.65 | 2,559.48 | - | 0.377 | 6,473.50 | 647.27 | 2,318.23 | - | 0.358 | 6,405.01 | 620.71 | 2,302.82 | - | 0.36 |

(b) Similarly, according to the power system reports prepared daily by the System Control Division of the Transmission Division, the capacity of each unit of the power plant (after deducting auxiliary power consumption) that can be supplied to the power system from each unit during the night peak hours during the days when electricity was generated using coal stocks imported by the previous supplier during the month of January 2026, i.e., about 270 megawatts, is shown in the table below, along with the relevant notes.

**Table No. 92: Capacity available to the electricity grid from each unit of the power plant during the night peak period (using coal stocks imported from the previous supplier in January 2026)**

| Date | Unit | Capacity available to the power grid (Megawatts) | Capacity operated during night peak hours (MW) | Note |
|---|---|---|---|---|
| 2026/01/01 | 03 | 270 | 275 | - |
| 2026/01/09 | 03 | 270 | 266 | - |
| 2026/01/10 | 03 | 270 | 267 | - |
| 2026/01/11 | 03 | 270 | 269 | - |
| 2026/01/12 | 02 | 270 | 276 | - |
| | 03 | 270 | 269 | - |
| 2026/01/13 | 02 | 270 | 276 | - |
| | 03 | 270 | 269 | - |
| 2026/01/14 | 02 | 270 | 275 | - |
| | 03 | 270 | 270 | - |
| 2026/01/15 | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/16 | 02 | 270 | 274 | - |
| | 03 | 270 | 270 | - |
| 2026/01/17 | 02 | 270 | 281 | - |
| | 03 | 270 | 270 | - |
| 2026/01/18 | 02 | 270 | 272 | - |
| | 03 | 270 | 269 | - |
| 2026/01/19 | 01 | 270 | 270 | - |
| | 02 | 270 | 275 | - |
| | 03 | 270 | 269 | - |
| 2026/01/22 | 01 | 270 | 268 | - |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/23 | 01 | 270 | 268 | - |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/24 | 01 | 270 | 268 | Restricted mill operation |
| | 02 | 270 | 276 | - |
| | 03 | 270 | 269 | - |
| 2026/01/25 | 01 | 270 | 269 | Restricted mill operation |

| | | | | |
|---|---|---|---|---|
| | 02 | 270 | 274 | - |
| | 03 | 270 | 269 | - |
| 2026/01/26 | 01 | 270 | 269 | Restricted mill operation |
| | 02 | 270 | 274 | - |
| | 03 | 270 | 270 | - |
| 2026/01/28 | 01 | 270 | 268 | Restricted mill operation |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 270 | - |
| 2026/01/29 | 01 | 270 | 269 | Restricted mill operation |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 269 | - |
| 2026/01/30 | 01 | 270 | 269 | Restricted mill operation |
| | 02 | 270 | 270 | - |
| | 03 | 270 | 270 | - |
| 2026/01/31 | 01 | 270 | 270 | Restricted mill operation |
| | 02 | 270 | 272 | - |
| | 03 | 270 | 270 | - |

(c) According to the log book maintained by Unit No. 02, on 01 February 2026, the maintenance team was unable to rectify the malfunction of the desuperheating valve and therefore the Electrical Superintendent of CCR was instructed to load only Russian coal. Accordingly, only Russian coal was loaded from 01 February 2026 to 10.40 PM on 01 March 2026. The coal consumption rates during that period are shown in the table below and those rates were lower than the normal coal consumption rate of 375 grams of coal. **(Annexure 86)**

**Table No: 93 Coal consumption rates from February 1, 2026 to March 1, 2026 when only Russian coal is loaded**

| Date | Unit No 02 | | | |
|---|---|---|---|---|
| | **Gross electrical energy generated (MWh)** | **Tons of coal consumed** | **Fuel consumed (diesel) kg per m.t.** | **kWh (daily average)** |
| 01.02.2026 | 6,351.85 | 2,259.02 | - | 0.356 |
| 02.02.2026 | 6,956.76 | 2,494.13 | - | 0.359 |
| 03.02.2026 | 6,922.43 | 2,459.45 | - | 0.355 |
| 04.02.2026 | 6,218.79 | 2,265.98 | - | 0.364 |
| 05.02.2026 | 6,758.57 | 2,443.46 | 291.09 (Liter) | 0.362 |
| 06.02.2026 | 7,194.20 | 2,493.22 | - | 0.347 |
| 07.02.2026 | 6,849.05 | 2,409.96 | - | 0.352 |

| | | | | |
|---|---|---|---|---|
| 08.02.2026 | 6,124.99 | 2,200.27 | - | 0.359 |
| 09.02.2026 | 6,531.08 | 2,297.21 | - | 0.352 |
| 10.02.2026 | 6505.63 | 2276.74 | - | 0.350 |
| 11.02.2026 | 6515.25 | 2266.22 | - | 0.348 |
| 12.02.2026 | 6915.99 | 2434.8 | - | 0.352 |
| 13.02.2026 | 6765.68 | 2365.51 | - | 0.350 |
| 14.02.2026 | 7141.55 | 2520.05 | - | 0.353 |
| 15.02.2026 | 6591.19 | 2306.33 | - | 0.350 |
| 16.02.2026 | 6538.71 | 2285.45 | - | 0.350 |
| 17.02.2026 | 7190.56 | 2495.23 | - | 0.347 |
| 18.02.2026 | 7232.81 | 2509.27 | - | 0.347 |
| 19.02.2026 | 6990.22 | 2438.81 | - | 0.349 |
| 20.02.2026 | 7140.36 | 2461.46 | - | 0.345 |
| 21.02.2026 | 7145.54 | 2486.38 | - | 0.348 |
| 22.02.2026 | 5959.34 | 2116.51 | - | 0.355 |
| 23.02.2026 | 6579.71 | 2343.26 | - | 0.356 |
| 24.02.2026 | 6754.36 | 2382.82 | - | 0.353 |
| 25.02.2026 | 6556.48 | 2314.15 | 0.12 | 0.353 |
| 26.02.2026 | 6663.42 | 2341.87 | - | 0.351 |
| 27.02.2026 | 6638.82 | 2388.65 | - | 0.360 |
| 28.02.2026 | 6519.7 | 2346.53 | - | 0.360 |
| 01.03.2026 | 6272.83 | 2282.81 | - | 0.364 |

## 6. Observations

### 6.1 Submission of Bid Documents

6.1.1 Although the invitation to bids dated 18 August 2025 stated that in accordance with paragraph 5.4.3.2.2 (xii) above, bids for the supply of coal for the period 2025/2026 would be invited from registered suppliers, that bid documents would be sent to registered suppliers for reference on the same day via email, and that arrangements would be made to send bid documents to registered suppliers by courier service on 20 August 2025, as shown in Table 05 above, it was observed that the Lanka Coal Company had taken steps to send bid documents to Trident Chemphar Limited, which failed to pay the full registration fee and confirm its registration by the time the bid invitation notice was published on 18 August 2025, and PANACAPE TRADING DMC, which paid and confirmed its registration on 19 August 2025, as registered suppliers, by e-mail on 18 August 2025 and by courier service on 19 August 2025.

6.1.2 Furthermore, as shown in Table No. 06 above, the Coal Company had issued a receipt on 22 August 2025 certifying that Trident Chemphar Limited, which was selected for this procurement, had paid the full registration fee of US$ 5,000 and accordingly, it was observed that the registration of this supplier had been completed on that date.

6.1.3 Accordingly, it was observed during the audit that Trident Chemphar Limited, which was awarded the contract to supply 1.5 million MT of coal to the Lakvijaya Power Plant for the period 2025/2026, was a supplier that had not registered with the company by paying the registration fee as prescribed by the company on 18 August 2025, or the date of calling for bids. It was observed during the audit that despite the selection of qualified suppliers, including this supplier, through a very lengthy evaluation process and the importance of paying the registration fee in a very competitive environment as indicated in 5.4.3.2.1 (vi) above, it was observed that an opportunity was given to a supplier who failed to pay the registration fee and complete the registration as prescribed. Furthermore, the audit observed that the principle of fairness, which is a procurement principle, has been violated by not providing this opportunity to other suppliers who were able to apply to register to supply coal.

### 6.2 Inspection of the quality of coal purchased by Lanka Coal Company

6.2.1 The capacity provided by the Control Unit of the power plant had not reached the full capacity level as per the 12 coal ship loads landed in Sri Lanka as at 11 March 2026 in the import of 1.5 ± 10% MT of coal from Trident Chemphar Limited, an Indian company, for the period 2025/2026. It was observed that Lanka Coal Company had not taken steps to use the opportunity to appoint another independent inspector acceptable to the buyer and the seller in accordance with paragraph 5.5.1.1.1 (iii) above, while the quality of the coal load had been challenged in the parliamentary subcommittees and in the society. Furthermore, it was observed during the audit that despite the seller agreeing to facilitate two authorized representatives of the buyer to monitor the sampling and analysis process at the port of loading on a random basis, approximately once every five shipments, the Lanka Coal Company has not taken steps to conduct such inspections of the coal cargoes in question and rectify any quality issues with the relevant supplies.

6.2.2 In addition, it was observed during the audit that the Company had not utilized the opportunity provided to rectify the existing situation by utilizing the opportunity to test the second sample (Umpire Sample) mentioned in paragraph 5.5.1.1.1 (ii) above with the assistance of the seller.

6.2.3 As per paragraph 5.5.5.2 (iii) above, the General Manager of Lanka Coal Company Limited had agreed to entrust the coal quality testing to PT Mitra SK Analisa Testama Samarinda (Indonesia) by letter sent to the Director of Trident Champhar Limited on 23 December 2025. Although the said quality inspection had been assigned to the said Indonesian company, it was observed that the coal inspection reports at the loading port in respect of all the 12 cargoes landed as on 22 March 2026 were issued by Mitra SK South Africa (Pty) Ltd, which was assigned the responsibility for another task mentioned in 5.5.5.2. (iv) (a) above. Accordingly, no coal inspection reports signed by PT Mitra SK Analisa Testama Samarinda (Indonesia) were observed during the audit. However, it was observed that Mitra SK South Africa (Pty) Ltd, which had signed and issued the coal test reports at the loading port, did not have accreditation to test coal samples to the required standards.

6.2.4 Further, as per clause 3.4.3 (a) of the agreement, the acceptance or rejection of the cargo by the Buyer is based on the inspection reports at the port of loading, and as per clause 5.5.5.2 (iii) above, the reasons for agreeing to obtain the inspection reports at the port of loading from PT Mitra SK Analisa Testama Samarinda (Indonesia) based on the final commitment from Cotecna, India, the inspector at the time of unloading, were not revealed during the audit.

Furthermore, although the accreditation license of PT Mitra SK Analisa Testama Samarinda (Indonesia), which has been agreed to conduct coal inspection at the above port of loading, had expired on 29 December 2025, the said license had not been renewed and submitted to Lanka Coal Company even by 31 March 2026.

6.2.5 Mitra SK South Africa (Pty) Ltd, an independent inspector appointed by the Seller as mentioned in paragraph 5.5.5.2 (i) above, had certified that most of the parameters of the coal brought in by 09 ships imported into Sri Lanka did not comply with the prescribed standard (standard values) at the loading port, but were not at the level of rejection. Furthermore, Cotecna Inspection India (Pvt) Ltd had certified that most of the parameters of the coal brought in by 08 ships (excluding the first and ninth ships) out of the 10 imported ships did not comply with the prescribed standard (standard values) at the unloading port, but were not at the level of rejection. However, according to the information contained in the main system of the Lakvijaya Power Plant, it is not possible to generate electricity at the expected capacity from this coal stock, and the audit cannot agree to the quality assurance based solely on these independent reports, as the opportunities provided to the buyer in paragraph 5.5.1.1.1(ii) (iii) above have not been utilized.

### 6.3 Supplier Registration Criteria

6.3.1 As per the agreement entered into with the supplier, the standard gross calorific value (GCV) of the coal stocks to be used for the Lakvijaya Power Plant was 6,150 kcal/kg as per Table 12 above. However, in incorporating the criteria for registering suppliers for the supply of coal to Sri Lanka, it was observed that out of the 500,000 Metric Tons supplied in the last 36 months as per paragraph 5.4.3.2.1 (iii) above, 100,000 Metric Tons were included as having a rejected level of 5,900 kcal/kg

or more, thereby allowing suppliers with experience in supplying coal at or near the rejected level of GCV to supply coal to this power plant.

6.3.2 Accordingly, the supplier selected to supply coal for the period 2025/2026, Trident Chemphar Limited, as shown in Table 04 above, had the highest Gross Calorific Value (GCV) of the coal stocks supplied prior to this supply in the range of 5900 kcal/kg to 6000 kcal/kg and the quantity was 291,840 Metric Tons. Furthermore, it was observed that out of the 1,871,771 Metric Tons of coal supplied, 1,579,931 Metric Tons had a Gross Calorific Value (GCV) between 4,900 kcal/kg and 5,900 kcal/kg.

6.3.3 As per Table No. 25 above, during the 2025/2026 season, when examining the records obtained at the port of discharge of 09 coal ship loads supplied by this company, it was further observed by the audit that the gross calorific value of the coal stocks supplied was not at any time higher than the Gross Calorific Value (GCV) of 6,150 kcal/kg or more as mentioned in Table No. 13 above, which was the standard level identified as suitable for this power plant.

6.3.4 Furthermore, it was observed that apart from Trident Chemphar Limited, the supplier selected for this procurement, Taranjot Resource (pvt) Ltd., a supplier registered in the year 2023 and quoted for the period 2025/2026, had also taken values below the rejected level of Gross Calorific Value (GCV) of 5,900 kcal/kg in the same quantity of coal supplied during the 36-month period considered for supplier registration, as per paragraph 5.4.3.2.1 (v) above.

6.3.5 Furthermore, PT Fawad Trading & Construction, which was granted registration in 2023, had not submitted information on the stocks of coal supplied with a Gross Calorific Value (GCV) of 5,900 kcal/k or above. Accordingly, the audit observed that the Technical Evaluation Committee had recommended the registration of companies that failed to meet the relevant criteria as suppliers and the Procurement Committee had approved it.

6.3.6 As mentioned in paragraph 5.4.3.2.1 (ii) above, when considering the criteria for registration of a supplier up to the year 2023, a supplier applying for registration should have experience of supplying at least 1,000,000 MT of coal in the last 36 months. It was mentioned that at least 500,000 MT of this should have a Gross Calorific Value (GCV) of 5,900 kcal/kg or more. However, in the subsequent year, this criterion was relaxed to an unacceptable level of 100,000 MT of coal in the last 36 months, with a Gross Calorific Value (GCV) of 5,900 kcal/kg or more. However, the audit did not observe whether the responsible party had acted after a reasonable analysis based on legal and technical advice when making such a relaxation.

6.3.7 In the advertisement for the registration of suppliers to supply coal to the Lakvijaya Power Plant, as per paragraph 5.4.3.2.1 (ii) above, one of the criteria that the suppliers eligible for such registration should have met was that some of the total quantity of coal supplied during the three years preceding the registration should have a Gross Calorific Value (GCV) of 5,900 kcal/k or higher. However, as mentioned in paragraph 5.5.3.1 above, it was observed that there was a contradiction in the documents regarding the quality of the coal stocks to be supplied by the suppliers to the power plant, as the Gross Calorific Value (GCV) of the coal stocks to be supplied by the relevant suppliers was stated as 6,100 kcal/k (commensurate with the capacity of the power plant).

6.3.8 By registering suppliers for the Lakvijaya Power Plant for a one-time registration of 03 years, it was no longer possible to verify whether the supplier was a qualified supplier since key criteria such as the supplier's financial viability and experience in supplying coal for the past 03 years were not re-evaluated annually and the buyer did not conduct an up-to-date check of the supplier's pre-qualification (if the supplier was blacklisted or otherwise bankrupted).

**6.4 Obtaining the Attorney General's Consent**

Furthermore, it was observed that although, the Attorney General's Department's consent for the draft agreement prepared to be signed with Trident Chemphar Limited, the company selected to supply coal for the period 2025/2026, was received on 20 November 2025 as per paragraph 5.4.3.2.2 (xxv) above, prior to that date, or on 19 November 2025, arrangements had been made to enter into a contract with the supplier before the Attorney General's consent was granted.

**6.5 Impact of non-standard coal**

6.5.1 It was observed that the total estimated loss due to overconsumption, when the quantity of coal required to generate 1 kilowatt hour of electricity using coal supplied by Trident Chemphar Limited for the 2025/2026 season, was 375 grams as per paragraph 5.5.5.2.3 above, was Rs. 2,237.7 million as per the audit calculation.

**Table No. 94 Estimated losses due to overconsumption of coal**

| Table No. | Shipment number | Potential losses from excessive coal consumption amount Rs. million |
|---|---|---|
| 38 | 456 | 163.5 |
| 44 | 457 | 94.6 |
| 51 | 458 | 310.7 |
| 58 | 459 | 155.9 |
| 64 | 460 | 179.1 |
| 70 | 461 | 299.0 |
| 76 | 462 | 245.7 |
| 82 | 463 | 392.5 |
| 88 | 464 | 396.6 |
| **Total** | | **2,237.7** |

6.5.2 Furthermore, if it is not possible to obtain the full capacity, or 300 MW, from the relevant coal, and additional energy has to be supplied from an alternative source, as mentioned in paragraph 5.5.4.2.3 (c) above, the audit calculated the estimated amount of additional energy to be supplied under two alternative scenarios. Out of which, according to Option 01 (when it is assumed that full capacity is required for 24 hours a day), the estimated amount of additional energy to be supplied as shown in the table below is 114,531,131 kWh and according to Option 02 (when it is assumed that the system control unit requests electricity from the power plant at full capacity for 16 hours a day), the estimated amount of additional energy to be supplied as shown in the table below is 76,354,087 kWh.

**Table No. 95 Estimated additional energy to be supplied if additional energy has to be supplied from another source**

| Table No. | Shipment number | Estimated additional energy to be supplied in case of not being able to achieve full capacity<br>kWh | |
|---|---|---|---|
| | | 01 st Option (When the plant has to be operated 24 hours a day) | 02 nd Option (When the power plant has to be operated for 16 hours daily) |
| 39 | 456 | 6,727,148 | 4,484,765 |
| 45 | 457 | 4,219,806 | 2,813,204 |
| 52 | 458 | 18,406,723 | 12,271,148 |
| 59 | 459 | 5,219,636 | 3,479,758 |
| 65 | 460 | 7,438,768 | 4,959,179 |
| 71 | 461 | 16,470,219 | 10,980,146 |
| 77 | 462 | 12,638,469 | 8,425,646 |
| 83 | 463 | 22,658,492 | 15,105,661 |
| 89 | 464 | 20,751,869 | 13,834,580 |
| **Total** | | **114,531,131** | **76,354,087** |

6.5.3 Even though, the specifications of the newly imported coal that has been unloaded do not meet the standard values of the Lanka Coal Company, when the coal does not fall within the coal rejection values of the Lanka Coal Company (as mentioned in Table No. 14) and when the specifications of the newly imported coal that has been unloaded do fall within the coal rejection values of the Lanka Coal Company (as mentioned in Table No. 15), the collection of penalty is done as per the agreement, and accordingly, it was observed that the penalty that can be recovered from the supplier as mentioned in the table below is Rs. 2,332.5 million.

**Table No. 96: Penalties that may be levied on the supplier for non-compliance with the parameters**

| Table No | Shipment number | The amount of penalty that can be recovered Rs. million. |
|---|---|---|
| 34 | 456 | 644.7 |
| 40 | 457 | 135.3 |
| 46 | 458 | 150.4 |
| 53 | 459 | 107.1 |
| 60 | 460 | 155.0 |
| 66 | 461 | 158.2 |
| 72 | 462 | 134.5 |
| 78 | 463 | 168.8 |
| 84 | 464 | 678.5 |
| **Total** | | **2,332.5** |

## 6.6 Receiving coal cargoes within the planned period

6.6.1 The 2025/2026 procurement was scheduled from 15 September 2025 to April 2026, the last shipment of coal to be delivered under the Coal Supply Agreement for the year 2024/2025 was scheduled to arrive on 13 November 2025, and the cancellation of the procurement initiated for the purchase of additional 225,000 MT of coal (05 shipments) or 10% Plus option quantity under LCC/23/Prop/I mentioned in paragraph 5.4.3.2.2(x) above, has resulted in the failure of Trident Chemphar Limited, the coal supplier for the 2025/2026 season, to plan to procure coal within the period from 13 November 2025 to 22 December 2025, the date on which the first ship was scheduled to be delivered. Furthermore, as indicated above, the procurement process should have commenced from 13 November 2025 to enable the procurement of coal from the 2025/2026 procurement, however, due to the delay in the procurement process, the first ship of the said procurement arrived in Sri Lanka on 30 December 2025, or 07 days late. Furthermore, it was

observed that although 18 shiploads were planned to be received from the 2025/2026 procurement by 20 March 2026, only 12 shiploads had been unloaded.

6.6.2 The audit observed that if coal ships are normally available to Sri Lanka only during the period from September of one calendar year to April of the next calendar year, and if coal stocks are not planned to be brought within a period of 40 days during the months of November/December 2025, which falls within that period, and if coal cannot be brought due to uncontrollable events that may occur in the future, it may adversely affect the uninterrupted supply of electricity.

6.6.3 Accordingly, it was observed that due to the inability to supply these coal stocks on time, an agreement was entered into on 30 March 2026 with Taranjot Resource (pvt) Ltd, which failed to supply coal to the standards expected by the Company and which should have been met prior to registration, as mentioned in paragraph 6.3.4, to purchase 300,000 metric tons ± 10% through Spot Tender at USD 118 per metric ton (FOB).

## 07. Recommendations

7.1 The buyer has been given the option to verify the accuracy of the reports issued by the independent inspector appointed by the seller at the port of loading and to take necessary steps to prevent the entry of substandard coal into the country by utilizing such opportunities as appropriate

**(Reference 6.2.1, 6.2.2)**

7.2 Ensuring that the independent inspector selected by the seller is truly qualified to perform the relevant task.

**(Reference 6.2.3, 6.2.4)**

7.3 Since coal shipments cannot be brought into the country due to adverse weather conditions at a certain time of the year, the procurement process for purchasing coal should be initiated within a sufficient timeframe to ensure that adequate coal stocks can be purchased as per the requirement during the period when the shipments can be brought in, and the procurement process should be maintained within the existing legal framework.

**(Reference 6.6.1, 6.6.2)**

7.4 After the procurement has been awarded to a supplier for a particular year or period, since the failure of that supplier to supply the required coal stocks within the given time frame may have countless social, economic and other impacts due to uncontrollable circumstances that may arise in the future, every possible step should be taken to ensure that the relevant coal stocks are delivered within the planned dates and steps should be taken to establish a systematic methodology that can be followed up regularly.

**(Reference 6.7.1, 6.7.2)**

7.5 Since it is observed that coal suppliers who do not meet the criteria for registering suppliers are also registered, it is necessary to strengthen the internal control arrangements necessary to eliminate the irregularities in the supplier registration system and streamline the registration of suppliers, and to reconsider certain existing non-specific criteria and make the relevant criteria specific after a technical analysis, in order to select the best suppliers.

**(Reference 6.3.4, 6.3.5)**

7.6 Establishing specific criteria throughout the process for registering coal suppliers for the power plant in a manner that maximizes efficiency and ensures that power supply is not disrupted

**(Reference: 6.3.7)**

7.7 Since coal with a standard calorific value of 6150 kcal/kg is used for the Lakvijaya Power Plant, it is stated in the bidding documents that coal of that standard should be supplied when supplying coal. Therefore, when examining the experience of supplying coal to this power plant, steps should be taken to check whether suitable coal has been supplied to the power plant up to an acceptable level, so that the power plant's energy production can be maintained in line with demand, and steps

should be taken to minimize the chances of resorting to expensive energy sources by purchasing suitable coal for the power plant.

**(Reference 6.5.2)**

7.8 Since the total Metric Tons of coal supplied and the gross calorific value of the coal supplied to this power plant during the last 36 months, which are considered in the examination of the experience of the suppliers, are not sufficient to meet the standards required for this power plant, necessary steps should be taken to bring these quantities to an acceptable level based on technical advice and analysis.

**(Reference 6.3.6, 6.3.1)**

7.9 The registration of a supplier registered for the supply of coal is valid for a period of 3 consecutive years and a system for evaluating the effectiveness of such suppliers shall be developed annually.

**(Reference: 6.3.8)**

L.S.I. Jayaratna

Auditor General

02 April 2026

L.S.I. Jayaratna
Auditor General
National Audit Office
306/72, Polduwa Road,
Battaramulla

(01)

ඇමුණුම 01

[redacted]

විසිරුවා හැරීමේ අමාත්‍යාංශයේ ලේකම්

ගල්අතුරු වැලිස් ගිටා සරන තාප බලාගාර සඳහා ගල්අතුරු සැපයීම - හොරොව්වෝල්ලේ, ත්‍රිකුණාමලය, සම්බන්ධයෙන් - "ලංකා ගල්අතුරු සමාගම" නමින් සමාගමක් සංස්ථාපනය කිරීම

(විදුලිබල හා බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2006.04.03 දිනැති සංදේශය)

2006 අප්‍රේල් මස 05 දින පැවැත්වුණු අමාත්‍ය මණ්ඩල රැස්වීමේදී එළඹි තීරණයක් අවශ්‍ය පරිදි සඳහා මේ සමඟ එවා ඇත.

සියාපත්‍යාමි,
අතිරේක ලේකම්.

අ.සෙල්/ඩී.ඩී.පේ.සී.ජ,
අමාත්‍ය මණ්ඩලයේ ලේකම්.

(ඇ) පරිපූරක න්‍යාය පත්‍රයේ විෂයයන්:

52. අමාත්‍ය මණ්ඩල පත්‍රිකා 06/0636/222/019 වූ, "ගල්අතුරු වලින් ගිටා සරන තාප බලාගාර සඳහා ගල්අතුරු සැපයීම - හොරොව්වෝල්ලේ, ත්‍රිකුණාමලය, සම්බන්ධයෙන් - "ලංකා ගල්අතුරු සමාගම" නමින් සමාගමක් සංස්ථාපනය කිරීම" යන මැයෙන් විදුලිබල හා බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2006.04.03 දිනැති සංදේශය - අදාළ සමාගම ආයෝජන මණ්ඩලය යටතේ සංස්ථාගත කරනු ලබන්නේය යන අවබෝධය මත, සංදේශයේ 3 වන ඡේදයේ සඳහන් යෝජනා සඳහා අනුමැතිය දෙන ලදී.

නියා කළයුතු: විදුලිබල හා බලශක්ති අමාත්‍යාංශය

පිටපත: මුදල් හා ශ්‍රමසම්පාදන අමාත්‍යාංශය

S/P GE

(C) Supplementary Agenda Items:

52. Cabinet Paper 06/0636/222/019, a Memorandum dated 03.04.2006 by the Minister of Power and Energy on "Procurement of Coal for Coal Fired Thermal Power Plants - Norochcholai, Trincomalee, Hambantota - Incorporation of a Company by the name of "Lanka Coal Company" – approval was granted to the proposals at paragraph 3 of the Memorandum, on the understanding that this Company will be incorporated under the BOI.

Action by: My/Power and Energy
Copied to: My/Finance and Planning

ඇමුණුම 02

My No. LCC/21-22/ST/28/5 02/11/2021

Chairman,
Special Standing Cabinet Appointed Procurement Committee (SSCAPC)
Ministry of Power

**Procurement of 480,000 MT Plus (+) 10%/Minus (–) 2% of Coal at buyer's option in 8 shipments for Lakvijaya Power Plant Puttalam, for the Season 2021 / 2022.**
**Spot Tender (ST- 5 Index Based) No: LCC/21-22/ST/28/5**

**Report No: 02: Additional Report**

**Submission of an additional report as requested by SSCAPC, at the meeting held on 01/11/2021.**

This is Further to the TEC report submitted on 1/11/2022.

a. **Additional Information for API 4, API 6 and Composite Indexes**

TEC has tabulated below the behavior of the API 4, API 6 and Composite indexes during the last coal season and this year as follows. Composite index calculated by using equation in the TEC Report 01.

**Table 01: API 4, API 6 and Composite indexes during June 2019 to Oct 2021**

| Year | Month | Monthly Average Indexes | | | Difference (Composite - API 4 Indexes) |
|---|---|---|---|---|---|
| | | API 4 | API6 | Composit | |
| 2019 | June | 63.15 | 70.61 | 66.88 | 3.73 |
| | July | 65.68 | 73.07 | 69.38 | 3.70 |
| | August | 59.27 | 63.99 | 61.63 | 2.36 |
| | September | 59.57 | 62.78 | 61.18 | 1.61 |
| | October | 67.61 | 64.8 | 66.21 | -1.40 |
| | November | 75.83 | 64.73 | 70.28 | -5.55 |
| | December | 84.03 | 65.02 | 74.53 | -9.50 |
| 2020 | January | 86.22 | 66.57 | 76.40 | -9.82 |
| | February | 82.53 | 66.25 | 74.39 | -8.14 |
| | March | 65.25 | 65.66 | 65.46 | 0.21 |
| | April | 56.71 | 59.99 | 58.35 | 1.64 |
| | May | 52.93 | 50.83 | 51.88 | -1.05 |
| | June | 54.7 | 50.62 | 52.66 | -2.04 |
| | July | 53.43 | 48.11 | 50.77 | -2.66 |
| | August | 55.1 | 47.45 | 51.28 | -3.82 |

| | | | | | |
|---|---|---|---|---|---|
| | September | 57.03 | 49.42 | 53.23 | -3.80 |
| | October | 59.19 | 54.46 | 56.83 | -2.36 |
| | November | 68.97 | 60.01 | 64.49 | -4.48 |
| | December | 90.35 | 77.57 | 83.96 | -6.39 |
| 2021 | January | 90.43 | 85.46 | 87.95 | -2.48 |
| | February | 87.25 | 85.28 | 86.27 | -0.98 |
| | March | 94.73 | 90.52 | 92.63 | -2.10 |
| | April | 93.26 | 90.98 | 92.12 | -1.14 |
| | May | 105.38 | 102.06 | 103.72 | -1.66 |
| | June | 115.43 | 124.94 | 120.19 | 4.76 |
| | July | 122.35 | 144.72 | 133.54 | 11.19 |
| | August | 138.06 | 165.71 | 151.89 | 13.83 |
| | September | 155.81 | 175.22 | 165.52 | 9.71 |
| | October | 210.02 | 221.08 | 215.55 | 5.53 |

Furthermore, according to the Argus / McCloskey's Coal Price Index report released on Friday, October 29, 2021, the weekly price index behavior is as shown below.

**Table 02: Weekly API4, API 6 and Composite Price Indexes Behavior**

| Week ending | API 4 in US $ | API 6 in US $ |
|---|---|---|
| 20 - Aug - 21 | 139.80 | 169.98 |
| 27- Aug- 21 | 141.94 | 170.74 |
| 3- Sep- 21 | 148.63 | 171.08 |
| 10- Sep- 21 | 153.71 | 173.57 |
| 17- Sep- 21 | 158.69 | 175.45 |
| 24- Sep- 21 | 162.20 | 180.78 |
| 1- Oct- 21 | 192.95 | 203.65 |
| 8- Oct- 21 | 229.40 | 229.11 |
| 15- Oct- 21 | 239.78 | 252.72 |
| 22- Oct- 21 | 212.47 | 220.09 |
| 29- Oct- 21 | 175.49 | 199.81 |

**b. Additional Information for Index based coal price calculation**

Since supply of Coal from this proposed Spot Tender (ST-5 index based) would be spread over a period of 4 months, therefore as recommended in TEC report 01 the bidder shall provide CFR based price made up of FOB price and Freight Price separately.

By applying index-based price adjustment formula as explained in TEC Report 01, Item v. Coal price is adjusted.

Example given below further explain the price adjustment formula.

***Example for calculating coal price for shipment arrived in January 2022.***

- *Assumed the bidder offer CFR price as US $ 244 (FOB is US $ 214 + Freight is US $ 30)*
- *API 4 Monthly Index month prior to Bid opening is US $ 210.00 (October)*
- *API 6 Monthly Index month prior to Bid opening is US $ 221.00 (October)*
- *API 4 Monthly Index for December 2021(month prior to BL date) is US $ 218.00*
- *API 6 Monthly Index for December 2021 (month prior to BL date) is US $ 222.00*

*Calculation for composite Index for December*

$$INDEX = \frac{API\ 4 + API\ 6}{2}$$

*Composite Index for December = (218+222)/2 = 220*

*Composite Index for Month Prior to the Bid Opening (October) = (210+221)/2 = 215.50*

***PRICE ADJUSTMENT FORMULA***

$$(FOB)_f = \frac{(INDEX)_n}{(INDEX)_o} \times (FOB)_i$$

$$\frac{214}{215.50} \times 220 = \underline{218.47}$$

***FOB value of the coal delivered in January is US $ 218.47***

Similarly, by applying relevant indexes coal price of the shipments are calculated and the payments are made.

The above additional information is forward to the SSCAPC as requested.

| | TEC | Signature |
|---|---|---|
| 1 | Eng. A. R. Navamani – **Chairman**<br>AGM (Generation)-CEB | |
| 2 | Eng. P.W.M.N.A.B. Wijekoon – Member<br>PPM (LVPP) – CEB | |

| | | |
|---|---|---|
| 3 | Dr. J. G. A. S. Jayasekara – Member<br>Senior Lecture, Department of Mechanical Engineering,<br>University of Moratuwa | |
| 4 | K.L.R.C. Wijayasinghe – Member<br>Director (TT, T & D) – Ministry of Power | |
| 5 | M.F.A. Mubarak – Member<br>Addl. Director General - Dept. of National Planning | |
| 6 | S.N. Fernando – Member<br>AFM (Treasury) / CEB | 3/11 |
| 7 | I. Danthanarayana – Member<br>Asst. GM / CSCL | 03/11/21 |
| 8 | N.B.M.P. Jeewasiri – Member<br>Manager (Stocks, Operations & Terminal Operations) –<br>CPC | |
| 9 | L.H.D.A.W. Namal – Member<br>Actg. General Manager – LCC | |
| 10 | D.A.A.K. Niranjana – Member<br>Civil Engineer (TDE) / CEB | |

CONFIDENTIAL

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மின்சக்தி மற்றும் வலுசக்தி அமைச்சு
MINISTRY OF POWER AND ENERGY

අංක 437, ගාලු පාර, කොළඹ 03.
437, Galle Road, Colombo 03.

| | | | |
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| PE/TEN/SSCAPC/SP/2022/22 | මගේ අංකය Your No | දිනය Date | 18.11.2022 |

Cabinet paper No. - 65/2022/PE

# Cabinet Memorandum

**Procurement of Coal for Norochcholai Lakvijaya Coal Power Plant (LVPP) by calling for proposals from prospective suppliers and Government to Government (G to G) basis with credit facilities considering the urgent and exceptional circumstances.**

## 01. Background

Reference is made to the following Cabinet Memorandum and decisions therein.

I. The Cabinet decision taken by the Cabinet of Ministers at the meeting held on 15.07.2022 in considering the Cabinet Memorandum No CP/22/0960/522/011 dated 01.07.2022 to initiate the procurement process to purchase 4.5 million (±10%) MT of Coal for Norochcholai Lakvijaya Coal Power Plant (LVPP).

II. The Cabinet Memorandum No. 22/1400/621/014-I dated 22.09.2022 seeking approval to call a spot tender with a 180-day credit basis by giving a bidding period of 02 weeks' and a term tender with a 180 day credit basis by following an open international competitive bidding process; and also to allow registered coal suppliers to participate in the tender and shorten the bidding period to 21 days and decision dated 22.09.2022.

III. The Cabinet of Ministers, at its meeting held on 14.11.2022 considered the Cabinet Memorandum No CP/22/0960/522/011 dated 09.11.2022 and granted approval to initiate the procurement of coal for the Norochcholai Lakvijaya Coal Power Plant (LVPP) by calling for proposals from prospective suppliers and government-to government (G to G) basis with long-term credit facilities.

## 02. Present Status

The total annual coal requirement of Lakvijaya Coal Power Plant (LVPP) is 2.25 million MT (±10%) which is fulfilled through a term tender and the balance through spot tenders. Due to the activation of the southwest monsoon, coal unloading at the Puttalam anchorage can only be possible from mid September 2022 to mid-April of the following year for a period of 210 days. During the remaining period of the year coal unloading could not be possible due to the rough sea conditions. Therefore, approximately 36 - 40 shipments from spot and term tenders should be brought to the Puttlam Anchorage within the stipulated time period as mentioned above by meeting the laycan schedule strictly.

03. Recommendations

After considering all the above, the approval of Cabinet Ministers is sought to

I. revise the payment terms from at sight Letter of Credit (LC) to 30% at vessel nomination and 70% before discharge at Puttlam Anchorage due to advancement of the balance 14 shipments of term tender of 2021, to November / December 2022.

II. revise the decision taken by the Cabinet of Ministers, at its meeting held on 14.11.2022 considering the Cabinet Memorandum No CP/22/0960/522/011 dated 09.11.2022 to call for proposals from prospective suppliers and government-to government (G to G) basis with long-term credit facilities by accommodating proposals as indicated in 03 (III) below.

III. call for proposals, by limiting the period allowed to receive proposals to one week, from prospective suppliers (registered / solicited / unsolicited), to consider fresh proposals received from the bidders of previous spot and term tenders and entertaining, government to government (G to G) proposals on a credit basis, and accept different payment methods, i.e., deferred payment/ the Non-Resident Rupee Account (NRRA)/ Escrow/ Sri Lankan Rupee (LKR) or any other payment modalities to increase the competition and aiming to select best possible suppliers who could offer most favorable price and payment terms, by deviating from the procurement guidelines due to the urgent and exceptional situation indicated above.

IV. direct Secretary, Ministry of Foreign Affairs to instruct relevant diplomatic missions to convey this notice to prospective suppliers and publish the notice through websites of foreign missions, and

V. entrust the responsibility to the existing SSCAPC and STEC to evaluate the proposals received from prospective suppliers as indicated in 03 (III) above, and negotiate with the selected suppliers in order to arrive at the best price and payment mechanisms and submit recommendations to the Cabinet of Ministers.

Kanchana Wijesekera (M.P.)
Minister of Power & Energy
18 .11.2022

ඇමුණුම 04


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அமைச்சரவை அலுவலகம்
OFFICE OF THE CABINET OF MINISTERS


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எனது இல.
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22/1872/631/014-VI

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2022-11-21 දින පැවති අමාත්‍ය මණ්ඩල රැස්වීමේ වාර්තාවේ විෂය අංක (38) හි උද්ධෘතයක් පහත දැක්වේ.

විෂය අංක: (38)

අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 22/1872/631/014-VI වූ, "නවීකි කළ සුවිශේෂී කණ්ඩායමක් තැනීල්ලට ගෙන ණය පහසුකම් මත රජයකින්-රජයට පදනම් කරගත් සහ අපේක්ෂිත සැපයුම්කරුවන් වෙත්න් අයෝජනා කැඳවීම මගින් තොරොරුවෙවේලෙකි ලක්ෂ්‍යය තල් අතුරු කැප බලාගාරය සඳහා තල් අතුරු ප්‍රතිස්ථාපනය" යන මැයෙන් විදුලිබල සහ බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2022-11-18 දිනැති සංදේශය - (අමප අංක 22/1811/631/014-IV/විමිකර් මිළිබඳව වූ 2022-11-14 දිනැති අමාත්‍ය මණ්ඩල තීරණයට අදාළව) ඉහත සඳහන් සංදේශය, මුදල්, කර්මික ව්‍යාපෘතිකරණ සහ ජාතික ප්‍රතිපත්ති ඇමතිතුමාගේ නිරීක්ෂණ සහ සංදේශයේ සඳහන් කරුණු සම්බන්ධයෙන් විදුලිබල හා බලශක්ති ඇමතිතුමා විසින් මෙම රැස්වීමෙදී සිදු කරන ලද වැඩිදුර කරුණු පැහැදිලි කිරීම් සමඟ සලකා බලන ලදී, මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, පහත සඳහන් පරිදි අනුමැතිය ලබා දීමට තීරණය කරන ලදී:

(i) සංදේශයේ 03 ඡේදයෙහි සඳහන් (I) සහ (IV) නිර්දේශයන්හි දක්වෙන පරිදි කටයුතු කිරීම සඳහා; සහ

(ii) මුදල්, කර්මික ව්‍යාපෘතිකරණ සහ ජාතික ප්‍රතිපත්ති ඇමතිතුමා විසින් මේ සම්බන්ධයෙන් ඉදිරිපත් කරනු ලැබ ඇති නිර්දේශයන්හි දක්වා ඇති පරිදි අවශ්‍ය සියවර ගැනීමට යටත්ව, සංදේශයේ 03 ඡේදයෙහි සඳහන් (II), (III) සහ (V) නිර්දේශයන්හි දක්වෙන පරිදි කටයුතු කිරීම සඳහා.

තවද, මෙම තීරණය සම්මත කරනු ලැබූ අවස්ථාවේදී, ඒ සඳහා අවශ්‍ය කටයුතු සඳහා අවශ්‍ය බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම සඳහා අධිකාරය ප්‍රධාන ලේකම්තුමා විසින් නියම කරනු ලබන තීරණය කරන ලදී.

→ 2

(11)

-2-

කියා කළ යුතු: වැඩසටහන සහ මූල්‍යකළමණාකාරිත්වය - ඉහත නිරීක්ෂණ සහ මතකට ගන්න.
විගණන කටයුතු අමාත්‍යාංශය - සංදේශයේ පිටපතක් සහ ඉහත නිරීක්ෂණ සහ මතකට ඇත.

පිටපත්: ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් සහ ඉහත නිරීක්ෂණ සහ මතකට ඇත.
නීතිපතිතුමා - සංදේශයේ පිටපතක් සහ ඉහත නිරීක්ෂණ සහ මතකට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් සහ ඉහත නිරීක්ෂණ සහ මතකට ඇත.
මුදල්, ආර්ථික ස්ථායීකරණ සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශය
ශ්‍රී ලංකා මහ බැංකුවේ අධිපති - සංදේශයේ පිටපතක් සහ ඉහත නිරීක්ෂණ සහ මතකට ඇත.

ඩබ්ලිව්.එම්.ඩී. ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්

අමුණුම 05

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

Our Ref: LCC/PROP/22/1

27 December 2022

Ms. Syarifatun
Managing Director
PT. Arista Mitra Jaya
Gedung Thamrin city, Lt.2 Block H 01,
No. 10 Jl, Thamarin Boulevard, Kel, Kebon Melati, Kec.
Tanah Abang, Jakarta Pusat, 10230 Indonesia.

Dear Ms. Syarifatun,

**Sub: Letter of Award to Supply 720,000MT +/- 10% of Coal under the Proposal No LCC/22/PROP/1 to Lakivajaya Coal Fired Power Plant in Puttalam, Sri Lanka for the Season 2022 – 2023.**

In addition to the Letter of Intent issued on 21 December 2022, the Attorney General's Department has given legal clearance for the draft agreement on 27/12/2022. Accordingly, as per the cabinet approval and subsequent direction provided by the Secretary to the Ministry of Power and Energy, Lanka Coal Company (Pvt.) Ltd, hereby accepts the proposal by your company, **M/S. PT. ARISTA MITRA JAYA, Tanah Abang, Jakarta Pusat, 10230 Indonesia** for supplying of 720,000 MT ± 10% of coal at the CIF price of USD 240.00 Per MT (FOB USD 210.00 + Freight and Insurance USD 30.00) for a period of 200 days credit for the total CIF value of USD 240 per MT with zero interests under the payment term of transferable Usance LC (200 days).

1. **Condition of Award**
   The Conditions of Contract and the specifications stipulated by the LCC together with subsequent letters submitted by Concept Global on behalf of **M/S. PT. ARISTA MITRA JAYA** for maintaining quality Standards and payment terms shall prevail.

2. **Scope of Work**
   This contract covers the complete coal supply (720,000 MT ± 10%) up to the Anchorage, Port of Puttalam in accordance with the provisions of the Contract generally as described in the coal supply Agreement to be signed.

4. **Acceptance**
   This Letter of Award is sent to you in duplicate and you are required to formally accept it by acknowledging this award by placing your signature.

We thank you for participating in our coal supply procurement process and look forward to working with your organization to make this coal supply a success.



No.51, S. Suranimala Place, Off Dutugemunu Street, Kohuwala, Dehiwala, Sri Lanka. | Tel: +94 11 2 [illegible] | www.lankacoal.lk
A Subsidiary of Ceylon Electricity Board, Registration Number: PV 62636

Accordingly, the fixed FOB price per MT payable to PT Arista Mitra Jaya shall be adjusted as per the quality price adjustment according to the clause 3.5 and nomination & deploying the vessels shall be as per the clause 3.7 and 3.8 of the Agreement.

Please take every step to meet the arrival schedule as per the Clause 2.5 of the coal supply agreement to ensure uninterrupted coal supply to the Lakvijaya Power Plant.

Trust you will take every possible step to fulfill all the requirements of the agreement to the utmost satisfaction of Lanka Coal Company (LCC) and Ceylon Electricity Board (CEB).

Thanking You
**LANKA COAL COMPANY (PVT) LTD**

Shehan N Sumanasekara
Chairman

*Copy to:*

| | | |
|---|---|---|
| 1. | *Secretary – Ministry of Power* | *f.y.i.plz* |
| 2. | *SAS tenders – Ministry of Power* | *f.y.i.pls* |
| 3. | *AGM(Gen) – Ceylon Electricity Board* | *f.y.i.pls* |
| 4. | *GM – Lanka Coal Company* | *f.y.i.pls* |

We hereby certify that we have carefully read and understood the contents of the Letter of Award for PT Arista Mitra Jaya and declare our acceptance of the terms and conditions contained therein.

Name: - Kenneth S. Demotte

Signature: -

Seal of Company: -

Date: - 28th December 2022

අමුණුම 06

LANKA COAL COMPANY (PVT) LTD

Without prejudice

Managing Director
PT. Arista Mitra Jaya

10.04.2023

Attn: Concept Global
Mr. Kenneth Monte

Dear Ms. Sayurifatun and Mr. Kenneth,

Subject: Coal Supply on 200 Day Credit (Contract No. LCC/22/PROP/1)

This is to inform you that your contract signed on 27th January 2023 has been terminated as of March 6, 2023, with reference to the previous notice of termination letter that was sent to you on March 22, 2023.

Accordingly, note that the above mention contract has ceased to be in effect since 6th March 2023 between Lanka Coal Company and PT Arista Mitra Jaya.

Thanking you
Yours faithfully

Shehan N Sumanasekara
**Chairman**

*Cc: Secretary to the Ministry of Power and Energy*
*Chairman – Ceylon Electricity Board*
*General Manager – Ceylon Electricity Board*
*General Manager - LCC*

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

LCC/CH/23/01/66

22/03/2023

Without prejudice

Managing Director
PT. Arista Mitra Jaya

Attn: Concept Global
Mr. Kenneth Motte

Dear Ms. Sayurifatun and Mr. Kenneth,

**Subject: Coal Supply on 200 Day Credit (Contract No. LCC/22/PROP/1)**

First and foremost, we thank Mr. Kenneth (Consultant) for attending the meeting with us on February 28, 2023, at the LCC office to discuss the present status of the coal supply after missing the provided Laycan in the Agreement due to Mandiri Bank of Indonesia's failure to accept the 200-day Usance LC that had already been opened.

To complete this task of vital national importance, which is to provide the national grid with constant coal supply, all the assistance was provided by LCC to ensure its success as PT Arista Mitra Jaya had offered an attractive payment plan with a 200-day credit period. Therefore, the Presidential Secretariat, Line Ministry, Treasury, Bank of Ceylon, Procurement and Technical Committees, CBSL, CEB and LCC made extraordinary efforts to make the supply of your company a success by obtaining Cabinet and Attorney General's approvals. Accordingly, we have taken every step by providing all necessary support to fulfill this important national task. LCC incurred Rs. 810 million (LC Charges) to open the Usance LC to your company. However, this whole process has taken over 2 months and we have lost more than 6 shipments (Laycans) that we cannot recover for this coal season 2022-23.

As we explained during our meeting, to avoid an island wide power outage the Cabinet has approved to award the remaining compulsory required coal quantities to the next two responsive suppliers based on the guidance given by the Cabinet Sub Committee. Accordingly, in the Cabinet meeting held on 06/02/2023, the Cabinet has taken a decision and directed LCC to cancel the contract and awarded the contract to the next two responsive bidders to ensure an uninterrupted supply of coal.

As you are aware, you have not supplied a single shipment of coal as per the said agreement, due to the above-mentioned reasons. Due dates of six shipments have already elapsed, the last of which fell on 16.03.2023.

Accordingly, the seller (PT Arista Mitra Jaya) has defaulted the agreement under the clauses 1.11.1 c), 1.3 and 2.5.

In the circumstances, notice is hereby given in terms of Clause 1.12 of the captioned agreement that the said agreement would stand terminated in whole, at the end of a period of fifteen (15) days from today.

Thanking you
Yours faithfully

Shehan N Sumanasekara
Chairman

*Cc: Secretary to the Ministry of Power and Energy*

ඇමුණුම 07


අමාත්‍ය මණ්ඩල කාර්යාලය
அமைச்சரவை அலுவலகம்
OFFICE OF THE CABINET OF MINISTERS

Lloyd's Building, Sir Baron Jayatilaka Mawatha, Colombo 01.


මගේ අංකය
எனது இல.
My No.
23/0259/621/007/ඒඩීකාර්

ඔබේ අංකය
உமது இல.
Your No.

දිනය
திகதி
Date
2023-02-07

RECEIVED

රහසිගතයි

මෙහෙන් සුමනසේකර මහතා
සහාපති
ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම
ෆැක්ස්: 2824689

අමාත්‍ය මණ්ඩල තීරණය

2023-02-06 දින පැවති අමාත්‍ය මණ්ඩල රැස්වීමේ වාර්තාවේ විෂය අංක (34) හි උද්ධෘතයක් සහන දක්වේ.

**විෂය අංක: (34)**

අමාත්‍ය මණ්ඩල පත්‍රිකා: අංක 23/0259/621/007/ඒඩීකාර් වූ, "නදීසි සහ සුරිමේසි නක්ෂත්‍රයන් සැලකිල්ලට ගනිමින් ණය සහනයකින් රජයකට පදනම් යටතේ සහ අපේක්ෂිත සැපයුම්කරුවන් වෙතින් යෝජනා කැඳවීම මඟින් සහෝදරොවිංවෝලෙයි ලක්විජය ගල් අඟුරු බලාගාරය සඳහා ගල් අඟුරු ප්‍රවාහනයකරණය" යන මාතෘකාවෙන් ඉදිරිපත් කළ 2023-02-06 දිනැති සංදේශය - (අමප අංක 22/2127/621/014-VIII මිළිබඳව වූ 2022-12-19 දිනැති අමාත්‍ය මණ්ඩල තීරණයට අදාළව) මෙම රැස්වීමෙදී සහාගත කරන ලද ඉහත සඳහන් සංදේශය අමාත්‍ය මණ්ඩලය විසින් සලකා බලන ලදී. මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, සංදේශයේ 03 ඡේදයෙහි සඳහන් (1) සිට (6) දක්වා වන නිර්දේශ සඳහා අනුමැතිය ලබා දීමට තීරණය කරන ලදී.

තවද, මෙම තීරණය ක්‍රියාත්මක කරනු ලැබූ සේ සැලකීමටත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම සඳහා අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: විදුලිබල හා බලශක්ති අමාත්‍යාංශය
සහාපති, සිමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම - සංදේශයේ පිටපතක් යා කොට ඇත.

පිටපත්: ජනාධිපතිතුමා වෙත - සංදේශයේ පිටපතක් යා කොට ඇත.
නීතිපතිතුමා - සංදේශයේ පිටපතක් යා කොට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.
මුදල්, ප්‍රාථමික කර්මාන්තකරණ සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශය - සංදේශයේ පිටපතක් යා කොට ඇත.
විදේශ කටයුතු අමාත්‍යාංශය - සංදේශයේ පිටපතක් යා කොට ඇත.
ශ්‍රී ලංකා මහ බැංකුවේ අධිපති - සංදේශයේ පිටපතක් යා කොට ඇත.

විදුලිබල සහ බලශක්ති අමාත්‍යාංශය
மின்சக்தி மற்றும் வலுசக்தி அமைச்சு
MINISTRY OF POWER AND ENERGY

இல: 33, சேர். ஏர்னஸ்ட் டி சில்வா மாவத்தை, கொழும்பு 07 No: 33, Sir Ernest De Silva Mw, Colombo 07

My No: MOPE/SEC/Com/2023 Your No: Date: 06.02.2023

Cabinet Memorandum No. 09/2023/PE

## Cabinet Memorandum

**Procurement of Coal for Norochcholai Lakvijaya Coal Power Plant (LVPP) by calling for proposals from prospective suppliers and Government to Government (G to G) basis with credit facilities considering the urgent and exceptional circumstances**

### 01. Background

Reference is made to the Cabinet Decision taken by the Cabinet of Ministers at its meeting held on 19.12.2022 in considering the Cabinet Memorandum No. 22/1872/621/014/VIII dated 19.12.2022 for Procurement of Coal for Norochcholai Lakvijaya Coal Power Plant (LVPP) by calling for proposals from prospective suppliers and also from Government to Government (G to G) basis with credit facilities considering the urgent and exceptional circumstances.

### 02. Present Status

According to the aforementioned Cabinet decision, the contract has been awarded to PT. Arista Mitra Jaya and Lanka Coal Company has entered into the agreement with them by issuing transferrable usance LC through Bank of Ceylon to Mandiri Bank Indonesia. However, the Mandiri Bank of Indonesia on 02.02.2023 has rejected the usance LC opened by LCC without giving any reasons. Subsequently, PT. Arista Mitra Jaya requested to transfer their LC to a third party where such a transfer is not possible within the context of the contract. This situation was appraised to the Ministerial sub-committee held on 02.02.2023 at the Ministry of Ports, Shipping and Aviation under the chairmanship of the Hon. Minister Nimal Siripala de Silva by the Secretary to the Ministry of Power and Energy with the participation of the relevant officials of Ceylon Electricity Board (CEB), Lanka Coal Company (LCC) and Ceylon Shipping Corporations (CSC).

After reviewing the situation and considering the urgency of securing the required coal for Lakvijaya Power plant for proving uninterrupted power supply to the country, where any other generation resource is not available to supply power to the national grid is comparable magnitude, the Cabinet sub-committee has given SSCAPC the below minimum requirements (limits) to be followed when conducting negotiation with the responsive bidders,

1. Supplier should agree for a credit period of180 days for payments,
2. Supplier should agree to deposit a 5% performance bond,
3. Supplier should agree for a fixed maximum price of USD 240 which is the price offered by M/s Concept Global PT Arista Mitra Jaya, and,

Page No. 01 / 04

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4. Supplier should agree to prepare the laycan schedule as per the requirement of CEB.

On the above context the SSCAPC conducted negotiation with the following suppliers namely;

a. Combasst Industry Development Limited
b. Hans Australia Pty Ltd.
c. Coral Energy DMCC

In line with the directions given by the Cabinet subcommittee based on their original proposal. After conducting the negotiations and required clarifications, SSCAPC has requested the suppliers to submit in writing their acceptance to the above stipulated requirements and possible price reduction if any, on or before 11.00 hrs. on 04.02.2023. By the said deadline, all three suppliers have submitted amended proposals as requested. In order to evaluate the proposals, TEC has convened an online meeting on 04th and 05th of February 2023. At this meeting, all three offers have been scrutinized and been found that none of the above three bidders has been able to comply with all minimum requirement specified by the Cabinet sub-committee.

However, having recognized the fact that there is no other alternative SSCAPC conducted another round of negotiation with all three suppliers on 05.02.2023 to discuss further on the performance security, payment terms, credit period and possibility of meeting the Laycan schedule. The minutes of the SSCAPC meeting on 05.02.2023 and the corresponding TEC minutes held are attached as Annex 1, and Annex 2. Hans Australia Pvt Ltd have declined to provide the Performance Guarantees which is a compulsory requirement and to provide guaranty against the advance payment (Advance 35% of contract value) which is needed to cover the freight and logistic costs and therefore the SSCAPC and TEC has decided to reject the offer submitted by Hans Australia Pvt Ltd.

After having evaluated the other two proposals, the TEC has observed that,

1. The Coral Energy DMCC agreed to provide a performance guarantee of USD 6 million, or 5% of the contract value whichever is lower, subjected to awarding 12 shipments to them. Further, they have indicated that they will bring the cargo at yard and stock there without incurring any cost to the government. They require to pay 80% of the value at the time of daily usage of such stocked coal and balance 20% with lapse of 120 days from the date of usage.
2. Combasst Industry Development Pvt Ltd, Hongkong have agreed to provide a performance guarantee of USD 100,000 subjected to the payment of 20% of Rupee equivalent of the consignment at NRRA account and pay it before unloading for the first two shipments. Anyhow, the requested deposit of 20% Rupee equitant for each shipment is required to be deposited in the NRRA account. However, they have proposed that the remaining 80% shall be credited in USD or CNY to the supplier nominated account at the end of the 200 days period as per the contract instead of crediting weekly basis equal amount to NRRA account.
3. The two offers received, is calculated for the present value of money and ranked them accordingly and if there is any remaining shipments will be forwarded to next season depending on the availability of laycans, maximum possible shipments after supplied for this season. Since the two offers under consideration is of two payment terms, the SSCAPC instructed the TEC to evaluate the proposals on the present value basis.

The TEC considered following assumptions in the calculation.

i. Interest cost of 25% per annum
ii. One-month credit period for loading to unloading
iii. The coal from the Coral Energy DMCC will be utilized from 1st June 2022 onwards to calculate present value of Coral Energy.
iv. The coal from the Combasst Industry Development will be utilized from 1st May 2023 onwards to calculate present value of Combasst Industry Development.
v. It was assumed 6000 MT of coal will be used daily basis to calculate present value of Coral Energy DMCC.

The Net Present value used for the calculation is as shown below.

| | Supplier | Price USD/MT | | Credit term | Rank |
|---|---|---|---|---|---|
| | | Quoted | Present Value | | |
| 1 | Combasst Industries Development Limited | 230 Argus Vostochnoy Index - base | 206.39 | 200 days for NRRA payment methods | 1 |
| 2 | Coral Energy DMCC | 240 Fixed | 223.82 | 80% payment as per usage and 20% after 120 days from the usage, Ex-storage | 2 |

However, Combasst Industry Development Pvt Ltd, so far has not provided authenticated documents to prove their legal existence and the experience of undertaking such business as requested by LCC based on the direction given by the Cabinet of Ministers to obtain such documents within a week from specified time period. In response, they have submitted documents only certified by a Notary Public.

Considering the TEC recommendations, the SSAPC has made their recommendation as follows.

**03. Recommendations.**

After considering all the above, the approval of the Cabinet of Ministers is sought to.

1. Direct the LCC to take necessary action to terminate the contract awarded to PT Arista Mitra Jaya by obtaining legal advice from Attorney Generals Department.
2. award the contract to Coral Energy DMCC, UAE and Combasst Industry Development Pvt Ltd, as a measure of minimizing the risk on the following manner.
   a. 720,000 MT to each supplier and to supply in 12 shipments as recommended by SSCAPC. Since Coral Energy DMCC, UAE is providing USD 8 Mn worth of performance bond, 8 shipments out of 12 to be supplied during this coal season and,
   b. Combasst Industry Development Pvt Ltd is providing USD 100,000 as performance guarantee, 4 shipments out of 12 to be supplied during this coal season subjected to the authentication of documents as indicated above within the specified time period.
   c. In both cases, remaining 4 and 8 shipments of both suppliers to be supplied with the beginning of next coal season 2023/2024.

3. accept the price of Coral Energy DMCC, UAE as 240 USD/MT (FIXED) for quantities received before 06/05/2023 and to negotiate with the contractor to come to a mutually agreed Index base price for the remaining quantities based on the negotiations letters of the bidder submitted on 05/02/2023 and all relevant documents submitted by the bidder.
4. accept the price of Combasst Industry Development Pvt Ltd, Hongkong at a price of 230 USD/MT (RCI-FOB Vostochney Index base) based on the negotiations letters of the bidder submitted on 05/02/2023 and all relevant documents submitted by the bidder.
5. If any remaining shipments are available of this contract after the completion of ongoing unloading season, TEC recommends to obtain the remaining quantities from the Coral Energy DMCC, UAE and Combasst Industry Development Pvt Ltd, Hongkong in the next season, which is staring from September 2023.
6. In the event of failure in the 1-4 it is recommended to award
   a. award repeat order to the supplier of the long term tender for the season 2021-2023 M/s Swiss Singapore Overseas Enterprises Pte. Ltd. subjected to negotiation of the freight charges and payment terms.
   b. call for spot tender for the procurement of possible quantity to cool of this season.

D V Chanaka (M. P.)
Acting Minister of Power & Energy
06.02.2023

රහසිගතයි

විදුලිබල හා බලශක්ති අමාත්‍යාංශය
மின்சக்தி மற்றும் வலுசக்தி அமைச்சு
MINISTRY OF POWER AND ENERGY

අංක 80, ශ්‍රීමත් අර්නස්ට් ද සිල්වා මාවත, කොළඹ 07 இல: 80, சேர். ஏர்னஸ்ட்டி சில்வாமாவத்தை, கொழும்பு07 No: 80, Sir Ernest De Silva Mw, Colombo 07

මගේ අංකය
எனதுஇல
My No MOPE/SEC/Com/2023

ඔබේ අංකය
உமது இல
Your No

දිනය
திகதி
Date 2023.02.06

අමාත්‍ය මණ්ඩල පත්‍රිකා අංක. 09/2023/PE

## අමාත්‍ය මණ්ඩල සංදේශය

## හදිසි සහ සුවිශේෂී තත්වයන් සැලකිල්ලට ගෙන ණය පහසුකම් මත රජයන් හා රජයන් අතර (G to G) පදනම් වූ යෝජනා සහ අපේක්ෂිත සැපයුම්කරුවන් වෙතින් යෝජනා කැඳවීම මඟින් නොරොච්චෝලෙහි ලක්විජය ගල් අඟුරු තාප බලාගාරය (LVPP) සඳහා ගල් අඟුරු ප්‍රසම්පාදනය

### 01. පසුබිම

හදිසි සහ සුවිශේෂී තත්වයන් සැලකිල්ලට ගෙන ණය පහසුකම් මත රජයන් හා රජයන් අතර (G to G) පදනම් වූ යෝජනා සහ අපේක්ෂිත සැපයුම්කරුවන් වෙතින් යෝජනා කැඳවීම මඟින් නොරොච්චෝලෙහි ලක්විජය ගල් අඟුරු තාප බලාගාරය (LVPP) සඳහා ගල් අඟුරු ප්‍රසම්පාදනය සඳහා වූ අංක 22/1872/621/014/VIII දරණ හා 2022.12.19 දිනැති අමාත්‍ය මණ්ඩල සංදේශය සැලකිල්ලට ගනිමින් 2022.12.19 දින රැස්වන ලද අමාත්‍ය මණ්ඩලය විසින් ගන්නා ලද තීරණය කෙරෙහි අවධානය යොමු කෙරේ.

### 02. වර්තමාන තත්වය

ඉහත කී කැබිනට් තීරණයට අනුව කොන්ත්‍රාක්තුව P.T. Arista Mitra Jaya සමාගම වෙත පිරිනමා ඇති අතර Lanka Coal Company මඟුන් සමඟ ගිවිසුමට එළැඹී ඇත්තේ ලංකා බැංකුව හරහා ඉන්දුනීසියාවේ Mandiri Bank වෙත පැවරිය හැකි භාවිත ණයවර ලිපි නිකුත් කිරීම මඟිනි. කෙසේ නමුත්, ලංකා ගල් අඟුරු සමාගම විසින් විවෘත කරන ලද භාවිත ණයවර ලිපි 2023.02.02 දින ඉන්දුනීසියාවේ Mandira බැංකුව විසින් කිසිදු හේතු දැක්වීමකින් තොරවම ප්‍රතික්ෂේප කර ඇත. පසුව, PT. Aristra Mitra Jaya සමාගම තමන්ගේ ණයවර ලිපි තුන්වන පාර්ශවයකට මාරු කරන ලෙස ඉල්ලා සිටි නමුත් කොන්ත්‍රාක්තුවේ සන්දර්භය තුළ එවැනි පැවරීමක් කළ නොහැකිය. මේ තත්ත්වය 2023.02.02 දින විදුලිබල හා බලශක්ති අමාත්‍යාංශයේ ලේකම්, ලංකා විදුලිබල මණ්ඩලයේ (CEB), ලංකා ගල් අඟුරු සමාගමේ (LCC) සහ ලංකා ලංකා නැව් සංස්ථාවේ (CSC) අදාළ නිලධාරීන්ගේ සහභාගිත්වයෙන් ගරු නිමල් සිරිපාල ද සිල්වා ඇමැතිතුමාගේ ගරු සභාපතිත්වය යටතේ විරාය, නාවික හා ගුවන් සේවා අමාත්‍යාංශයේදී පැවති අමාත්‍ය මණ්ඩල අනුකමිටුවේ ඇගැයීමට පාත්‍ර විය.

තත්ත්වය සමාලෝචනය කිරීමෙන් අනතුරුව රටට අබාධිත විදුලිය සැපයීම පිණිස ලක්විජය බලාගාරයට අවශ්‍ය ගල් අඟුරු සපයා ගැනීමේ හදිසි අවශ්‍යතාව සලකා බලා හා ජාතික විදුලිබල

පිටු අංක 01 / 05

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නොමැති නිසා, අමාත්‍ය මණ්ඩල අනුකමිටුව විසින් ප්‍රතිචාර දක්වන ලද ආයතනවල නියෝජිතයන් සමඟ සාකච්ඡා පැවැත්වීමෙදී අනුගමනය කළ යුතු පහත දැක්වෙන වැදගත් අවශ්‍යතා (සීමා) SSCAPC වෙත ලබා දී ඇත.

1. ගෙවීම් ලබා ගැනීම් සිණිය දින 180ක් ඇතුළ සීමාවක් සඳහා සැපයුම්කරු විසින් එකඟ විය යුතුය.
2. 5% කාර්ය සාධන බැඳුම්කරයක් තැන්පත් කිරීමට සැපයුම්කරු එකඟ විය යුතුය.
3. M/s Concept Global PT Arista Mitra Jaya විසින් පිරිනමන ලද මිල වන ඇමෙරිකානු ඩොලර් 240 ක ස්ථාවර උපරිම මිලකට සැපයුම්කරු එකඟ විය යුතුය සහ
4. ලංකා විදුලිබල මණ්ඩලයේ අවශ්‍යතාවයට අනුව නැව් කාර්ය සටහන සකස් කිරීමට සැපයුම්කරු එකඟ විය යුතුය.

ඉහත සන්දර්භය මත, ඔවුන්ගේ මුල් යෝජනාව මත පදනම්ව අමාත්‍ය මණ්ඩල අනුකමිටුව විසින් ලබා දුන් උපදෙස්වලට අනුකූලව SSCAPC විසින් පහත නම් සඳහන් සැපයුම්කරුවන් සමඟ සාකච්ඡා පවත්වන ලදී.

a. Combasst Industry Development Limited
b. Hans Australia Pty Ltd.
c. Coral Energy DMCC

සාකච්ඡා පැවැත්වීමෙන් පසු සහ අවශ්‍ය පැහැදිලි කිරීම් සිදු කිරීමෙන් පසු, ඉහත නියම කර ඇති අවශ්‍යතා සම්බන්ධයෙන් සැපයුම්කරුවන්ගේ පිළිගැනීම් 2023.02.04 වන දින පැය 11.00 හෝ ඊට පෙර ලිඛිතව ඉදිරිපත් කරන ලෙසත්, හැකි නම් මිල අඩු කිරීමක් සිදු කරන ලෙසත් SSCAPC විසින් සැපයුම්කරුවන්ගෙන් ඉල්ලා ඇත. එම කාල සීමාව අවසන් වන විට, සැපයුම්කරුවන් තිදෙනාම අදාළ ඉල්ලීමට අනුකූලව සංශෝධිත යෝජනා ඉදිරිපත් කර ඇත. යෝජනා ඇගයීම් සඳහා, TEC විසින් 2023 පෙබරවාරි 04 සහ 05 යන දිනවල මාර්ගගත රැස්වීමක් කැඳවා ඇත. මෙම රැස්වීමේදී, පිරිනැමීම් තුනම පරීක්ෂාවට ලක් කර ඇති අතර, ඉහත ලංසුකරුවන් තිදෙනාගෙන් කිසිවකු හෝ අමාත්‍ය මණ්ඩල අනුකමිටුව විසින් නිශ්චිතව දක්වා ඇති සියලුම අවම අවශ්‍යතාවලට අනුකූලව කටයුතු කිරීමට අපොහොසත් වී ඇති බව අනාවරණය විය.

කෙසේ වෙතත්, වෙනත් විකල්පයක් නොමැති බව සඳහන්කරන SSCAPC විසින් 2023.02.05 දින සැපයුම්කරුවන් තිදෙනා සමඟම කාර්ය සාධන බැඳුම්කරය, ගෙවීම් නියමයන්, ණය කාලය සහ නැව් කාර්යසටහනට අනුගතවීමේ හැකියාව පිළිබඳව තවදුරටත් සාකච්ඡා කිරීම සඳහා තවත් සාකච්ඡා වටයක් පවත්වන ලදී. 2023.02.05 දින SSCAPC රැස්වීමේ කාර්ය සටහන් සහ ඊට අදාළ TEC රැස්වීමේ කාර්ය සටහන ඇමුණුම් 1 සහ ඇමුණුම් 2 ලෙස අමුණා ඇත. අතිවාර්ය අවශ්‍යතාවයක් වන කාර්ය සාධන සහතිකය ලබා දීම Hans Australia Pvt. Ltd විසින් ප්‍රතික්ෂේප කර ඇති අතර භාණ්ඩ ප්‍රවාහන සහ සැපයුම් වියදම් රියවීම ගැනීමට අවශ්‍ය වන අක්කිකාරම් ගෙවීම (කොන්ත්‍රාත්තුවේ වටිනාකමින් 35% අක්කිකාරම්) සම්බන්ධයෙන් යහතිකයක් ලබා දීමද අදාළ සමාගම විසින් ප්‍රතික්ෂේප කර ඇති බැවින් Hans Australia Pvt. Ltd විසින් ඉදිරිපත් කරන ලද පිරිනැමුම් ප්‍රතික්ෂේප කිරීමට SSCAPC සහ TEC තීරණය කර ඇත.

ඉහතකුත් යෝජනා දෙක ඇගයීමෙන් පසු TEC විසින් නිරීක්ෂණය කර ඇත්තේ,

1. Coral Energy DMCC සමාගම විසින් ඔවුන්ව නැවැත්ත කිරීම 12ක් ලබා දීමේ කොන්දේසියට යටත්ව ඇමෙරිකානු ඩොලර් මිලියන 5 ක කාර්ය සාධන යහතිකයක් හෝ කොන්ත්‍රාත්තුවේ වටිනාකමින් 5% යන අගයන් දෙකෙන් අඩු අගය කැපයීමට එකඟ විය. කඩිත රජයට කිසිදු වියදමක් දැරීමට සිදු නොවන පරිදි භාණ්ඩ ආයාතයට අවශ්‍ය

[illegible] ප්‍රාග්ධන සැපයීම සඳහා [illegible] ඉදිරිපත් කරන ලද [illegible] ඒ අනුව [illegible] මෙහෙයුම් කාලය තුළ [illegible] ගෙවීම් කිරීම සඳහා [illegible] ඇමෙරිකානු ඩොලර් මිලියන 120 ක් ඇතුළත් වටිනාකම ගෙවීම් කර ඇත.

2. හොංකොංහි Combasst Industry Development Pvt. Ltd. නමැති සමාගම් විසින් වටිනාකමෙන් 20% ක් රුපියල්වලින් NRRA කිණුමට ගෙවීමට යටත්ව ඇමෙරිකානු ඩොලර් 100,000 ක කාර්ය සාධක සහතිකයක් ලබා දීමට සහ පළමු නැව් කොග දෙක ගොඩබෑමට පෙර එම මුදල ගෙවීමට එකඟ වී ඇත. එසේම ඉවතක්, මේ අනුව, එක් එක් නැවගත කිරීම සඳහා 20%කට සමාන රුපියල් තැන්පතුවක් NRRA කිණුමේ තැන්පත් කිරීම අවශ්‍ය වේ. කෙසේ වෙතත්, ඉතිරි 80% NRRA කිණුමට සතිපතා සමාන මුදලක් බැර කිරීම වෙනුවට කොන්ත්‍රාක්තුවට අනුව දින 200 කාල සීමාව අවසානයේ සැපයුම්කරු විසින් නම් කරන ලද කිණුමට ඇමෙරිකානු ඩොලර් (USD) හෝ චීන යුවාන් (CNY) වලින් බැර කළ යුතු බව ඔවුන් යෝජනා කර ඇත.

3. ලැබුණු පිරිනැමුම් දෙක, වර්තමාන මුදලේ වටිනාකම් සඳහා ගණනය කර ඒවා ශ්‍රේණිගත කර ඇති අතර, ඉතිරි නැවගත කිරීම් කිහිපෙ නම්, මෙම විචරය සඳහා සැපයූ පසු හැකි උපරිම ප්‍රමාණයක නැවගත කිරීම්, නැව් කාර්ය සටහනේ කාල සීමාවන් ලබා ගැනීමේ හැකියාව මත පදනම්ව ඊළඟ විචරයට මයාමු කෙරෙනු ඇත. හලකා බලනු ලබන පිරිනැමීම් දෙක සසඳීමේ අකාන්ක්ෂිත් දෙකකින් යුක්ත වන බැවින්, වර්තමාන වටිනාකම් පදනම මත අදාළ යෝජනා ඇගයීමට SSCAPC විසින් TEC වෙත උපදෙස් දෙන ලදී.

මෙම ගණනය කිරීමේදී TEC විසින් පහත උපකල්පන සලකා බලන ලදී.

i. වියරකට 29% ක මහාලි පිරිවැය
ii. පැවරීම සඳහා බැම සඳහා මාසයක ඈය කාලය
iii. Coral Energy DMCC වෙතින් ලැබෙන ඔල් අඳුරු 2023 ජූනි 1 වැනි දින සිට Coral Energyහි වර්තමාන අගය ගණනය කිරීමට යොදා ගැනේ.
iv. Combast Industry Development වෙතින් ලැබෙන ලේ අඳුරු Combast Industry Development හි වර්තමාන අගය ගණනය කිරීම් සඳහා 2023 ඉූ 1 වන දින සිට භාවිතා කෙරේ.
v. Coral Energy DMCC හි වර්තමාන අගය ගණනය කිරීම සඳහා ඔල් අඳුරු මෙට්‍රික් ටොන් 6000 ක් දෛනිකව භාවිතා කරනු ඇතැයි උපකල්පනය කරන ලදී.

ගණනය කිරීම සඳහා භාවිතා කරන ශුද්ධ වර්තමාන අගය පහත පරිදි වේ.

| | සැපයුම්කරු | මිළ මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් | | ඈය කාල සීමාව | ශ්‍රේණිය |
|---|---|---|---|---|---|
| | | මිළ යෝජනා | වර්තමාන අගය | | |
| 1 | Combasst Industries Development Limited සමාගම | 230 Argus Vostochney [illegible] | 206.39 | NRRA ගෙවීම් ක්‍රමය සඳහා දින 200ක් | 1 |
| 2 | Coral Energy DMCC සමාගම | 240 [illegible] | 223.52 | භාවිතය අනුව 80% ක සහ සමාන කළ යුතු භාවිතයෙන් දින [illegible] ඇතුළත ඉතිරි සෑ ගෙවීම් | 2 |

[illegible]

...සඳහන් අවසාන්, ...Development Pvt. Ltd සමාගමේ නිලධාරීන් නීතියානුකූල පැවැත්ම සහතික කිරීම සඳහා සහායවීය ලේඛන සහ ලංකා ගල් අඟුරු සමාගම විසින් ඉල්ලා සිටින පරිදි එවැනි ව්‍යාපාරයක යෙදී සිටීමේ පළපුරුද්ද පිළිබඳ පහාර කිරීම ද, කැණීනට් මණ්ඩලය විසින් විශේෂිතව සඳහන් කළ කාලය ඇතුළෙන් සියල්ල ඇතුළත සපයා ගන්නා මෙන් දන්වා සිටුණද, මෙතෙක් සපයා නැත. ඊට ප්‍රතිචාර වශයෙන් ඔවුන් ඉදිරිපත් කර ඇත්තේ නොතාරිස්වරයෙකු විසින් සහතික කරන ලද ලේඛන පමණි.

TEC නිර්දේශ සැලකිල්ලට ගනිමින්, SSCAPC විසින් ඔවුන්ගේ නිර්දේශය සහිත පරිදි ඉදිරිපත් කර ඇත.

03. නිර්දේශ

ඉහත සියලු කරුණු සලකා බැලීමෙන් අනතුරුව:

1. නීතිපති දෙපාර්තමේන්තුවෙන් නීති උපදෙස් ලබා ගැනීමෙන් අනතුරුව PT Arista Mitra Jaya සමාගම වෙත ලබා දී ඇති කොන්ත්‍රාත්තුව අවසන් කිරීමට අවශ්‍ය ක්‍රියාමාර්ග ගැනීමට ලංකා ගල් අඟුරු සමාගම වෙත යොමු කරන ලෙසද,

2. පහත දැක්වෙන ආකාරයෙන් අවදානම අවම කිරීමේ සියවරක් ලෙස Coral Energy DMCC සමාගම සහ එක්සත් අරාබි එමීර් රාජ්‍යයේ Combast Industry Development Pvt. Ltd සමාගම වෙත කොන්ත්‍රාත්තුව ප්‍රදානය කිරීම සිදුසුද,

   අ. SSCAPC විසින් නිර්දේශ කර ඇති පරිදි සැම සැපයුම්කරුවෙකුටම මෙට්‍රික් ටොන් 720,000 ක් නැවගත කිරීම 12 කින් සැපයීමට ලබා දීමටද එක්සත් අරාබි එමීර් රාජ්‍යයේ Coral Energy DMCC සමාගම, විසින් ඇමෙරිකානු ඩොලර් මිලියන 5 ක් වඩිනා කාර්ය සාධන බැඳුම්කරයක් ලබා දෙන බැවින්, නැවගත කිරීම 12 න් 8 ක් මෙම ගල් අඟුරු සම්පේදී සැපයීමටද,

   ආ. Combasst Industry Development Pvt Ltd සමාගම විසින් ඇමෙරිකානු ඩොලර් 100,000ක කාර්ය සාධන ඇපකරයක් සපයනු ලබන බැවින්, නැවගත කිරීම 12 න් 4 ක් මෙම ගල් අඟුරු වාරයේ දී, නියමිත කාල සීමාව තුළ ඉහත දක්වා ඇති පරිදි ලේඛනවල සහායපනයට යටත්ව සැපයීමටද,

   ඇ. අවස්ථා දෙකේදීම, සැපයුම්කරුවන් දෙදෙනාගේම ඉතිරි නැවගත කිරීම් 4 සහ 8, 2023/2024 වළඟ ගල් අඟුරු වාරයේ ආරම්භය සමඟ සැපයිය යුතු බවටද,

3. 2023/05/05 ට පෙර ලැබුණු ප්‍රමාණ සඳහා එක්සත් අරාබි එමීර් රාජ්‍යයේ Coral Energy DMCC විසින් ඉදිරිපත් කළ මිල වන මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 240 (ස්ථිර) පිළිගෙන ලංසුකරු විසින් එකඟත්වයකට එළඹීම සිදුසු 2023/02/05 දින ඉදිරිපත් කරන ලද ලිපි සහ ලංසුකරු විසින් ඉදිරිපත් කරන ලද සියලුම අදාළ ලියකියවිලි සැදක කර ගනිමින් ඉතිරි ප්‍රමාණයන් සඳහා කොන්ත්‍රාත්කරු සමඟ සාකච්ඡා කර අනෙකුත්‍ය වශයෙන් එකඟ වූ දර්ශක මිලකට එළඹීම,

පිටු දැක්ම වෙත

4. ෆ්‍රංසුකරුගේ 2023/02/06 දිනැතිවන් කරන ලද සාකච්ඡා ලිපි සහ ඉදිරිපත් කරන ලදි සියලුම අදාළ ලියකියවිලි මත පදනම්ව හොංකොංහි Combasst Industry Development Pvt Ltd විසින් ඉදිරිපත් කළ මිල වන මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 230 (RCI-FOB Vostochney දර්ශක පදනම) පිළිගැනීම,

5. ඉහත පවතින බැමේ ධාරිය අවසන් වූ පසු මෙම කොන්ත්‍රාත්තුවේ ඉතිරි තැවිගත කිරීම කිරීමේ නම්, 2023 සැප්තැම්බර් සිට ආරම්භ වන මිළඟ ගල් අඟුරු වාරයේදී ඉතිරි ප්‍රමාණයන් එක්සත් අරාබි එමීර් රාජ්‍යයේ Coral Energy DMCC සහ හොංකොංහි Combasst Industry Development Pvt. Ltd වෙතින් ලබා ගැනීම සිඳිය වන TEC නිර්දේශය සඳහා,

6. 1-4 ඡේදවලින් අඩංගු වූ අවස්ථාවක දී එය ප්‍රදානය කිරීමට නිර්දේශ,
   අ. 2021-2023 කාලය සඳහා දිගු කාලීන වෙන්ඩරයේ සැපයුම්කරු වන M/s Swiss Singapore Overseas Enterprises Pte. Ltd. වෙත, ප්‍රවාහන ගාස්තු සහ ගෙවීම් නියමයන් පිළිබඳ සාකච්ඡාවලට යටත්ව, නැවත ඇණවුම් ප්‍රදානය කිරීමටද,
   ආ. මෙම වාරයේ ගල් අඟුරු හැකි ප්‍රමාණයට ප්‍රසම්පාදනය කිරීම සඳහා ක්ෂණික වෙන්ඩර් කැඳවීමටද,

අමාත්‍ය මණ්ඩලයේ අනුමැතිය අපේක්ෂා කෙරේ.

අත්/ කළේ: ඩී.වී. චානක (මහාචාර්ය)
විදුලිබල හා බලශක්ති වැඩ බලන අමාත්‍ය
2023.02.06

**Minutes of the Special Standing Cabinet Appointed Procurement Committee (SSCAPC) Meeting held at Ministry of Power & Energy**

| Name of the Procurement Committee | SSCAPC | Name of the Procurement Entity | Lanka Coal Company Pvt Ltd (LCC) |
|---|---|---|---|

**Registration of Coal Suppliers for Lakvijaya Power Plant (900MW) - Puttalam**

| Meeting No: | 40 | Date | 23.06.2023 | Purpose | To consider the TEC report |
|---|---|---|---|---|---|

**Members**

**SSCAPC Members**

Mr. V P K Anusha Palpita, Secretary, Ministry of Mass Media. - Chairman

Mr. M P D U K Mapa Pathirana, Secretary, Ministry of Power & Energy. - Member

Mr. Chandra Wijesekera, Assistant Governor, Central Bank of Sri Lanka. - Member

Mr. G.A.D.R.P. Senevirathna, General Manager, CEB - Member

Mr. A.P. Kurumbalapitiya, Addl. Director General, Dept. of Management Audit - Member

**TEC Members**

Mr. D.N. Navarathne, Addl. General Manager (Generation), CEB - Chairman

Mr. L.H.D.A.W. Namal, Manager (Operation), LCC - Member

**Document Circulated:**

TEC Report No. LCC/OP/REG/2023 dated 22.06.2023.

**Background:**

1. The Technical Evaluation Committee (TEC) and Special Standing Cabinet Appointed Procurement Committee (SSCAPC) for Registration of Coal Suppliers for Lakvijaya Power Plant (900MW), Puttalam were appointed by the Department of Public Finance on 23.07.2015 as per the Cabinet Decision No. 15/1082/615/042 dated 22.07.2015. The membership of the TEC and SSCAPC as changed over the time was finally appointed by the Director General of Department of Public Finance on 19.01.2023 and 22.02.2023 respectively.
2. SSCAPC granted the approval to invite applications for registration of Coal Suppliers for Lanka Coal Company (Pvt) Ltd (LCC) on 13.08.2015, Accordingly, an advertisement was published in newspapers and LCC website on 17.08.2015 and readvertised on 07.09.2015. The application form has been revised on June 2016 and the approval was granted by SSCAPC on 30.06.2016. At present, the application is available on LCC website. There is no closing date for the Registration of Coal Suppliers. The applications received by LCC are opened every Monday of the week four times a month.
3. In line with the directives given by the Committee on Public Enterprises (COPE) and views expressed by Cabinet of Ministers considering the Cabinet Memorandum No: 23/0609/621/026, dated 27.03.2023, relaxation of eligibly criteria for registration with Lanka Coal Company has been made by SSCAPC to enhance the competitiveness.

**Main Observations:**

4. At the SSCAPC meetings held on 12.06.2023 & 20.06.2023, the relaxation of qualification criteria for registration of coal suppliers was made in line with recommendation by the Committee on Public

(26)

Enterprises (GOPE), Treasury observations, and Cabinet of Ministers observations. Accordingly, TEC was advised to carefully consider the following clauses and update the application.

i. If a company wishes to demonstrate its financial strength by including the financials of its subsidiaries, affiliates or sister companies, it's common to consider consolidated audited accounts. In such a scenario, the parent company or the holding company should provide confirmation of financial support through a board resolution.

ii. After analyzing the auditor's view, the average yearly turnover to consider audited accounts should be at least two years rather than three years. Such companies should not be evaluated if there is a disclaimer or an adverse opinion.

iii. consider the experience supplying at least 500,000 metric tons of coal during the previous 36 months, with at least 100,000 metric tons of that coal needing to have a gross calorific value (on an as-received basis) of 5900 kcal/kg or above, instead of previous supply experience of one (1) million MT.

iv. obtain a letter from suppliers confirming the quality of coal they intend to supply as per the LCC's specifications.

5. At the meeting held on 23.06.2023, TEC has proposed to introduce the following amendments to attract more potential suppliers and to enhance the competition.

i. amend clause 9 by introducing a new paragraph as follows to enable a subsidiary or affiliated company to participate with the assistance of their parent or holding company.

*If the company applying for registration has an experience of supply more than 500,000 MT of coal in the last 36 months and if the company is a subsidiary or affiliate of a company, the applicant company should submit the consolidated financial statements, if they are financial is not strong enough to show individually. Then the annual average turnover of the group companies for the last 3 years should be more than 150 million. In this case, the parent company's or holding company's board of directors should submit a duly signed power of attorney along with a board resolution stating that they will offer financial support to the applicant for the delivery of coal if they selected for supply through a competitive bidding process.*

*No other company belonging to the group of companies can apply for registration as a coal supplier.*

ii. amend clause 10.2 (a), Annual Average Turnover as follows

*Average annual turnover of USD 50 million or equivalent, over the last three (3) financial years. Audited financial statements for the immediate last two years and draft/management account for the rest of the period up to one month of the application date shall be submitted. The annual average turnover of the company should be more than USD 50 Million or equivalent.*
*In the event of the commencement of the applicant's financial years does not coincide with calendar years, the Applicants are requested to submit these statements with respect to the last three years according to the respective financial year for their companies.*

- *However, an applicant will not be considered credible if there are disclaimers or adverse opinions in the audit reports.*

9/06/23

- *The applicant should present their consolidated account to demonstrate their connection if they are a subsidiary, affiliated, or sister company.*

iii. Clause 10.2 (b); Experience to be considered only for supplied quantity of 500,000 MT of coal during the last 3 years instead of 1 million MT.

Accordingly, following clause first paragraph should be amended as,

*"b) Have experience supplying at least 500,000 metric tons of coal during the previous 36 months, with at least 100,000 metric tons of that coal needing to have a gross calorific value (on an as-received basis) of 5900 kcal/kg or above. Any transactions of supplying coal between the partners of a Joint Venture formed for this Registration of Coal Supply will not be taken for consideration for the purposes of assessing experience of the Joint Venture.*

iv. amend the clause 10.2 (f)

*Shall submit a letter stating that the quality of coal from the proposed mines is within the acceptable range of LCC as specified in clause 3 of this document.*

6. **TEC Recommendation**

TEC recommended to amend the clause 9, clause 10.2 (a), clause 10.2 (b) and clause 10.2 (f) as indicated in item No. 05 above.

7. Further to the above, TEC indicated that six (6) applications have been received by LCC from the following companies to register with LCC as a coal supplier.

i. PT. LESTARI USAHA SUKSES
ii. IMRAN RESOURCES FZ LLC
iii. HANS AUSTRALIA (PVT) LTD
iv. VISA RESOURCES PTE. LTD
v. PT WARISAN TAMBANG NUSANTARA
vi. PT BARA DAYA ENERGI

8. TEC indicated that the application for registration was amended and received applications were evaluated based on relaxed criteria even though the applications were received before its amendments.

9. The following two companies were considered for evaluation based on the documents submitted along with the application and subsequent documents submitted by them and reference given by the LCC Chairman and the past successful performance of certain companies.

i. IMAN RESOURCES FZ LLC
ii. VISA RESOURCES PTE.LTD

10. The following four companies have not submitted the necessary documents as stipulated in the application and LCC has requested them to resubmit. Even through the reminders were sent the following four companies have failed to submit the required documents. Therefore, TEC decided not to consider the following companies for further evaluation.

i. PT. LESTARI USAHA SUKSES
ii. HANS AUSTRALIA (PTY) LTD
iii. PT WARISAN TAMBANG NUSANTARA
iv. PT BARA DAYA ENERGI



06/23

## 11. TEC Recommendation

In considering all the above, TEC recommended to register below two (2) suppliers as LCC's registered suppliers.

i. IMAN RESOURCES FZ LLC
ii. VISA RESOURCES PTE.LTD

## 12. SSCAPC Decision

Having considered the recommendation and explanation provided at the meeting by the TEC, SSCAPC decided to grant approval for the following.

i. amend clause 9. b to complete applicant's financial capabilities in relation to the company's annual turnover of at least USD 150 million for last 3 years,

ii. amend clause 10.2. b to reduce from 1 million MT to 500,000 MT of coal supply experience. Accordingly, the coal supply experience at least 500,000 MT of coal during the previous 36 months, Furthermore, at least 100,000 MT of experience with a Gross Calorific Value (As Received Basis) of 5900 kcal/kg or above is required,

iii. amend clause 10.2 f to obtain a letter stating that the supply of coal under LCC specification is accepted by the applicant, and

iv. register below two (2) suppliers as LCC's registered suppliers.
   a. IMAN RESOURCES FZ LLC
   b. VISA RESOURCES PTE LTD

| Name | Capacity | Agree with the Above Decisions (Yes/No) | Signature |
|---|---|---|---|
| V P K Anusha Palpita | Chairman | Yes | |
| M P D U K Mapa Pathirana | Member | yes | |
| Chandra Wijesekera | Member | yes | |
| G.A.D.R.P. Senevirathna | Member | yes | |
| A.P. Kurumbalapitiya | Member | Yes | |

ඇමුණුම 09


ජනාධිපති කළමනාකරණ කාර්යාලය
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126 SEP 2023

27 SEP 2023

02 OCT 2023


අමාත්‍ය මණ්ඩල කාර්යාලය
அமைச்சரவை அலுவல்கள்
OFFICE OF THE CABINET OF MINISTERS


Lloyd's Building, Sir Baron Jayatilaka Mawatha, Colombo 01.


මගේ අංකය: 23/1788/621/077/විබිපාර්

දිනය: 2023-09-26

හදිසියි - රහසිගතයි

ඒ.පී.වී.ප්‍රේමේ. මහා පත්‍රිකණ මහතා
ලේකම්
විදුලිබල හා බලශක්ති අමාත්‍යාංශය
ෆැක්ස්: 2564362

අමාත්‍ය මණ්ඩල තීරණය

2023-09-25 දින පැවති අමාත්‍ය මණ්ඩල රැස්වීමේ වාර්තාවේ විෂය අංක (40) හි උද්ධෘතයක් පහත දක්වේ.

විෂය අංක: (40)

අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 23/1788/621/077/විබිපාර් වූ, **"2023-2024 වාරය සඳහා සුන්නලම් හොරොව්වෙව්ලේ ලක්ෂ්මිජය ගල් අඟුරු බලාගාරය වෙත ඝණමීටර ප්‍රසම්පාදනය කටයුත්ත ගල් අඟුරු මෙට්‍රික්ටොන් 300,000±10% (නැවඟත කිරීම් රහිත) ප්‍රසම්පාදනය කිරීම්"** යන මැයෙන් විදුලිබල හා බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2023-09-19 දිනැති සංදේශය - ඉහත සඳහන් සංදේශය අමාත්‍ය මණ්ඩලය විසින් සලකා බලනු ලදී. මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, සංදේශයේ 03 ඡේදයෙහි සඳහන් (අ), (ආ), (ඇ) සහ (ඈ) නිර්දේශ පරිදි ආවරණ අනුමැතිය ලබා දීමට තීරණය කරන ලදී.

තවද, මෙම තීරණය සම්මත කරනු ලැබූ සේ සැලකීමටත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම සඳහා අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: විදුලිබල හා බලශක්ති අමාත්‍යාංශය

පිටපත්: ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් යා කරමට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.
මුදල්, ආර්ථික ස්ථායිකරණ සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශය - සංදේශයේ පිටපතක් යා කොට ඇත.
වරාය, නාවික හා ගුවන් සේවා අමාත්‍යාංශය - සංදේශයේ පිටපතක් යා කොට ඇත.

ඩබ්ලිව්.එම්.ඩී.ජේ.ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්


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மின்சக்தி மற்றும் வலுசக்தி அமைச்சு
MINISTRY OF POWER AND ENERGY

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රහසිගතයි

මගේ අංකය / எனது இல / My No: MOPE/SEC/COM/2023

ඔබේ අංකය / உமது இல / Your No:

දිනය / திகதி / Date: 19.09.2023

අමාත්‍ය මණ්ඩල සංදේශ අංක - 48/2023/PE

## අමාත්‍ය මණ්ඩල සංදේශය

2023 - 2024 වාරය සඳහා ප්‍රත්තලම නොරොච්චෝලේ ලක්ෂ්‍යය ගල් අඟුරු බලාගාරය වෙත ක්ෂණික ප්‍රසම්පාදනය යටතේ ගල් අඟුරු මෙට්‍රික් ටොන් 300,000 ± 10% (නැවඟන කිරීම් 5ක්) ප්‍රසම්පාදනය කිරීම

### 01. පසුබිම

2015.07.13 දිනැති අංක 15/1082/615/042 දරන අමාත්‍ය මණ්ඩල සංදේශය සැලකිල්ලට ගනිමින්, රටේ විදුලි අවශ්‍යතාවය සපුරාලීමට සුවිශේෂී දායකත්වයක් සපයන නොරොච්චෝලේ ලක්ෂ්‍යය ගල් අඟුරු බලාගාරය (LVPP) වෙත අවම මිලකට ක්ෂණික වෙළෙඳපොළෙන් ගල් අඟුරු ප්‍රසම්පාදනය කිරීම සඳහා 2015.07.22 වැනි දින පැවති සිය රැස්වීමේදී අමාත්‍ය මණ්ඩලය විසින් අනුමැතිය ලබා දී තිබේ. 2023-24 වාරය සඳහා ලක්ෂ්‍යය ගල් අඟුරු බලාගාරය සඳහා අවශ්‍ය වුව ගල් අඟුරු ප්‍රමාණය මෙට්‍රික් ටොන් 2,250,000 ± 10% (නැවඟන කිරීම් 38ක්) වන අතර, ක්ෂණික ප්‍රසම්පාදනය-01 හරහා මෙට්‍රික් ටොන් 300,000 ± 10% (නැවඟන කිරීම් 05ක්) ප්‍රසම්පාදනය කිරීමට අපේක්ෂා කෙරේ.

### 02. සාධාරණීකරණය

ඒ අනුව, නොරොච්චෝලේ ලක්ෂ්‍යය ගල් අඟුරු බලාගාරය (LVPP) වෙත ගල් අඟුරු මෙට්‍රික් ටොන් 300,000 ± 10% (නැවඟන කිරීම් 05ක්) ප්‍රසම්පාදනය කිරීම සඳහා අමාත්‍ය මණ්ඩලය විසින් පත් කරන ලද විශේෂ ස්ථාවර ප්‍රසම්පාදන කමිටුවෙනි (SSCAPC) අනුමැතිය මත 2023.06.23 දින ලියාපදිංචි වී ඇති සැපයුම්කරුවන්ගෙන් ලංසු කැඳවන ලදී. ලංසු කැඳවීම 2023.07.21 දින පෙ.ව.10.00ට අවසන් කරන ලද අතර, පහත ලංසුකරුවන් සය දෙනා විසින් සිය යෝජනා ඉදිරිපත් කර තිබුණි.

i. Taranjot Resources (Pvt) Ltd
ii. Coral Energy DMCC
iii. Aditya Birla Global Trading (Singapore) Pte Ltd
iv. PT Bara Daya Energi
v. Visa Resources Pte Ltd
vi. PT. Faward Trading and Construction

Taranjot Resources (Pvt) Ltd සහ PT. Faward Trading and Construction යන ලංසුකරුවන් විසින් යෝජනා සමඟ ලංසු සුරක්ෂණය සහ PCA 3 පෝරමය ඉදිරිපත් කර නොතිබුණි. ඒ අනුව, තාක්ෂණික ඇගයීම් කමිටුව (TEC) විසින් මෙම අවශ්‍යතා ප්‍රධාන ලෙස උල්ලංඝනය වීමත් සේ සලකන ලද අතර, වැඩිදුර ඇගයීම් සඳහා සලකා බැලීමකින් තොරවම එම යෝජනා ප්‍රතික්ෂේප කර තිබුණි (තාක්ෂණික ඇගයීම් කමිටු වාර්තාව ඇමුණුම් - 01 ලෙස අමුණා ඇත).

පිටු අංක 01 / 03

මාර්ග අමාත්‍යතුමා කාර්යාලයේදෙන් ගරු අමාත්‍යතුමා Hon. Minister | Tel (+94)-11-2574883 Fax - (+94)-11-2574741
ලේකම් செயலாளர் Secretary | Tel (+94)-11-2574918 Fax -(+94)-11-2574880
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ලංසු ලේඛනයේ දක්වා ඇති පරිදි අවසාන සියලුම ලියකියවිලි සහිත ලංසුකරුවන් සිවුදෙනා (04) විසින් ඉදිරිපත් කර තිබෙන අතර, වාණිජමය වශයෙන් ප්‍රතිචාරාත්මක ලංසුකරුවන් සේ සලකා ඔවුන් වැඩිදුර අගයීමට ලක්කරන ලදී.

ලංසු ලේඛනයේ 2.6.3 වගන්තියට අනුව, අගයන ලද අවම ප්‍රතිචාරාත්මක ලංසුකරු තීරණය කිරීම සඳහා සහක ලංසුකරුවන් විසින් උපුටා දක්වන ලද මිල ගණන් නාක්ෂණික ඇගයීම කමිටුව විසින් අගයීමට ලක් කරන ලදී.

| අංක | ලංසුකරු | බල් අතුරු FOB කප්පාදු කළ මිල මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් | භාණ්ඩ ප්‍රවාහනය මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් | සිරිවැය හා භාණ්ඩ ප්‍රවාහන මිල මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් |
|---|---|---|---|---|
| 1. | CORAL ENERGY DMCC | 96.99 | 32.00 | 128.99 |
| 2. | ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 119.74 | 9.95 | 129.69 |
| 3. | PT BARA DAYA ENERGI | 113.69 | 16.00 | 129.69 |
| 4. | VISA RESOURCES PTE LTD | 123.45 | 12.00 | 135.45 |

ලංසු ඇගයීමෙන් අනතුරුව, නාක්ෂණික ඇගයීම් කමිටුව විසින් 2023 ඔක්තෝබර් මාසය තුළ ලක්ෂ්‍යය බලාගාරය වෙත බල් අතුරු මෙට්‍රික් ටොන් 300,000 ± 10%ක් ප්‍රසම්පාදනය කිරීමේ නොන්නුත්තුව මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 128.99ක (ඇමෙරිකානු ඩොලර් එකසිය විසි අටයි නව අනු නවයක් පමණි) (බල් අතුරු FOB කප්පාදු කළ මිල මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 96.99ක් සහ භාණ්ඩ ප්‍රවාහනය මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 32.00ක් වේ) සිරිවැය හා භාණ්ඩ ප්‍රවාහන ගෙන්නුව (ප්‍රත්තලම) සාරාංශකුල ප්‍රතිචාරාත්මක ඇගයුම් කරන ලද අවම ලංසුව ඉදිරිපත් කර ඇති M/s CORAL ENERGY DMCC- Unit 3902, Platinum Tower, Plot No. JLT-PHI-12 Jumeriah Lakes Towers, Dubai UAE වෙත ප්‍රදානය කිරීමට නිර්දේශ කර ඇත. (මිල ගැලපීම් සහ අදාළ බදු තැරුණු කොට මෙම ප්‍රසම්පාදනයේ සමස්ත සිරිවැය හා භාණ්ඩ ප්‍රවාහන සිරිවැය ශ්‍රී ලංකා මහ බැංකුව විසින් 2023/07/21 දිනට ප්‍රකාශිත ඇමෙරිකානු ඩොලර් 325.2204 අනුපාතිකයට අනුව ඇමෙරිකානු ඩොලර් මිලියන 38.697 ± 10% - දළ වශයෙන් ශ්‍රී ලංකා රුපියල් මිලියන 12,585 ± 10%ක් පමණ වනු ඇත).

නවද, බල් අතුරු ප්‍රවාහනය සඳහා මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 32.00ක භාණ්ඩ ප්‍රවාහන ගාස්තු අනුපාතිකයකට සාර්ථක ලංසුකරු විසින් යෝජනා කර තිබෙන භාණ්ඩ ප්‍රවාහන ගාස්තු ලංකා නැව් සංස්ථාව (CSC) හා බැලපෙන බව ද , රුසියාවේ Taman හි පැවතීමේ වරායේ බල් අතුරු මෙට්‍රික් ටොන් එකක් ඇමෙරිකානු ඩොලර් 96.99ක (ඇමෙරිකානු ඩොලර් අනු හයයි නව අනු නවයක් පමණි) FOB කප්පාදු කළ (Taman) මිලට M/s. CORAL ENERGY DMCC - Unit 3902, Platinum Tower, Plot No. JLT-PHI-12 Jumeriah Lakes Towers, Dubai UAE වෙත සිරිනැමීම සිදු කළ යුතු බව ද සහ භාණ්ඩ ප්‍රවාහන සංරචකය බල් අතුරු මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 32.00ක (ඇමෙරිකානු ඩොලර් තිස් දෙකක් පමණි) ස්ථාවර භාණ්ඩ ප්‍රවාහන ගාස්තුවකට ලංකා නැව් සංස්ථාව වෙත සිරිනැමීමට ද නිර්දේශ වීය.

ලංසුකරු වන M/s Coral Energy, DMCC විසින් යෝජනා කර ඇති භාණ්ඩ ප්‍රවාහන ගාස්තු ලංකා නැව් සංස්ථාවේ ගාස්තුවලට වඩා වැඩි බව අමාත්‍ය මණ්ඩලය විසින් පත් කරන ලද විශේෂ ස්ථාවර ප්‍රසම්පාදන කමිටුව විසින් නිරීක්ෂණය කර තිබෙන අතර, භාණ්ඩ ප්‍රවාහන ගාස්තුව ලංකා නැව් සංස්ථාවෙහි ස්ථාවර භාණ්ඩ ප්‍රවාහන ගාස්තු අගය වන ඇමෙරිකානු ඩොලර් 32.00 අඩු කරගැනීමට ලංසුකරු සමඟ සාකච්ඡා කිරීමට තීරණය කරන ලදී. 2023.07.24 දින අමාත්‍ය මණ්ඩලය විසින් පත් කරන ලද විශේෂ ස්ථාවර ප්‍රසම්පාදන කමිටුව විසින් M/s Coral Energy, DMCC සමඟ සාකච්ඡා පවත්වා තිබුණු අතර , (ඇමුණුම -02)

භාණ්ඩ ප්‍රවාහන ගාස්තුව මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 32.00 අඩු කිරීමට එකඟ වී ඇත. ඒ අනුව, Coral Energy, DMCC විසින් ඔවුන්ගේ සංශෝධිත භාණ්ඩ ප්‍රවාහන ගාස්තුව මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 31.50ක් බව සඳහන් කරමින් 2023.07.24 දිනැතිව ලිපියක් අදිරියන් කර තිබේ (ඇමුණුම - 03).

ඒ අනුව, මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 31.50ක් ලෙස දී ඇති භාණ්ඩ ප්‍රවාහන ගාස්තුව ලංකා නැව සංස්ථාවට ගලපා ගත හැකි ද යනුවෙන් ලංකා ගල් අඟුරු සමාගම විසින් 2023.07.27 දිනැතිව ලිපියක් යොමුකරන ලදී. ලංසු ලේඛනයේ 2.7.1.3 වගන්තිය ප්‍රකාරව, භාණ්ඩ ප්‍රවාහන ගාස්තුව ගලපා ගැනීම සඳහා ලංකා නැව සංස්ථාව වෙත 2023.08.02 අවසන් වූ දිනට දින 04ක් ලබා දී තිබුණු අතර, ලංකා නැව සංස්ථාව වෙතින් කිසිදු ප්‍රතිචාරයක් නොලැබුණි. ඒ අනුව, ලංකා නැව සංස්ථාවෙන් ප්‍රතිචාරයක් ලබාගැනීම සඳහා අමතර එක් දිනක් ලබා දීම පිණිස ලංකා ගල් අඟුරු සමාගම විසින් දීර්ඝ කළ දිනයෙන් පසුව භාණ්ඩ ප්‍රවාහන ගාස්තුව ගැලපීමේ දිනය දීර්ඝ කළ නොහැකි බව ලංකා නැව සංස්ථාව වෙත දැනුම් දෙන ලදී. Coral Energy DMCC විසින් ඉදිරිපත් කරන ලද භාණ්ඩ ප්‍රවාහන ගාස්තුව ලංකා නැව සංස්ථාවට ගලපා ගැනීමට නොහැකි වූ බැවින්, ගල් අඟුරු මෙට්‍රික් ටොන් එකක් ඇමෙරිකානු ඩොලර් 31.50ක භාණ්ඩ ප්‍රවාහන ගාස්තුවකට මෙට්‍රික් ටොන් 300,000 ± 10% ක සැපයීමට Coral Energy DMCC වෙත නිර්දේශ කරන ලදී.

03. නිර්දේශ

ඉහත සියල්ල සලකා බලමින්;

අ. 2023 ඔක්තෝබර් මාසය ඇතුළත ලක්ෂ්‍යය බලාහොරයට ගල් අඟුරු මෙට්‍රික් ටොන් 300,000 ± 10%ක් සැපයීම මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 128.49ක (ඇමෙරිකානු ඩොලර් එකසිය විසි අටයි හතලිස් නවයක් පමණි) (ගල් අඟුරු FOB කප්පාදු කළ මිල මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 96.99 ක් සහ භාණ්ඩ ප්‍රවාහනය මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 31.50 ක් වේ) මිරිවැය හා භාණ්ඩ ප්‍රවාහනය (ලුත්කලම්) අගයට සාරාකුනුල ඉතිහාරත්මක ඇගයීම් කරන ලද අවම ලංසුව ඉදිරිපත් කර ඇති M/s. CORAL ENERGY DMCC- Unit 3902, Platinum Tower, Plot No. JLT-PHI-12 Jumeriah Lakes Towers, Dubai UAE වෙත ප්‍රදානය කිරීම (මිල ගැලපීම් සහ අදාළ බදු හැරුණු පසුව මෙම ප්‍රසම්පාදනයේ මිරිවැය හා භාණ්ඩ ප්‍රවාහන ගාස්තු ශ්‍රී ලංකා මහ බැංකුව විසින් 2023/07/21 දිනට ප්‍රකාශිත ඇමෙරිකානු ඩොලර් 325.2204 අනුභාකියට අනුව ඇමෙරිකානු ඩොලර් මිලියන 38.55 ±10% - ආසන්න වශයෙන් ශ්‍රී ලංකා රුපියල් මිලියන 12,536 ±10%ක් පමණ වනු ඇත ),

ආ. සාර්ථක ලංසුකරුට ගෙවිය යුතු ගල් අඟුරු මෙට්‍රික් ටොන් එකකට FOB කප්පාදු කළ මිල ලංසු ලේඛනයේ 5.5 සහ 5.6වගන්තිය යටතේ දක්වා ඇති ගල් අඟුරුවල ප්‍රමිති මිල ගැලපීම් අනුව ගැලපීම,

ඇ. ලංසුකරු විසින් විකල්ප වරායක් ලෙස සඳහන් කර ඇති 'ලෝකයේ මිනෑම ආරක්ෂිත වරායක් (AWSP)" භාවිතා කිරීමට ලංසුකරුට අවසර ලබාදීම, සහ

ඈ. බැංකු ගාස්තු, නිෂ්කාශන ගාස්තු, ප්‍රවාහන ගාස්තු යනාදිය ඇතුළුව මෙම ප්‍රසම්පාදනයට අදාළ නමුත් ඊට සීමා නොවන අනෙකුත් සියලුම ගාස්තු සැබෑ ලෙසම හා රේඛු ප්‍රකාශනයට (CUSDEC) අනුව වරාය ඔවන්කොටුපල සංවර්ධන බද්ද හා එකතු කළ අගය මත බද්ද අදාළ වන පරිදි ගෙවීම

සඳහා අමාත්‍ය මණ්ඩලයේ ආවරණ අනුමැතිය අපේක්ෂා කරමි.

අත්/සඳළු: කංචන විජේසේකර (මහ.මි.)
විදුලිබල හා බලශක්ති අමාත්‍ය
2023. 09. 19

අමාත්‍ය මණ්ඩල කාර්යාලය
அமைச்சரவை அலுவலகம்
OFFICE OF THE CABINET OF MINISTERS

CABINET DECISION අමාත්‍ය මණ්ඩල තීරණය அமைச்சரவைத் தீர்மானம்

මගේ අංකය: අමප/23/0609/621/026 2023 අප්‍රේල් මස 04 දින.

**පිටපත්:**

ජනාධිපති ලේකම්.
අග්‍රාමාත්‍ය ලේකම්.
විදේශ කටයුතු අමාත්‍යාංශයේ ලේකම්.
ශ්‍රී ලංකා මහ බැංකුවේ අධිපති.
විගණකාධිපති.

**ක්‍රියා කළ යුතු:**

වුදල්, ආර්ථික ස්ථායිකරණ සහ
ජාතික ප්‍රතිපත්ති අමාත්‍යාංශයේ ලේකම්.
විදුලිබල හා බලශක්ති අමාත්‍යාංශයේ ලේකම්.
සභාපති, ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම.

**නොරොච්චෝලේ ලක්විජය ගල් අඟුරු බලාගාරය සඳහා 2023 සහ 2024 ඉදිරි වාරය වෙනුවෙන් ණය පදනම මත දීර්ඝකාලීන ටෙන්ඩරයක් හරහා ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 2.25 (±10%)ක් ප්‍රසම්පාදනය කිරීම**

(විදුලිබල හා බලශක්ති ගරු ඇමතිතුමා ඉදිරිපත් කළ 2023-03-24 දිනැති සංදේශය)

2023 මාර්තු මස 27 දින පැවැත්වුණු අමාත්‍ය මණ්ඩල රැස්වීමේදී ඉහළ තීරණයක් අවශ්‍ය කටයුතු සඳහා මේ සමඟ එවා ඇත.

ඩබ්ලිව්.එම්.ඩී.ජේ.ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්.

35. අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 23/0609/621/026 වූ, "නොරොච්චෝලේ ලක්විජය ගල් අඟුරු බලාගාරය සඳහා 2023 සහ 2024 ඉදිරි වාරය වෙනුවෙන් ණය පදනම මත දීර්ඝකාලීන ටෙන්ඩරයක් හරහා ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 2.25 (±10%)ක් ප්‍රසම්පාදනය කිරීම" යන මැයෙන් විදුලිබල හා

→ 2

මෙම තීරණය සම්බන්ධයෙන් වැඩිදුර තැනැදිලි කර ගැනීමට අවශ්‍ය නම් කරුණාකර 0112395279 හෝ 0112422276 දුරකථන අංක මඟින් අමාත්‍ය මණ්ඩල ලේකම් වෙමෙහි දැනුවත් කරන්න.

බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2023-03-24 දිනැති සංදේශය - ඉහත සඳහන් සංදේශය, පහත සඳහන් කරුණු සමඟ මෙම රැස්වීමේදී සලකා බලන ලදී:

(I) මුදල්, ආර්ථික ස්ථායිකරණ සහ ජාතික ප්‍රතිපත්ති ඇමතිතුමාගේ 2023-03-27 දිනැති නිරීක්ෂණ;

(II) නොරොච්චෝලේ ලක්විජය ගල් අඟුරු බලාගාරය සඳහා අවශ්‍ය සම්පූර්ණ ගල් අඟුරු ප්‍රමාණය සැපයීම සඳහා එක් සැපයුම්කරුවෙකු පමණක් කෝරා ගැනීම මඟින් ඇති විය හැකි අවදානම අවම කිරීම පිණිස දිගුකාලීන මෙන්ම ක්ෂණික පදනම මත ගල් අඟුරු සැපයීම සඳහා සැපයුම්කරුවන් කිහිපදෙනෙකු තෝරා ගැනීම යෝග්‍ය බව පෙන්වා දෙමින් විදුලිබල හා බලශක්ති ඇමතිතුමා විසින් සංදේශයේ සඳහන් නිර්දේශ සම්බන්ධයෙන් සිදු කරන ලද වැඩිදුර කරුණු පැහැදිලි කිරීම්;

(III) අමාත්‍ය මණ්ඩලයේ සාමාජිකයින් කිහිපදෙනෙකු විසින් ඉදිරිපත් කරන ලද පහත සඳහන් අදහස් දැක්වීම්:

(අ) යෝජිත ප්‍රසම්පාදනයට අදාළව ලංසු සුරක්ෂණයන් සහ කාර්යසාධන සුරක්ෂණයන් නියමිත පරිදි ලබා ගැනීම අනිවාර්ය කළ යුතු බව;

(ආ) ආයතන වැඩි සංඛ්‍යාවකට නරඟකාරී පදනමින් මෙම ප්‍රසම්පාදන ක්‍රියාවලියට සහභාගි වීමට හැකි වන පරිදි උනන්දුවක් දක්වන සැපයුම්කරුවන්ට ලංකා ගල් අඟුරු (පුද්ගලික) සමාගමේ ලියාපදිංචි වීම සඳහා සාධාරණ කාලයක් ලබා දීමෙන් අනතුරුව, යෝජිත ප්‍රසම්පාදන ක්‍රියාවලිය ආරම්භ කිරීම යෝග්‍ය බව; සහ

(ඇ) ඒට පෙර කුමන හෝ රටකට ගල් අඟුරු සැපයීමේ පළපුරුද්ද සහිත සැපයුම්කරුවන්ට සංදේශයේ යෝජිත ප්‍රසම්පාදන ක්‍රියාවලියට සහභාගි වීම සඳහා අවස්ථාව සලසා දීම යෝග්‍ය බව.

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මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, පහත සඳහන් පරිදි අනුමැතිය ලබා දීමට තීරණය කරන ලදී:

(i) ඉහත (III) යටතේ දක්වා ඇති අදහස් දැක්වීම්වලට අනුගතව කටයුතු කිරීමට යටත්ව, සංදේශයේ 03 ඡේදයෙහි සඳහන් (අ) සහ (ආ) නිර්දේශ සඳහා;

(ii) සංදේශයේ 03 ඡේදයෙහි සඳහන් (ඇ) නිර්දේශය සඳහා; සහ

(iii) සංදේශයේ 03 ඡේදයෙහි සඳහන් (ඇ) නිර්දේශය සම්බන්ධයෙන් මුදල්, ආර්ථික ස්ථායීකරණ සහ ජාතික ප්‍රතිපත්ති ඇමතිතුමා විසින් ඉදිරිපත් කරනු ලැබ ඇති නිරීක්ෂණවල අවසන් ඡේදයෙහි දක්වා ඇති කරුණු කෙරෙහි නිසි සැලකිල්ලක් යොමු කරමින්, 2023 සහ 2024 ඉදිරි වාරයේ ගල් අඟුරු අවශ්‍යතාවයෙන් වැඩි ප්‍රමාණයක් හැකිතාක් දුරට දිගුකාලීන සැපයුම්කරුවන් වෙතින් සපයා ගැනීමට යටත්ව, එකී නිර්දේශය සඳහා.

තවද, මෙම තීරණය සම්මත කරනු ලැබූ සේ සැලකීමටත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම සඳහා අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: **මුදල්, ආර්ථික ස්ථායීකරණ සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශය**
**විදුලිබල හා බලශක්ති අමාත්‍යාංශය** - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස - ඉහත නිරීක්ෂණ යා කොට ඇත.
**සභාපති, ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම** - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.

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පිටපත්: ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
විදේශ කටයුතු අමාත්‍යාංශය - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
ශ්‍රී ලංකා මහ බැංකුවේ අධිපති - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.

විදුලිබල හා බලශක්ති අමාත්‍යාංශය
மின்சக்தி மற்றும் வலுசக்தி அமைச்சு
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රාජසිංහගේ
23/0609/621/026
35

මගේ අංකය: MOPE/SEC/COM/2023
உமது இல.
Your No:
திகதி: 24.03.2023
Date

අමාත්‍ය මණ්ඩල සංදේශ අංක: 21/2023/PE

# අමාත්‍ය මණ්ඩල සංදේශය

**නොරොච්චෝලේ ලක්විජය ගල් අඟුරු බලාගාරය (LVPP) සඳහා 2023-2024 ඉදිරි සමය සඳහා ණය පහසුකම් මත දිර්ඝ කාලීන ටෙන්ඩරයක් හරහා ගල් අඟුරු මෙ.ටොන් මිලියන 2.25 (±10%) ප්‍රසම්පාදනය කිරීම.**

## 01. පසුබිම

ලක්විජය ගල් අඟුරු බලාගාරය (LVPP) මූලික බර බලාගාරයක් ලෙස ක්‍රියාත්මක වන අතර රටේ සමස්ත විදුලි අවශ්‍යතාවයෙන් 40% සිට 50% දක්වා ජනනය කරයි. ලක්විජය ගල් අඟුරු බලාගාරය සඳහා මුළු වාර්ෂික ගල් අඟුරු අවශ්‍යතාවය වාරයකට මෙට්‍රික් ටොන් මිලියන 2.25 (±10%) වේ. ප්‍රසම්පාදන ක්‍රියාවලියේ කාර්ය පටිපාටික දුෂ්කරතා අවබෝධ කර ගනිමින් අමාත්‍ය මණ්ඩලය විසින් 2015.07.22 දින ගනු ලැබූ ප්‍රතිපත්තිමය තීරණයට අනුව ඉහත ගල් අඟුරු අවශ්‍යතාවයෙන් කොටසක් දිගු කාලීන ටෙන්ඩරයක් මගින් සපුරාගෙන ඉතිරි කොටස, ක්ෂණික මිළදී ගැනීම් ටෙන්ඩර් 4ක් හෝ 5ක් මගින් ලබා ගනේ. එකැන් සිට, මෙම ප්‍රතිපත්තිමය තීරණය 2021 දක්වා පවත්වාගෙන ගිය අතර ඒ අනුව ලංකා ගල් අඟුරු සංගමය (LCC) විසින් ලක්විජය ගල් අඟුරු බලාගාරය වෙත අබණ්ඩව ගල් අඟුරු සපයන ලදී. මෙසේ වෙතත්, 2022 වර්ෂයේදී ඉහත සඳහන් දිගුකාලීන ටෙන්ඩරයට අදාළව සැලසුම් කළ පරිදි ණයවර ලිපි (LCs) 37 න් ණයවර ලිපි 06 ක් පමණක් විවෘත කිරීමට මහජන බැංකුවට සිදු වූයේ එවකට රට තුළ පැවති විදේශ විනිමය හිඟය හේතුවෙනි. ඉතිරි ණයවර ලිපි 25 මහජන බැංකුව විසින් විවෘත කරන ලද්දේ ශ්‍රී ලංකා මහ බැංකුව විසින් සැපයූ ඇපකර ඉදිරිපත් කිරීම මත පමණි. තවත් නැවතොග දෙකක් (02) වැදුලි පණිවුඩ හුවමාරු (Telegraph Transfer ) මෙවීම් හරහා ගොඩබාන්න ලදී. ක්ෂණික මිළදී ගැනීම් - 05 ටෙන්ඩරය යටතේ ප්‍රදානය කරන ලද නැවතොග අටෙන් (08) නවත් නැවතොග දෙකක් (02) සැපයුම්කරුගේ කැමැත්ත මත සහ අමාත්‍ය මණ්ඩලයේ අනුමැතිය ඇතිව රිළහා වාරයට මාරු කරන ලදී.

2017 වසරේ සිට මේ දක්වා කාලය තුළ ඔස්ට්‍රේලිය ගල් අඟුරු මිල මෙට්‍රික් ටොන් එකකට ඇමෙරිකානු ඩොලර් 70 සිට 300 දක්වා ඉහළ ගොස් ඇති බව නිරීක්ෂණය වී ඇති අතර, ඇමෙරිකානු ඩොලරයට සාපේක්ෂව ශ්‍රී ලංකා රුපියලෙහි විනිමය අනුපාතය ද ශ්‍රී ලංකා රුපියල් 152 සිට 359 දක්වා ඉහළ ගොස් ඇත. මෙම පසුබිම තුළ ගල් අඟුරු ප්‍රසම්පාදනය සඳහා දරන ලද වියදම් සියවා ගැනීමට ප්‍රමාණවත් නරම් ශ්‍රී ලංකා රුපියල් සහ විදේශ විනිමය දුවශීලතාවක් ඇති කර ගැනීමට නොහැකි වූ තීරණාත්මක තත්ත්වයකට ලංකා විදුලිබල මණ්ඩලයට (CEB) මුහුණ දීමට සිදු විය. මෙම සියලු බාධක සලකා බැලීමේදී, ලංකා ගල් අඟුරු සමාගම විසින් දින 180 ක ණය පහසුකමක් මත ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 4.5 (±10%) (LCC/22/TT/1) ප්‍රසම්පාදනය



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සඳුන් ශාන්තන්තර තරඟකාරී ලංසු කැඳීමේ (ICB) පටිපාටිය අනුගමනය කරමින් දිගුකාල කොන්ත්‍රාත්තුවක් නැවරීමට කියවර ගන්නා ලදී. ඒ අනුව, 2022.09.22 දිනැති අමාත්‍ය මණ්ඩලයේ අනුමැතිය මත ප්‍රසම්පාදන ක්‍රියාවලිය ආරම්භ කරන ලද අතර, කොන්ත්‍රාත්තුව සාරාංශකුලව අගයා ලද ලංසුකරුට ලබා දෙන ලදී. කෙසේ වෙතත්, කාර්ය සාධන ආරක්ෂණයක් ඉදිරිපත් කිරීමට සැපයුම්කරු අසමත්වීම් හේතුවෙන් 2022.09.22 දිනැති අමාත්‍ය මණ්ඩලයේ අනුමැතිය මත කොන්ත්‍රාත්තුව අවලංගු කිරීමට සිදුවිය.

ඉහත වාර වෙන්ඩරය අවලංගු කිරීමෙන් පසුව, ගල් අඟුරු මෙට්‍රික් ටොන් 300,000ක් (±10%) ප්‍රසම්පාදනය සඳහා 2022.09.29 දින අමාත්‍ය මණ්ඩලයේ අනුමැතිය ඇතිව ක්ෂණික මිළදී ගැනීම් වෙන්ඩරයක් (LCC/22-23/ST/29/1) ඉදිරිපත් කරන ලද අතර සැපයුම්කරුවන් නිසිවෙක් අවශ්‍ය සුදුසුකම් නිර්ණායක, විශේෂයෙන්ම ලංසු ලේඛනයේ දක්වා ඇති මාස තයක ණය කාලය ලබා දීම පිළිබඳ නිර්ණායකය, සපුරා නොතිබුණි. කෙසේ වෙතත්, ලංකා ගල් අඟුරු සමාගම විසින් යෝජනා කරන ලද ගෙවීම් නියමයන් වෙනුවට, ලංසුකරුවන් විසින් 60% ක අත්තිකාරම් ගෙවීමත් හෝ ගල් අඟුරු ගොඩබැමට පෙර 100%ක පෙර-ගෙවීම් කිරීම වැනි විකල්ප ගෙවීම් නියමයන් ඉදිරිපත් කර තිබුණි. ඊට සමගාමීව, ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 225ක් (±10%) ප්‍රසම්පාදනය සඳහා දිගුකාලීන වෙන්ඩරයක් (LCC/22/TT/2) 2022.10.03 දින ඉදිරිපත් කරන ලදී. මෙම වෙන්ඩරය ද සාරාංශකුලව ප්‍රතිවාර නොදැක්වූ වෙන්ඩරයක් ලෙස සලකනු ලැබූ අතර, විශේෂයෙන්ම ගෙවීම් නියමයන් සම්බන්ධයෙන් ලංසුකරුවන්ගේ කොන්දේසි සහිත පිටකැඳීම් හේතුවෙන්, ඉහත සඳහන් කළ ක්ෂණික මිළදී ගැනීම් වෙන්ඩරය සම්බන්ධයෙන් ඇති වූ සමාන හේතු මත අවලංගු කර ඇත.

වෙන්ඩර් දෙකක් අනුක්‍රමිකව අවලංගු කිරීම නිසා ඇතිවූ ගල් අඟුරු හිඟය දුර්වල සැපයුම් හේතුවෙන් ලක්විජය ගල් අඟුරු බලාගාරයෙහි අඛණ්ඩ ක්‍රියාකාරිත්වය සීමා විය. එබැවින්, ලක්විජය ගල් අඟුරු බලාගාරයෙහි පැවති ගල් අඟුරු තොගය 2022 ඔක්තෝම්බර් මස මැද භාගය දක්වා පමණක් විදුලිය නිපදවීමට ප්‍රමාණවත් වූ හෙයින්, 2022 දෙසැම්බර් මාසයේදී ගොඩබැමට මුලින් සැලසුම් කර තිබූ, 2021 දී ප්‍රදානය කරන ලද වාර වෙන්ඩරයෙන් නැවතුණ 19 ක් සහ ක්ෂණික මිළදී ගැනීම් - 05 වෙන්ඩරයෙන් නැවතුණ කිරීම් ඇතක් (02) 2022 ඔක්තෝබර් සහ නොවැම්බර් මාස දක්වා ඉදිරියට ගෙන යාමට හදිසි ක්‍රියාමාර්ග කෙරුණි.

ශේෂ නැවතුණ සැපයීම් ඉක්මන් කිරීමට සමගාමීව, හදිසි සහ සුවිශේෂී තත්ත්වයන් සැලකිල්ලට ගනිමින්, ණය පහසුකම් මත රජයන්-නා-රජයන් (G to G) අතර පදනම් මත අපේක්ෂිත සැපයුම්කරුවන්ගෙන් යෝජනා කැඳවා ගල් අඟුරු ප්‍රසම්පාදනය සඳහා සියවර ගෙන ඇත. ගල් අඟුරු මෙට්‍රික් ටොන් 720,000ක් (± 10%) ප්‍රසම්පාදනය කිරීමේ එවැනි මුලපිරීමක් සඳහා අමාත්‍ය මණ්ඩලය විසින් 2022.12.12 දින අනුමැතිය ලබා දී ඇත.

02. වර්තමාන තත්ත්වය සහ සාධාරණීකරණය

අමාත්‍ය මණ්ඩල අනුකමිටුවේ උපදෙස් අනුව, ගල් අඟුරු සැපයීමේ කොන්ත්‍රාත්තුව අවම මිළ ගණන් ඉදිරිපත් කළ හා සාරාංශකුලව අගයන ලද ලංසුකරු වන ඉන්දුනීසියාවේ PT Arista Mitra Jaya වෙත ලබා දීමට අමාත්‍ය මණ්ඩලය විසින් පත් කරන ලද විශේෂ ස්ථාවර ප්‍රසම්පාදන කමිටුව සහ කාන්ෂණික ඇගයීම් කමිටුව නිර්දේශ කර ඇත. ඉන්දුනීසියාවේ PT Arista Mitra Jaya විසින් ප්‍රතිවාර දක්වා නොමැති අතර පසුව අමාත්‍ය මණ්ඩල අනු කමිටුව විසින් ඇගයීම් නිර්ණායකයක් ස්ථාපිත කර ඇති අතර, 2022.12.19 දිනැති අංක 22/1872/621/014/VIII දරන කැබිනට් තීරණය මත පදනම්ව ඉහිරි සියලුම සැලකිය යුතු ප්‍රතිවාර දක්වන ලංසුකරුවන් සමඟ සාකච්ඡා කරන ලෙස අමාත්‍ය මණ්ඩලය විසින් පත් කරන ලද විශේෂ ස්ථාවර ප්‍රසම්පාදන කමිටුව වෙත උපදෙස් දෙන

ලදී. එහෙතුකුලව ප්‍රතිචාර දක්වන ලද ලංසුකරුවන් කීදෙනාගෙන් තුන්වන ශ්‍රේණිගත ලංසුකරු දක්වා ඇති නිර්ණායක මත ගල් අඟුරු සැපයීම් ප්‍රතික්ෂේප කර ඇති අතර ආරක්ෂිත සීයවරක් ලෙස ගල් අඟුරු සැපයීමේ කොන්ත්‍රාත්තුව ප්‍රදානය කිරීම සඳහා මෙම සාකච්ඡාවෙන් ලංසුකරුවන් දෙදෙනෙකු තෝරා ගන්නා ලද අතර ඔවුන්ට පහත පරිදි සැපයීමේ කොන්ත්‍රාත්තුව ප්‍රදානය කරන ලදී.

අ. මෙම වාරය සඳහා ඉදිරිපත් කරන ලද නැවගත කිරීම් 12 න් නැවගත කිරීම් 04 ක් සහ ඉතිරි නැවතොග සැපයීම් 08 ඊළඟ වාර කොන්ඩරයෙන් සැපයීමට ඇමෙරිකානු ඩොලර් 100,000 ක කාර්ය සාධන බැඳුම්කරයක් ලබා දී ඇති, දෙවන ශ්‍රේණිගත ලංසුකරු වන Combasi Industries Development Limited වෙත ප්‍රදානය කරන ලද අතර,

ආ. ඇමෙරිකානු ඩොලර් මිලියන 5.0 ක කාර්ය සාධන බැඳුම්කරයක් සපයා ඇති සිව්වන ශ්‍රේණිගත ලංසුකරුවන Coral Energy DMCC වෙත මෙම වාරය සඳහා නැවතොග සැපයීම් 08 ක් සහ ඊළඟ වාරයේදී ඉතිරි නැවතොග 04 සැපයීමේ කොන්ත්‍රාත්තුව ප්‍රදානය කරන ලදී.

ඒ අනුව, ඉහත ක්‍රියාවලිය හරහා තෝරාගත් සැපයුම්කරුවන් දෙදෙනෙක් නැවගත කිරීම් 24ක් යටතේ ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 1.44ක් (±10%) සපයයි. මෙය 2023 නොවැම්බර් අවසානය දක්වා ඉගෙඩබැමට නියමිත අතර 2024 ජනවාරි දක්වා ලක්ෂ්‍යය ගල් අඟුරු බලාගාරයේ ගල් අඟුරු වෙරහැරවල පැහැදිලි කරයි.

කෙසේ වෙතත්, ලංකා ගල් අඟුරු සමාගම විසින් නිශ්චිතව දක්වා ඇති කොන්දේසි අනුව ක්‍රියා කිරීමට Combast Industries Development Pvt. Ltd. අපොහොසත් වී ඇත. Coral Energy DMCC දැනට ගල් අඟුරු සපයමින් සිටින අතර පළමු නැවතොගය දැන් පැමිණ ඇත. සැපයුම්කරු විසින් සපයන ලද නැව් වාරසටහනට අනුව ඉතිරි නැවතොග සැපයීම් මිදී වෙමින් පවතී.

දැනට පවතින ගල් අඟුරු තොගය 2023 ඔක්තෝම්බර් දක්වා විදුලිය නිපදවීමට සමඟක් ප්‍රමාණවත් බැවින්, 2023/2024 වාරය සඳහා ප්‍රසම්පාදන ක්‍රියාවලිය ආරම්භ කිරීම අත්‍යවශ්‍ය වේ. ආර්ථිකය ක්‍රමයෙන් ස්ථාවර වෙමින් පවතින නිසාත් විදේශ විනිමය ප්‍රශ්නය නිරාකරණය වෙමින් පවතින නිසාත්, වාර්ෂික ගල් අඟුරු අවශ්‍යතාවය වන ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 2.25ක් (10%) ප්‍රසම්පාදනය සඳහා, 2015.07.22 දිනැති අමාත්‍ය මණ්ඩලයේ තීරණයට අනුව, පෙර ප්‍රසම්පාදන පිළිවෙත අනුගමනය කරමින්, ලංකා ගල් අඟුරු සමාගමෙහි ලියාපදිංචි ගල් අඟුරු සැපයුම්කරුවන්ගෙන් දිගුකාලීන කොන්ඩරයක් සහ ක්ෂණික මිළදී ගැනීම් 4 - 5 ක් කැඳවීම මගින් සපයා ගැනීමට යෝජනා කෙරේ.

03. නිර්දේශ

ඉහත සියලු කරුණු සලකා බැලීමෙන් අනතුරුව:

අ. 2023-2024 ඉදිරි වාරය සඳහා නොරොච්චෝලේ ලක්ෂ්‍යය ගල් අඟුරු බලාගාරයට ගල් අඟුරු මෙට්‍රික් ටොන් මිලියන 2.25 (±10%) ක් ප්‍රසම්පාදනය කිරීම අදාළ රීති පහසුකම් යටතේ ලංකා ගල් අඟුරු සමාගමේ ලියාපදිංචි සැපයුම්කරුවන්ගෙන් දිගුකාලීන කොන්ඩරයක් කැඳවීම සඳහා,

ඈ. ඖෂධවල ලිපි ගහපුකම් යවීමෙන් බල අතුරු ඵලයා කැනීමට වගමින් විවිධාකාර අය කරනම් ශ්‍රී ලංකා බල අතුරු සමාගමේ ලියාපදිංචි සැපයුම්කරුවන්ගෙන් දිගුකාලීන වෙන්ඩරයක් කැඳවීම සඳහාද,

ඇ. තාක්ෂණික ඇගයීම් කමිටුව පත් කිරීමට මුදල්, කාර්මික ප්‍රායෝජකත්ව සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශයේ ලේකම්වරයාට බලය පැවරීම සහ දැනට පවතින අමාත්‍ය මණ්ඩලය විසින් පත් කරන ලද ප්‍රධාන ප්‍රසම්පාදන කමිටුව ඇගයීමේ ක්‍රියාවලිය සඳහා සහ අමාත්‍ය මණ්ඩලය වෙත නිර්දේශ ඉදිරිපත් කිරීම සඳහා බලගැන්වීම සහ,

ඈ. මෙම අනුගමනය කරන ලද වඩාත් වලදායී ක්‍රමය අනුගමනය කරමින් අදාළ වාරතයේ බල අතුරු අවශ්‍යතාවයෙන් 50% ක් ක්ෂණික මිළදී ගැනීම වෙන්ඩර හරහා ප්‍රසම්පාදනය සඳහාද,

අමාත්‍ය මණ්ඩලයේ අනුමැතිය අපේක්ෂා කරමි.

අත්සන් කලේ: කාංචන විජේසේකර (පා.ම.)
වීදුලිබල හා බලශක්ති ඇමති
2023.03.24

CORAL energy

Unit No: 3902, Platinum Tower
Plot No: JLT-PH1-I2
Jumeirah Lakes Towers
Dubai, UAE
www.coralenergy.ch

18th September 2023

The Chairman,
Lanka Coal Company (Private) Limited
No 51/3, Suranimala Place,
Off Dutugamunu street,
Kohuwala / Dehiwala
Sri Lanka

Dear Sir,

RE: AWARD LETTER REF: LCC/OP/AW/TT/23/1 DATED 18.09.2023

This refers to the award letter dated 18.09.2023 received today, 18.09.2023.

We shall refer you to our letter dated 14.09.2023 which was sent to you the same date, 14.09.2023. This letter stated that we called back and cancelled our bid under Term Tender No. LCC/23/TT/1

The reasons of this cancellation were stated in this letter. So, we regret to let you know that your award is not binding for us and legitimate. Despite the above stated we are open to mutually profitable deals in the future.

Yours truly,

Coral Energy DMCC

Samer Al Halawani
Director

DMCC DUBAI - U.A.E. CORAL ENERGY DMCC

ඇමුණුම 12


කැබිනට් කාර්යාල ඇමතිතුමා කාර්යාලය
+94 11 2422439

ජනාධිපති ලේකම් කාර්යාලය
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+94 11 2389120
Fax Nos.
+94 11 2389131

www.cabinetoffice.gov.lk
Annexure - 01
info@cabinetoffice.gov.lk


126 SEP 2023


අමාත්‍ය මණ්ඩල කාර්යාලය
அமைச்சரவை அலுவலகம்
OFFICE OF THE CABINET OF MINISTERS

අමාත්‍ය මණ්ඩල කාර්යාලය ඉවත මහලේ ගොඩනැගිල්ල, කොළඹ 01.
கொள்கலன் கட்டடம், 3வது மாடி, கொழும்பு 01.
Lloyd's Building, 3rd Floor, Colombo 01.


අපගේ අංකය: 23/1796/621/026-II
உமது இல.: Your No:
දිනය: 2023-09-26

හදිසියි - රහසිගතයි

ඒ.බී.ඩී.ඩබ්.එස්. මිහාරා පතිරණ මහතා
ලේකම්
විදුලිබල හා බලශක්ති අමාත්‍යාංශය
ෆැක්ස්: 2564362

ඇමතිතුමා දැනගැනීමට
ඉ/ස (කාර්යාලය)
26/09

**අමාත්‍ය මණ්ඩල තීරණය**

2023-09-25 දින පැවති අමාත්‍ය මණ්ඩල සාමාන්‍ය රැස්වීමේ පහත සඳහන් තීරණය ගන්නා ලදී.

**විෂය අංක: (39)**

අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 23/1796/621/026-II දරණ "**2023 සැප්තැම්බර් සිට 2024 දෙසැම්බර් දක්වා කාලපරිච්ඡේදය සඳහා සුක්තලම් ලක්ෂ්‍යය බලාගාරය වෙත මෙදිනික්වොත් මිලියන 2.25 x 10%ක ඉල් අඟුරු ප්‍රමාණයක් ගෙන්වීම**" යන මැතයක් විදුලිබල හා බලශක්ති අමාත්‍යාංශය ඉදිරිපත් කළ 2023-09-21 දිනැති පාරදේශය - (අමාත්‍ය අංක 23/1640/621/026-I/විවිකාර් මිළිබඳව වූ 2023-09-11 දිනැති අමාත්‍ය මණ්ඩල තීරණයේ අඩංගුව) ඉහත සඳහන් පාරදේශය මුදල්, ආර්ථික ස්ථායීකරණ සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශයේ නිර්දේශය සමඟ සලකා බැලූ විට එම මිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, පාරදේශයේ 03 ඡේදයෙහි සඳහන් (අ) සිට (ඉ) දක්වා වන නිර්දේශ සඳහා අනුමැතිය ලබා දීමට තීරණය කරන ලදී.

තවද, මෙම තීරණය පතිමින සාකච්ඡා වෙමින් පැවතියිදීම, ඒ අනුව අවසන් තීරණයක් ගැනීම සඳහා අදාළ පාර්ශවයන් දැනුවත් කිරීම සඳහා අමාත්‍ය මණ්ඩල ලේකම්වරයා වෙත ලිඛිතව දැනුම් දීමට තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: විදුලිබල හා බලශක්ති අමාත්‍යාංශය - අවශ්‍ය නීතිමය පියවර ගනිමින්

පිටපත්: **ජනාධිපති ලේකම්** - පාරදේශයේ විවිධතාව හා ඉහත තීරණය යා කොට ඇත.
**අග්‍රාමාත්‍ය ලේකම්** - පාරදේශයේ විවිධතාව හා ඉහත තීරණය යා කොට ඇත.
**මුදල්, ආර්ථික ස්ථායීකරණ සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශය**
**වරාය, නාවික හා ගුවන් සේවා අමාත්‍යාංශය** - පාරදේශයේ විවිධතාව හා ඉහත නිර්දේශ යා කොට ඇත.

එම්.එම්.ඩී.ජී.කේ. ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්


ඉදිරිපත් කරන්නේ: +94 11 2121444
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විශේෂ ඇමතිවරුන්ගේ අමාත්‍යාංශ: +94 11 2421111
+94 11 2421112
+94 11 2136199

நிதி, பொருளாதார உறுதிப்பாடு மற்றும் தேசியக் கொள்கைகள் அமைச்சு
MINISTRY OF FINANCE, ECONOMIC STABILIZATION AND NATIONAL POLICIES

செயலகம், கொழும்பு 01,
இலங்கை.

The Secretariat, Colombo 01,
Sri Lanka.

அலுவலகம் Office
தொலைநகல் Fax 011-2442832
இணையத்தளம் Website www.treasury.gov.lk

எனது இலக்கம் My No PFD/PMD/CM/2021/P&E/367
உமது இலக்கம் Your No CP 23/1796/621/026-II
திகதி Date 20.09.2023

## Cabinet Memorandum

Observations of the Minister of Finance, Economic Stabilization & National Policies

Ministry/Institution : Power and Energy

Subject & Date : Procurement of 2.25 million metric tons (MT) = 10% of coal for Puttalam Lakvijaya Power Plant for the period from October 2023 to December 2024.

21.09.2023

Proposals/ Requests : The approval of the Cabinet of Ministers is sought to

a. Cancel the contract awarded to M/S CORAL ENERGY DMCC, until 3902, Platinum Tower, Plot No. JLT-PHI-12 Jumeriah Lakes Towers, Dubai UAE to supply 2.25 million MT = 10% of coal,

b. Authorize Standing Cabinet Appointed Procurement Committee (SCAPC) to negotiate further with the other bidders as an effort to procure coal at the same price of which the successful bidder has originally agreed,

c. Authorize Standing Cabinet Appointed Procurement Committee (SCAPC) to call spot tender from registered suppliers giving a two week time period for the procurement of 300,000 MTs = 10% of coal (20th September – 04th October 2023)

d. Authorize SCAPC to call Expression of Interest (EOI) from registered suppliers for the Procurement of 2.25 million MT = 10% of coal as a measure of addressing the emergency situation subject to the conditions of giving one week time period and without entertaining appeals (20th -27th September 2023) and

c. Authorize SCAPC to award the contract Procurement of 2.15 million MT ± 10% of coal based on the outcome of the evaluation and subsequently submit the outcome of the decision for the covering approval of the Cabinet of Ministers considering the limited time available to secure layton schedule

Observations: I have no objection to the proposals under specific circumstances where limited time is available for the call of Expression of Interest and select a supplier of coal.

Ranil Wickremesinghe
Minister of Finance, Economic Stabilization and National Policies

රහසිගතයි

# අමාත්‍ය මණ්ඩල කාර්යාලය
# அமைச்சரவை அலுவலகம்
# OFFICE OF THE CABINET OF MINISTERS

**CABINET DECISION** **අමාත්‍ය මණ්ඩල තීරණය** **அமைச்சரவைத் தீர்மானம்**

මගේ අංකය: අමප/24/0548/621/034 2024 මාර්තු මස 26 දින.

පිටපත්:

ජනාධිපති ලේකම්.
නීතිපතිතුමා.
අග්‍රාමාත්‍ය ලේකම්.
මුදල්, ආර්ථික ස්ථායිකරණ සහ
ජාතික ප්‍රතිපත්ති අමාත්‍යාංශයේ ලේකම්.
අධිකරණ, බන්ධනාගාර කටයුතු හා ආණ්ඩුක්‍රම
ව්‍යවස්ථා ප්‍රතිසංස්කරණ අමාත්‍යාංශයේ ලේකම්.
විගණකාධිපති.

**ක්‍රියා කළ යුතු:**

විදුලිබල හා බලශක්ති අමාත්‍යාංශයේ ලේකම්.
සභාපති, සිමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම.

**2023/24 සහ 2024/25 ගල් අඟුරු සැපයුම් වාරය සඳහා ලක්විජය විදුලි බලාගාරය වෙත ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 2.25±10% සැපයීම සඳහා සිමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම සහ Black Sand Commodities FZ-LLC අතර අක්සත් කඩා ඇති LCC/23/PROP/1, දිඟුකාලීන චෙන්ඩර් ගිවිසුම් පැවරීම/අලුත් කිරීම**

(විදුලිබල හා බලශක්ති ගරු ඇමතිතුමා ඉදිරිපත් කළ 2024-03-18 දිනැති සංදේශය)

2024 මාර්තු මස 18 දින පැවැත්වුණු අමාත්‍ය මණ්ඩල රැස්වීමේදී ඉහළි තීරණයක් අවශ්‍ය කටයුතු සඳහා මේ සමඟ එවා ඇත.

එම්.කේ.ප්‍රදීප් කුමාර
අතිරේක ලේකම්

අ.කළේ/ඩබ්ලිව්.එම්.ඩී.ජේ.ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්

33. අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 24/0548/621/034 වූ, "2023/24 සහ 2024/25 ගල් අඟුරු සැපයුම් වාරය සඳහා ලක්විජය විදුලි බලාගාරය වෙත ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 2.25±10% සැපයීම සඳහා සිමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම සහ Black Sand Commodities FZ-LLC අතර අක්සත් කඩා ඇති LCC/23/PROP/1, දිඟුකාලීන චෙන්ඩර් ගිවිසුම් පැවරීම/අලුත් කිරීම"

→ 2

මෙම තීරණය සම්බන්ධයෙන් වැඩිදුර තැනැදිලි කර ගැනීමට අවශ්‍ය නම් කරුණාකර 0112325279 හෝ 0112422276 දුරකථන අංක මඟින් අමාත්‍යාංශ ලේකම් වරයා වෙත දැනුම් දෙන්න.

යන මැයෙන් විදුලිබල හා බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2024-03-18 දිනැති සංදේශය - (අමප අංක 23/1896/621/026-III/ඊඩීආර් පිළිබඳව වූ 2023-10-09 දිනැති අමාත්‍ය මණ්ඩල තීරණයට අදාළව) මෙම රැස්වීමේදී සභාගත කරන ලද ඉහත සඳහන් සංදේශය, එහි සඳහන් නිර්දේශ සම්බන්ධයෙන් විදුලිබල හා බලශක්ති ඇමතිතුමා විසින් සිදු කරන ලද වැඩිදුර කරුණු පැහැදිලි කිරීම් සමඟ සලකා බලන ලදී. මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, පහත සඳහන් පරිදි තීරණය කරන ලදී:

(i) සංදේශයේ 3 ඡේදයෙහි සඳහන් (3.1) සහ (3.2) නිර්දේශ සඳහා අනුමැතිය ලබා දීම; සහ

(ii) ඉහත (i) හි සඳහන් තීරණය පරිදි ඉසිරි ගල් අඟුරු තොගය සැපයීම සඳහා වගකීම් පවරනු ලබන ආයතනය සමඟ අදාළ ගිවිසුම්වලට එළඹීමෙන් අනතුරුව, එකී ආයතනය පිළිබඳ තොරතුරු අමාත්‍ය මණ්ඩලයේ දැනගැනීම සඳහා ඉදිරිපත් කිරීමට පියවර ගන්නා ලෙස විදුලිබල හා බලශක්ති අමාත්‍යාංශයේ ලේකම්ට නියම කිරීම.

තවද, මෙම තීරණය සම්මත කරනු ලැබූ සේ සැලකීමටත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම සඳහා අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: විදුලිබල හා බලශක්ති අමාත්‍යාංශය
සභාපති, සිමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම - සංදේශයේ පිටපතක් යා කොට ඇත.

පිටපත්: ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.
නීතිපතිතුමා - සංදේශයේ පිටපතක් යා කොට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.
මුදල්, ආර්ථික ස්ථායීකරණ සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශය - සංදේශයේ පිටපතක් යා කොට ඇත.
අධිකරණ, බන්ධනාගාර කටයුතු හා ආණ්ඩුක්‍රම ව්‍යවස්ථා ප්‍රතිසංස්කරණ අමාත්‍යාංශය - සංදේශයේ පිටපතක් යා කොට ඇත.

විදුලිබල හා බලශක්ති අමාත්‍යාංශය
மின்சக்தி மற்றும் வலுசக்தி அமைச்சு
MINISTRY OF POWER AND ENERGY

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මගේ අංකය / My No: PE/TEN/SCAPC/SP/2023/07
ඔබේ අංකය / Your No:
දිනය / Date: 18.03.2024

24/0548/621/034

අමාත්‍ය මණ්ඩල සංදේශ අංක: 19/2024/PE

## අමාත්‍ය මණ්ඩල සංදේශය

**2023-24 සහ 2024-25 ගල් අඟුරු සැපයුම් වාරය සඳහා ලක්විජය විදුලි බලාගාරය වෙත ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 2.25 ±10% සැපයීම සඳහා සීමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම (LCC) සහ Black Sand Commodities FZ-LLC (BSC) අතර අත්සන් තබා ඇති, LCC/23/PROP/1,දිගු කාලීන චෙන්ඩර් ගිවිසුම පැවරීම/අලුත් කිරීම**

1. පසුබිම

මෙහෙයුම් අවණ්ඩව සිදුකරගෙන යාම සඳහා හදිසි පියවරක් ලෙස සහ 2023.10.09 දිනැති අමාත්‍ය මණ්ඩල තීරණය පරිදි, 2023.10.05 දිනැති අංක 23/1896/621/026-III/TBR දරන ලංකා ගල් අඟුරු සමාගමේ ලියාපදිංචි ගල් අඟුරු සැපයුම්කරුවන්ගෙන් අභිලාෂ කැඳවීමෙන් 2023 ඔක්තෝබර්-2024 දෙසැම්බර් වාරය සඳහා ප්‍රත්තලම, ලක්විජය ගල් අඟුරු බලාගාරය සඳහා ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 2.25 ± 10% ක් ප්‍රසම්පාදනය කිරීමේ අමාත්‍ය මණ්ඩල සංදේශය වෙත අවධානය යොමු කරන ලදී (ඇමුණුම- 1).

අවණ්ඩ විදුලිබල සැපයුමක් පවත්වාගෙන යාම සඳහා ජාතික විදුලිබල පද්ධතියට දායකත්වය සපයන මෙහෙයොට 300 x 3 ප්‍රත්තලම, තොරොවිලේ, ලක්විජය ගල් අඟුරු බලාගාරය (LVPP) ජාතික ආර්ථිකයට විශාල දායකත්වයක් ලැබේ. එමඟින් ජාතික විදුලිබල පද්ධතියේ සමස්ත උත්පාදන අවශ්‍යතාවෙන් 40% - 45% ක් සපයනු ලැබේ. බලාගාරයේ ඒකක 3ම සඳහා දිනකට ගල් අඟුරු මෙට්‍රික් ටොන් 7,500ක් පමණ දහනය කිරීම සිදුවේ. නිරතදින මෝසම සමයේදී ඇතිවන අභිනකර මුහුදු තත්ත්වයන් හේතුවෙන් ප්‍රත්තලම නැංගුරම්පොළට ගල් අඟුරු බොඩමම සිදුකළ හැක්කේ සැප්තැම්බර් මැද සිට ඒප්‍රේල් අවසානය දක්වා වන දළ වශයෙන් දින 210ක් පමණ වන කාලය තුළ ය.

2. වත්මන් තත්ත්වය

ලංකා ගල් අඟුරු සමාගමේ (LCC) ලියාපදිංචි සැපයුම්කරුවන් අතරින් දිගු කාලීන චෙන්ඩරය සඳහා කරඅකාරී ලංසු තැබීමේ ක්‍රියාවලිය හරහා කෝරාගත් ඉහත කොන්ත්‍රාක්තුව අපගේ වත්මන් ගල් අඟුරු සැපයුම්කරු වන Black Sand Commodities (BSC) FZ-LLC විසින් 2023 ඔක්තෝම්බර් 20 දින දී අත්සන් තබන ලදී. වර්තමානය වන විට, ඔවුන් විසින් ආසන්න වශයෙන් නැවඟත කිරීම 38ක කොන්සාන්තුමය බැඳීමෙන් නැවඟත කිරීම් 15ක් සාර්ථකව සපයා ඇත (මීට වර්තමාන ගල් අඟුරු වාරය (2023-24) සඳහා නැවඟත කිරීම් 29ක් සහ ඉදිරි ගල් අඟුරු වාරය (2024-25) සඳහා ආසන්න වශයෙන් නැවඟත කිරීම් 9ක් ද ඇතුළත් වේ). සම්බාධක ගැවසුව අවසන් වන තෙක්

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වේම සඳහා අපේක්ෂාවෙන් සිටින නවක් නැවඟත කිරීම 2ක් මේ වනවිටත් පුන්කලම් නැංගුරම්පොළට පැමිණ තිබෙන අතර, නවක් නැවඟත කිරීම් 6ක් එම ගමනාන්තය වෙතම පැමිණෙමින් පවතී.

සැපයුම්කරු වන Black Sand Commodities FZ-LLC විසින් 2024 පෙබරවාරි 29 දින ඒඳුනුත් තැපැල් කරන ලංකා ගල් අඟුරු සමාගමේ සභාසභිවරයා වෙත ඔවුන්ට උරෙණිව පනවා ඇති සම්භාධක හේතුවෙන් ගෙවීම් සිදුකරන මුල් ඒකකය ඇමෙරිකානු ඩොලර් වලින් වීනා යුවාන් වලට වෙනස් කරන ලෙසත්, නිවිසුමේ 3.20 වගන්තියට අනුව ඔවුන් විසින් නම් කරන තෙවන පාර්ශවයට ගිවිසුම අවුත් කරන ලෙසත් ඉල්ලීමක් කරමින් ලිපියක් යොමුකර ඇත (ඇමුණුම - 2). මෙම ක්‍රියාමාර්ගය අදාළ සියලුම පාර්ශවයන්ගෙන් අදාළ නියමිත බලයලත් මණ්ඩලය යෝජනා ලබාගැනීමෙන් අනතුරුව, කිසිදු උල්ලංඝනය කිරීමකින් තොරව මුල් ගිවිසුමේ දක්වා ඇති නියමයන් සහ කොන්දේසි දැඩිව පිළිපදිමින් සිදුකෙරෙනු ඇත.

ඒ අනුව, 16 වන නැවඟත කිරීම සඳහා ඉල්ලීම් කරන ලද පරිදි වීන බැංකුව වෙත යුවාන් වලින් ගෙවීම් සිදුකිරීමට ලංකා ගල් අඟුරු සමාගම කඩිනම් පියවර ගන්නා ලදී. කෙසේවුවද, Black Sand Commodities FZ-LLC විදේශ වත්කම් පාලන කාර්යාලය (OFAC) විශේෂයෙන් නම් කරන ලද ජාතිකයින් (SDN) සහ අවසර කළ පුද්ගලයින් ලැයිස්තුව යටතට අයත් වන බැවින් ගෙවීම් සිදුකිරීමට අවසර නොලැබී අභ්‍යන්තර ප්‍රතිපත්ති හේතුවෙන් වීන බැංකුව විසින් එම ගෙවීම් පිළිගනු නොලැබුණි. එමෙන්ම, Black Sand Commodities FZ-LLC හි ඉල්ලීම මත ලංකා ගල් අඟුරු සමාගම විසින් 3.20 වගන්තිය ප්‍රකාරව ඉහත සඳහන් ගිවිසුම පැවරීමට/ අවුත් කිරීමට නීතිමය උපදේශයක් ලබාගැනීම සඳහා නීතිපති දෙපාර්තමේන්තුව (AG) වෙත 2024/03/07 දින ලිපියක් යොමු කරන ලදී. එම ප්‍රතිචාර වකයෙන් නීතිපති දෙපාර්තමේන්තුව විසින් *"... you are advised that the parties are at liberty to assign their obligations and rights under the said agreement, provided that the same is done with both parties, mutual consent in writing. It is prudent to obtain all necessary board resolutions and approvals from BSC prior to the said agreement. ..."* යන්නෙන් දන්වා ඇත.

වැඩිදුරටත් *"you are advised that all amendments and addendums to the Agreement obtain the relevant approvals including Cabinet Approval, where necessary...."* (ඇමුණුම - 3) යනුවෙන් දක්වා ඇත.

මෙට්‍රික් ටොන් 1,390,342 +/-10%ක ඉහිරි මුළු ප්‍රමාණය ප්‍රයම්පාදනය කිරීම සඳහා නව වෙන්ඩර් ක්‍රියාවලියකට මුලපිරීමට තීරණාත්මක ලෙස කාලය බාධාවක් වී තිබෙයි. කවද, මෙම ගල් අඟුරු වාරය සඳහා ලක්විජය ගල් අඟුරු බලාගාරයේ ගල් අඟුරු අවශ්‍යතාවය අනුව, නිරිනදිග මෝසම් වැසි ආරම්භයට පෙර මෙම ඉතිරි නැවඟත කිරීම් 14 ගොඩබැම ලංකා ගල් අඟුරු සමාගම විසින් සිදුකළ යුතුව ඇත. ඒ අනුව, ගල් අඟුරු ගොඩබැම ප්‍රමාද වුවහොත් දීර්ඝ කාලීන විදුලිය ඇඟවීම් ඇතිවීමේ අවදානමක් පවතී. මෙම ඇඟවීම් රටේ මූලික විදුලිබල අවශ්‍යතාවෙන් 35% සිට 45% දක්වා වූ ප්‍රමාණයක් වීමට ඉඩ ඇත. එම විදුලිබලය සැපයීම සඳහා ඉහළ පිරිවැයක් සහිත ඉන්ධන වලින් ක්‍රියාත්මක බලාගාර ක්‍රියාත්මක කිරීමට ලංකා විදුලිබල මණ්ඩලයට සිදුවිය හැකි බැවින්, ලක්විජය බලශක්ති බලාගාරය වෙත අඛණ්ඩව ගල් අඟුරු සැපයීම සහතික කිරීම සහ ජාතික බලශක්ති සුරක්ෂිතභාවය පවත්වාගැනීම සඳහා ඉල්ලා සිටින තීරණය අතිශයින්ම වැදගත් වූවක් වේ.

පිටු අංක 02/03

(71)

3. නිර්දේශ

ඉහත සියල්ල සලකා බැලීමෙන් අනතුරුව අමාත්‍ය මණ්ඩලයේ අනුමැතිය සඳහා පහත නිර්දේශ ඉදිරිපත් කරමි;

3.1. කොන්ත්‍රාත් ගිවිසුම් අංක LCC/23/PROP/1 හි නියමයන් සහ කොන්දේසි යටතේ ගල් අඟුරු සැපයීමට Black Sand Commodities වෙත දැනුම්දීමට සහ Black Sand Commodities FZ-LLC වෙනුවට මෙට්‍රික් ටොන් 1,390,342 +/- 10%ක ඉතිරි ප්‍රමාණය සැපයීමට කොන්ත්‍රාත් ගිවිසුමේ අංක 3.20 වගන්තිය යටතේ වෙනත් පාර්ශවයකට වගකීම පැවරීමට/ අලුත් කිරීමට.

3.2 අලුත් කරන ලද/ පවරන ලද පමාණම සමඟ ගල් අඟුරු මෙට්‍රික් ටොන් 1,390,342 +/- 10%ක ඉතිරි ප්‍රමාණය සැපයීම සඳහා මුල් කොන්ත්‍රාත්තුවට පරිශිෂ්ටයක් අත්සන් කිරීමට ශ්‍රීමාසඹික ලංකා ගල් අඟුරු (පුද්ගලික) සමාගමේ සභාපතිවරයා වෙත බලය පැවරීමට.

4. අනුමැතිය

3 ඡේදයේ දක්වා ඇති නිර්දේශ සඳහා අමාත්‍ය මණ්ඩල අනුමැතිය අපේක්ෂා කරමි.

අත්සන් කලේ: කංචන විජේසේකර (පා.ම.)
විදුලිබල හා බලශක්ති අමාත්‍ය
2024.03.18

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

OUR REF: LCC/OP/24/TT/1

07 November 2023

Mr. Mapa Pathirana
Secretary to Ministry of Power and Energy
Ministry of Power and Energy
Colombo 03.

Dear Secretary,

**Sub: Commencement of Procurement Process to Supply of 2.25 million MT ±10% for the seasons 2024-2025 & 2025-2026 for the Lakvijaya Coal Fired Power Plant, Norochcholai under tender No: LCC/24/TT/1**

This is to inform you that the next coal season 2024-2025 a new Term Tender is to called for procure coal from September 2024 onwards

Accordingly, we would very much appreciate it if you could make necessary arrangement to appoint members for the relevant procurement committee (SCAPC) the Technical Evaluation Committee (TEC) for commencement of coal requirement. The list of members of the last procurement Committees have been attached for your early reference.

As per the procurement guideline 2.7.1, the request form, the proposed Procurement Time schedule (PTS) for your reference is attached.

Thanking you,

Shehan N. Sumanasekara
**LANKA COAL COMPANY (PVT) LTD**
**Chairman / Managing Director**

Copy To

1. SAS Tenders – Ministry of power & Energy – fyi
2. Chairman – Ceylon Electricity Board - fyi
3. General Manager – Ceylon Electricity Board – fyi

රාජ්‍ය මුදල් දෙපාර්තමේන්තුව
அரச நிதித் திணைக்களம்
DEPARTMENT OF PUBLIC FINANCE

අධ්‍යක්ෂ ජනරාල්
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මගේ අංකය / எனது இல / My No: PFD/PMD/App/P&E/2023/01/21

ඔබේ අංකය / உமது இல / Your No: PE/TEN/SCAPC/SP/2023/28

දිනය / Date: 06 DEC 2023

Secretary
Ministry Power and Energy

Dear Sir

**Appointment of a Technical Evaluation Committee (TEC) for Procurement of 2,250,000 ±10% MT of Coal for Lakvijaya Power Plant, Norocholai for the period of two seasons to cover September 2024 to April 2025 and September 2025 to April 2026**

This has reference to your even number letter dated 14.11.2023 on the above subject.

02. I wish to inform you that the following Technical Evaluation Committee (TEC) is appointed to assist the Standing Cabinet Appointed Procurement Committee (SCAPC) of the Ministry of Power and Energy for the season covering September 2024 to April 2025 as per the approval given by the Cabinet of Ministers vide its decision dated 03.10.2023 for the above procurement.

Technical Evaluation Committee (TEC)

i. Mr. N.S. Wettasinghe - Chairman
Additional General Manager (Transmission and Wired Operation)
Ceylon Electricity Board

ii. Mrs. G. Gannoruwa - Member (Ministry Representative)
Director General (Planning)
Ministry of Power and Energy

iii. Mr. Wimal S.K. Liyanagama - Member (Treasury Representative)
Additional Director General
Department of Trade and Investment Policies
Mobile No. : 0714899644

iv. Eng. P.W.M.N.A.B. Wijekoon - Member
Power Plant Manager (LVPP)
Ceylon Electricity Board

v. Eng. P.W. Bamunusinghe - Member
Deputy Project Manager (O&M)
Ceylon Electricity Board

vi. Mr. W.A.K.D. Premathilake - Member
Additional Finance Manager (Generation)
Ceylon Electricity Board

vii. Mr. I. Danthanarayana - Member
Additional General Manager (Chartering & Agency)
Ceylon Shipping Corporation

viii. Mr. L.H.D.A.W. Namal - Member
General Manager
Lanka Coal Company

ix. Mr. Ajith Kumara - Member
Finance Manager
Lanka Coal Company

03. Attention of the TEC members are drawn to the responsibilities spelt out in Para 2.5 and 2.6 of the Government Procurement Guidelines – 2006.

04. Please be kind enough to collect duly filled declaration forms by all the members of the TEC and keep them under your custody.

05. Please inform all the members of SCAPC regarding the above appointment.

06. Further, it is observed that the Cabinet Approval has been obtained for the procurement of Coal for Lakvijaya Power Plant, Norocholai two seasons covering September 2023 to April 2024 and September 2024 to April 2025. Therefore, you are kindly requested to furnish the 2.7.1 format as per the Procurement Manual along with the Cabinet Approval of the above procurement for the seasons commencing from September 2025 to April 2026.

Yours faithfully

E.A. Ratnaseela
Director General Public Finance

Copies: 1. Director General, Department of Trade and Investment Policies
2. Mr. Wimal S.K. Liyanagama, Additional Director General, Department of Trade and Investment Policies
f.i.p

2024.8.5 Cabinet decision memo 7.2

(5) 12

රහසිගතයි

අමාත්‍ය මණ්ඩල කාර්යාලය
அமைச்சரவை அலுவலகம்
OFFICE OF THE CABINET OF MINISTERS

CABINET DECISION அමාත්‍ය මණ්ඩල තීරණය அமைச்சரவைத் தீர்மானம்

මගේ අංකය: අමප/24/1493/621/075 2024 අගෝස්තු මස 05 දින.

පිටපත්:

ජනාධිපති ලේකම්.
අග්‍රාමාත්‍ය ලේකම්.
සභාපති, සීමාසහිත ලංකා ගල්අඟුරු (පුද්ගලික) සමාගම.
විගණකාධිපති.

ක්‍රියා කළ යුතු:

නීතිපති තුමා.
මූදල්, ආර්ථික ස්ථායීකරණ සහ
ජාතික ප්‍රතිපත්ති අමාත්‍යාංශයේ ලේකම්.
වනජීවී හා වන සම්පත් සංරක්ෂණ අමාත්‍යාංශයේ ලේකම්.
විදේශ කටයුතු අමාත්‍යාංශයේ ලේකම්.
විදුලිබල හා බලශක්ති අමාත්‍යාංශයේ ලේකම්.
සභාපති, ලංකා විදුලිබල මණ්ඩලය.

**සීමාසහිත ලංකා ගල්අඟුරු (පුද්ගලික) සමාගම විසින් 2024-25 සහ 2025-26 ගල්අඟුරු වාර සඳහා දුක්කලම ලක්විජය විදුලි බලාගාරය වෙත ගල්අඟුරු මෙට්‍රික්ටොන් මිලියන 2.25±10%ක් ප්‍රභවපාදනය කිරීම - චෙන්ඩර් අංකය: LCC/24/IT/1**

(විදුලිබල හා බලශක්ති ගරු ඇමතිතුමා ඉදිරිපත් කළ 2024-07-25 දිනැති සංදේශය)

2024 අගෝස්තු මස 05 දින පැවැත්වුණු අමාත්‍ය මණ්ඩල රැස්වීමේදී ඉහළි තීරණයක් අවශ්‍ය කටයුතු සඳහා මේ සමඟ එවා ඇත.

ජේ.ජයසුන්දර
අතිරේක ලේකම්

අ.කළේ/ ඩබ්ලිව්.එම්.ඩී.ජේ.ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්

42. අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 24/1493/621/075 වූ, "සීමාසහිත ලංකා ගල්අඟුරු (පුද්ගලික) සමාගම විසින් 2024-25 සහ 2025-26 ගල්අඟුරු වාර සඳහා දුක්කලම ලක්විජය විදුලි බලාගාරය වෙත ගල්අඟුරු මෙට්‍රික්ටොන් මිලියන 2.25±10%ක් ප්‍රභවපාදනය කිරීම - චෙන්ඩර් අංකය: LCC/24/IT/1" යන මැයෙන් විදුලිබල හා බලශක්ති ඇමතිතුමා

ඉදිරිපත් කළ 2024-07-25 දිනැති සංදේශය - (අමප අංක 24/1088/621/034-I පිළිබඳව වූ 2024-06-11 දිනැති අමාත්‍ය මණ්ඩල තීරණයට අදාළව) ඉහත සඳහන් සංදේශය මුදල්, ආර්ථික ස්ථායීකරණ සහ ජාතික ප්‍රතිපත්ති ඇමතිතුමාගේ නිරීක්ෂණ සමඟ සලකා බලන ලදී. මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, පහත සඳහන් පරිදි තීරණය කරන ලදී:

(i) සංදේශයේ 4 ඡේදයේ 4.1 අනුඡේදයෙහි නිර්දේශිත පරිදි කටයුතු කිරීම සඳහා අමාත්‍ය මණ්ඩලය විසින් පත් කරන ලද ස්ථාවර ප්‍රසම්පාදන කමිටුව වෙත බලය පැවරීම;

(ii) මහා භාණ්ඩාගාරයේ අදාළ දෙපාර්තමේන්තු ප්‍රධානීන්, ලංකා විදුලිබල මණ්ඩලයේ අදාළ බලධාරීන් සහ නීතිපති විසින් නම් කරනු ලබන නීතිපති දෙපාර්තමේන්තුවේ ජ්‍යෙෂ්ඨ නිලධාරියෙකුගේ සහභාගිත්වයෙන් සංදේශයේ 4 ඡේදයේ 4.2 සහ 4.3 අනුඡේදයන්හි සඳහන් නිර්දේශ සම්බන්ධයෙන් වැඩිදුරටත් කරුණු අධ්‍යයනය කර සිය නිර්දේශ සහිත සවිස්තරාත්මක වාර්තාවක් ඉදිරිපත් කිරීම පිණිස සහය සඳහන් සංයුතියෙන් යුත් අමාත්‍ය මණ්ඩල අනුකමිටුවක් පත් කිරීම:

* ගරු පවිත්‍රා දේවි වන්නිආරච්චි මැතිනුමිය, වනජීවී හා වන සම්පත් සංරක්ෂණ අමාත්‍ය, වාරිමාර්ග අමාත්‍ය - (සභාපති);

* ගරු අලි සබ්‍රි මැතිතුමා, විදේශ කටයුතු අමාත්‍ය;

* ගරු කංචන විජේසේකර මැතිතුමා, විදුලිබල හා බලශක්ති අමාත්‍ය;

(iii) විදුලිබල හා බලශක්ති අමාත්‍යාංශයේ ලේකම් විසින් පත් කරනු ලබන එම අමාත්‍යාංශයේ ජ්‍යෙෂ්ඨ නිලධාරියෙකු ඉහත සඳහන් අමාත්‍ය මණ්ඩල අනුකමිටුවේ ලේකම්/කැඳවුම්කරු වශයෙන් කටයුතු කිරීම; සහ



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(iv) ඉහත (i)හි සඳහන් පරිදි අනුකමිටුව විසින් ඉදිරිපත් කරනු ලබන වාර්තාව, සලකා බැලීම පිණිස ඇමතිතුමා මඟින් සති දෙකක් (02) තුළ අමාත්‍ය මණ්ඩලය වෙත ඉදිරිපත් කරන ලෙස විදුලිබල හා බලශක්ති අමාත්‍යාංශයේ ලේකම්ට නියම කිරීම.

තවද, මෙම තීරණය සම්මත කරනු ලැබූ සේ සැලකීමටත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම සඳහා අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: නීතිපතිතුමා - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
මුදල්, ආර්ථික ස්ථාපිකරණ සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශය
වනජීවී හා වන සම්පත් සංරක්ෂණ අමාත්‍යාංශය - ගරු ඇමතිතුමියගේ අවධානයට යොමු කිරීම පිණිස - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
වීදේශ කටයුතු අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
විදුලිබල හා බලශක්ති අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස - ඉහත නිරීක්ෂණ යා කොට ඇත.
සභාපති, ලංකා විදුලිබල් මණ්ඩලය - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.

පිටපත්: ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
සභාපති, සිමාසහික ලංකා ඉල්අඟරු (ප්‍රුද්ගලික) සමාගම - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.

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CONFIDENTIAL

විදුලිබල හා බලශක්ති අමාත්‍යාංශය
மின்சக்தி மற்றும் வலுசக்தி அமைச்சு
MINISTRY OF POWER AND ENERGY

437, ගාලු පාර, කොළඹ 03 | 437, காலி வீதி, கொழும்பு 03 | 437, Galle Road, Colombo 03.

මගේ අංකය எனது இல My No: PE/TEN/SCAPC/SP/2023/28 ඔබේ අංකය உமது இல Your No:

දිනය இகதி Date: 25.07.2024

Cabinet Memorandum No. - 75/2024/P

# Cabinet Memorandum

**Procurement of 2.25 Million MT ±10 %of Coal for Lakvijaya Power Plant, Puttalam by Lanka Coal Company )Pvt (.Ltd) .LCC (for the Coal Seasons 2024-25 and 2025-26, Tender No .LCC/24/TT/1**

## 1. Background

Reference is made to the "Procurement initiated for procurement of 2.25 million MT ±10 %of Coal for Lakvijaya Power Plant, Puttalam by Lanka Coal Company )Pvt (Ltd) .LCC (for the Coal Seasons 2024-25 and 2025-26.

The bids have been invited via email on 20/02/2024 by the Lanka Coal Company )LCC (from 20 pre-qualified registered coal suppliers for the supply of 2.25 million MT ± 10 %of coal over two coal seasons .

Bids were opened on July 8, 2024.The TEC recommendations (***Annexure 1***) of the bid evaluation report have been considered by SCAPC and submitted the decision dated 19.07.2024 ***(Annexure 2)***

## 2. Present Situation

SCAPC has considered that according to the TEC report dated 19th July 2024 three out of six bidders have submitted all required documents as specified in the bidding document, making them commercially responsive. Their names are listed below for further evaluation. The reasons of the nonresponsive bidders are given in the above ***Annexure 1.***

A. SAII RESOURCES PTE LTD- No.19, Tai Seng Avenue, 05-03, Singapore 534054

B. ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD- No.65 Chulia Street, #48--05, OCBC Centre, Singapore, 049513.

C. MOHIT MINERALS LIMITED- No.7/23, Kirti Nagar Industrial Area, Kirti Nagar, Delhi 110015

Based on the evaluation, SCAPC had decided that the substantially responsive lowest evaluated Bidder is ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD,and the bidder has offered the following prices;

Table 01: Price details of the substantially responsive lowest bidder

| Item | USD/MT |
|---|---|
| Base FOB Trimmed (RBCT*) price of Coal | 120.99 |
| Base Freight up to Puttalam Anchorage | 15.00 |
| Total CFR price | 135.99 |

(*Richard Bay Coal Terminal)

The tender documents have been issued based on a composite index consisting of three (3) relevant coal regions (South Africa, Indonesia and Russia), aligned with the LCC coal quality standard specified in the bid documents. Bidders were required to submit their price proposals accordingly. TEC has computed this composite index as per the provisions of the bid document. The related part of the formula is provided below.

**"Price Adjustment Formula"**

*Monthly average indexes (FOB) for June 2024 published for the preceding month to the month of Bid Closing Date of the* ***Argus/McCloskey's Coal Price Indices****, namely API4 for South Africa,* ***{(ICI 1+ICI 2)/2}*** *for Indonesia and* ***{(Taman + Vostochny)/2}*** *for Russia and the composite index calculation formula is as follows.*

***Composite Index Formula (INDEX)***

$$INDEX = \frac{API\ 4 + \{(ICI\ 1 + ICI\ 2)/2\} + \{(Taman + Vostochny)/2\}}{3}$$

TEC computed the composite index using data from the ***Argus Media Coal Price Index reports*** for South Africa, Indonesia, and Russia, detailed in ***Annexure 3***. Accordingly, value of the composite index is USD 1.024/MT. Given the bid closure of **July, June** is considered as the preceding month according to the applicable bid clause (5.4). The composite index has calculated based on the previous month's average of the South African index (API 4) + Indoniasin index ***{(ICI 1 + ICI 2) /2}*** + Russian index ***{(Taman + Vostochny) /2}*** averages. Accordingly, the composite index is 102.40. More details about the composite index and multiplication factor calculation can be obtained from the TEC report in Annexure 1.

***Calculation of Multiplication Factor (MF)***

TEC calculated the MF applicable for the bid of **Aditya Birla Global Trading** (Singapore) Pte. Ltd is given below;

Multiplication Factor = Based Price /Composite Index
120.99/102.40 = **1.181** (up to the 3rd decimal)

TEC had submitted that, Multiplication factors of the previous Term tenders as given in Table 02.

Table 02 : Multiplication factors of the previous coal term tenders.

| Previous Tender No. | Reference Coal Index | Multiplication Factor |
|---|---|---|
| LCC/15/TT/1 | API4 | 1.119 |
| LCC/18/TT/1 | API4 | 0.982 |
| LCC/19/TT/2 | API4 | 1.054 |
| LCC/21/TT/1 | API4 | 1.022 |
| LCC/23/TT/1 | Composite | 0.926 |
| Subject Tender | | |
| [illegible] | [illegible] | [illegible] |

As indicated in the above Table No 02, it is observed that the highest Multiplication Factor (MF) (base price) 1.181 for the FOB price of coal has been received in this time. Accordingly, the final CFR (including freight base price of USD 15 per MT) for this supply is USD 11.17/MT higher than the previous immediate supply (Lowest ever based price/ multiplication factor that LCC had received), based on the coal price indices of the month of June 2024 as per the contractual conditions.

Considering that SCAPC recommended to negotiate the quoted price with a substantial responsive successful bidder. Therefore, it is vital to negotiate the quoted price and securing the best possible negotiated base (FOB or Freight) price for coal procurement for the seasons of 2024-2025 and 2025-2026.

According to the records of the LCC, M/s Aditya Birla Global Trading (Singapore) Pte Ltd has successfully completed three (3) long-term tenders (coal seasons 2016-18, 2019-21, and 2021-23) and also completed more than ten (10) spot tenders since 2015. Since its inception of coal procurement, most coal shipments to LVPP have supplied from the South African Port (RBCT), with a maximum sea passage of approximately 14 days.

The price of coal has a direct impact on electricity customer tariffs. Hence, it is beneficial to purchase coal at the lowest price possible. Hence, it was reported by the LCC on possible other options to gain financial benefit for the country.

3. **Alternative option.**

This Ministry received the letters from M/s Potencia LLC-FZ dated 2nd July 2024 (***Annexure 4***) and 8th July 2024 (***Annexure 5***) regarding the request of 50% repeat order and or a full coal supply season quantity from the original contract, LCC/23/PROP/1..

M/s.Potencia LLC-FZ (Potencia), the current coal supplier assigned by M/s. Black Sand Commodities FZ-LLC (BCS) under the novation provisions of the coal supply agreement after obtaining legal consent from the Attorney General's Department (***Annexure 6***) and approval from the Cabinet of Ministers (**Annexure 7**), has been supplying coal since mid-March 2024, to fulfill the balance quantity of 1.39 million ±10% coal out of 2.25 million MT +/-10%, as per the original agreement LCC/23/PROP/1. They have completed thirteen (13) shipments totaling 775,817 MT by the end of June 2024, M/s.Potencia LLC-FZ is contractually obliged to supply approximately 540,000 MT (+/- 10%) in nine (9) shipments between September and October 2024. These facts evidence M/s. Potencia LLC-FZ's credibility as a coal supplier, is demonstrated by their performance.

Following is the supply summary of POTENCIA under the assigned contract, for supplying 1.39 million MT with a margin of ±10%.

Table 3 : Supply summey of Potencia LLC-FZ

| | |
|---|---|
| Awarded quantity for Black Sand Commodities FZ-LLC (38 shipments) | 2.25 Mn MT ± 10% |
| Supplied for this season until sanction imposed to PCS -16 | 814,456 MT |
| Total quantity to supply by Potencia LLC-FZ | 1.39 Mn MT ±10% |
| Potencia supplied 13 shipments for this season | 775,817 MT |
| balance 9 shipments for next season by Potencia LLC-FZ | 540,000 MT ±10% |

Even though the M/s.Potencia submitted an application to consider as a LCC's registered coal supplier mentioning that they can be significantly competitive in the long term tender, since they have not fulfilled certain criteria of coal supplier registration requirement, it was not considered for registration until they qualify those criteria by end of their contractual term around end of October 2024.

Meantime, a letter has been received from LCC on 2nd July 2024 ***(Annexure 8)*** regarding the coal procurement considering the price difference between the substantially responsive lowest bidder and present supplier as below.

(a) The price of the coal has not been dropped since the original order because they have awarded the lowest multiplication factor in the history

(b) LCC has no objection to such repeat orders

The present term tender was awarded on 29.09.2023 and as per the Procurement Guideline 3.6.1. repeat orders can be placed not more than six (6) months from the date of award of the original contract. Accordingly, more than three (3) months have lapsed as of today, from the 6 month after the date of awarding.

Further price analysis done by LCC as a procurement entity is given below.

**Table 4 : Price comparison between Existing Supplier Potencia and Adithya Birala Global (Singapore) Trading, based on June Composite index for 50% of 2.25 million MT**

| | Based on June 2024 Coal Indices FOB (USD) | Based on June 2024 Indices Freight (USD) | Base CFR Price (USD) | Estimated Cost to supply 50% of 2.25 MMT (USD) | LKR Billion (1USD =LKR 305) |
|---|---|---|---|---|---|
| Previous and existing supplier – Potencia LLC-FZ | 94.82 | 30.00 | 124.82 | 140,422,500 | 42.83 |
| This tender lowest price offered - Aditya Birla Global Trading (Singapore) Pte Ltd | 120.99 | 15.00 | 135.99 | 152,988,750 | 46.66 |
| Price Difference | 26.17 | 15.00 | 11.17 | 12,566,250 | 3.83 |
| Price Difference % | | | 8.95% | | |

Accordingly, there is a benefit of approximately US $ 11.7/MT (8.95%) from the above offer given by the letter dated 2nd July 2024 if awarded a 50% repeat order. Estimated total benefit is about US $ 12.57 million based on the month of June composite index.

Further, M/s. Potencia has informed that if they get 100% supply of 2.25 million MT ±10% for the seasons 2024-2025 and 2025-2026 they can offer US $ 121.82/MT (FOB 94.82 + Freight 27.00) which has a benefit of approximately US $ 14.17/MT (11.63%) as per the offer letter dated 6th July 2024. Estimated total benefit is about US $ 31.88 million based on the month of June composite index.

4. Recommendations:

Having considered the above facts following are recommended for consideration for granting approval of the Cabinet of Ministers.

4.1. To authorize SCAPC to negotiate for a potential reduction from the base CFR price of USD 135.99 per MT offered by the substantially responsive lowest bidder, ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD for LCC/24/TT/1, to match with the present coal supplier's base CFR price..

4.2. If negotiations fail with M/s.ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD., to award 50% of the original contract of M/s.POTENCIA LLC-FZ as a repeat order as per the provisions of section 3.6.1 of the National Procurement Guideline as recommended by Lanka Coal Company as a procurement entity.

4.3. If 4.2 is approved, to authorize Chairman Lanka Coal Company Pvt Ltd to deviate from the placing of a (50% of the original contract quantity of 2.25 million MT ±10%) as a repeat order to M/s Potencia LLC-FZ within Six (6) months requirement from the original date of awarding of the contract, LCC/23/PROP/1.

5. Approval of the Cabinet of Ministers

5.1. Approval of the Cabinet of Ministers is sought for the recommendations made in Paragraph 4 above.

Kanchana Wijesekera (M.P.)
Minister of Power & Energy
25.07.2024

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நிதி, பொருளாதார உறுதிப்பாடு மற்றும் தேசியக் கொள்கைகள் அமைச்சு
MINISTRY OF FINANCE, ECONOMIC STABILIZATION AND NATIONAL POLICIES

මහලේකම් කාර්යාලය, කොළඹ 01.
ශ්‍රී ලංකාව

செயலகம், கொழும்பு 01.
இலங்கை.

The Secretariat, Colombo 01.
Sri Lanka.

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ෆැක්ස් / தொலைநகல் / Fax: 011 - 2448823
වෙබ් අඩවිය / இணையத்தளம் / Website: www.treasury.gov.lk

මගේ අංකය / எனது இல. / My No.: PFD/PMD/CM/2024/P&E/01/369

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දිනය / திகதி / Date: 21.08.2024

## Cabinet Memorandum

**Observations of the Minister of Finance, Economic Stabilization & National Policies**

**Ministry/Institution** : Power and Energy

**Subject & Date** : Procurement of 2.25 Million MT + 10% of Coal for Lakvijaya Power Plant, Puttalam by Lanka Coal Company (Pvt) Ltd (LCG) (for the Coal Seasons 2024-25 and 2025-26, Tender No. LCC/24/TT/1)

07.08.2024

**Proposals/ Requests** : The Cabinet of Ministers decided to appoint a three – member, Cabinet Sub Committee to find a justifiable solution to procure coal for the season of 2024-2025 at the least cost, considering the already opened long term tender LCC/24/TT/1 as well as the existing supplier's price.

Following recommendations of the Cabinet Sub Committee are submitted for the Cabinet of Ministers review.

1. Cancel the tender process LCC/24TT/1 invited on 20th February 2024 and opened on 1h July 2024 for supplying 2.25 million ±10% MT of coal to the Lakvijaya Power Plant for the 2024-25 and 2025-26 seasons based on clause 2.7.1 of the Bid Document.

2. Allow the current coal supplier, M/s Potencia, to supply an additional quantity of 2.25 million ±10% MT for the period of October 2024 - November 2025 at the base FOB rate of USD 94.82 per MT and base freight of USD 27.00 per MT.

3. Increase the performance security from 5% to 10% of the total quantity, which amounts to 2.25 million MT ± 10%.

4. Authorize the chairman of LCC to sign an addendum to the original agreement LCC/23/PROP/1 to reflect these changes.

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5. Direct the Ministry of Power & Energy and Lanka coal company to call future tenders, ensuring the removal of unnecessary qualification criteria to enhance competitiveness. This should be followed up with adequate safeguards, such as requiring sufficient bank guarantees that can be encashed on demand, to prevent abuse. The changes in qualification criteria should be reported back to the Cabinet of Ministers for consideration.

**Observations** : On the understanding that the above recommendations are beneficial for the Ceylon Electricity Board and to the country, I have no objections to the recommendations subject to the following concerns.

The Procuring Entity shall decide whether to purchase 2.25 million MT or a suitable lesser quantity, subsequent to a proper assessment, to meet the coal requirements until the next tender is awarded.

The Procuring Entity should also ensure that the next tender is to be initiated with sufficient lead time to avoid unnecessary risks and cost overruns.

Additionally, I further observe that it is appropriate to obtain the agreement of the Standing Cabinet Appointed Procurement Committee (SCAPC) and clearance of the Hon. Attorney General for the aforementioned proposals of the Cabinet Sub Committee.

**Ranil Wickremesinghe**
**Minister of Finance, Economic Stabilization and National Policies**

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அமைச்சரவை அலுவலகம்

OFFICE OF THE CABINET OF MINISTERS

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|---|---|---|---|
| අපේ අංකය | 24/1053/621/075-I | දිනය | 2024-08-22 |

## සභාසිය - රහසිගතයි

ගරු (මහාචාර්ය) ජී.එල්.එස්. ජයවර්ධන මහතා
ලේකම්
වැවිලිවාරු හා බලශක්ති අමාත්‍යාංශය
දැන්වීම: 2564303

ප්‍රධාන මණ්ඩල තීරණය

2024-08-21 දින පැවති අමාත්‍ය මණ්ඩලයේ රැස්වීමේ වාර්තාවේ විෂය අංක (44) හි උද්ධෘතයන් පහත දක්වේ.

විෂය අංකය: (44)

අමාත්‍යය මණ්ඩල පත්‍රිකා අංක 24/1053/621/075-I වූ, "පිරිහෙළකිරීම ලංකා ඛල් අඟුරු (පුද්ගලික) සමාගමේ මෙවන් සුක්ෂ්මලෝම ලක්ෂ්මය වැඩිලි බිලාගාරය සඳහා ඛල් අඟුරු මෙට්‍රික්ටොන් මිලියන 2.25ක 10%ක් ප්‍රතිපාදනය කිරීම (2024/25 සහ 2025/26 ඛල් අඟුරු වාර සඳහා, මවෙන්ඩර් අංකය LCC/24/FT/1)" [illegible] 2024-08-16 [illegible] සඳහන් සංදේශය, සභාව සඳහන් කරුණු සලකා මෙම රැස්වීමේදී තීරණය කරන ලදී:

(I) සංදේශයට ඇමුණුම - 1 ලෙස යා කොට තිබූ අමාත්‍ය අංක 24/1053/621/075 දිනැතිදාට වූ 2024-08-05 දිනැති අමාත්‍යය මණ්ඩල තීරණය පරීදි සභ සඳහා ලංකා අමාත්‍ය මණ්ඩල අනුකමිටුව විසින් ඉදිරිපත් කරනු ලැබ ඇති වාර්තාව; සහ

(II) මුදල්, ආර්ථික ස්ථායිකරණ සහ රාජ්‍ය ප්‍රතිපත්ති අමාත්‍යාංශයේ 2024-08-[illegible] දිනැති නිරීක්ෂණ.

ඉහත සඳහන් වාර්තාවේ නිර්දේශ අනුමත කිරීමෙන් අනතුරුව, එහෙත සඳහන් පරීදි තීරණය කරන ලදී:

(i) මුදල්, ආර්ථික ස්ථායිකරණ සහ රාජ්‍ය ප්‍රතිපත්ති අමාත්‍යාංශය විසින් මෙම සම්බන්ධයෙන් ඉදිරිපත් කරනු ලැබ ඇති නිරීක්ෂණවල දක්වා ඇති පරීදි කටයුතු කිරීමට යටත්ව, ඉහත (I)හි සඳහන් අමාත්‍ය මණ්ඩල අනුකමිටු වාර්තාවේ 1 සිට 3 දක්වා වන නිර්දේශ ක්‍රියාත්මක කිරීම සිමිත අනුමැතිය ලබා දීම;

(ii) ඉහත (I)හි සඳහන් තීරණය ක්‍රියාත්මක කිරීමට අදාළ ගිවිසුම්වලට අත්සන් තැබීම සිමිත සිමිත සිමිතගත ලංකා ඛල් අඟුරු (පුද්ගලික) සමාගමේ [illegible] බලය පැවරීම; සහ

(iii) අමාත්‍යය මණ්ඩල අනුකමිටු වාර්තාවේ 3 වන නිර්දේශයෙහි දක්වා [illegible] පරීදි සකීය [illegible] ඇමතිතුමා සියවර මහින්ද රාජපක්ෂ මහතා සලස්වා වැවිලිවාරු හා බලශක්ති අමාත්‍යාංශයේ ලේ [illegible] සහ පිරිහෙළකිරීම ලංකා ඛල් අඟුරු (පුද්ගලික) [illegible] ස්ථාපිත [illegible]

CamScanner

නවද, මෙම තීරණය පරීමාන කරනු ලැබූ පසු කැලණිමවක්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම සඳහා අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

ප්‍රියා සඳ යුතු:

නීතිපතිතුමා - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
විදුලිබල හා බලශක්ති අමාත්‍යාංශ ලේකම් ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස - ඉහත නිරීක්ෂණ යා කොට ඇත.
සභාපති, ලංකා විදුලිබල මණ්ඩලය - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
සභාපති, පිළිගැසිය ලංකා ලේ අඟරු (පුද්ගලික) සමාගම - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.

පිටපත්:

ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
මුදල්, ආර්ථික ස්ථාවරකරණ සහ ජාතික ප්‍රතිපත්ති අමාත්‍යාංශය
වනජීවී හා වන සම්පත් සංරක්ෂණ අමාත්‍යාංශය - ඔරු ඇමතිතුමියගේ අවධානයට යොමු කිරීම පිණිස - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
වරාය කටයුතු අමාත්‍යාංශය - ඔරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.

ඒ. රත්නසුන්දර
අතිරේක ලේකම්

අස්.සංජීවනිලීවි.එම්.ඩී.ජේ. පුහාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්

நிதி, பொருளாதார உறுதிப்பாடு மற்றும் தேசியக் கொள்கைகள் அமைச்சு
MINISTRY OF FINANCE, ECONOMIC STABILIZATION AND NATIONAL POLICIES

The Secretariat, Colombo 01.
Sri Lanka.

011 - 248 4500
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PFD/PMD/CM/2024/P&E/01/369

CP 24/1653/621/075-I

21-08-2024

## Cabinet Memorandum

**Observations of the Minister of Finance, Economic Stabilization & National Policies**

**Ministry/Institution** : Power and Energy

**Subject & Date** : Procurement of 2.25 Million MT + 10% of Coal for Lakvijaya Power Plant, Puttalam by Lanka Coal Company (Pvt) Ltd (LCG) (for the Coal Seasons 2024-25 and 2025-26, Tender No. LCC/24/TT/1)

07.08.2024

**Proposals/ Requests** : The Cabinet of Ministers decided to appoint a three – member, Cabinet Sub Committee to find a justifiable solution to procure coal for the season of 2024-2025 at the least cost, considering the already opened long term tender LCC/24/TT/1 as well as the existing supplier's price.

SAS (Proc)

Following recommendations of the Cabinet Sub Committee are submitted for the Cabinet of Ministers review.

1. Cancel the tender process LCC/24TT/1 invited on 20th February 2024 and opened on 8h July 2024 for supplying 2.25 million ±10% MT of coal to the Lakvijaya Power Plant for the 2024-25 and 2025-26 seasons based on clause 2.7.1 of the Bid Document.

2. Allow the current coal supplier, M/s Potencia, to supply an additional quantity of 2.25 million ±10% MT for the period of October 2024 - November 2025 at the base FOB rate of USD 94.82 per MT and base freight of USD 27.00 per MT.

3. Increase the performance security from 5% to 10% of the total quantity, which amounts to 2.25 million MT ±10%.

4. Authorize the chairman of LCC to sign an addendum to the original agreement LCC/23/PROP/1 to reflect these changes.

5. Direct the Ministry of Power & Energy and Lanka coal company to call future tenders, ensuring the removal of unnecessary qualification criteria to enhance competitiveness. This should be followed up with adequate safeguards, such as requiring sufficient bank guarantees that can be encashed on demand, to prevent abuse. The changes in qualification criteria should be reported back to the Cabinet of Ministers for consideration.

Observations : On the understanding that the above recommendations are beneficial for the Ceylon Electricity Board and to the country, I have no objections to the recommendations subject to the following concerns.

The Procuring Entity shall decide whether to purchase 2.25 million MT or a suitable lesser quantity, subsequent to a proper assessment, to meet the coal requirements until the next tender is awarded.

The Procuring Entity should also ensure that the next tender is to be initiated with sufficient lead time to avoid unnecessary risks and cost overruns.

Additionally, I further observe that it is appropriate to obtain the agreement of the Standing Cabinet Appointed Procurement Committee (SCAPC) and clearance of the Hon. Attorney General for the aforementioned proposals of the Cabinet Sub Committee.

Ranil Wickremesinghe
Minister of Finance, Economic Stabilization and National Policies

අමුණුම 20

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

My Ref: LCC/CH/24/50

POTENCIA L.L.C. FZ,
Business Center 1, M Floor, The Meydan Hotel,
Nad Al Sheba, Dubai, UAE.

12th September 2024

Attention: Mr. J.N.S. Joseph
Mr. B.V.G.D. Beneragama

**Sub: Awarding of an additional Coal quantity of 2.25 million MT ±10% of Coal to Lakvijaya Power Plant during the 2024-25 and 2025-26 season, under the contract No. LCC/23/PROP/1.**

We are writing in regards to your proposal submitted on the 8th of July, 2024 for the above mentioned contract, LCC/23/PROP/1. We are glad to inform you, based on the decision of the Standing Cabinet Appointed Procurement Committee (SCAPC) with the power vested in them by the Cabinet of Ministers, along with the cabinet decision and the letter dated 11.09.2024 received from Secretary to the MOP&E which was approved to award the contract for supplying 2.25 million MT± 10% of coal for both the FOB component at the base rate of USD 94.82 (United State Dollars Ninety Four and Eighty Two Cents Only) and the Freight Component at the base rate of USD 27.00 (United State Dollars Twenty Seven Only) per MT to your company Potencia L.L.C FZ

Accordingly, the base CFR rate is USD 121.82.00 (United State Dollars One Hundred and Twenty-One and Eighty-Two Cents Only) per MT. At the time of supply the FOB price calculation is based on Price Variation according to the clause 5.4. of the said agreement. The Multiplication Factor (MF) is 0.926 (up to the 3rd Decimal) in calculating the index varied FOB price throughout this contractual period and the Freight rate will be based on Freight (Bunker) Adjustments according to the clause 5.6.7. of the agreement.

You are kindly requested to take appropriate action as per the terms and conditions stipulated in the Coal Supply agreement, LCC/23/PROP/1. Accordingly, please comply with the following requirements.

1. Performance Security should be 10% of the awarded quantity of 2.25 million MT +/-10% (USD 27,409,500 - United States Dollars Twenty-Seven Million Four Hundred Nine thousand and five hundred Only) as per Cabinet paper No.24/1653/621/075-I. This performance security should be available within 14 working days from the date of this letter.
2. Inform the nomination of the load port Independent Surveyor acceptable to the buyer.
3. Inform the nomination list of accredited laboratories acceptable to buyer in order to test the reference sample if need be.

4. Strict conformity for provided LCC standard values and LCC Reject values of Coal.

5. Ms. Cotecna Inspection India (Pvt) Ltd has been appointed to be the Discharge Port Independent Surveyor.

Shipments should be arranged as per the attached DELIVERY SCHEDULE. it is required for you to comply with the ETA Puttalam laycan for the first vessel arrival starting from the 25th October 2024. All subsequent laycans should be in accordance with the laycan schedule for the season 2024/2025 and laycans of balance shipments for the season 2025-2026 will be provided, for the Strict compliance to the above ETA Puttalam is a prerequisite.

Format of the load port certificate will be forwarded to you before the commencement of the first laycan. The supply should be done only from the main port of Nakhodka, Russia & for alternative port loading a request must be submitted to the chairman LCC with fair reasoning, and will be accommodated at the discretion of LCC Chairman. The date of signing an addendum to the Coal Supply Agreement, LCC/23/PROP/1, will be communicated upon the establishment of the Performance Security.

Trust you will comply and fulfill all the requirements as per terms and conditions.

Please acknowledge this award and the delivery schedule.

Thanking You
Yours Faithfully

Shehan N. Sumanasekara
**Chairman/ Managing Director**

*Copy to:*

1. *Secretary – Ministry of Power & Energy* *-f.y.i.pls*
2. *GM – Lanka Coal Company* *-f.y.i.pls*

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# රාජ්‍ය මුදල් දෙපාර්තමේන්තුව
# அரச நிதித் திணைக்களம்
# DEPARTMENT OF PUBLIC FINANCE


Tel. 94-11-2484927
Fax. 94-11-2431458

பொதுத் திறைசேரி
நிதி, திட்டமிடல் மற்றும் பொருளாதார அபிவிருத்தி அமைச்சு
செயலகம், கொழும்பு 01, இலங்கை

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General Treasury
Ministry of Finance, Planning and Economic Development
The Secretariat, Colombo-01, Sri Lanka.

Website: www.treasury.gov.lk Geo. E-mail: dgpf@pfd.treasury.gov.lk


මගේ අංකය / எனது இல / My No: PFD/PMD/App/Energy/2025/01/18

ඔබේ අංකය / உமது இல / Your No: PE/TEN/SHLPC/SP/2025/27

දිනය / திகதி / Date: 09.07.2025

ලිපිනය ලැබුණු දිනය
28 JUL 2025
පිළිගැනීම අධිකාරිය

Secretary
Ministry of Energy

**Appointment of a Bid Evaluation Committee (BEC) for Procurement of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026**
**Con. Ref. No. : LCC/25/TT/1**

This refers to your even numbered letter dated 09.07.2025 on the above subject.

02. I wish to inform you that the following Bid Evaluation Committee (BEC) is appointed for the above procurement to assist the Standing High Level Procurement Committee (SHLPC).

i. Eng. D. M. R. K. B. Gunarathna ✓ - Chairman
Deputy General Manager (Mahaweli Complex)
Ceylon Electricity Board

ii. Mr. T. P. Kodituwakku ✓ - Member
Director (Technical) (Ministry Representative)
Ministry of Energy

iii. Mrs. Himali Bogodagedara ✓ - Member
Director (Treasury Representative)
Department of External Resources
(Tel. No. 071-4460779)

iv. Eng. P. W. Bamunusinghe - Member
Power Plant Manager (Lakvijaya Power Station)
Ceylon Electricity Board

v. Mr. W. A. K. D. Premathilake - Member
Additional Finance Manager (Generation)
Ceylon Electricity Board ✓

| | | | |
|---|---|---|---|
| vi. | Eng. A. B. M. T. Abeykoon<br>Deputy Plant Manager (Commercial & Monitoring)<br>Ceylon Electricity Board | - | Member |
| vii. | Mr. B. A. Ajith Kumara<br>Finance Manager<br>Lanka Coal Company (Pvt.) Ltd | - | Member |
| viii. | Mr. Saman Herath<br>Accounts Officer/ Actg. Accountant<br>Lanka Coal Company (Pvt.) Ltd | - | Member |
| ix. | Mr. H. Saman De Silva<br>Actg. Manager (Chartering & Agency)<br>Ceylon Shipping Corporation Ltd | - | Member |

03. Attention of the BEC members are drawn to the responsibilities spelt out in para 2.4 of Procurement Guidelines – 2024.

04. Please be kind enough to collect the originals of duly filled declaration forms by all the members of the BEC and keep them under your custody.

R. S. K. Doolwalage
Additional Director General
For Director General Public Finance

Copies:

1. Director General, Department of External Resources
2. Mrs. Himali Bogodagedara, Director, Department of External Resources

} f.y.i.pl

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அரச நிதித் திணைக்களம்
DEPARTMENT OF PUBLIC FINANCE

Tel. 94-11-2484637
Fax. 94-11-2431458

General Treasury
Ministry of Finance, Planning and Economic Development
The Secretariat, Colombo-01, Sri Lanka

Website: www.treasury.gov.lk Gen. E-mail: dgpf@pfd.treasury.gov.lk

මගේ අංකය / எனது இல. / My No: PFD/PMD/SHLPC/2025/07

ඔබේ අංකය / உமது இல. / Your No: PE/TEN/SHLPC/SP/2025/27

දිනය / திகதி / Date: 28.07.2025

RECEIVED
28 JUL 2025

Secretary
Ministry of Energy

**Appointment of Standing High Level Procurement Committee (SHLPC) for Procurement of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026**

This has reference to your even numbered letter dated 24.07.2025 on the above subject.

02. As per your request, the SHLPC is appointed for the above procurement as follows;

| | | | |
|---|---|---|---|
| i. | Mr. K.R.Uduwawala<br>Secretary<br>Ministry of Environment | - | Chairman |
| ii. | Prof. K.T.M. Udayanga Hemapala<br>Secretary<br>Ministry of Energy | - | Line Ministry Member |
| iii. | Mr. M K. Pradeep Kumara<br>Director General<br>Department of Trade and Investment Policies<br>(Tel. No. 0112484930/ 0718320679) | - | Member<br>(Treasury<br>Representative) |
| iv. | Eng. Wasantha Edussuriya<br>Acting General Manager<br>Ceylon Electricity Board | - | Member |
| v. | Mrs. W.A. Dilrukshini<br>Assistant Governor<br>Central Bank of Sri Lanka | - | Member |

3. As per the Section 2.4 (F) of the Procurement Guidelines – 2024 Goods, Works and Non-Consulting Institutions each member of the SHLPC is required to sign a declaration in prescribed format. You may keep the originals of the duly filled declaration forms signed by the all members of the SHLPC under your custody.

R. S. K. Doolwalage
Additional Director General
For Director General Public Finance

Copy: Director General, Mr. M K. Pradeep Kumara, Department of Trade and Investment Policies - f.y.i.pl.

බලශක්ති අමාත්‍යාංශය
வலுசக்தி அமைச்சு
MINISTRY OF ENERGY

437, ගාල්ල පාර, කොළඹ 03 | 437, காலி வீதி, கொழும்பு 03 | 437, Galle Road, Colombo 03

My No. PE/TEN/SHLPC/SP/2025/27 | Your No. | Date 14.08.2025

1. **Mr. K.R. Uduwawala**, Secretary, Ministry of Environment - Chairman/SHLPC
2. **Prof. K.T.M. Udayanga Hemapala**, Secretary, Ministry of Energy - Member/ SHLPC
3. **Mrs. W.A. Dilrukshini**, Assistant Governor, Central Bank of Sri Lanka - Member/SHLPC
4. **Eng. Wasantha Edussuriya**, Acting General Manager, Ceylon Electricity Board - Member/SHLPC

**Replacement of a Member (Treasury Representative) of the Standing High Level Procurement Committee (SHLPC) for the Procurement of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025 - 2026**

This refers to the letter of Department of Public Finance, No. PFD/PMD/SHLPC/2025/07 dated 12.08.2025 regarding the above matter. (Copy of the letter is attached herewith.)

02. I wish to inform you that, Mrs. N A H K Wijerathna, Additional Director General, Department of Public Enterprises as the Member (Treasury Representative) of the above SHLPC in place of Mr. M K Pradeep Kumara, Director General, Department of Trade and Investment Policies.

03. Accordingly, composition of the Standing High Level Procurement Committee (SHLPC) for the above procurement as follows:

I. Mr. K.R. Uduwawala, Secretary, Ministry of Environment - Chairman
II. Prof. K.T.M. Udayanga Hemapala, Secretary, Ministry of Energy - Member
III. Mrs. W.A. Dilrukshini, Assistant Governor, Central Bank of Sri Lanka - Member
IV. Mrs. N A H K Wijerathna, Additional Director Genera, Department of Public Enterprises - Member
V. Eng. Wasantha Edussuriya, Acting General Manager, Ceylon Electricity Board - Member

**U L Jayasundara,**
Senior Assistant Secretary (Procurement)
For Secretary,

C/L

Copy:
Mrs. N A H K Wijerathna, Additional Director General, Department of Public Enterprises – f.i.p.



අධ්‍යක්ෂ Director | Tel (+94)-11-2370115 | අධ්‍යක්ෂ Director | Tel (+94)-11-2574922 | අධ්‍යක්ෂ

# MINISTRY OF ENERGY
# LANKA COAL COMPANY (PRIVATE) LIMITED

## REGISTRATION OF SUPPLIERS TO SUPPLY COAL FOR LAKVIJAYA POWER PLANT (900MW) UNDER SPOT AND TERM TENDERS

The Chairman, Special Standing Cabinet Appointed Procurement Committee (SSCAPC) of Ministry of Energy on behalf of Lanka Coal Company (Private) Limited (LCC) invites sealed APPLICATIONS FOR REGISTRATION OF COAL SUPPLIERS from principals, who wish to register themselves with LCC to supply coal for Lakwijaya Power Plant-Puttalam, Sri Lanka under spot and term tenders.

1. Annual quantity of coal required is 2,250,000 ±10% Metric Tons.
2. A complete set of documents with regard to the application for registration of coal suppliers may be obtained free of charge. Also the **Sample Application** will be available for your information on LCC website www.lankacoal.lk (https://lankacoal.lk/docs/The-Application-Coal-Supply-Registration.pdf). However, please note the **Original Application** can be obtain only a request letter from the principle by email or physically at the below address from 09.00 AM to 04.00 PM (Sri Lanka Standard Time) on working days:

   **Procurement Manager**
   **Lanka Coal Company (Private) Limited**
   **51/3, Suranimala Place, Off-Dutugemunu Street, Kohuwala-Dehiwala, Sri Lanka.**

3. Sealed applications / documents shall be delivered to the address given in Item 2 above, on any working day until further notice. There is no deadline for submission of applications. Applications will be opened on every Monday at 10.00 am (Sri Lanka Standard Time) at the address given in Item 2 above.

4. **The suppliers who have already registered with LCC are not required to reapply.**

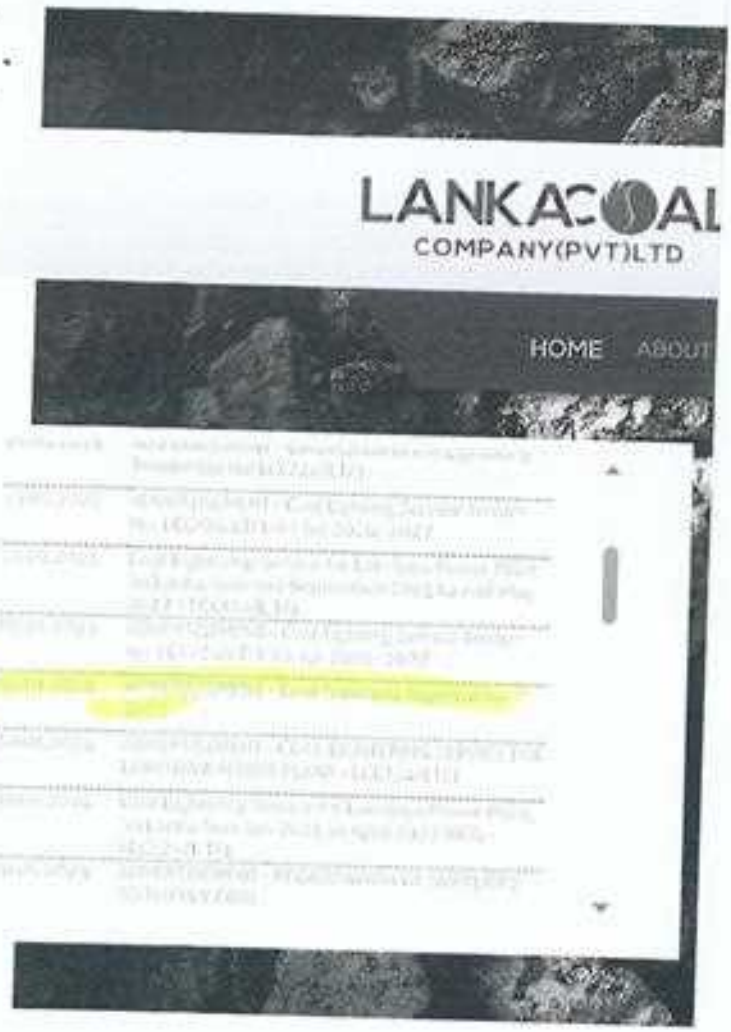
Registration fee is non-**refundable** USD 5000 for a period of three years and should be paid after the SSCAPC approval for registration.

For further details, please contact Procurement Manager, LCC on 011 – 2824681/2 or 077 787 5219, Fax: 011 2824689, e-mail: Sujantha.pm@lankacoal.lk.

**Chairman,**
**Special Standing Cabinet Appointed Procurement Committee,**
**Ministry of Energy**

LANKACOAL
COMPANY(PVT)LTD
**51/3, Suranimala Place, Off-Dutugemunu Street, Kohuwala-Dehiwala, Sri Lanka.**

22




RECENT HEADLINES

# LANKACOAL

COMPANY (PVT) LTD

MINISTRY OF ENERGY

LANKA COAL COMPANY (PRIVATE) LIMITED

## REGISTRATION OF SUPPLIERS TO SUPPLY COAL FOR LAKVIJAYA POWER PLANT (900MW) UNDER SPOT AND TERM TENDERS

The Chairman, Special Standing Cabinet Appointed Procurement Committee (SSCAPC) of Ministry of Energy on behalf of Lanka Coal Company (Private) Limited (LCC) invites sealed **APPLICATIONS FOR REGISTRATION OF COAL SUPPLIERS** from principals who wish to register themselves with LCC to supply coal for Lakvijaya Power Plant, Puttalam, Sri Lanka under spot and term tenders.

1. Annual quantity of coal required is 2,250,000 ±10% Metric tons.
2. A complete set of documents with regard to the application for registration of coal suppliers may be obtained free of charge. Also the Sample Application will be available for your information on LCC website: www.lankacoal.lk https://lankacoal.lk/docs/The Application Coal Supply Registration.pdf ) However, please note the Original Application can be obtain only a request letter from the principle by email or physically at the below address from **09.00 AM to 04.00 PM (Sri Lanka Standard Time)** on working days.

   **Procurement Manager,**
   **Lanka Coal Company (Private) Limited,**
   **51/3, Suranimala Place, Off-Dutugemunu Street,**
   **Kohuwala-Dehiwala,**
   **Sri Lanka.**

3. Sealed applications / documents shall be delivered to the address given in Item 2 above on any working day until further notice. There is no deadline for submission of applications. Applications will be opened on **every Monday at 10.00 am (Sri Lanka Standard Time)** at the address given in Item 2 above.
4. The suppliers who have already registered with LCC are not required to reapply.

Registration fee is **non-refundable USD 5000** for a period of three years and should be paid after the SSCAPC approval for registration.

For further details, please contact **Procurement Manager, LCC on 011 - 2824681/2 or 077 787 5219 Fax: 011 2824689, e-mail: Sujantha.pm@lankacoal.lk.**

**Chairman,**
**Special Standing Cabinet Appointed Procurement Committee,**
**Ministry of Energy.**

**LANKA COAL COMPANY (PVT.) LTD**
**51/3, Suranimala Place, Off-Dutugemunu Street,**
**Kohuwala-Dehiwala, Sri Lanka**

# INSTRUCTIONS TO APPLICANTS

## 1. INVITATION

Chairman, Special Standing Cabinet Appointed Procurement Committee (SSCAPC) of Ministry of Energy, Sri Lanka invites you amongst others to register with Lanka Coal Company (Private) Limited to supply of coal for the 900MW Lakvijaya Coal Power Plant at Puttalam. This invitation is extended on behalf of Lanka Coal Company (Private) Limited (LCC).

## 2. INTRODUCTION

Lakvijaya Coal Power Plant (The Plant) of CEB requires 2.25 ± 10 % Million MT of coal per year. LCC has been contracted by the CEB to supply entire requirement of coal for The Plant. In order to make sure the guaranteed quality supply of coal to The Plant, LCC decided to select internationally reputed coal suppliers and register them as its coal supplying parties. After the eligible coal suppliers are registered the LCC will call bids only from those who have registered to supply coal for The Plant. Therefore, in future open bids will not be called, to supply coal to Lakvijaya Power Plant. However, to include new suppliers to the registered list, LCC will call applications to register new suppliers. Therefore, new suppliers always can be included in the coal suppliers list and update the list. The registration will be done for three years and can be renewed after evaluation on the criteria for registration. This process will help LCC to build the partnership with coal suppliers, so that unnecessary delays in evaluation of Technical and Financial capabilities of bidders can be avoided. Once the suppliers are registered, only the Price Proposals can be invited from the Registered Suppliers. Registration does not guarantee that the registered suppliers will be awarded a coal supply contract. Bidders must win the tender for that.

Note:
Terms and Conditions of coal supply contract will be provided at the time of inviting bids for price proposal.

Registration of the Suppliers is done in the sole discretion of the SSCAPC. At any given time if a registered supplier found that do not comply with eligibility criteria, SSCAPC have the right to cancel the registration without refunding the fee.

### Ministry of Energy

On behalf of Government of Sri Lanka, Ministry of Energy formulate policies, strategies and programs to meet the power demand in the country. Both government institutions namely, Ceylon Electricity Board and Lanka Coal Company (Pvt) Ltd, involved in power generation using coal and supply of coal for power generation are under the purview of the Ministry of Energy.

### CEB

The Ceylon Electricity Board is a corporate body established by the Act No. 17 of 1969. It is empowered to generate electrical energy, transmit the same and distribute it to reach all categories of consumers., to collect the revenue as per the tariff approved by the Public Utility Commission of Sri Lanka (PUCSL) and to perform its functions under the Act and the licenses issued by the PUCSL as to secure that the total revenues of the Board is sufficient for its implementation.

## LCC

Lanka Coal Company (Pvt) Limited (LCC) is the authorized agency for supply of coal for 3x300 MW Lakvijaya Coal Power Plant located in the west coast of Sri Lanka. LCC was incorporated in January 2008 for the procurement of coal to meet full requirement of all coal fired power stations in the country. Shares of the company are held by the Ministry of Finance and Planning, Ceylon Electricity Board, Sri Lanka Ports Authority and Ceylon Shipping Corporation Ltd. LCC is a fully Government owned private company.

## 3. QUALITY

LCC's Standard Values and Reject Values for Coal to be supplied to The Plant are as follows.

**LCC STANDARD VALUES FOR COAL**

| PROXIMATE (%) | UNIT | *As Received* BASIS |
|---|---|---|
| GCV (kcal/kg) | kcal/kg | 6,150 |
| Total Moisture | % wt | 12.0 or below |
| Volatile Matter | % wt | 31 |
| Fixed Carbon | % wt | 49.5 |
| Sulphur | % wt | 0.5 or below |
| Ash | % wt | 11.0 or below |
| HGI | °H | 50 |
| Grain Size above 50 mm | % wt | 3.0% or below by weight |
| Grain Size below 2 mm | % wt | 22.5% or below by weight |
| **ASH FUSION (°C)** | | ***Reducing*** |
| IDT | °C | 1,250 |
| Fluid | °C | 1,325 |

**LCC REJECT VALUES FOR COAL**

| Parameter | LCC REJECT VALUES |
|---|---|
| Gross Calorific Value | Less than 5,900 kcal / kg |
| Total Moisture | More than 16.0 % by weight |
| Ash Content | More than 16 % by weight |
| Volatile Matter | Less than 22 %, More than 39.9 % by weight |
| Sulphur Content | More than 1.0 % by weight |
| HGI | Less than 40, More than 59 |
| Size Consist : a) Above 50 mm | More than 5 % by weight |
| b) Below 2 mm | More than 30 % by weight |
| Ash Fusion Temperature *R* | |
| *IDT (Deformation)* | Less than 1,150°C |
| F.T (Fluid) | Less than 1,250°C |

***Note***: *R equals Reducing Atmosphere, (Proximate analysis - as received basis)*

***Eligible suppliers may supply the coal within the range of LCC standard values and reject values.***

## 4. COLLECTING OF APPLICATION FOR REGISTRATION OF SUPPLIERS

Application for registration of coal suppliers could be obtained by interested applicants on submission of a written request from the principles from 09.00 AM to 04.00 PM (Sri Lanka Standard Time) on working days from following address. There will not be charged to collect the Application form.

**Manager Procurement**
**Lanka Coal Company (Private) Limited**
**51/3, Suranimala Place, Off-Dutugemunu Street,**
**Kohuwala / Dehiwala, Sri Lanka 10350.**
**Tel: +94 112 824681 – 2**
**Fax: +94 112 824689**
**Email: sujantha.pm@lankacoal.lk**

## 5. SUBMITTING OF APPLICATION FOR REGISTRATION OF SUPPLIERS

Application shall be submitted by hand or sent by courier to the following address.

**C/o Chairman SSCAPC**
**Chairman and Managing Director**
**Lanka Coal Company (Private) Limited**
**51/3, Suranimala Place, Off-Dutugemunu Street,**
**Kohuwala/Dehiwala, Sri Lanka 10350.**

There is no deadline for submission of applications. Applications will be opened on every Monday at 14.00 hours unless the Monday falls on a holiday in Sri Lanka (Sri Lanka Standard Time) at the above address. Applicants or their authorized representatives may witness the opening.

## 6. DOCUMENTS RELATED TO REGISTRATION

The Applicant is expected to examine all instructions specifications of coal and other information in this Document. Failure to furnish all information required or submission of an application not substantially responsive to this Document will be at the Applicant's risk and may result in rejection the application. Registered Suppliers who submit Bids, when Price Proposals are invited, should register under Public Contract Act No.3 of 1987 and its latest revision.

## 6.1. CLARIFICATION OF DOCUMENTS RELATED TO REGISTRATION

A prospective applicant requiring any clarification of this Document may notify LCC in writing or electronically by email (confirmed by telefax) or telefax at the LCC's address indicated in clause 4 above. LCC will respond in writing to requests for clarification.

## 6.2. AMENDMENT OF DOCUMENTS RELATED TO REGISTRATION

At any time, LCC may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective applicant, amend the Documents Related to Registration by issuing an Addendum. Notice of any amendments will be made available in writing and electronically by email (confirmed by telefax) or telefax to all prospective Applicants who have obtained the Documents and will be binding on them. It will be assumed that the information contained therein will have been taken into account by the Applicant.

## 7. PREPARATION OF APPLICATION

### 7.1. LANGUAGE OF APPLICATION

The Application prepared by the Applicant and all correspondence and documents related to the Registration exchanged by the Applicant and LCC, shall be written in the English language, provided that any printed literature furnished by the Applicant may be written in another language so long as accompanied by an English translation. For purposes of interpretation of the Application, the English translation shall govern. Any document submitted in another language without accompanying English translation shall not be considered for the evaluation.

### 7.2. SEALING, MARKING AND SUBMISSION OF APPLICATION FOR REGISTRATION

The Applicant shall submit the Application for Registration in two separately sealed envelopes addressed to LCC. Those two envelopes shall be marked separately as **"Original"** and **"Copy"** and also bear the name of the procurement, the Procurement Number. In the event of any discrepancy between the Original and the Copy, the Original shall govern.

The Original and the Copy of the Application, shall be typed written or otherwise reproduced in indelible ink and shall be signed by the Applicant or a person or persons duly authorized to bind the Applicant to the Registration.

Please note the following requirements regarding the letter of authorization:

> The **Power-of-Attorney or/ and a certified Board Resolution** duly authorized by a **Notary Public,** the **Business Registration Certificate/License**, and **Details of Directors** must be authorized by the respective **Sri Lankan foreign mission of the applicant country.**

Please ensure that these requirements are met to facilitate the processing of your application. Should you need further clarification, do not hesitate to reach out.

All pages of the Application shall be initialed by the person or persons signing the Application.

The Application shall not contain any interlineations, erasures or overwriting except as necessary to correct errors made by the Applicant, in which case such corrections shall be initialed by the person or persons signing the Application.

### 7.3. OPENING OF APPLICATIONS & DOCUMENTS RELATED TO REGISTRATION BY LCC

The LCC will open only the Original Envelope at the time of Opening. Applicant's representatives may attend the opening.

The Applicant's name and such other details as LCC may consider at its discretion, will be announced and recorded at the opening. The Applicant's representatives who are present shall be requested to sign the schedule prepared by the opening committee.

### 7.4. CLARIFICATION OF DOCUMENTS RELATED TO REGISTRATION (at the time of evaluation)

To assist in the examination and evaluation of Applications the LCC may, at its discretion and at any time, ask the Applicant for a clarification of its Application.

The request for clarification and the response shall be in writing and no change in the substance of the Application shall be sought, offered or permitted.

## 8. ELIGIBILITY AND QUALIFICATIONS OF THE APPLICANTS

### 8.1. JOINT VENTURE OF COMPANIES

A joint venture shall be required to be qualified according to the criteria stated in this Section. All individual members of the joint venture must qualify according to the criteria stated in sub-clause 10.3 for the joint venture to qualify to submit an Application.

If a joint venture includes a member who is not qualified, then the whole joint venture shall be disqualified from Registration as a Coal supplier, even if the other members of the joint venture are individually qualified.

Applications submitted by a joint venture of two or more firms as partners shall comply with the following requirements:

a) Applicant shall include all the information listed in the Application, Paragraph (a) to Paragraph (g) for each joint venture partner and Paragraph (h) for the joint venture;

b) One of the partners shall be nominated as Lead Partner of the Joint Venture (The "Lead Partner"); and this authorization shall be evidenced by submitting a Power of
Attorney signed by legally authorized signatories of all the partners;

c) The Lead Partner shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture and the entire execution of the Contracts including payments, which shall be done exclusively with the Lead Partner;

d) All partners of a joint venture shall be jointly and severally liable for the execution of the Contracts in accordance with the contract terms, and a statement to this effect shall be included in the authorization mentioned under (c) above, as well as in the Application;

e) A copy of the agreement entered into by the joint venture partners shall be submitted with the Application.

## 9. INDIVIDUAL / JOINT VENTURE APPLICATIONS

a) No Applicant may submit more than one Application and no joint venture member may submit or participate in more than one Application for this Coal Supply Registration. If a Joint Venture indicates a member who participates in more than one application, then such J / V shall be disqualified even if the other members of the J / V individually qualified.

The Applications of such Applicants who participate in more than one will be rejected.

b) If the company applying for registration has an experience of supply more than 500,000 MT of coal in the last 36 months *(A minimum 100,000MT of Experience with a GCV 5900 kcal/kg or above)* and if the company is a

subsidiary or affiliate of a company, the applicant company should submit the consolidated financial statements, in case the applicant company falls short of the requirement. The annual average turnover of the group companies for the last 3 years should be more than 150 million. In this case, the parent company's or holding company's board of directors should submit a duly signed power of attorney along with a board resolution stating that they will offer financial support to the applicant for the delivery of coal if they selected for supply through a competitive bidding process.

No other company belonging to the group of companies can apply for registration as a coal supplier.

## 10. QUALIFICATION OF APPLICANTS (INDIVIDUAL / JOINT VENTURE)

**10.1.** To be qualified to submit an Application for Registration of Supply of Coal, the Applicant shall provide evidence satisfactory to LCC of the capability and adequacy of resources to carry out the Contract effectively. Applicants shall provide the information requested in the application.

**10.2.** For the purpose of registration for supplying coal to LCC, applicants shall meet the following **minimum** qualification criteria and application of applicants who fail to provide evidence as below to prove that he meets with the minimum qualification criteria shall be rejected:

a) Average annual turnover of USD 50 million or equivalent, over the last three (3) financial years.

Audited financial statements for the immediate last two years and draft/management account for the rest of the period up to one month of the application date shall be submitted. The annual average turnover of the company should be more than USD 50 Million or equivalent.
In the event of the commencement of the applicant's financial years does not coincide with calendar years, the Applicants are requested to submit these statements with respect to the last three years according to the respective financial year for their companies.

- However, an applicant will not be considered credible if there are disclaimers or adverse opinions in the audit reports.
- The applicant should present their consolidated account to demonstrate their connection if they are a subsidiary, affiliated, or sister company.

b) **Have experience supplying at least 500,000 metric tons of coal during the previous 36 months, with at least 100,000 metric tons of that coal needing to have a gross calorific value (on an as-received basis) of 5900 kcal/kg or above. Any transactions of supplying coal between the partners of a Joint Venture formed for this Registration of Coal Supply will not be taken for consideration for the purposes of assessing experience of the Joint Venture.**

Similarly, any transactions of supplying coal between the parents and/or subsidiaries and/or associates of an Applicant or a partner of a Joint Venture will not be taken for consideration for the purposes of assessing experience of the Applicant or Joint Venture, as the case may be.

Applicant is required to provide the following supporting information from all the Purchasers indicated in Part 1 of Clause (d) in the application duly certified by the respective Purchaser.

c) The Contract numbers and Contract dates and Coal actually supplied to the indicated Purchaser by the Applicant's Company during the period 2020 to 2022 in Part 2 of Clause (d) in the application. The Purchaser need clearly indicate the name of the supplier and any discrepancy in the name cannot be accepted.

d) The Bill of Lading (BL) / Goods Receipt Notice (GRN) reference numbers, and quantity of Coal received under each BL/GRN in Part 3 of Clause (d) in the application together with copies of all such BLs/GRNs and any other relevant document such as invoices along with the customs entries for coal supplied under the contracts indicated in Part 2 of Clause (d) in the application. If the BLs/GRNs do not provide any references to the applicable Coal Supply Contracts as indicated in Part 2 of Clause (d) in the application or names of the purchaser and shipper as appear in the BLs/GRNs do not exactly match with the name of the respective Purchaser and your company, the Purchaser is required to specifically certify that all BLs/GRNs referred to by him are related to the Coal delivery under the respective Coal Supply Contracts.

Further In order to prove that the Applicant has *supplied five hundred thousand (500,000)* Metric Tons of coal as required herein above, Applicant shall provide Test Certificate issued by an independent testing authority and/or a certificate from his purchaser specifying that the coal received has relevant specifications (As Received Basis). Such certificate shall clearly identify the consignment of coal for which such certificate is applicable by way of reference to the vessel name and date. The quantity of coal meeting these criteria shall be established by providing the documents and information specified in above item (ii) above. It is the responsibility of the Applicant to prove that certificates specified above and BL/GRN are both applicable for the same consignment of coal.

**Note: If the contact details provided above in the relevant fields are unreachable/unresponsive and or any LCC verification request is not complied by the applicant's provided purchaser / miner / buyer within one week from the date of request, this information shall not be considered valid.**

e) Working Capital and or evidence of access to or availability of Credit Facility for not less than USD 15 Million

i) In case of Working Capital, it will be derived by using the following formula based on the values represent the latest balance sheet.

Working Capital = Total Current Assets – Total Current Liabilities

ii) Applicant shall provide original letter of confirmation from the applicant's bank(s) as evidence of availability of Credit Facilities. Photocopies, faxes, email shall not be acceptable.

f) *Shall submit a letter stating that the quality of coal from the proposed mines is within the acceptable range of LCC as specified in clause 3 of*

*this document*

g) Shall provide accurate information on any litigation or arbitration resulting from contract completed or under execution by him over the last three (3) years. A consistent history of arbitration decisions opposing the claim of the Applicant or any partner of a joint venture will result in disqualification. Any applicant who is already on litigation process or has failed to supply coal as per the contractual terms or breached the contracts relating to supply of coal to LCC shall be disqualified.

**10.3.** The figures for each of the partners of a Joint Venture shall be added together to determine the Joint Venture's compliance with the minimum qualifying criteria set out in Sub-Clause 10.2 above; however, in order for a Joint Venture to qualify, each of its partners must individually meet at least 35% of the minimum criteria listed in sub-clause 10.2 (a) and (c) for an individual company and the Lead Partner, also should individually meet at least 50% of those minimum criteria. Failure to comply with this requirement will result in the disqualification of a Joint Venture. Sub-contractors' experience and resources shall not be taken into account in determining the company's compliance with the qualification criteria.

**10.4.** The following additional prerequisites for qualification shall be fulfilled by the Applicant in order to be qualified.

The Applicant shall be,

a. A properly constituted firm, company, partnership or enterprise duly organized and existing and registered under the laws of its country of registration. Copies of company registration and/or incorporation certificate shall be provided.

b. No criminal or civil case in court pending or finally decided against him or it, involving non-payment of tax, duty, or undertaking with the government or any of its

sub-divisions, branches or instrumentality, including government-owned or controlled corporations, in Sri Lanka or the Applicant's country.

Confirmation of status in the form of statement signed by the authorized signatory shall be provided.

c. Not been involved in or not currently be involved in bankruptcy.

Confirmation of status in the form of statement signed by the authorized signatory shall be provided.

d. Good bank references, duly confirmed, and full financial support.

Original letter(s) issued by the bank shall be provided and copies, emails or faxes shall not be acceptable.

e. **The Copy of Business Registration or copy of Certificate of Incorporation should be endorsed by an acceptable authorized entity of applicant's country in order to prove the authenticity of the original document.**

## 11. DELIVERY SCHEDULE

Due to the south west monsoon pattern coal delivery is existed from mid-September

to Mid-April of the following year. For the information of the applicants, the approximate quantity of coal required for a one coal season is 2.25 million MT±10%. The amount of coal supply varies from one season to another depending on the quantity requested by the Lakvijaya Power Plant. Coal is transported by **geared vessels** from the loading ports to the Puttalam Anchorage and by barge from the Puttalam anchorage to the Lakvijaya Power Plant Jetty. A coal season's monthly potential schedule for coal unloading at Puttalam Anchorage is appended below.

| Month | Number of Shipments | Monthly Minimum Tentative Quantity (MT) ± 10% |
|---|---|---|
| September | 3 | 180,000 |
| October | 5 | 300,000 |
| November | 5 | 300,000 |
| December | 6 | 360,000 |
| January | 5 | 300,000 |
| February | 5 | 300,000 |
| March | 5 | 300,000 |
| April | 5 | 300,000 |

## 12. CONTACTS WITH LCC

Subject to Clause 7.4, no Applicant shall contact LCC or any other person or organization involved on any matter relating to its application, from the time of the opening of applications for registration.

Any effort by an Applicant to influence LCC in evaluation or decisions may result in rejection of the Application.

## 13. NOTIFICATION OF ACCEPTANCE AND REGISTRATION

Application shall be submitted to LCC with nonrefundable payment of USD 5000. Once pre-qualified, applicant will be formally informed in writing by registered letters or electronically by E-Mails or Telefaxes and confirmed in writing by registered letters. The eligible applicants will be registered for a period of three years.

The list of Registered Coal Suppliers will be updated on regular basis, based on the requests made by the prospective applicants to LCC with the approval of the SSCAPC.

Registration of the Suppliers is done in the sole discretion of the SSCAPC.

## 14. LIST OF DOCUMENTS TO BE FURNISHED

The following additional prerequisites for qualification shall be fulfilled by the Applicant in order to be qualified

1) A properly constituted firm, company, partnership or enterprise duly organized and existing and registered under the laws of its country of registration. **Copies of company registration and/or incorporation certificate shall be provided with certification by respective foreign authority.**

2) No criminal or civil case in court pending or finally decided against him or it, involving non-payment of tax, duty, or undertaking with the government or any of its sub-divisions, branches or instrumentality, including government-owned or controlled corporations, in Sri Lanka or the Bidder's country.

   Confirmation of status in the form of statement signed by the authorized signatory shall be provided.

3) Not been involved in or not currently be involved in bankruptcy.

   Confirmation of status in the form of statement signed by the authorized signatory shall be provided.

4) Good bank references, duly confirmed, and full financial support.

   Original letter(s) issued by the bank shall be provided and copies, emails or faxes shall not be acceptable.

Note: ***LCC at its discretion, may request the documents submitted by the applicant to be authenticated by the relevant Embassies / Foreign Missions.***

15. **Termination of the registration**

At any given time if a registered supplier found that do not comply with tender criteria, SSCAPC have the right to cancel/terminate the registration.

**CHECK LIST**

| | | |
|---|---|---|
| 1 | Completed and duly signed application form | |
| | Copy of the Business Registration Certified by the relevant authorized in the applicant's country (clause 10.4 e.) | |
| | Power of Attorney / Board Resolution (Clause 7.2) | |
| | Audited Financial Accounts as per 10.2 a) - there should be at least latest 2 years Audited Financial Reports | |
| | List of Reference to be filled by the applicant | |
| | General Experience – all cages should be filled | |
| | Particular experience for 500,000 MT<br>• B/L Information / GRN<br>• Test Certificates<br>10.2 d) | |
| | Part 1- summery of Purchaser's information (Please use separate table for each purchaser) | |
| | Part 2 – Confirmation of Purchaser's (Please use separate table for each purchaser) | |

| | Part 3 – Summary table (Please use a separate sheet) | |
|---|---|---|
| e) | Part 2 - Confirmation of source of credit by a bank letter | |
| f) | Reference letter of company's Bankers | |
| | Litigation and Arbitration status of the company by a company letter (10.4 b) | |
| | Bankruptcy status (Clause 10.4 c) | |
| | LCC's Coal quality acceptance by the applicant's letter as per the clause 3. | |

## 16. EXPIRATION OF SUPPLIER REGISTRATION PERIOD AND RE-REGISTRATION

The registration expires after three years from the date of payment of the registration fee.

If a registered supplier wishes to continue their registration for another 3 years, they must submit a new application for the re-registration process before the registration expires. The effective date for re-registration is the date on which the registration fee is paid after SSCAPC approval.

The information requested for each relevant previous periods should be considered from the date of expiry of the registration validity period (e.g. If your registration period ends on 20/04/2024, you should consider previous information for the relevant clauses to 2023, 2022 and 2021). Accordingly, the following clauses of the application should be completed and submitted for re-registration.

a) Statement of the Application signed by the power of attorney holder
b) Audited financial accounts as per the clause 10.2 a)
c) Duly authorized power of attorney as per clause 7.2
d) Primary Bankers information
e) Litigation Arbitration as per clause 10.4 b.

Additional information as per the documents mentioned in the above item 14 without item 14.1.

| Minutes of the Standing High Level Procurement Committee (SHLPC) Meeting held at Ministry of Energy | | | |
|---|---|---|---|
| Name of the Procurement Committee | SHLPC | Name of the Procurement Entity | Lanka Coal Com Pvt Ltd (LC |

**Registration of Coal Suppliers for Lakvijaya Power Plant (900MW) - Puttalam**

| Meeting No: | 52 | Date | 13.08.2025 | Purpose | To consider the BEC report dated 05.08.2025 |
|---|---|---|---|---|---|

**Members Present**

**SHLPC Members**

**Mr. K R Uduwawala,** - Chairman
Secretary, Ministry of Environment (Virtually)

**Prof. K T M Udayanga Hemapala,** - Member
Secretary, Ministry of Energy.

**Mrs. W A Dilrukshini,** - Member
Assistant Governor, Central Bank of Sri Lanka.

**Mr. M K Pradeep Kumara** - Member
Director General, Department of Trade and Investment Policies (Absent)

**Eng. (Mr.) W Edussuriya** - Member
General Manager, Ceylon Electricity Board.

**BEC Members**

Eng. D M R K B Gunarathna - Chairman
DGM (Mahaweli Complex), CEB

Mr. T P Kodituwakku - Member
Director (Technical), M/Energy

Mrs. Himali Bogadagedara - Member
Director, Dept. of External Resources (Virtually)

Mr. W.A.K.D. Premathilake - Member
Addl. Finance Manager (Generation), CEB

Mr. B.A. Ajith Kumara - Member
Finance Manager, LCC

Mr. H. Saman De Silva - Member
Actg.Manager(Catering & Agency), CSCL

**PE Representative**

Mr. Sujantha Rathnayake
Procurement Manager, LCC

**Document Circulated: BEC report LCC/REG/TEC-46 dated 05.08.2025**

**1. Background:**

As per the Cabinet Decision No. 15/1082/615/042 dated 22.07.2015, TEC and SSCAPC were appointed by the Department of Public Finance on 23.07.2015 for the above purposes. Accordingly, the applications for registration of suppliers for supply of coal were opened and conducting evaluation on weekly basis as per the approval of SSCAPC on 30.06.2016. At present, the application is available on LCC website. There is no closing date for the Registration of Coal Suppliers. The applications received by LCC are opened every Monday of the week allowing to open the received application at four times a month.

By the decision of Cabinet of Ministers no. 25/0459/825/027 dated 24.03.2025, approval has been granted for the appointment of Standing High Level Procurement Committees (SHLPC) and Bid Evaluation Committees (BEC) as per the clause 2.7.2.(a) and 2.7.2. (b) of the Procurement Guidelines – 2024 in place of SSCAPC and TEC appointed by previously existed Cabinet of Ministers for the procurement of Petroleum and Petroleum related Products and Coal and the powers can be delegated to those committees, subject to obtain the concurrence/advice of the NPC. Then, the concurrence of the NPC is sought to appoint single SHLPC and a BEC for both Long term and Spot (Short term) procurement processes of the Coal including the Coal Supplier registration process. In reply by the letter no. NPC/PP/01/CL-154/2025, NPC has decided to grant concurrence for the appointment of a single SHLPC and BEC for the purpose requested by the Ministry. Accordingly,

Department of Public Enterprises appointed the SHLPC and a BEC for the coal procurement on 28.07.2015 for the above purposes.

**2. Main Observations Made:**

2.1. Applications for New-Registration of Suppliers

In response to the advertisement published for coal supplier registration as referenced above, Lanka Coal Company (Pvt.) Ltd (LCC) received Nine (09) applications from the following companies seeking registration as coal suppliers with LCC.

(i) SPIRIKO LIMITED - Registered Office at 7/F, MW Tower, 111 Bonham Strand, Sheung Wan, Hong Kong
(ii) A2A TRADING FZE - Registered Office at 427-2 TEC, 03, 3-One Central Dubai World Trade, Dubai
(iii) PANACAPE TRADING DMCC - Registered Office at Unit No.2701, JBC2, Plot No.JLT-PH2-V1A, Jumeirah Lakes Towers, Dubai, UAE, P.O. 566705.
(iv) PERSEVERANCE DMCC - Registered office at Unit No. R101-03-03, Reef Tower, Plot No. JLT-PH2-01A, Jumeirah Lakes Towers, Dubai, UAE
(v) POTENCIA LLC-FZ - Registered office at Business Center 1, M Floor, The Meydan Hotel, Nad al Sheba, Dubai, UAE.
(vi) TRIDENT CHEMPHAR LIMITED - Registered office at Sy.No.66 and 67, Miyapur, Serilingampally Mandal, Hyderabad, Telangana – 500050
(vii) PT. RAJAWALI MULTI ARTHA - Registered office at Simpang Cemara II. No.31, Rt.40, Sungai Miai Village, North Banjarmasin sub – district, Banjarmasin City, South Kalimantan, Indonesia
(viii) EQUENTIA NATURAL RESOURCES DMCC - Registered office at Unit No. AG-010D, AG Tower, Plot No.JLT-PH1 A, PO BOX 413684, Jumeirah Lakes Tower, Dubai, UAE
(ix) LX INTERNATIONAL CORP - Registered office at 58 Saemunan- ro jongno –gu seoul, 03184, Korea

**3. BEC observation**

3.1. BEC reported that, LCC has requested and reminded the following companies to submit the insufficient documents, they have not completed the submission and therefore, will not be considered for this evaluation.

(i) PT.RAJAWALI MULTI ARTHA - Registered Office at Simpang Cemara II. No.31, Rt.40, Sungai Miai Village, North Banjarmasin sub – district, Banjarmasin City, South Kalimantan, Indonesia
(ii) EQUENTIA NATURAL RESOURCES DMCC - Registered office at Unit No. AG-010D, AG Tower, Plot No.JLT-PH1 A, PO BOX 413684, Jumeirah Lakes Tower, Dubai, UAE
(iii) LX INTERNATIONAL CROP - Registered office at 58 Saemunan- ro jongno –gu seoul, 03184, Korea

**4.BEC Evaluation**

Six (06) companies were considered for evaluation based on the documents submitted along with the application and subsequent documents submitted by them.

Evaluation Results for New Registration:

4.1 **SPIRIKO LIMITED**

The company has submitted the required documentation, including the Application Form for Registration of Coal Supplier, along with the remaining documents necessary to meet the eligibility criteria specified for coal supplier registration.

The following prerequisites for qualification have been fulfilled by the Applicant to be qualified

- The BLs and Test Certificates that they have submitted to prove having Gross Calorific Value (As Received Basis) of 5900 kCal/kg or higher, cover 536,597 MT of coal. Accordingly, the required criteria have been complied.
- The company has submitted annual audited financial statements for three years. The total turnover over the last 03 years was USD 163 million and meets the eligibility requirement of minimum of USD 150 million

**Turnover Details:**
2022: USD 29 million
2023: USD 64 million
2024: USD 69 million

- The Working capital requirement of USD 51 Mn was complied with the requirement (more than USD 15 million).
- The Power of Attorney has been submitted by the company's Director, who holds Sri Lankan citizenship. Therefore, the Power of Attorney has not been authenticated by the relevant foreign embassy. However, the company's Business Registration has been duly authenticated by the Sri Lankan foreign mission in the country where the company is incorporated.

4.2 **A2A TRADING FZE.**

The company has submitted the required documentation, including the Application Form for Registration of Coal Supplier, along with the remaining documents necessary to meet the eligibility criteria specified for coal supplier registration.

The following prerequisites for qualification have been fulfilled by the Applicant to be qualified.

- All the BLs and Test Certificates that they have submitted to prove having Gross Calorific Value (As Received Basis) of 5900 kCal/kg or higher, cover 206,407 MT of coal, according to the conditions of the eligibility criteria for registration
- The Applicant has also submitted BLs for 506,610 MT of Gross Calorific Value (As Received Basis) that is less than 5900 kcal/kg. Accordingly, the eligibility criteria for registration are met in accordance with the condition.
- The company has submitted audited financial statements for three years. The total turnover over the last 03 years was USD 282 million and meets the eligibility requirement of minimum of USD 150 million

  **Turnover Details:**
  **2022:** USD 275, 000
  **2023:** USD 103Mn
  **2024:** USD 177 Mn

- A confirmation letter has been submitted by the Bank of Emirates NBD, UAE, verifying that the company account had an average balance of USD 29Mn for the year 2024.
- The company has submitted the Power of Attorney along with the Board Resolution, both of which have been duly authenticated by the Sri Lankan foreign mission in the country where the company is incorporated.

4.3 **POTENCIA LLC-FZ**

It is noted that **Potencia FZ-LLC** is the current coal supplier to Lanka Coal Company (LCC) and has already completed the delivery of 775,000MT for the season 2023/2024 and 2.15Mn MT for the 2024/2025 season. The remaining 840,000MT are scheduled to be delivered within the upcoming coal season.

The company has submitted the relevant documents with the balance document to meet the eligibility criteria as specified to register as a coal supplier, along with the "Application Form for Registration of Coal Supplier," including the following documents.

- The BLs and Test Certificates that they have submitted to prove having Gross Calorific Value (As Received Basis) of 5900 kCal/kg or higher, cover 537,515 MT of coal. Accordingly, the required criteria have been complied.
- It is noted that during the 2024–2025 season, Potencia has supplied approximately 2 million metric tons of coal with a Gross Calorific Value (GCV) exceeding 5900 kcal/kg to Lanka Coal Company (Pvt) Ltd.
- The Company has submitted audited financial statements for two years (2023 & 2024), along with the draft management accounts for the most recent year (2025). Anyhow, the financial records show that the company has achieved a turnover exceeding USD 150 million over the past three (03) years.

**Turnover Details:**
**2023:** USD 1,950 million
**2024:** USD 37,778 million
**2025:** USD 307,791 million

- The bank balance confirmation letter has been submitted for CNY (Chinese Yuvan) 96,414,908.36 as at 01st October 2024 from Bank of Ceylon. Which is equal to approximately USD 13 Mn. (1 CNY= USD 0.14 / *Rate has been calculated as at 31.07.2025*)
- Potentia LLC FZ has submitted a formal letter detailing the current status of its fund availability with the Bank of Ceylon (BOC) Offshore Banking Division. As per the submission, the company has confirmed the following:
  - Performance Security Retained at Lanka Coal Company (LCC): USD 27 million
  - Fixed Deposit Balance as at 31.03.2025 –USD 2Mn
- The company has submitted its Articles of Association to confirm that the appointed shareholders and directors are authorized to designate managers. As stipulated in the Articles, any appointed manager is deemed to possess full authority to manage the day-to-day operations of the business. Accordingly, it is noted that only one manager has been appointed, and the necessary managerial powers have been duly vested in him in accordance with the provisions of the Company's Articles of Association.
- The company has submitted letters stating that there have been no litigation, arbitration, Criminal, or Civil cases in the last three years.

4.4 **PANACAPE TRADING DMCC.**

The company has submitted the required documentation, including the Application Form for Registration of Coal Supplier, along with the remaining documents necessary to meet the eligibility criteria specified for coal supplier registration.

The following prerequisites for qualification have been fulfilled by the Applicant to be qualified

- The BLs and Test Certificates that they have submitted to prove having Gross Calorific Value (As Received Basis) of 5900 kCal/kg or higher, cover 531,284 MT of coal. Accordingly, the required criteria have been complied.
- The company has submitted audited financial statements for two years (2022,2023), along with the Management Accounts statements for the year 2024. The total turnover over the last 03 years was USD 788 million and meets the eligibility requirement of minimum of USD 150 million.

  **Turnover Details:**
  **2022:** USD 79 million
  **2023:** USD 379 million
  **2024:** USD 330 million

- A confirmation letter has been submitted by the ADCB bank, verifying that the company has working capital of over USD 15 million.
- A Board Resolution has been submitted and duly authenticated by the relevant Embassy

4.5 **PERSEVERANCE DMCC**

The company has submitted the required documentation, including the Application Form for Registration of Coal Supplier, along with the remaining documents necessary to meet the eligibility criteria specified for coal supplier registration.

The following prerequisites for qualification have been fulfilled by the Applicant to be qualified

- The BLs and Test Certificates that they have submitted to prove having Gross Calorific Value (As Received Basis) of 5900 kCal/kg or higher, cover 723,604 MT of coal. Accordingly, the required criteria have been complied.
- The company has submitted audited financial Accounts for two years, along with management accounts for the most recent year (2025). The total turnover over the last 03 years was USD 08 billion and meets the eligibility requirement of minimum of USD 150 million

  **Turnover Details:**
  **2023:** USD 2 Billion
  **2024:** USD 4 Billion
  **2025:** USD 2 Billion

- A confirmation letter has been submitted by the bank, verifying that the company benefits from a substantial Uncommitted USD 15 Mn transactional credit line with Mashreq Bank PSC.
- The company has submitted its Articles of Association along with a Board resolution confirming the internal structure and appointments. Further, authentication documents have been provided to verify that the company has only **one shareholder**, who also serves as the **Director, Manager**, and **Company Secretary**. This structure and the associated appointments have been duly authenticated by the relevant Embassy, affirming the legitimacy of the documentation submitted.

4.6 **TRIDENT CHEMPHAR LIMITED**

The company has submitted the required documentation, including the Application Form for Registration of Coal Supplier, along with the remaining documents necessary to meet the eligibility criteria specified for coal supplier registration.

The following prerequisites for qualification have been fulfilled by the Applicant in order to be qualified

- All the BLs and Test Certificates that they have submitted to prove having Gross Calorific Value (As Received Basis) of 5900 kCal/kg or higher, covers 215,590 MT of coal, according to the conditions of the eligibility criteria for registration.
- The Applicant has also submitted BLs for 504,997 MT of Gross Calorific Value (As Received Basis) that is less than 5900 kcal/kg. Accordingly, eligibility criteria for registration are met in accordance with the condition.
- The company has submitted audited financial Accounts for three years. The total turnover meets the eligibility requirement of USD 468 million

**Turnover Details:**
**2024:** USD 68 Million
**2023:** USD 242 Million
**2022:** USD 157 Million

- A confirmation letter has been submitted by the HDFC Bank-Mumbai, certified that the company has Rs.195 Crores (approx. USD 22.2 Mn) of Nun Fund based and Rs 35 Crores (approx. USD 3.99 Mn) Fund based limited with the Bank. (based on 1 INR = 0.01139 USD)
- The company has submitted the Power of Attorney along with the Board Resolution, both of which have been duly authenticated by the Sri Lankan foreign mission in the country where the company is incorporated.

4.7 Since the basic requirement criteria have been complied by the **above six (6) companies** shall be considered as responsive coal suppliers to be registered under Lanka Coal Company (Pvt) Ltd.

**5. BEC Recommendations**

By considering all the above, the BEC forwarded their recommendations as follows:

5.1 To register the following companies as LCC's registered coal suppliers.

(i) SPIRIKO LIMITED -Registered Office at 7/F, MW Tower, 111 Bonham Strand, Sheung Wan, Hong Kong

(ii) A2A TRADING FZE- Registered Office at 427-2 BEC, 03, 3-One Central Dubai World Trade, Dubai

(iii) POTENCIA LLC-FZ - Registered office at Business Center 1, M Floor, The Meydan Hotel, Nad al Sheba, Dubai, UAE.

(iv) PANACAPE TRADING DMCC - Registered Office at Unit No.2701, JBC2, Plot No.JLT-PH2-V1A, Jumeirah Lakes Towers, Dubai, UAE, P.O 566705.

(v) PERSEVERANCE DMCC - Registered office at Unit No. R101-03-03, Reef Tower, Plot No. JLT-PH2--01A, Jumeirah Lakes Towers, Dubai, UAE.

(vi) TRIDENT CHEMPHAR LIMITED - Registered office at Sy.No.66 and 67, Miyapur, Serilingampally Mandal, Hyderabad, Telangana – 500050

5.2 To withdraw the following Companies from the Registration at this stage due to non- submission of required documents (Non-Qualified Companies).

(i) PT. RAJAWALI MULTI ARTHA - Registered office at Simpang Cemara II. No.31, Rt.40, Sungai Miai Village, North Banjarmasin sub – district, Banjarmasin City, South Kalimantan, Indonesia

(ii) EQUENTIA NATURAL RESOURCES DMCC - Registered office at Unit No. AG-010D, AG Tower, Plot No,JLT-PH1 A, PO BOX 413684, Jumeirah Lakes Tower, Dubai, UAE

(iii) LX INTERNATIONAL CORP - Registered office at 58 Saemunan- ro jongno –gu seoul, 03184, Korea

It is further recommended that the above listed companies be permitted to submit the remaining required documents. Upon verification of the sufficiency of such documents, they may be reconsidered for the future registration process accordingly.

**6. Matters discussed**

6.1 It has been queried how the current SHLPC and BEC gained the authority to evaluate and give the recommendations for the coal supply registration and noted the following;

A Special Standing Cabinet Appointed Procurement Committee (SSCAPC) has been appointed for the Short term procurement process of Coal including the coal supplier registration process since 2015. Long term tender process has been processed via the Standing Cabinet Appointed Procurement Committee (SCAPC). Then, by the decision of Cabinet of Ministers no. 25/0459/825/027 dated 24.03.2025 , approval has been granted for the appointment of Standing High Level Procurement Committees (SHLPC) and Bid Evaluation Committees (BEC) as per the clause 2.7.2.(a) and 2.7.2. (b) of the Procurement Guidelines – 2024 in place of SSCAPC and TEC appointed by previously existed Cabinet of Ministers for the procurement of Petroleum and Petroleum related Products and Coal and the powers can be delegated to those committees, subject to obtain the concurrence/advice of the NPC.

Then, the concurrence of the NPC is sought to appoint single SHLPC and a BEC for both Long term and Spot (Short term) procurement processes of the Coal including the Coal Suppler registration process.

In reply by the letter no. NPC/PP/01/CL-154/2025, NPC has decided to grant concurrence for the appointment of a single SHLPC and BEC for the purpose requested by the Ministry.

Accordingly, Department of Public Enterprises appointed the SHLPC and a BEC for the coal procurement.

6.2 BEC mentioned altogether, 09 suppliers have submitted the documents and only 06 suppliers were considers for the evaluation at this instance and other 03 suppliers were with insufficient documents.

6.3 Referring the Cabinet Decision No. 25/1188/825/066 dated 21.07.2025 to reduce the required experience of the suppliers from 03 years to 02 years, SHLPC queried whether it consider for this evaluation and is there any supplier with 02 years of experience among the 03 supplier with insufficient documents. BEC mentioned that 03 years of experience is considered at this instance and no one is there among total 09 suppliers, with 02 years of experience.

6.4 Then, SHLPC noted the evaluation done by the BEC with the summary of the evaluation attached as Annexure 1 of this minute and agreed with the recommendations of the BEC report dated 05.08.2025.

6.5 SHLPC queried whether there is any deadline for the supplier registration for the upcoming coal procurement and it is noted that it is required to fix a deadline. Accordingly, SHLPC informed LCC to publish the deadline for coal supplier registration for upcoming coal procurement as 13.08.2025, in their official web site. In future, it can be declared that the suppliers registered one week before the date of bid calling will be considered for the respective tender.

7. SHLPC Decision

Perusing the above, SHLPC decided;

(i) To register below mentioned 06 suppliers,

1. SPIRIKO LIMITED -Registered Office at 7/F, MW Tower, 111 Bonham Strand, Sheung Wan, Hong Kong
2. A2A TRADING FZE- Registered Office at 427-2 BEC, 03, 3-One Central Dubai World Trade, Dubai
3. POTENCIA LLC-FZ - Registered office at Business Center 1, M Floor, The Meydan Hotel, Nad al Sheba, Dubai, UAE.
4. PANACAPE TRADING DMCC - Registered Office at Unit No.2701, JBC2, Plot No.JLT-PH2-V1A, Jumeirah Lakes Towers, Dubai, UAE, P.O 566705.
5. PERSEVERANCE DMCC - Registered office at Unit No. R101-03-D3, Reef Tower, Plot No. JLT-PH2-01A, Jumeirah Lakes Towers, Dubai, UAE.
6. TRIDENT CHEMPHAR LIMITED - Registered office at Sy.No.66 and 67, Miyapur, Serilingampally Mandal, Hyderabad, Telangana – 500050

(ii) To inform LCC to publish the deadline for coal supplier registration for upcoming coal procurement as 13.08.2025, in their official web site.

| Name | Capacity | Agree with the Above Decjsions (Yes/No) | Signature |
|---|---|---|---|
| Mr. K R Uduwawala | Chairman | yes | |
| Prof. K T M Udayanga Hemapala | Member | yes | |
| Mrs. W A Dilrukshini | Member | yes | |
| Mr. M K Pradeep Kumara | Member | | - absent - |
| Eng. (Mr.) W Edussuriya | Member | Yes | |

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LANKA COAL
COMPANY (PVT) LTD
(Fully Government Owned Business Undertaking)

My No: LCC/OP/REG/25/TEC/46

August 14, 2025

Tilcon Chemphar Limited
Sy.No. 66 & 67, Miyapur, Hyderabad
Telangana 500 050

Dear Chairman/Managing Director,

Sub: Registration of Coal Suppliers for Lakvijaya Power Plant - Puttalam, Sri Lanka

We refer to your application submitted to register as a coal supplier with Lanka Coal Company and are pleased to inform you that the Standing High Level Procurement Committee (SHLPC) has approved your Company as an eligible supplier to be registered at LCC.

Accordingly, in terms of clause 2 (two) of Instructions to Applicants, you are kindly requested to pay a sum of **USD 5,000.00 (United States Dollar Five Thousand only)** as a non-refundable registration fee for 03 years immediately.

Registration fee can be remitted through a Telegraphic Transfer to the credit of the following Bank Account with advice to LCC.

**Special Note:** Due to the limited time available for calling tenders to supply 1.5 million MT of coal, your prompt deposit of the registration fee is essential to secure participation in the said tender.

**Bank** Account Particulars

| | |
|---|---|
| **Name** of the Company | : Lanka Coal Company (Private) Limited |
| **Account** Number | : 004 1001 30030745 |
| **Bank** | : People's Bank Corporate Banking Division<br>No.35, D.R. Wijewardena Mawatha,<br>Colombo - 10, Sri Lanka. |
| SWIFT Code | : PSBKLKLX |

Thanking You.

Yours faithfully,

Sithralal Dias Perera
**Chairman**
Lanka Coal Company (Pvt) Ltd

No.51/3, Sunanimala Place, Off Outgrant Lane, Kohuwala/Dehiwala, Sri Lanka. | Tel: +94 11 2 824 681/2 Fax: +94 11 2 824 683 | www.lankacoal.com
A Subsidiary of Ceylon Electricity Board, Registration Number: PV 32634

LANKACOA
COMPANY(PVT)LTD
(Fully Government Owned Business Underta

Our Ref: LCC/OP/MPP&AP/25

5th February 2025

Prof. K. T. M. Udayanga Hemapala
Secretary
Ministry of Energy
No 437, Galle Road
Colombo 03.

Dear Secretary,

**Master Procurement Plan and Action Plan for the year 2025**

I am writing to formally submit the Master Procurement Plan and the Action Plan for the year 2025, both of which have received approval from the LCC Board of Directors.

Please note that the delay in sending you the Master Procurement Plan and Action Plan for the year 2025 which has been approved by the Board of Directors is due to the delay in holding the Board of Directors meeting due to unavoidable circumstances.

These plans are now being forwarded to the Ministry for your esteemed approval.

Your attention to this matter is greatly appreciated.

Thanking you.

Yours faithfully

Srimath Dias Perera
Chairman
LANKA COAL COMPANY (PVT) LTD

Cc: Auditor General; *fyi*
Director General (Planning) – MOE; *fyi*
Internal Auditor – CEB; *fyi*
General Manager - LCC; *fyi*
Finance Manager - LCC; *fyi*
Procurement Manager - LCC; *fyi*

RECEIVED ON
08 APR 2025
GM DIVISION
Lanka Coal Company (Pvt) Ltd

අමුණුම 27

03 APR 2024

Lanka Coal Company (P

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வலுசக்தி அமைச்சு
MINISTRY OF ENERGY

437, ගාල්ල පාර, කොළඹ 03 | 437, காலி வீதி, கொழும்பு 03 | 437, Galle Road, C

My No. PE/TEN/Proc. Gen./CC/2025/01 | Your No. | Date 19

**Chairman**
Lanka Coal Company (Pvt) Ltd

**Master Procurement Plan and Action Plan for the Year 2025**

This refers to your letter No. LCC/OP/MPP&AP/25 dated 05.02.2025 on the above matter.

I wish to inform you that the Master Procurement Plan and Action Plan for the Year 2025 is approved by Secretary of Ministry of Energy.

Further kindly informed you to submit the Master procurement Plan for the Year 2025 according to the format attached my letter even No. dated 13.02.2025, enabling Ministry to forward it to National Procurement Commission (Copy attached)

**T Prassanth**
Additional Secretary (Development & Procurement)
For Secretary
Ministry of Energy

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coins the
managem

செயலாளர் Secretary | Tel: (+94)-11-2370115 Fax: (+94)-11-2372115
அமைச்சு Ministry | Tel: (+94)-11-2574922 Fax: (+94)-11-2574810 (+94)-11-2574743
இணையத்தளம் Website | www.powermin

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DPI approval for the spot tenders


2333730
2389151

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அமைச்சரவை அலுவலகம்
OFFICE OF THE CABINET OF MINISTERS

www.cabinetoffice.gov
info@cabinetoffice.gov

Republic Building, Sir Baron Jayathilaka Mawatha
Colombo 01, Sri Lanka.



MINISTRY OF POWER & ENERGY
Secretariat Unit
23 JUL 2015


අපේ අංකය / எமது இல. / Our No. 15/1082/615/042

ඔබේ අංකය / உமது இல. / Your No.

දිනය / திகதி / Date 2015-07-23

Dr. B.M.S. Batagoda
Secretary
Ministry of Power and Energy
Fax: 2372115

## CABINET DECISION

Given below is an extract of Item (37) of the Minutes of the Cabinet Meeting held on 2015-07-22.

Item (37)

Cabinet Paper No.15/1082/615/042, a Memorandum dated 2015-07-13 by the Minister of Power and Energy on **"Purchasing of Coal for Puttalam Coal Power Plant for the Emergency Requirements under the Spot Market"** – the above Memorandum was considered along with the observations of the Minister of Finance. After discussion, it was decided -

(i) to grant approval to purchase coal in any emergency situation of the Puttalam Coal Power Plant, based on day to day market prices (spot market) on the basis of New Castle Index, to ensure the continuous operation of the power plants, considering its national importance;

(ii) to authorize the Secretary to the Treasury to appoint an appropriate Special Standing Cabinet Appointed Procurement Committee (SSCAPC) and a Standing Technical Evaluation Committee for the purpose referred to at (i) above;

Contd..02/-


Secretary 2329620
Additional Secretary 2325279 2329621
Senior Assistant Secretary 2431004

(iii) to direct the Secretary, Ministry of Power and Energy -

(a) to call price bids for the initial immediate requirement for this occasion only, from the parties who were technically qualified for supplying coal by participating in the tenders invited in the years 2009, 2011, 2013 and 2014, other than from those who have initiated any legal action or arbitrary proceedings against the Lanka Coal Company, which have not yet been settled;

(b) to take expeditious action to commence the process of registration of suppliers in a more transparent manner, providing an opportunity to those at (a) above as well, enabling greater participation in the future spot tenders to facilitate competitiveness; and

(c) to take immediate action to award the tenders referred to at (i) above, based on the recommendations of the SSCAPC, subject to obtaining covering approval of the Cabinet of Ministers for same at the earliest Meeting of the Cabinet.

It was also decided to treat this decision as confirmed and to authorize the Secretary to the Cabinet of Ministers to convey same to the relevant authorities for necessary action accordingly.

Action by: **My/Power and Energy** - above observations annexed.

Copied to: **Secretary to the President** - copy of Memorandum and above observations annexed.
**Secretary to the Prime Minister** - copy of Memorandum and above observations annexed.
**My/Policy Planning, Economic Affairs, Child, Youth and Cultural Affairs** - copy of Memorandum and above observations annexed.
**My/Finance**

**S. Abeysinghe**
Secretary to the Cabinet of Ministers

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LANKA COAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

My Ref: LCC/SEC/CH/25/2

08th April 2025

Prof. K.T.M. Udayanga Hemapala
The Secretary - Ministry of Energy
No. 437, Galle Road, Colombo 03.

Dear Sir,

**Subject: Appointing The Technical Evaluation Committee (TEC) and the Procurement Committee (PC) for the upcoming coal Long Term Tender (2025-2026)**

We wish to inform you that the coal supply of the season 2024-25 is almost getting successfully completing. As perf the Master Procurement Plan for the next season supply need to be scheduled in accordance with the relevant procurement time schedule. Accordingly, to meet the CEB coal requirement, LCC has basically schedule to supply 2.25 million MT +/- 10 for season 2025/26 until we receive the upcoming season LVPP's estimated coal requirement during month of June 2025. Which has been scheduled to supply as follows.

| Tender | Number of shipments | Quantity (MT +/- 10%) |
|---|---|---|
| LCC/23/PROP/1 | 9 | 540,000 |
| Spot (Short) Tender -1 | 5 | 300,000 |
| Spot (Short) Tender -2 | 5 | 300,000 |
| Long Term Tender | 19 | 1,140,000 |
| **Total** | **38** | **2,280,000** |

***Note: The balance 9 shipment will supply from mid- September to end October and the new supply will start after 9 shipments supplied at the end of October 2025.***

Therefore, need to appoint a **Standing Cabinet Appointed Procurement Committee (SCAPC)** and the relevant TEC for the Long-Term Tender. There were many instances, it was discussed to have one Procurement Committee instead of having two separate procurements and TECs for Term Tender and Spot Tenders.

Therefore, the LCC is also of the view that utilizing a single procurement committee for both procurement processes would be more advantageous. Accordingly, the LCC proposes assigning the Special Standing Cabinet Appointed Procurement Committee (SSCAPC), currently handling the Spot (Short-Term) Tender, to manage both the Spot (Short-Term) and Long-Term Tender procurement processes.

Further, we have attached the Tentative Procurement Time Schedule (PTS) prepared for the upcoming coal term tenders.

Thanking You,
Yours Faithfully,

Namal Hewage
**General Manager**
**LANKA COAL COMPANY (PVT) LTD**

*Copy: SAS Tenders – Ministry of Energy*

## Tentative Term Tender Procurement Time Schedule (PTS)
## Term Tender - LCC/25/TT/1

| Description | Days allowed | Scheduled Date |
|---|---|---|
| TEC recommendation and SCAPC Approval for the bidding document | 21 | 3-Jul-25 |
| SCAPC Approval for Bidding Document | 7 | 10-Jul-25 |
| Invitation of Bids ( Bidding Period 42 Days ) | 7 | 17-Jul-25 |
| Pre Bid meeting ( if necessary) 3 weeks before closing | | 7-Aug-25 |
| Pre Bid meeting to Bid closing | 21 | 28-Aug-25 |
| Bid evaluation & Recommendation by TEC and SCAPC approvals | 7 | 4-Sep-25 |
| Communication to all bidders on the intention of awarding of contract | 7 | 11-Sep-25 |
| Appeal Board | 14 | 25-Sep-25 |
| Freight to be Matched by CSC | 5 | 30-Sep-25 |
| Submission of memorandum to cabinet and to get Cabinet approval for the same | 5 | 5-Oct-25 |
| Approval of Cabinet | 21 | 26-Oct-25 |
| Awarding of Contract | 4 | 30-Oct-25 |
| Performance Security | 14 | 13-Nov-25 |
| Discharge Port ETA | 36 | 19-Dec-25 |

LANKA COAL COMPANY(PVT) LTD

Sujantha Ratnayake <sujantha.pm@lankacoal.lk>

# Procurement of coal for the Lakvijaya Coal Power Plant for the season 2025-26

**Sujantha Ratnayake** <sujantha.pm@lankacoal.lk> Tue, Jul 29, 2025 at 6:13 PM
To: ramya.gunaratne@ceb.lk, PW Bamunusinghe <PW.Bamunusinghe@ceb.lk>, dammika.premathilake@ceb.lk, thushantha.abeykoon@ceb.lk, Ajith Arachchige <ajith.fm@lankacoal.lk>, Saman Herath <saman.fin@lankacoal.lk>, " Saman De Silva <saman@csd.lk>, kodithuwakku@powermin.gov.lk
Cc: Srimath Dias Perera <chairman@lankacoal.lk>, Namal Hewage <namal.gm@lankacoal.lk>, Supuni Bandara <supuni.op@lankacoal.lk>, Nadeesha Fernando <hr@lankacoal.lk>

Dear Sirs, Madam

Kindly find the attached letter and the documents. Which are sending under the instruction of the Chairman and General Manager on the subject matter.

Thank you

**Sujantha Ratnayake** | Procurement Manager

No.51/3, Suranimala Place, Off Dutugemunu Street, Dehiwala, Sri Lanka
+94 11 2 824 681 | +94 11 2 824 682
+94 11 2 824 689 +94 777875219
sujantha.pm@lankacoal.lk Lanka Coal

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If this message reaches any person other than the intended recipient, we request such person to preserve its confidentiality, not read, reproduce, copy, disseminate or in any manner distribute it. We further request such recipient to notify us immediately by e-mail that such message has been received and delete the original message.

**3 attachments**

**LCC CH - TEC CH Coal Pro.jpg**
158K

**29-7-2025 - PTS - LCC-25-TT-1.pdf**
459K

**Draft PDF- Term Tender Bidding Document for LCC-25-TT-1 - NH.pdf**
3029K

Annexure - 07

## Time Schedule (PTS)
## Term Tender - LCC/25/TT/1

| | present | |
|---|---|---|
| Description | Days allowed | Scheduled to PTS |
| TEC recommendation for the bidding document | 7 | Tuesday, August 5, 2025 |
| SHLPC Approval for Bidding Document | 9 | Thursday, August 14, 2025 |
| Invitation of Bids ( Bidding Period 42 days ) | 1 | **Friday, August 15, 2025** |
| Pre Bid meeting ( if necessary) 6 weeks before closing | 20 | Thursday, September 4, 2025 |
| **Pre Bid meeting to Bid closing** | **22** | **Friday, September 26, 2025** |
| Bid evaluation & Recommendation by TEC and SHLPC approvals | 7 | Friday, October 3, 2025 |
| Communication to all bidders on the intention of awarding of contract | 7 | Friday, October 10, 2025 |
| Debrefing and Appeal Board | 17 | Monday, October 27, 2025 |
| Freight to be Matched by CSC | 4 | Friday, October 31, 2025 |
| Submission of memorandum to cabinet and to get Cabinet approval for the same | 3 | Monday, November 3, 2025 |
| Approval of Cabinet | 17 | Thursday, November 20, 2025 |
| **Awarding of Contract** | 1 | Friday, November 21, 2025 |
| Performance Security | 14 | Friday, December 5, 2025 |
| **Discharge Port ETA** | **40** | **Wednesday, January 14, 2026** |
| | **169** | |

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வலுசக்தி அமைச்சு
MINISTRY OF ENERGY

437, ගාල්ල පාර, කොළඹ 03 | 437, காலி வீதி, கொழும்பு 03 | 437, Galle Road, Colombo 03

මගේ අංකය / எனது இல / My No. PE/TEN/SSCAPC/SS/2015/43

ඔබේ අංකය / உமது இல / Your No.

දිනය / திகதி / Date 04.2025

**Secretary General**
National Procurement Commission

**Request for the Concurrence of the National Procurement Commission for the Appointment of a Standing High Level Procurement Committee (SHLPC) and a Bid Evaluation Committee (BEC) for the Procurement of Coal**

Your kind attention is drawn to the decision of Cabinet of Ministers no. 25/0459/825/027 dated 24.03.2025 **(Annexure 1)** in respect of the Cabinet Memorandum dated 12.03.2025 on "Empowering the Standing High Level Procurement Committees (SHLPCs) to be appointed for the Procurement of Petroleum and Petroleum related Products and Coal" **(Annexure 2)**. Cabinet of Ministers has granted approval for the recommendations made by the aforementioned Cabinet Memorandum subject to obtain the concurrence/advice of the National Procurement Commission on the following;

(i) Delegation of Authority to the relevant procurement Committees, Technical Evaluation Committees and Bid Evaluation Committees as per the sub paragraphs (a) to (d) of paragraph 3.0 of the Cabinet Memorandum dated 12.03.2025.

(ii) Appointment of Standing High Level Procurement Committees and Bid Evaluation Committees as per the clause 2.7.2.(a) and 2.7.2. (b) of the Procurement Guidelines – 2024 in place of Special Standing Cabinet Appointed Procurement Committees/ Standing Technical Evaluation Committees appointed by previously existed Cabinet of Ministers for the procurement of Petroleum and Petroleum related Products and Coal and the powers can be delegated to those committees.

Earlier a Special Standing Cabinet Appointed Procurement Committee (SSCAPC) has been appointed for the Short term procurement process of Coal including the coal supplier registration process. Since the Coal supplier registration process occurs throughout the year, from 01.01.2025 onwards this Ministry and Lanka Coal Company (Pvt.) Limited (LCC) which is the relevant procurement entity continued the activities related to the Coal supplier registration process through the recommendation of existing SSCAPC until the appointment of a new SHLPC and BEC under New procurement Guideline -2024.

Further, your attention is drawn for the letter of LCC dated 08.04.2025 **(Annexure 3)**. Therein, LCC has requested to have a single Procurement Committee for both Spot (Short term) and Long term procurement process of Coal. Earlier, Long term tender process has been done through the Standing Cabinet Appointed Procurement Committee (SCAPC) and Spot (Short term) procurement process along with the process of Coal supplier registration has been done through SSCAPC. It is observed



Tel: (+94)-11-2370115
Fax: (+94)-11-2372115
Tel: (+94)-11-2574922
Fax: (+94)-11-2574880
www.powermin.gov.lk

that having a single Procurement Committee for both Long and Short term procurement processes is more advantageous as mentioned by the LCC rather than having separate Procurement Committees.

Hence, the concurrence of the NPC is sought to appoint single SHLPC and a BEC for both Long term and Spot (Short term) procurement processes of the Coal including the Coal Suppler registration process as the procurement activities (Long term and Spot ) for the 2025-2026 coal season is to be commenced in May 2025.

Your early attention and kind cooperation in this regard is highly appreciated.

**Prof. Udayanga Hemapala**
Secretary
Ministry of Energy

Cc. Director General, Department of Public Finance

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தேசிய பெறுகை ஆணைக்குழு
National Procurement Commission

| | | | | | |
|---|---|---|---|---|---|
| මගේ අංකය<br>எனது இலக்கம்<br>My Number | NPC/PP/01/CL-154/2025 | ඔබේ අංකය<br>உமது இலக்கம்<br>Your Number | PE/TEN/SSCAPC/SS/2015/43 | දිනය<br>திகதி<br>Date | 05 .06.2025 |

**Secretary**
**Ministry of Energy**

**Request for the Concurrence of the National Procurement Commission for the Appointment of a Standing High Level Procurement Committee (SHLPC) and a Bid Evaluation Committee (BEC) for the Procurement of Coal**

This has reference to your letter dated 25th April 2025 regarding the above subject matter.

2. We hereby inform you that the National Procurement Commission ("NPC") has discussed the contents of the aforementioned letter at the Commission Meeting held on the 29th of May 2025 wherein it was decided to inform you that;

> *"The Commission decided to grant concurrence for the appointment of a single Standing High Level Procurement Committee (SHLPC) and Bid Evaluation Committee (BEC) for this purpose."*

Please act accordingly.

**D.C. Siribaddana**
**Secretary General**
**National Procurement Commission**

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இலங்கை மின்சார சபை
CEYLON ELECTRICITY BOARD

Your Ref: My Ref.: LVPP/PPM/TEC-3/25-5 Date: June 09, 2025

Chairman
Lanka Coal Company (Pvt) Ltd.
No. 51/3, Suranimala Place
Off-Dutugemunu Street
Dehiwala.

RECEIVED ON
17 JUN 2025
GM DIVISION
Lanka Coal Company (Pvt) Ltd

Dear Sir,

**Coal Requirement of the Season 2025/2026 for Lakvijaya Power Plant.**

With reference to the CEB and LCC Coal Supply Agreement, I would like to inform you that the annual coal requirement of the season 2025/2026 (15th September 2025 to 15th September 2026) for Lakvijaya Power Plant is 2.320 MMT±10% (39 Shipments). Please plan and make the appropriate arrangements for the first vessel to arrive at Puttalam anchorage on or before 15th September, 2025.

Furthermore, to ensure that the operations run smoothly, please give the following information.

1. LCC's shipments arrangement plan from Term Tender (LCC/23/PROP/1).
2. Coal Procurement Plan & Laycan Schedule as per the clause 3.1 & 3.2 of the CEB and LCC coal supply agreement.

Thanking you.

Yours faithfully,
**CEYLON ELECTTRICITY BOARD.**

Eng. W. Edussuriya
Actg. General Manager

Copy to: AGM (Gen.) - f.i.pl.

## Tentative Procurement Time Schedule for SPOT Tenders (PTS)

Spot Tender 01 & 02 for the Season 2025-26

| Description | Days allowed | SPOT - 01<br>LCC/25-26/ST/32/1<br>Scheduled Date | SPOT - 02<br>LCC/25-26/ST/33/2<br>Scheduled Date |
|---|---|---|---|
| TEC meeting for approve bidding document | 21 | 8-Jul-25 | 24-Aug-25 |
| Submission of TEC Recommended Draft Bidding document to SSCAPC | | | |
| SSCAPC approval for Bid Document | | | |
| **Invitation of Bids** | 28 | **29-Jul-25** | 24-Aug-25 |
| **Bid Closing & Openning Date (1 weeks bidding Period)** | | **26-Aug-25** | 21-Sep-25 |
| Bid evaluation & Recommendation by TEC | 1 | 26-Aug-25 | 21-Sep-25 |
| SSCAPC approval of TEC recommendation by SSCAPC | | 26-Aug-25 | 21-Sep-25 |
| Awarding of contract | | 27-Aug-25 | 21-Sep-25 |
| Performance Security | 10 | 6-Sep-25 | 1-Oct-25 |
| Vessel nomination | 14 | 16-Sep-25 | 11-Oct-25 |
| Laod port laycans | 10 | 30-Sep-25 | 25-Oct-25 |
| Sailing (Russia) | 15 | 10-Oct-25 | 4-Nov-25 |
| Discharge Port ETA | | **25-Oct-25** | 19-Nov-25 |

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

Our Ref: LCC/CH/01/25/13

26th June 2025

The Commissioner
National Procurement Commission
Colombo 07

Dear Commissioner,

**Subj: Standard Procurement Documents for LCC's Long-Term and Short-Term Coal Supply Tenders**

Lanka Coal Company (Private) Limited (LCC), a fully government-owned entity, is responsible for procuring the total coal requirement of the Lakvijaya Coal Power Plant, operated by the Ceylon Electricity Board (CEB) in Norochcholai. This procurement is carried out through Limited International Competitive Bidding (LICB) among pre-qualified, registered suppliers.

LCC invites bids through the following two methods:

- **Long-Term Tenders**
- **Short-Term Tenders** (formerly known as Spot Tenders)

The bidding documents for both tender types are standardized and are prepared by the Procurement Entity (PE), recommended by the Technical Evaluation Committee (TEC), approved by the Procurement Committee (PC), and reviewed by the Attorney General's Department.

Following the issuance of the **New National Procurement Guidelines (2024)** by the National Procurement Commission, LCC is in the process of amending its standard bidding documents to ensure full compliance with the updated framework.

These revised documents will be used for the upcoming coal supply season, with tenders expected to be published by the end of July 2025. The proposed bidding periods are as follows:

- **Long-Term Tender**: 42 days
- **Short-Term Tender**: 14 to 28 days

While Short-Term Tenders were originally introduced for emergency procurement, historical trends from 2015 to 2024 have shown that they have also enabled price advantages, particularly during periods of upward market fluctuations. In light of this, the PE has proposed to the Ministry of Energy to rename these as **Short-Term Tenders** rather than emergency "Spot Tenders."

The level of competitiveness in Short-Term Tenders is generally higher than in Term Tenders, primarily due to the smaller quantities involved. This allows a wider range of suppliers, including those with limited capacity, to participate more actively in the bidding process. As a result, the increased competition often leads to more competitive pricing and favorable procurement outcomes for LCC.

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**Short-Term Tenders** are conducted under specific conditions:

- A shorter bidding period (approximately two weeks)
- Fixed pricing, capitalizing on market trends
- No appeal process for intention of awarding to the selected bidder
- A small quantity (300,000 MT ±10%) is to be supplied within approximately one month.
- Award decision made with Special Standing Cabinet Appointed Procurement Committee (SSCAPC) approval, followed by immediate Cabinet submission for cover approval

Accordingly, LCC will proceed with the updated standard bidding document, incorporating the necessary amendments for the immediate upcoming procurements. In addition, LCC is currently in the process of developing a Standard Procurement Document aligned with the World Bank bidding document format for use in future procurement activities.

We would appreciate receiving your observations and guidance on the revised draft documents at your earliest convenience. Your insights will be vital in ensuring compliance, transparency, and efficiency in the procurement process.

Thank you for your continued guidance and support.

Yours faithfully,

Srimath Dais Perera
**Chairman**
**Lanka Coal Company (Pvt.) Ltd**

**Cc:**

*Secretary – Ministry of Energy*
*SAS Tenders (Proc. & Dev.) - Ministry of Energy*
*GM - LCC*
*PM & FM - LCC*



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வலுசக்தி அமைச்சு
MINISTRY OF ENERGY

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My No. PE/TEN/SHLPC/SP/2025/27 | Year No. | Date 04.07.2025

Cabinet Memorandum No. 78/2025/P

## Cabinet Memorandum

## Procurement of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025 – 2026

1. **Background**

The 900 MW Lakvijaya Power Plant (LVPP) operates as a base load power Plant and generates 40% to 50% of the total electricity requirement of the country. Each unit of the power plant consumes approximately 2,500 metric tons (MT) of coal per day totalling and accordingly, the annual requirement of coal is 2.25 million MT (±10%) per season. As per the Cabinet decision dated 22.07.2015 and 16.05.2017, approval of the Cabinet of Ministers has been granted to commence the process of registration of suppliers in a more transparent manner and to select suppliers for spot tenders as well as long term tenders from the suppliers registered with Lanka Coal Company (Pvt) Ltd (LCC). Since then, Coal procurements are being floated following Limited Competitive method calling bids from prequalified coal suppliers. As per the coal supplier registration procedure which remains open year-round, all the coal suppliers who are willing to bids shall be registered under LCC.

2. **Present Situation and Justification**

**Long term procurement process**

2.1 Ceylon Electricity Board (CEB) has informed by their letter dated 09.06.2025 **(Annexure 1)** referring the CEB and LCC Coal Supply Agreement, that the annual coal requirement for the season of 2025 – 2026 (15th September 2025 to 15th September 2026) for Lakvijaya Power Plant is 2.320 million MT ±10% (39 shipments) and mentioned that 1st vessel has to be arrived at Puttalam anchorage on or before 15.09.2025.

2.2 Accordingly, it is essential to initiate the procurement process for the 2025-2026 season through long term procurement process by calling bids from registered coal suppliers.

2.3 Further, it is observed that if any emergency situation occurs interrupting the coal supply, then it is needed to procure coal through emergency procurement methods following the Sec. 3.1.8. Procurement Guidelines – 2024 to ensure uninterrupted supply of coal for LVPP. Hence, this emergency procurement could be done by calling bids from registered coal suppliers to procure 300,000 MT± 10% coal to be delivered within approximately one month within a shorter bidding time (maximum 02 weeks) subject to the covering approval of the Cabinet of Minister. This could



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be done with fix pricing aligned with prevailing market trend. Also, it is observed that it is needed to eliminate the appeal process for the intention of award under this emergency procurement.

**Payment terms and Tax exemptions**

2.4 Due to the annual Southwest Monsoon and the resulting rough sea conditions along Sri Lanka's west coast, coal importation is constrained to a seven-month window from September to April each year. This necessitates that Lanka Coal Company (LCC), on behalf of CEB, purchases and stores the required quantity of coal in the Lakvijaya Power Plant (LVPP) coal yard during this limited period. As a result, both coal and the associated VAT payments must be made well in advance before coal is used for power generation and prior to the collection of electricity tariffs from consumers.

2.5 At present, both LCC and CEB manage this cash flow mismatch through revolving term loan facilities from the Bank of Ceylon, currently extended at an interest rate of AWPLR + 2%. However, this arrangement results in a substantial interest burden, which could be alleviated through changes to procurement and VAT payment structures.

2.6 With the CEB restructuring process expected to conclude by the end of this year, leading to the unbundling of operations into multiple entities, the associated financial and operational processes are likely to become more complex. Notably, coal supply responsibilities will transition from LCC to a newly established entity. This shift will require the reassignment of existing loan arrangements, currently secured through CEB collateral, potentially introducing additional procedural complications with the Bank of Ceylon and other stakeholders.

2.7 Accordingly, it is proposed the following to address the above;

a) Coal Procurement on a Supplier Credit Basis
Introducing supplier credit terms for coal tenders would reduce the need for upfront payments. Aligning payment obligations with electricity revenue collection would ease cash flow pressure and reduce dependence on costly loan facilities.

b) Bonded Warehouse Facility for VAT Payments (Expected to ease cash flow management by reducing finance costs on VAT by approximately 15-20% from CIF value up to the jetty stage.)
Establishing a bonded warehouse facility through Sri Lanka Customs would defer VAT payments until the coal is utilized for power generation. This would reduce upfront financial commitments and lower interest costs.

**Appointing SHLPC and BEC**

2.8 Further, your kind attention is drawn to the Cabinet Memorandum no. 25/0459/825/027 dated 12.03.2025 and its decision dated 24.03.2025 **(Annexure 2)**. Accordingly, Cabinet of Minister has grant approval to empower the SHLPC relevant for the Coal procurement, to procure coal for Lakvijaya Power Plant for emergency requirements and award tenders immediately, subject to obtaining the covering approval of the Ministers at the earliest meeting of the Cabinet of Ministers.

2.9 By the letter of National Procurement Commission (NPC) dated 09.05.2025, concurrence of the NPC has been given for the said Cabinet decision **(Annexure 3)**. Further, NPC has given the concurrence for the appointment of a single SHLPC and Bid Evaluation Committee (BEC) for

both procurement process of Long term and emergency situations by the letter dated 02.06.2025 **(Annexure 4)** considering the request of the Ministry.

2.10 Hence, it is appropriate to appoint a SHLPC and BEC for term procurement process of coal supply including the emergency procurements.

**3. Recommendations**

Considering the existing requirement, it is recommended;

3.1 To call bids from registered coal suppliers under Lanka Coal Company (Pvt) Ltd., under Long term procurement process for the procurement of 2.320 million MT ±10% (39 shipments) of coal for the forthcoming season of 2025-2026 for the Lakvijaya Coal Power plant, Norochcholai.

3.2 In any emergency situation occurs interrupting the coal supply, then to procure coal through emergency procurement methods following the sec. 3.1.8. Procurement Guidelines – 2024 to ensure uninterrupted supply of coal for LVPP, by calling bids from registered coal suppliers to procure 300,000 MT± 10% coal to be delivered within approximately one month within a shorter bidding time subject to the covering approval of the Cabinet of Ministers.

3.3 To obtain the Government intervention and support for the proposed payment terms and tax exemptions mentioned under 2.7 above.

3.4 To authorize the Secretary to the Ministry of Finance, Planning and Economic Development to appoint a SHLPC and BEC for term procurement process of coal supply including the emergency procurements of coal.

**4. Approval Sought**

**Perusing the above, approval of the Cabinet of Ministers is sought for the 3.1, 3.2, 3.3 and 3.4 above.**

**Eng. Kumara Jayakody**
Minister of Energy
04.07.2025

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# අමාත්‍ය මණ්ඩල කාර්යාලය
## அமைச்சரவை அலுவலகம்
## OFFICE OF THE CABINET OF MINISTERS

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My No.
25/1188/825/066

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Your No.

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திகதி
Date
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MINISTRY OF POWER & ENERGY

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**අමාත්‍ය මණ්ඩල තීරණය**

2025-07-21 දින පැවති අමාත්‍ය මණ්ඩලයේ රැස්වීමේ වාර්තාවේ විෂය අංක (36) හි උද්ධෘතයක් පහත දැක්වේ.

විෂය අංක: (36)

අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 25/1188/825/066 වූ, "2025/2026 ඉදිරි වාරය සඳහා නොරොච්චෝලේ ලක්විජය විදුලි බලාගාරය (LVPP) වෙත ගල් අඟුරු ප්‍රසම්පාදනය කිරීම" යන මැයෙන් බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2025-07-04 දිනැති සංදේශය - ඉහත සඳහන් සංදේශය මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන ඇමතිතුමාගේ නිරීක්ෂණ සමඟ සලකා බලන ලදී. මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, පහත සඳහන් පරිදි තීරණය කරන ලදී:

(i) පහත සඳහන් කරුණුවලට යටත්ව, 2025/2026 ඉදිරි වාරය සඳහා නොරොච්චෝලේ ලක්විජය විදුලි බලාගාරය වෙත ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 2.320 ± 10%ක් (නැව්ගත කිරීම් 39ක්) මිල දී ගැනීම පිණිස ශ්‍රී ලංකා ගල් අඟුරු සුද්ගලික සමාගම යටතේ ලියාපදිංචි ගල් අඟුරු සැපයුම්කරුවන් වෙතින් දිගුකාලීන ප්‍රසම්පාදනයක් වශයෙන් ලංසු කැඳවීම සඳහා අනුමැතිය ලබා දීම:

(අ) වඩා වැඩි තරඟකාරිත්වයක් තුළින් මුදලට සරිලන වටිනාකමක් ලබා ගැනීම සඳහා ගල් අඟුරු සැපයීම පිළිබඳව අවම වශයෙන් වසර දෙකක (02) පළපුරුද්දක් සහිත සැපයුම්කරුවන්ට ලංසු ඉදිරිපත් කිරීම සඳහා අවස්ථාව සලසා දීම;

(ආ) ගල් අඟුරු ප්‍රවාහනය සඳහා ලංසුකරුවන් විසින් ඉදිරිපත් කරනු ලබන ප්‍රවාහන ගාස්තු සම කිරීමට ලංකා නැව් සංස්ථාවට සාධාරණ අවස්ථාවක් සලසා දීමට හැකි වන පරිදි, ලංසුකරුවන් විසින් ඉදිරිපත් කරනු ලබන නැව් ගාස්තුව වෙන් කර හඳුනාගැනීමට හැකි වන අයුරින් ගල් අඟුරු සඳහා ඔඑුන් විසින් ඉදිරිපත් කරනු ලබන මිල ගණන් නැව් තෙක් නොමිලේ (FOB) සහ පිරිවැය, රක්ෂණය සහ ගැල් කුලිය (CIF) යන ඳදාකාරමයන්ම ඉදිරිපත් කිරීමට අවස්ථාව සලසා දීම;

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(ඇ) අදාළ ගෙවීම් සිදු කරන අවස්ථාවේදී රජයට වඩාත් වාසිදායක විකල්පය තීරණය කිරීමට හැකි වන පරිදි, ගල් අඟුරුවල වටිනාකම් පෙර ගෙවීම් පදනම් මත (ණයවර ලිපි මඟින්) සහ ණය පදනම් මත වශයෙන් වෙන් වෙන්ව ඉදිරිපත් කිරීමට ලංසුකරුවන්ට අවස්ථාව සලසා දීම;

(ඈ) දැනට බලාත්මක අදාළ පනත්වල සහ රෙගුලාසිවල විධිවිධානයන්ට අනුගතව ලංසු කැඳවීමේ ක්‍රියාවලිය සිදු කරනු ලබන බව තහවුරු කර ගැනීම;

(ii) ඉහත (i)හි සඳහන් ප්‍රසම්පාදනයට අදාළව ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටුවක් සහ ලංසු ඇගයීමේ කමිටුවක් පත් කිරීම සඳහා භාණ්ඩාගාරයේ ලේකම් වෙත බලය පැවරීම;

(iii) පහත සඳහන් පරිදි බලශක්ති අමාත්‍යාංශයේ ලේකම්ට නියම කිරීම:

(අ) සංදේශයේ 3 ඡේදයේ 3.3 අනුඡේදයෙහි සඳහන් නිර්දේශයට අදාළව මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන ඇමතිතුමාගේ නිරීක්ෂණවල අවසන් ඡේදයෙහි දක්වා ඇති කරුණු කෙරෙහි නිසි සැලකිල්ලක් යොමු කරමින්, මහා භාණ්ඩාගාරයේ අදාළ දෙපාර්තමේන්තු ප්‍රධානීන් සමඟ සාකච්ඡා කර, ඒ අනුව ඉදිරි පියවර ගැනීම; සහ

(ආ) ගල් අඟුරු සැපයුමට බාධාකාරී වන කිසියම් හදිසි සිදුවීමක් පැන නැඟෙන බව සෙනී යන අවස්ථාවකදී, භාණ්ඩ, වැඩ හා උපදේශන කොවත්ත ක්‍රියාවලින් සඳහා ප්‍රසම්පාදන මාර්ගෝපදේශ සංග්‍රහය - 2024 හි 3.1.8 වගන්තිය අනුගමනය කරමින් අත්‍යවශ්‍ය ගල් අඟුරු තොග ප්‍රසම්පාදනය කිරීම සඳහා අවශ්‍ය පියවර ගැනීම.

තවද, මෙම තීරණය සම්මත කරනු ලැබූ පසු සැලකිමවත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම පිණිස අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යාංශය
බලශක්ති අමාත්‍යාංශය - ඉහත නිරීක්ෂණ යා කොට ඇත.

පිටපත්: ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.
ප්‍රවාහන, මහාමාර්ග, වරාය සහ සිවිල් ගුවන් සේවා අමාත්‍යාංශය - සංදේශයේ පිටපතක් හා ඉහත නිරීක්ෂණ යා කොට ඇත.

ජේ. ජයසුන්දර
අතිරේක ලේකම්

අත්.කළේ/ඩබ්ලිව්.එම්.ඩී.ජේ. ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්

36

මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යාංශය
நிதி, திட்டமிடல் மற்றும் பொருளாதார அபிவிருத்தி அமைச்சு
MINISTRY OF FINANCE, PLANNING AND ECONOMIC DEVELOPMENT


කොළඹ 01, ලේකම් කාර්යාලය, ශ්‍රී ලංකාව.
கொழும்பு 01, செயலகம், இலங்கை.
The Secretariat, Colombo 01, Sri Lanka.

කාර්යාල அலுவலகம் Office: 011 - 2484500, 011 - 2484600, 011 - 2484700
ෆැක්ස් தொலைநகல் Fax: 011 - 2446823
වෙබ් අඩවිය இணையத்தளம் Website: www.treasury.gov.lk


මගේ අංකය எனது இல. My No.: PFD/PMD/CM/2025/Energy/01/192
ඔබේ අංකය உமது இல. Your No.: CP 25/1188/825/066
දිනය திகதி Date: 13.07.2025

## Cabinet Memorandum

**Observations of the Minister of Finance, Planning and Economic Development**

**Ministry/Institution** : Energy

**Subject & Date** : Procurement of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026

04.07.2025

**Proposals/ Requests** : The approval of the Cabinet of Ministers is sought for the proposals.

3.1 To call bids from registered coal suppliers under Lanka Coal Company (Pvt) Ltd., under Long term procurement process for the procurement of 2.320 million MT ±10% (39 shipments) of coal for the forthcoming season of 2025-2026 for the Lakvijaya Coal Power Plant, Norochcholai.

3.2 In any emergency situation occurs interrupting the coal supply, then to procure coal through emergency procurement methods following the sec. 3.1.8. Procurement Guidelines – 2024 to ensure uninterrupted supply of coal for LVPP, by calling bids from registered coal suppliers to procure 300,000 MT± 10% coal to be delivered within approximately one month within a shorter bidding time subject to the covering approval of the Cabinet of Ministers.

3.3 To obtain the Government intervention and support for the proposed payment terms and tax exemptions mentioned under 2.7 of the Cabinet Memorandum.

(57)

3.4 To authorize the Secretary to the Ministry of Finance, Planning and Economic Development to appoint a Standing High Level Procurement Committee (SHLPC) and Bid Evaluation Committee (BEC) for term procurement process of coal supply including the emergency procurements of coal.

**Observations** : I have no objections to implement the proposals, subject to provisions available in relevant Acts and Regulations.

The payment of Value Added Tax applicable (VAT) on coal import consignments would be temporarily differed until release of coal to be used in the power plant through the establishment of the proposed bonded warehouse. However, there is no provisions in the Value Added Tax Act No. 14 of 2002 exempt VAT applicable on importation of coal.

**Anura Kumara Dissanayake**
**Minister of Finance, Planning and Economic Development**



2025/27 - (

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(490)
15 JUL 2025

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

Ref No: LCC/CH/CLO/[illegible]

14th July 2025

Prof. Udayanga Hemapala
Secretary
Ministry of Energy

Dear Sir,

**Subject: Request for Approval to Procure 10% Plus Option Quantity of Coal Under Ongoing Contract No. LCC/PROP/23/1**

This refers to the recent telephone discussion held between you, the Chairman, and the management of LCC regarding the critical need to avoid any idle period between the completion of coal deliveries under the ongoing contract and the commencement of supplies under the upcoming long-term coal tender. It also refers to our letter dated 2nd July 2025 concerning the delays in appointing tender committees, and to multiple discussions held with respect to the Ministry's policy direction to priorities coal procurement through long-term contracts to prevent reliance on emergency procurement measures.

In alignment with this policy and to ensure uninterrupted operations at the Lakvijaya Power Plant (LVPP) during the 2025–2026 coal season, we respectfully seek your kind consideration and approval to procure the 10% Plus Option Quantity of coal from the existing supplier under the current contract (Ref: LCC/PROP/23/1).

Under this long-term supply agreement, a quantity of 2.25 million metric tons (MT) ±10% was awarded to M/s Potencia LLC-FZ. To date, a total of 1,634,920 MT has been delivered over 29 shipments during the 2024–25 season. The remaining quantity of 840,080 MT, including the 10% Plus Option available under the contract, is eligible for procurement and can be scheduled for delivery in 15 shipments during the upcoming season. This procurement is critical to bridging the supply gap and ensuring the continuity of power generation, particularly in the absence of appointed procurement committees for the new term tender.

We therefore ***propose to procure this 10% Plus Option Quantity under the same terms and conditions of the existing contract***, ensuring seamless continuation of coal supply into the next season.

A summary of the contract status is provided below:

| Description | Quantity (MT) | Remarks |
|---|---|---|
| Awarded Quantity | 2,250,000 ±10% | Contract No. LCC/PROP/23/1 |
| 10% Plus Option Quantity | 225,000 | Total: 2,475,000 MT |
| Supplied (2024–25 Season) | 1,634,920 | 29 shipments completed |
| Balance (Proposed 2025–26) | 840,080 | Approx. 15 shipments |
| Per Shipment Quantity (Average) | ~56,000 | |



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Additionally, we propose to initiate the next term tender process upon completion of these 15 shipments. This will allow sufficient time for the appointment of relevant procurement committees and ensure preparedness for coal requirements for the remainder of the 2025–26 season and beyond thereby avoiding any potential idle period.

Your favorable and timely approval of this request would be greatly appreciated. Upon receipt of the necessary approval, LCC will proceed to amend the procurement plan accordingly and notify the relevant authorities, following formal endorsement by the LCC Board.

Thank you for your continued support and guidance.

Yours faithfully,

**Namal Hewage**
General Manager

*Cc: i) Chairman – Lanka Coal Company (Pvt) Ltd.*
*ii) Procurement Manger - Lanka Coal Company (Pvt) Ltd.*

6 - Buyers option 10% approvals

අමුණුම 37

RECEIVED
18 JUL 2025
GM DIVISION
Lanka Coal Company (Pvt)

බලශක්ති අමාත්‍යාංශය
வலுசக்தி அமைச்சு
MINISTRY OF ENERGY

437, ගාල්ල පාර, කොළඹ 03 | 437, Galle Road, Colombo 03

මගේ අංකය / எனது இல. / My No. PE/TEN/SHLPC/SP/2025/27

ඔබේ අංකය / உமது இல. / Your No.

දිනය / திகதி / Date 18.07.202

General Manager
Lanka Coal Company (Pvt.) Ltd.

**Re: Request for Procure 10% plus option quantity for Coal under Original contract no. LCC/PROP/23/1**

This refers to your letter no. LCC/CH/01/25/19 dated 14.07.2025 regarding the above matter.

As proposed by you, I hereby grant the approval to utilize the 10% plus option quantity for Coal under Original contract no. LCC/PROP/23/1 of the current coal supplier to ensure the continuous supply of coal for the next coal season of 2025 - 2026.

Further, you are kindly informed to initiate the long term procurement process once you received the respective Cabinet decision on Procurement of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025 – 2026.

**Prof. K T M Udayanga Hemapala**
Secretary
Ministry of Energy

#1. Noted your valued decision in responce to our letter dated 14th July 2025.

#2. Subsequently we(LCC) awarded the additional 225,000 metric Tons to Potensia LLC-FZ on 18/07

#3. We have already sent the Laycan schedule and waiting for their acceptance & confirm

18/07/

Secretary Tel: (+94)-11-2370115 Fax: (+94)-11-2372115
Ministry Tel: (+94)-11-2574922 Fax: (+94)-11-2574880 (+94)-11-2574743
Website www.powermin.gov.lk

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertak

Ref No: LCC/CH/01/25/19

14th July 2025

Prof. Udayanga Hemapala
Secretary
Ministry of Energy

Dear Sir,

**Subject: Request for Approval to Procure 10% Plus Option Quantity of Coal Under Ongoing Contract No. LCC/PROP/23/1**

This refers to the recent telephone discussion held between you, the Chairman, and the management of LCC regarding the critical need to avoid any idle period between the completion of coal deliveries under the ongoing contract and the commencement of supplies under the upcoming long-term coal tender. It also refers to our letter dated 2nd July 20... concerning the delays in appointing tender committees, and to multiple discussions held with respect to the Ministry's policy direction to prioritize coal procurement through long-term contracts to prevent reliance on emergency procurement measures.

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LCC/CH/01/25/19

14th July 2025

To: Eng. Kumara Jaykody
Hon. Minister of Energy, Ministry of Energy

Attn: Prof: Udayanga Hemapala
The Secretary, Ministry of Energy

**Subject: Request for Approval to Procure 10% Plus Option Quantity of 840,080 MT Coal from Existing Supplier under LCC/PROP/23/1, Ongoing Contract**

Dear Professor,

We respectfully seek your kind intervention to ensure the uninterrupted supply of coal to the Lakvijaya Power Plant (LVPP) for the upcoming 2025–26 coal season.

As you are aware, a total quantity of 2.25 million metric tons (MT) ±10% was awarded under the current long-term coal supply contract. Of this, 1,634,920 MT has already been supplied over 29 shipments during the 2024–25 season, leaving a balance plus 10% quantity of approximately 840,080 MT, expected to be delivered in 15 shipments for the 2025–26 season.

In view of the upcoming requirements, we kindly request approval to procure the remaining 840,080 MT (plus the 10% option) of the contracted quantity from the same supplier, Potencia LLC-FZ under the existing terms and conditions of the ongoing contract. This will ensure the commencement and continuity of the 2025–26 coal season without disruption.

A summary of the current contract is as follows:

| Description | Quantity (MT) | 10% plus option MT | Shipments |
|---|---|---|---|
| Awarded Quantity | 2,250,000 ±10% | 2,475,000 | |
| Less Supplied (2024–25 Season) | 1,635,000 | (1,634,920) | 29 |
| Per shipment quantity to be supplied | 56,000 | 840,080 | 15 |

Accordingly, LCC propose that the next long-term coal tender be initiated following the delivery of the first 15 vessels for the 2025–26 season, which would provide sufficient lead time for proper planning long term coal procurement after appointment of procurement committees.

Your approval to obtain plus option of 840,080 MT (15 shipments) from the existing supplier's contract will be greatly appreciated.

Yours faithfully,

Srimath Dias Perera
Chairman

(61)

Additionally, we propose to initiate the next term tender process upon completion of these 15 shipments. This will allow sufficient time for the appointment of relevant procurement committees and ensure preparedness for coal requirements for the remainder of the 2025–26 season and beyond thereby avoiding any potential idle period.

Your favorable and timely approval of this request would be greatly appreciated. Upon receipt of the necessary approval, LCC will proceed to amend the procurement plan accordingly and notify the relevant authorities, following formal endorsement by the LCC Board.

Thank you for your continued support and guidance.

Yours faithfully,

**Namal Hewage**
General Manager

*Cc: i) Chairman – Lanka Coal Company (Pvt) Ltd.*
*ii) Procurement Manger - Lanka Coal Company (Pvt) Ltd.*

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

LCC/25/TT/1

31.07.2025

Secretary
Ministry of Energy

Dear Sir,

**Sub: Procurement of Approximately 2.32 million Metric Tons (±10%) of Coal for the 2025–2026 Coal Season**

This is in reference to Cabinet Decision No. 25/1188/825/066 dated 23rd July 2025, Subject No. 36, which granted approval to procure approximately 2.32 million metric tons (±10%) of coal to the LVVP power plant for the upcoming 2025–2026 coal season.

In line with this, Lanka Coal Company (LCC)'s approved procurement plan requires revision as follows:

| Description | Quantity | Approximate Delivery schedule |
|---|---|---|
| Total Demand from LVPP | 2,320,000 MT ±10% | 57 |
| Balance Quantity from Existing contract | 840,080 MT | 15th Sep to 9th Dec 2025 |
| Required from New Procurement | 1,479,920 MT ±10% | 14th December to 19th April 2026 |

## Procurement Options to Optimize Available Timeframe

**Option 1:**

Call a **term tender** to procure **1,479,920 MT (±10%)** with a **reduced bidding period of 21 days**, for delivery starting **14th December 2025.**

*Note: Requires relevant (Cabinet or SHLPC) approval to reduce the standard 42-day bidding period, as tenders will be invited from pre-qualified suppliers for pricing proposals.*

| Description | Quantity | Bidding Period |
|---|---|---|
| Term tender | 1,500,000 MT ±10% | 21 days |

**Option 2:**

- **Emergency tender for 300,000 MT (±10%) for delivery between 14th December 2025 and 3rd January 2026, to address potential supply issues during the southwest monsoon. and,**



No:51/3, Suranimala Place, Off-Dutugemunu Street, Kohuwala/Dehiwala, Sri Lanka. | Tel: +94 11 2 824 681/2 Fax: +94 11 2 824 689 | www.lankacoal.
A Subsidiary of Ceylon Electricity Board, Registration Number: PV 62636

- **Term tender for 1.2 million MT (±10%) for delivery from 8th January to 19th April 2026.**

| Description | Quantity | Bidding Period |
|---|---|---|
| Under Emergency procurement | 300,000 MT ±10% | 2 weeks |
| Term tender | 1,200,000 MT ±10% | 42 days |

Your kind consideration and necessary approval of one of the two proposed options are respectfully requested

Thanking you
Yours faithfully,

**Namal Hewage**
General Manager

*Cc:*

*Chairman – LCC*
*Chairman – BEC*
*Addl. Secretary (Development & Procurement) – MOE*
*Procurement Manager – LCC*

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Annexure - 01

| Minutes of the Standing High Level Procurement Committee (SHLPC) Meeting held at Ministry of Energy | | | |
|---|---|---|---|
| Name of the Procurement Committee | SHLPC | Name of the Procurement Entity | Lanka Coal Company Pvt Ltd (LCC) |
| Procurement of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026 - LCC/25/TT/1 | | | |

| Meeting No: | 02 | Date | 13.08.2025 | Purpose | To consider the BEC report dated 05.08.2025 & LCC letter dated 07.08.2025 |
|---|---|---|---|---|---|

**Members Present**

**SHLPC Members**

**Mr. K R Uduwawala,** - Chairman
Secretary, Ministry of Environment (Virtually)

**Prof. K T M Udayanga Hemapala,** - Member
Secretary, Ministry of Energy.

**Mrs. W A Dilrukshini,** - Member
Assistant Governor, Central Bank of Sri Lanka.

**Mr. M K Pradeep Kumara** - Member
Director General, Department of Trade and Investment Policies (Absent)

**Eng. (Mr.) W Edussuriya** - Member
Act.General Manager, Ceylon Electricity Board.

**BEC Members**

Eng. D.M.R.K.B. Gunarathna, Chairman
DGM (Mahaweli Complex), CEB

Mr. T P Kodituwakku - Member
Director (Technical), M /Energy

Mrs. Himali Bogodagedara, Director, Member
Department of External Resources (Virtually)

Mr. W A K D Premathilake - Member
Addl. Finance Manager, CEB

Mr. B.A. Ajith Kumara, Finance Manager - Member
LCC

Mr. H. Saman De Silva, Actg Manager - Member
(Catering & Agency), CSCL

**PE Representative**

Mr. Sujantha Rathnayake
Procurement Manager, LCC

**Document Circulated:** BEC report No. LCC/25/TT/1 dated 05.08.2025
LCC letter No. LCC/25/TT/1 dated 07.08.2025

1. **Background:**

As per the Cabinet Decision No. 25/1188/825/066 dated 21.07.2025, approval of the Cabinet of Ministers has been granted to procure 2.32 million MT ± 10% of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026. Also Cabinet approval was granted to go for emergency procurement in an any case that arises emergency situation that disrupts the supply of coal, as per the procurement guidelines 2024,

As per the same Cabinet Decision No. 25/1188/825/066 dated 21.07.2025, BEC and SHLPC were appointed by the Department of Public Finance on 28.07.2025 for the Procurement of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026.

As per the letter of GM/LCC, it was suggested below mentioned 02 options to optimize the available time frame of the coal supply.

(i) To reduce the bidding period from 42 days to 21 days, enabling the coal delivery commencement from 14.12.2025.

(ii) To go for emergency tender with a bidding period of 02 weeks for delivery of 300,000 MT between 14.12.2025 to 03.01.2026to address supply issues during southwest monsoon.

As per the directions of Secretary, letter dated 05.08.2025 was sent to the National procurement Commission (NPC) by requesting approval to reduce the bidding period of this procurement from 42 days to 21 days and the reply of the NPC is to be received.

Further, as per the directions of the Secretary, a report has been called from the BEC with regard to the matters pointed out by GM/LCC by the aforementioned letter, enabling the Ministry to submit it to the SHLPC for a decisions.

Initial discussion has been held on 05.08.2025. Both BEC and the LCC has brief the existing situation and the requirement of the reduction of the bidding period of this procurement. SHLPC direct the BEC to submit a report on the matters pointed out by the letter of GM/LCC dated 31.07.2025 and direct GM/LCC to submit a report including the reasons of any delay (if any) happened in the procurement process.

Accordingly, the BEC report was received on 06.08.2025 and it was circulated via email among the members of the SHLPC as per the directions given by Secretary.

**2. Observations of the BEC**

2.1 Cabinet approval has been obtained for the procurement of 2.32 million MT ±10% of coal. Based on the LCC's current vessel arrival schedule and the remaining quantity under the ongoing contract (840,000 MT from 15 shipments, 01st phase), the supply is expected to be sufficient to meet the LCC's tentative vessel arrival schedule up to 07th December 2025.

2.2 However, the remaining quantity (02nd Phase) of approximately 1.5 million MT ±10% (equivalent to 25 shipments) to be procured within the current season would commenced around 14th January 2026 as per the Procurement Time Schedule (Annexure -04) Therefore, this would create idling period of more than one month (14th December 2025 to 14th January 2026) without arriving any vessels. This period is one of the calmest period in the non-monsoon season.

2.3 It is essential to ensure completion of deliveries before the onset of the Southwest Monsoon at the end of April 2026 to ensure the continuous operation of the power plant.

2.4 Further it is noted that the NPC Guideline has given directions to allow 42 days as the bidding period and hence it is impossible to deliver the required quantity during the remaining period (14th January 2026 to end of April 2026) Therefore, it is necessary to utilize the above mentioned period (Item 2.2) for coal delivery to ensure uninterrupted power supply of the country.

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2.5 Further study has revealed that the above mentioned period could be utilized to deliver coal in the following manner.

a. To shorten the bidding period from 42 days to 21 days in order to meet the seasonal supply target.
b. To go for emergency procurements as per the cabinet approval dated 21.07.2025.

2.6 BEC suggested to proceed with 2.5 (a) after obtaining the concurrence of the NPC.

2.7 Failing on 2.6 in the above, BEC suggested to proceed with 2.5 (b) as per the cabinet approval and to proceed with the term tender to procure the balance quantity of coal by having 42 bidding period as per the NPC.

2.8 As this procurement is intended solely for the 2025–2026 coal season, it is recommended that the procurement process for the 2026–2027 coal season be initiated well in advance. This will ensure that the coal supply can commence by mid-September 2026, allowing for timely delivery and uninterrupted operations throughout the required duration.

2.9 The final scrutinized draft procurement document shall be submitted for the approval of SHLPC in due course.

**3. Recommendations of BEC**

Based on the observations outlined above, it is recommended to,

3.1. Obtain approval from the National Procurement Commission to reduce the bidding period for the upcoming coal tender LCC/25/TT from the standard 42 days to 21 days to meet the seasonal coal supply requirements.

3.2. In the event of being unable to obtain the approval for the above 3.1, it is recommended to procure 300,000 MT +/-10% under the emergency procurement method as per the cabinet approval and to procure the balance quantity of coal using the conditions of the term tender.

3.3. If necessary, to obtain cabinet approval for the above 3.1 & 3.2.

**4. Matters discussed**

4.1 Referring the 3.1 above of the recommendations of BEC, Ministry mentioned that it has already been wrote to the NPC to obtain their concurrence to reduce the bidding period from 42 days to 21 days.

4.2 SHLPC noted the item no. (iii) (b) of the subject no. 36 of the Cabinet decision which states *"to take necessary action for the procurement of most essential quantity of coal by following section 3.1.8. of the procurement Guidelines – 2024 for Goods, Works and Non- Consultancy services, in an instance where it appears that an emergency situation which disrupts the supply of coal would arise"*

4.3 Accordingly, SHLPC mentioned that it is appropriate to go for Emergency procurement in any case of not granting approval by NPC for the reduction of the bidding period up to 21 days in order to maintain a uninterrupted coal supply for LVPP. Further, SHLPC noted the letter of GM/LCC no. LCC/25/TT/1 dated 07.08.2025 and the dates of correspondents of this procurement process submitted as per the Ministry file records. Accordingly, SHLPC instructed the Ministry and the LCC to properly plan the upcoming coal procurements to avoid unnecessary delays.

4.4 SHLPC queried on the required quantity of coal under emergency procurement. BEC mentioned it has already been approved the 10% ± quantity of the existing tender and its delivery will be completed in mid-December 2025. Then, if the bidding period of this new procurement for season 2025/2026 is set for 21 days, then the next coal supply could be done in December, 2025 and could maintain the continuous coal supply.

Further, BEC mentioned that if the bidding period is set for 42 days, then the coal supply could be done in January, 2026 and need to go for emergency procurement to fill the one month gap to maintain the continuous coal supply. The required amount of coal supply for a one month period is 300,000 MT (05 shipments).

4.5SHLPC queried that how many bidders are registered up to now and BEC mentioned that 28 suppliers have already been registered up to date who are eligible for bidding.

**5. SHLPC Decision**

**Perusing the above,SHLPC decided;**

(i) If the NPC grants the approval for the reduction of bidding period from 42 days to 21 days, then to proceed with the term tender process.

(ii) In any case, the approval of the NPC is not granted for above 5. (i), then to procure 300,000 MT +/-10% under the emergency procurement method as per the Cabinet decision No. 25/1188/825/066 dated 21.07.2025 and procure the balance quantity of coal through the term tender process.

| Name | Capacity | Agree with the Above Decisions (Yes/No) | Signature |
|---|---|---|---|
| Mr. K R Uduwawala | Chairman | Yes | |
| Prof. K T M Udayanga Hemapala | Member | Yes | |
| Mrs. W A Dilrukshini | Member | Yes | |
| Mr. M K Pradeep Kumara | Member | | - absent - |
| Eng. (Mr.) W Edussuriya | Member | Yes | |

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வலுசக்தி அமைச்சு
MINISTRY OF ENERGY

437, ගාල්ල පාර, කොළඹ 03 | 437, காலி வீதி, கொழும்பு 03 | 437, Galle Road, Colombo 03

මගේ අංකය / எனது இல. / My No. PE/TEN/SHLPC/SP/2025/27

ඔබේ අංකය / உமது இல. / Your No.

දිනය / திகதி / Date 25 /08/2025

Secretary General
National Procurement Commission

**Procurement of Approximately 2.32 million metric tons (±10%) of Coal for the 2025 -2026 Season**

This refers to the letter of General Manager, Lanka Coal Company (Pvt) Ltd. no. LCC/25/TT/1 dated 31.07.2025 regarding the above matter. (A copy is attached as **Annexure 1**)

As per the Cabinet approval dated 21.07.2025, Cabinet of Ministers has granted approval to call Bids from coal suppliers registered with Lanka Coal Company (Pvt) Ltd. (LCC) under Long Term Procurement Process for the Procurement of 2.32 million metric tons (±10%) of Coal (39 Shipments) for the forthcoming season of 2025-2026 for the Lakvijaya Coal Power Plant (LVPP). (Copies of the Cabinet decision, relevant Cabinet Memorandum and the Observations of the Minster of Finance are attached as **Annexure 2**)

The coal supply under the new procurement shall be commenced by 14.12.2025 to ensure continuous coal supply during the available window, since the entire coal requirement of the LVPP shall be transported and unloaded during the period from mid-September to mid-April. For that purpose, it is required to optimize the available time frame of this procurement by reducing the minimum Bidding period from 42 days to 21 days and it is justified as the Bids are to be invited from pre-qualified Coal suppliers.

Accordingly, it is much appreciated if you could grant your concurrence and the approval for the reducing of the minimum Bidding period of the aforementioned procurement from 42 days to 21 days, considering the existing requirement.

Prof. K T M Udayanga Hemapala
Secretary

c/c

Cc: General Manager, LCC – for your information please.

செயலாளர் / Secretary | Tel: (+94)-11-2370115 Fax: (+94)-11-2372115
அமைச்சு / Ministry | Tel: (+94)-11-2574922 Fax: (+94)-11-2574880 (+94)-11-2574747
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RECEIVED
12 AUG 2025
TENDER BRANCH

Date: 12/08/2025

My No. LCC/25/TT/1

Chairman,
Standing High Level Procurement Committee (SHLPC),
Ministry of Energy

**Procurement of 1.5 million ± 10% MT of Coal for Lakvijaya Power Plant, Puttalam for the Duration from December 2025 - May 2026.**
**Term Tender - No: LCC/25/TT/1**
**BEC Report No: 02:**

**Submission of Draft Procurement Documents for SHLPC Approval**

The undersigned were appointed to the Bid Evaluation Committee (BEC) by the Department of Public Finance vide their letters No. **PE/TEN/SHLPC/SP/2025/27** dated 28/07/2025 ***(Annexure 01)*** to assist the Standing High Level Procurement Committee (SHLPC) for the above procurement.

## 1. Background

The procuring entity Lanka Coal Company (Private) Limited (LCC) forwarded a preliminary draft of the procurement document in respect of this procurement to all BEC members for review.

Accordingly, BEC reviewed the preliminary draft procurement document together with the proposed amendments which were discussed in detail and were incorporated appropriately to suit the existing coal handling system in practical manner. In preparation of the draft procurement document the following supporting documents were considered.

1. Cabinet Decision No. 25/1188/825/066 dated 23rd July 2025, Subject No. 36, which granted approval to procure approximately 2.32 million metric tons (±10%) of coal to the Lakvijaya Power Plant (LVPP) for the upcoming 2025–2026 coal season. ***Annexure 02***

2. LCC/24/TT/1 Term Tender Bidding Document floated for 2024-2026 - ***Annexure 03***

3. State Fertilizer Company Ltd Tender Document for No. 2025/SFCL/ICB/URP/03 document received from the Minster of Energy. ***Annexure 04***

4. Points to be considered in the next Coal Tenders – emails received from the Chairman LCC - ***Annexure 05***

5. Coal Requirement for the season 2025-2026 sent by the General Manager, Ceylon Electricity Board (CEB) - ***Annexure 06***

6. Procurement Time Schedule (PTS) sent by the Procurement Manager, LCC - ***Annexure 07***.

**2. Accordingly, the BEC made the following key amendments to the preliminary draft procurement document submitted by the LCC:**

1. Quantity and Shipments –

   The quantity of coal to be procured under the term tender was set at 1.5 million MT ±10%, requiring a minimum of 25 shipments during the 2025–2026 season.

2. Bidding Period Reduction –

   As the non-monsoonal period does not provide sufficient days to accommodate 25 shipments under the standard of NPC bidding period of 42 days, the bidding period was reduced to 21 days, subject to NPC concurrence and Cabinet approval, to ensure uninterrupted coal supply for 2025–2026 through a single term tender.

3. No Assignment Clause –

   Sub-clause 3.19.1 ("No Assignment") under clause 3.19 ("Assignment") was amended subject to the legal advice from the Attorney General's Department.

4. Buyer's Accredited Independent Surveyor Appointment for Load Port –

   A new paragraph was added to Clause 3.5.1. B. to formally authorize the appointment of a Buyer's Independent Surveyor at the Port of Loading on a random basis. When necessary, the testing of a second sample at the load port shall be conducted by the accredited independent surveyor appointed by the buyer, and the seller shall provide the necessary support to facilitate this process.

5. Sticky and Jammed Cargo Issues During Cold-Weather Loading –

   A new paragraph was included to Clause 3.4.3.(c) address operational difficulties experienced in the previous season due to sticky and jammed cargo loading in sub-zero temperatures.

6. New paragraph for Quantification of Excess Moisture During Unloading Due to Sticky and Jammed Cargo –

   A new paragraph was added to clause 3.4.3 (d), specify the method for quantifying bilge water collected during unloading at the discharge port, based on the initial draft survey conducted before unloading and the final draft survey completed after unloading, if deemed necessary. Accordingly, the measured quantity of bilge water (in metric tons) shall be deducted from the draft-surveyed coal quantity.

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7. Further, Demurrage Prevention –

Additional conditions were incorporated to further minimize the risk of demurrage at the discharge port, taking into account past experiences during various geopolitical events and periods of economic downturn in the country.

8. Debriefing Clause –

A new clause on "Debriefing" was introduced as clause 2.13.6.

9. Security Deposits –

Bidders are now permitted to submit bid security and performance security by depositing the required amounts into LCC's bank account, in either USD or LKR, as an alternative to providing a bank guarantee.

10. Payment Options –

Payment shall be made either by telegraphic transfer or through an irrevocable, unconfirmed Documentary Letter of Credit (either at sight or with 90 days' usance), which will be opened exclusively through the Bank of Ceylon, Sri Lanka in the Price Proposal provided in Annexure 5.

11. Credit Facility Evaluation –

CFR prices on a Sight L/C basis and 90-day Usance L/C credit facility basis per metric ton (MT) will be considered for financial evaluation. Offers will be evaluated separately based on the Sight L/C price and the 90-day credit price, and the most economically advantageous offer under the above two pricing options will be selected. Then the price of the lowest price supplier will be matched against the existing credit facility provided by the Bank of Ceylon, to determine the most advantageous option for the CEB.

12. Freight Payment Adjustment –

A provision was introduced under Clause 5.4.2 to allow payment adjustments for the freight component (78%) based on Clarkson's Shipping Intelligence, in addition to the existing 22% adjustment component for bunker fuel.

13. New Procurement Forms

The following forms were added:

a) Coal Supplier's Certification confirming compliance with the coal specifications in clauses 5.1 and 5.2 of Section 5 of the Procurement Documents.

b) Non-Collusion Affidavit.

c) Draft Notification of Award

3. **Procurement Time schedule received from LCC for this procurement was reviewed and updated as given below.**

| | with 21 days bidding period | |
|---|---|---|
| **Description** | **Days allowed** | **Scheduled to PTS** |
| **BEC recommendation for the Procurement Pocument** | 7 | August 5, 2025 |
| **SHLPC Approval for Procurement Document** | 9 | August 14, 2025 |
| **Invitation of Bids (Bidding Period 21 Days)** | **1** | **August 15, 2025** |
| Pre-Bid meeting (if necessary) | 7 | August 22, 2025 |
| **Pre-Bid meeting to Bid closing** | **14** | **September 8, 2025** |
| Bid evaluation & Recommendation by BEC and SHLPC approvals | 7 | September 12, 2025 |
| Communication to all bidders on the intention of awarding of contract | 7 | September 19, 2025 |
| Debriefing and Appeal Board | 17 | October 6, 2025 |
| Freight to be Matched by CSC | 4 | October 10, 2025 |
| Submission of memorandum to cabinet and to get Cabinet approval for the same | 3 | October 13, 2025 |
| Approval of Cabinet | 17 | October 30, 2025 |
| **Awarding of Contract** | 1 | October 31, 2025 |
| Performance Security | 14 | November 14, 2025 |
| **Discharge Port ETA** | **35** | **December 19, 2025** |
| | **143** | |

1) Upon obtaining the approval of the SHLPC for the shortlist of coal suppliers prepared by the BEC, only those suppliers included in the approved shortlist shall be invited to submit bids for this procurement process. The shortlist shall consist solely of coal suppliers who have been duly registered with the LCC on or before 18th August 2025. The register of LCC-approved coal suppliers is maintained and continuously updated on the official LCC website.

2) The bids will be invited from the pre-qualified coal suppliers registered under the LCC via email and the original Procurement Documents will be couriered to their registered addresses or allowed their representatives to get collected it from LCC upon submission of authorized letters for them do so by their suppliers.

3) CEB funds will be utilized for this procurement and LCC will establish Documentary Letter of Credit (LC) or Usance LC or TT payment secured by a treasury guarantee.

4) As per the PED Circular No.PF/415, the Ceylon Shipping Corporation Ltd. (CSC) will be given an opportunity to offer competitive freight component than that by the successful Bidder.

## 4. OBSERVATION

4.1 Without reducing the standard bidding period from 42 days to 21 days, subject to the concurrence of the NPC and the approval of the Cabinet, the proposed vessel arrival schedule of the LCC for shipping 25 coal vessels cannot be fulfilled. Consequently, no assurance can be given regarding the supply of the required coal quantity for the 2025–2026 period through the implementation of a term tender alone.

4.2 If the NPC does not concur with the BEC's proposal to reduce the bidding period to 21 days;

- A quantity of 300,000 MT of coal shall be procured through an emergency procurement process, in accordance with Cabinet Decision No. 25/1188/825/066 dated 23rd July 2025, to ensure the energy security of the country.

and

- The remaining requirement of approximately 1.2 million MT of coal for the 2025–2026 season shall be procured through a term tender, with an estimated schedule of approximately 20 coal-laden vessel arrivals.

4.3 As this procurement is intended solely for the operation of the Lakvijaya Power Plant during the 2025–2026 season, without accommodating a buyer's option for 2027, the coal procurement process for the 2026–2027 season shall commence no later than the second quarter of 2026. This is to ensure an uninterrupted electricity supply to the national grid in 2027 without operational disruptions.

4.4 With regard to the LCC Chairman's proposal to take samples and measure the moisture content of coal onboard the vessel during unloading at the discharge port, the BEC is of the opinion that the current practice is adequate. Moisture content is currently measured from coal samples collected at the belt scale, located at the entry point to the coal yard of LVPP. If the measured values meet LCC standards, the coal is considered acceptable. Further to that, the bid document includes a method for assessing the water retained in the coal, along with a requirement to record the release of bilge water during unloading in the log sheet report.

Furthermore, introducing overly stringent conditions in the procurement documents may discourage wider participation. Therefore, any such conditions should be implemented with caution, ensuring they do not pose a risk to the continuous electricity generation of the Lakvijaya Power Plant, which serves as the country's primary baseload power source.

## 5. RECOMMENDATION

BEC recommends

5.1 The draft Procurement Document, bearing reference LCC/25/TT/1 and attached herewith as **Annexure 08,** represents the final version to be used for procuring the coal requirement for the 2025–2026 season.

5.2 To authorize the Chairman of LCC to invite bids from coal suppliers registered with LCC prior to the bid invitation date, provided that their inclusion in the pre-qualified list has already been approved by the SHLPC.

5.3 To consider paragraph 4.2 above to ensure uninterrupted coal supply and, consequently, continuous power supply to the national grid for the 2025–2026 period.

## 6. APPROVAL SOUGHT

Approval of the SHLPC is sought for the BEC recommendations outlined in item 5 as stated above.

| | BEC | Signature |
|---|---|---|
| 1 | Eng. D.M.R.K.B Gunarathna – Chairman<br>DGM (Mahaweli Complex)-CEB | |
| 2 | Eng. P.W. Bambunusinghe – Member<br>Power Plant Manager (Lakvijaya Power Plant) – CEB | |
| 3 | T.P. Kodituwakku – Member<br>Director (Technical) – Ministry of Energy | |
| 4 | Himali Bogodagedara – Member<br>Director –Department of External Resources | |
| 5 | W.A.K.D. Premathilake – Member<br>AFM (Generation) – CEB | |
| 6 | Eng. A.B.M.T. Abeykoon – Member<br>DPM (Commercial & Monitoring)-LVPP-CEB | |
| 7 | B.A. Ajith Kumara – Member<br>Finance Manager-LCC | |
| 8 | Saman Herath – Member<br>Accounts officer/Actg. Accountant-LCC | |

| | | |
|---|---|---|
| 9 | H. Saman De Silva – Member<br>Actg. Manager (Chartering & Agency)- CSC | |

Document attached :

1. Annexure 01
2. Annexure 02
3. Annexure 03
4. Annexure 04
5. Annexure 05
6. Annexure 06
7. Annexure 07
8. Annexure 08

(6) Seperate comments were submitted for the point 2 of page (2) 4.1 & 4.2 of page no. 5

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29 AUG 2025

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தேசிய பெறுகை ஆணைக்குழு

# National Procurement Commission

| | | | | | |
|---|---|---|---|---|---|
| මගේ අංකය எனது இலக்கம் My Number | NPC/PP/01/CD-31/2025 | ඔබේ අංකය உமது இலக்கம் Your Number | PE/TEN/SHLPC/SP/2025/27 | දිනය திகதி Date | 07.08.2025 |

Secretary,
Ministry of Energy

**Procurement of Approximately 2.32 million metric tons (±10%) of Coal for the 2025-2026 Season**

This refers to your letter No. PE/TEN/SHLPC/SP/2025/27 dated 05th August, 2025 on the above subject.

02. This is to inform you that the National Procurement Commission has discussed the contents of the aforementioned letter at the Commission Meeting held on the 07th August, 2025 wherein it was decided to inform you that;

> *"The Commission acknowledged that the Cabinet decision on this matter was made with the understanding that coal procurement is an urgent requirement. Therefore, it was decided to inform the Ministry that they may justifiably and practically determine the bidding period, given the urgency of the situation."*

Please act accordingly.

**D.C. Siribaddana**
Secretary General,
National Procurement Commission.


ජාතික ප්‍රසම්පාදන කොමිෂන් සභාව, අංක 44 (890), ආර්. ජී. සේනානායක මාවත, කොළඹ 07.
தேசிய பெறுகை ஆணைக்குழு, இலக்கம் 44(890), ஆர் ஜி சேனாநாயக மாவத்த, கொழும்பு 07.
National Procurement Commission, No 44 (890), R.G. Senanayaka Mawatha, Colombo 07.

| | | | | | |
|---|---|---|---|---|---|
| දුරකථන தொலைபேசி Telephone | 011-2665152 | ෆැක්ස් தொலைநகல் Fax | 011-2665162 | විද්‍යුත් තැපෑල மின்னஞ்சல் E-mail | |
| | | | | වෙබ් අඩවිය இணையத்தளம் Web Site | |

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

My Ref. LCC/25/TT/1

18th August 2025

Dear Bidder,

**Subject: Supply of 1,500,000 MT ± 10% Coal for Lakvijaya Power Plant, Sri Lanka for the season 2025/2026 under Tender No. LCC/25/TT/1**

The Chairman of the Standing High Level Procurement Committee (SHLPC), on behalf of Lanka Coal Company (Private) Limited (LCC), hereby invites you to submit a bid for the supply of coal to the Lakvijaya Coal Power Plant, Puttalam, Sri Lanka, for the season 2025–2026.

The Procurement Document for this tender has been emailed to you for reference purposes only. Kindly confirm the safe receipt of this invitation along with the reference copy of the Procurement Document.

Bids will be accepted until **10.00 a.m.** on **8th September 2025** and will be opened immediately thereafter on the same day at the office of **Lanka Coal Company (Private) Limited, No. 51/3, Suranimala Place, Off Dutugemunu Street, Kohuwala, Dehiwala, Sri Lanka.** Bidders or their authorized representatives (maximum of two persons) are permitted to be presented for the bid opening.

Special Notes

I. The original Procurement Document will either be couriered to the bidder's registered address or may be collected by an authorized representative from the office of Lanka Coal Company (Private) Limited (LCC), with prior notice, within two (2) days of the bid invitation. If not collected, the document will be dispatched by courier on 20th August 2025. **All bids shall be submitted using the original Procurement Document issued by LCC,** only these originals will be accepted for evaluation. Copies transmitted by email are provided strictly for reference purposes only.

II. A Pre-Bid Meeting will be held at 2:00 p.m. on 25/08/2025 at the LCC office (address above).

III. The required submission documents, as stipulated under Clause 2.10.3, together with the bid submission requirements, are set out in Sections 1 and 2 of the Procurement Document.

IV. Please note that confirmation of the bid security through a Sri Lankan bank approved by the Central Bank of Sri Lanka may take approximately three (3) to four (4) working days. Furthermore, authentication of the Power of Attorney by the relevant Sri Lankan mission in the bidder's country of incorporation will also require additional time. Bidders are therefore advised to make the necessary arrangements well in advance to ensure timely submission of their bids.

For further information, please contact the Procurement Manager, Lanka Coal Company (Private) Limited, at Tel: +94 11 2824681/2 or +94 77 7875219, Fax: +94 11 2824689, or Email: sujantha.pm@lankacoal.lk.

*On behalf of the Standing High Level Procurement Committee, Ministry of Energy*

Namal Hewage
General Manager
Lanka Coal Company (Pvt) Ltd

(79)

LANKA COAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

Eng. D.M.R.K.B. Gunarathna
DGM (Mahaweli Complex)-CEB
Chairman / BEC

15.09.2025

**Summary for Invitation, Participation and Responds of Registered Suppliers to Term Tender LCC/25/TT/1**

| No. | Supplier Name | Invited / Bid issuing Supplier | Supplier who Acknowledge the Receipt of Bid Invitation | Original Pro. Doc couriered | Per – Bid Meeting | Document Submitted Suppliers |
|---|---|---|---|---|---|---|
| 1. | Aditya Birla Global Trading (Singapore) Pte Ltd | ✓ | ✓ | Yes | ✓ | ✓ |
| 2. | Adani Global Pte Ltd | ✓ | ✓ | Yes | ✓ | |
| 3. | PT. Fawad Trading and Construction | ✓ | ✓ | Yes | ✓ | ✓ |
| 4. | Taranjot Resources (Pvt) Ltd | ✓ | ✓ | Yes | ✓ | ✓ |
| 5. | 2Rivers Pte. Ltd | ✓ | ✓ | -* | ✓ | |
| 6. | Visa Resources Pte Ltd | ✓ | ✓ | Yes | ✓ | ✓ |
| 7. | Iman Resources FZ LCC | ✓ | ✓ | Yes | | |
| 8. | PT.Bara Daya Energi | ✓ | ✓ | Yes | | |
| 9. | JSW International Tradecorp Pte Ltd | ✓ | ✓ | Yes | | |
| 10. | Plantcor Mining and Plant Hire (Pty) Ltd | ✓ | ✓ | Yes | | |
| 11. | Equentia Natural Resources Pte. Ltd | ✓ | ✓ | -* | ✓ | ✓ |
| 12. | PT. Lestari Usaha Sukses | ✓ | ✓ | Yes | | |
| 13. | PT. Sumber Global Energy Tbk | ✓ | ✓ | Yes | ✓ | |
| 14. | Mohit Minerals Limited | ✓ | ✓ | Yes | | ✓ |
| 15. | PT. Tiga Lentera Adhya | ✓ | ✓ | Yes | ✓ | |
| 16. | Vitol Asia Pte Ltd | ✓ | ✓ | Yes | ✓ | |
| 17. | PT. Dharma Barokah Nusantara | ✓ | ✓ | Yes | | |
| 18. | Saii Resources Pte Ltd | ✓ | ✓ | Yes | | |
| 19. | Agarwal Coal Corporation (S) Pte. Ltd | ✓ | ✓ | Yes | ✓ | ✓ |
| 20. | PT.Mitra Borneo Selars | ✓ | ✓ | -* | ✓ | ✓ |
| 21. | Huakun Global Metal Resources Co Limited | ✓ | ✓ | Yes | | |
| 22. | A2A Trading FZE | ✓ | ✓ | Yes | ✓ | ✓ |
| 23. | Panacape Trading DMCC | ✓ | ✓ | Yes | | |
| 24. | Perseverance DMCC | ✓ | ✓ | -* | ✓ | |
| 25. | Trident Chemphar Limited | ✓ | ✓ | Yes | ✓ | ✓ |
| 26. | Potencia L.L.C - FZ | ✓ | ✓ | -* | ✓ | ✓ |
| | Total | 26 | 26 | 26 | 16 | 11 |

-* = Original Procurement Document collected by physically.

Thanking You,

Yours faithfully
LANKA COAL COMPANY PVT LTD

General Manager
Namal Hewage

2025-03-18
Published on LCC Web

LANKA COAL
COMPANY(PVT)LTD

# Invitation to Supply of 1,500,000 ±10% Metric Tons of Coal from LCC's Registered Coal Suppliers
# TENDER NO. LCC/25/TT/1

The Chairman, **Standing High Level Procurement Committee (SHLPC)**, on behalf of the Lanka Coal Company (Pvt) Ltd, hereby invites **sealed bids** from **LCC-Registered Coal Suppliers** for the following:

**Supply of 1,500,000 ±10% Metric Tons of Coal**
For the period: **December 2025 to April 2026**

## BID SUBMISSION & OPENING:

- **Deadline for Submission**: 10:00 AM, **8th September 2025**
- **Bid Opening**: Immediately thereafter at:
  **Lanka Coal Company Office**
  No. 51/3, Suranimala Place, Off Dutugemunu Street,
  Kohuwala, Dehiwala, Sri Lanka

## IMPORTANT NOTES:

- The **Procurement Document** has been **emailed** to all registered suppliers **for reference only**.
- The **original document**, required for bid submission, will be:
  - **Couriered** to registered addresses on **20th August 2025**, or
  - **Available for collection** at LCC by an authorized representative (**prior notice required**).
- A **Pre-Bid Meeting** will be held at **2:00 PM on 25th August 2025** at the LCC Office.
- Submission requirements are detailed in Sections 1 and 2 of the Procurement Document (**Clause 2.10.3**).

## BIDDERS ARE STRONGLY ADVISED TO:

- Arrange **Bid Security** confirmation via a Sri Lankan bank (**3–4 working days** required).
- Complete **Power of Attorney authentication** through the relevant **Sri Lankan diplomatic mission**.

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CONTACT FOR INQUIRIES:
**Procurement Manager**
Lanka Coal Company (Private) Limited
Tel: +94 11 2824681/2
Mobile: +94 77 7875219
Fax: +94 11 2824689
Email: **sujantha.pm@lankacoal.lk**


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| Minutes of the Standing High Level Procurement Committee (SHLPC) Meeting held at Ministry of Energy | | | |
|---|---|---|---|
| Name of the Procurement Committee | SHLPC | Name of the Procurement Entity | Lanka Coal Company Pvt Ltd (LCC) |
| Procurement of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026 - LCC/25/TT/1 | | | |

| Meeting No: | 04 | Date | 02.09.2025 | Purpose | To consider the BEC report dated 26.08.2025 |
|---|---|---|---|---|---|

**Members Present**

| SHLPC Members | | BEC Members | |
|---|---|---|---|
| **Mr. K R Uduwawala,** Secretary, Ministry of Environment | - Chairman | Eng. D.M.R.K.B. Gunarathna, DGM (Mahaweli Complex), CEB | - Chairman |
| **Prof. K T M Udayanga Hemapala,** Secretary, Ministry of Energy. | - Member | Mr. T P Kodituwakku Director(Technical), MoE | - Member |
| **Mrs. W A Dilrukshini,** Assistant Governor, Central Bank of Sri Lanka. | - Member | Eng. P.W Bamunusinghe PPM (Lakvijaya PS), CEB (Virtually) | - Member |
| **Mr. A D L G Kalansuriya** Addl.Director General, Dept. of State Accounts | - Member | Mr. W A K D Premathilake Addl. Finance Manager, CEB | - Member |
| **Eng. (Mr.) W Edussuriya** Act.General Manager, Ceylon Electricity Board. | - Member | Mr. A B M T Abeykoon DPM (Commercial & Monitering), CEB (Virtually) | - Member |
| | | Mr. B.A. Ajith Kumara, Finance Manager, LCC | - Member |
| | | Mr. Saman Herath, Acct. Officer/ Actg.Accountant, LCC | - Member |
| | | Mr. H Saman De Silva Actg.Manager(Catering & Agency), CSCL | - Member |
| | | **PE Representative** Mr. Sujantha Rathnayake Procurement Manager, LCC | |

**Document Circulated:** BEC report No.03 LCC/25/TT/1 dated 26.08.2025
Hon. AG letter No. E/307/2025 dated 20.08.2025

**1. Background:**

1.1 As per the Cabinet Decision No. 25/1188/825/066 dated 21.07.2025, approval of the Cabinet of Ministers has been granted to procure 2.32 million MT ± 10% of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026. Also Cabinet approval was granted to go for emergency procurement in an any case that arises emergency situation that disrupts the supply of coal, as per the procurement guidelines 2024

1.2 As per the same Cabinet Decision No. 25/1188/825/066 dated 21.07.2025, BEC and SHLPC were appointed by the Department of Public Finance on 28.07.2025 for the Procurement of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026. Accordingly, the BEC report 02 including the draft bidding document was received on 12.08.2025.

1.3 Details of the Procurement is given below

| | |
|---|---|
| Recommended Bid Security | USD 2,000,000 |
| Bid Validity period | 90 days |
| Bid Security Validity period | 120 days |

| | |
|---|---|
| Bidding procedure | Single Stage Single Envelop |
| Source of funds | CEB |

1.4 Reduce the bidding period of the aforementioned procurement from 42 days to 21 days, as per the directions given by the letter of National Procurement Commission no. NPC/PP/01/CD-31/2025 dated 14.08.2025.

1.5 SHLPC, approved the Bidding document submitted with the BEC report dated 12.08.2025 and call for bids from the registered coal suppliers with LCC. Further, to obtain the legal advice of the Hon. Attorney General for sub clause 3.19.1 ("no assignments") under clause 3.19, within 01 week before the pre bid meeting.

1.6 Bids were invited on 18.08.2025 and agreed with the time schedule recommended by the BEC.

1.7 Hon. AG has given the legal opinion by the letter dated 20.08.2025 with regard to the sub clause 3.19.1 ("no assignments") under clause 3.19. Same was informed to LCC.

**2. Current situation**

2.1 BEC reported that, Four (4) Bidders have requested that the bid submission date to be extended due to insufficient/ impracticable time given for obtaining bid security and authentication of the Power of Attorney by the relevant foreign mission of their countries.

2.2 The BEC observed that consideration of the following 04 amendments is justifiable to create greater competitiveness.

(i) Clause:2.1 SECTION 02 PART II - BID DATA SHEET

| | | | |
|---|---|---|---|
| *5* | *2.10.7* | *Period of Validity of Bid Security* | *Up to 6th January 2026* |
| *6* | *2.10.8* | *Period of Validity of Bid* | *Up to 7th December 2025* |
| *8* | *2.11.2* | *Deadline for Bid Submission*<br><br>*Place at which Bids will be received.* | *10.00 A.M. (Sri Lanka Standard Time) 08/09/2025,*<br>*At the address mentioned in Item 1 above.* |

Above Should be amended and ready as below

| | | | |
|---|---|---|---|
| 5 | 2.10.7 | Period of Validity of Bid Security | Up to 13th January 2026 |
| 6 | 2.10.8 | Period of Validity of Bid | Up to 14th December 2025 |
| 8 | 2.11.2 | Deadline for Bid Submission<br><br>Place at which Bids will be received | 10.00 A.M. (Sri Lanka Standard Time) 15th September 2025,<br>At the address mentioned in Item 1 above. |

(ii) Clause: 2.7 DELIVERY SCHEDULE – d) *Vessels Arrival Schedule at Puttalam Anchorage for the contract period 2025-2026 as below.*

*Vessel Arrival schedule for Supply of Coal for Season 2025-2026*

| ***Month*** | ***Estimated No of Shipments to be reached at Puttalam Anchorage*** |
|---|---|
| | ***2025*** |
| *September* | - |
| *October* | - |
| *November* | - |
| *December* | *03* |
| ***Sub Total*** | ***03*** |
| | ***2026*** |
| *January* | *06* |
| *February* | *06* |
| *March* | *06* |
| *April* | *04* |
| ***Sub Total*** | ***22*** |
| ***Total*** | ***25*** |

Above Schedule be amended and read as below:

Vessel Arrival schedule for Supply of Coal for Season 2025-2026

| Month | Estimated No of Shipments to be reached at Puttalam Anchorage |
|---|---|
| **2025** | |
| September | - |
| October | - |
| November | - |
| December | 02 |
| **Sub Total** | **02** |
| **2026** | |
| January | 06 |
| February | 06 |
| March | 06 |
| April | 05 |
| **Sub Total** | **23** |
| **Total** | **25** |

(iii) **SECTION- 06- ANNEXURE – 07 COAL SUPPLIER'S CERTIFICATION COMPLIANCE WITH COAL SPECIFICATIONS**

*Note: This certification must be duly authenticated by the Chamber of Commerce or a similar recognized authority in the port-of-supply region of the country*

**Above should be amended and read as below:**

Note: This certification must be duly authenticated by the Chamber of Commerce or a similar recognized authority in the port-of-supply region of the country. **The succeeded supplier shall be required to provide the relevant authentications prior to the signing of the contract.**

(iv) **SECTION – 5 - Clause 5.8.1.6. Laytime Exceptions Due to Bad Weather Conditions**

In the event Vessel's discharging is interrupted due to bad weather (including typhoon, strong wind, raining, high wave, high sea swell, underwater current etc.), any time lost shall not count as laytime.

Bad weather records mentioned in the SOF of senior vessel/vessels (including typhoon, strong wind, raining, high wave, high sea swell, underwater current etc.), is not counted as laytime or time on demurrage for ongoing and waiting vessel/vessels.

In the event, different coal supplier provide vessels above bad weather and crane breakdown clauses are applicable to the relevant laytime calculation.

**Above Should be amended and read as below:**

In the event vessel's discharging is interrupted due to bad weather (typhoon, strong wind, rain, high waves, high sea swell, underwater current, etc.), any time lost shall not count as laytime **unless the vessel is already on demurrage**.

Bad weather records in the SOF of senior vessel/vessels shall not count as laytime or time on demurrage for ongoing/waiting vessels.

In the event, different coal supplier provide vessels above bad weather and crane breakdown clauses are applicable to the relevant laytime calculation.

**3. Recommendations of BEC**

3.1 BEC recommends that, amending the following clauses of the Procurement Document LCC/25/TT/1, in accordance with sections 2.1, 2.2, 2.3, and 2.5, as detailed in Addendum No. 01

(i) PART II - BID DATA SHEET, items 5, 6 and 8, extending the bid closing date from one more weeks' time from 8th September 2025

(ii) Revise Clause 2.7 – Delivery Schedule to reflect:
- December: Number of shipments to be updated to 2
- April: Number of shipments to be updated to 5

(iii) Amend Annexure 07 – Coal Supplier's Certification of Compliance with Coal Specifications. The note shall now read: "The succeeded supplier shall be required to provide the relevant authentications prior to the signing of the contract."

(iv) 5.8.1.6. Laytime Exceptions Due to Bad Weather Conditions – to add *"unless the vessel is already on demurrage"* phrase to end of the first paragraph and remove *(including typhoon, strong wind, raining, high wave, high sea swell, underwater current etc.)* this within brackets part from the second paragraph.

**4. SHLPC Decision**

**Perusing the above, SHLPC decided;**

**(i) To extend the bidding period of this procurement by one (01) week from 08.09.2025. Bid opening will be held on 15.09.2025.**

**(ii) To issue the Addendum No. 01 including the recommendations of the BEC report dated 26.08.2025, which is also mentioned under 3. above.**

**(iii) To adopt the below mentioned procurement time schedule**

| Description | Scheduled date |
|---|---|
| Pre bid meeting to bid closing | 15.09.2025 |
| Bid evaluation & recommendation by BEC and SHLPC approvals | 22.09.2025 |
| Communication to all bidders on the intention of awarding of contract & debriefing & appeal | 29.09.2025 – 13.10.2025 |
| Freight to be matched by CSC | 17.10.2025 |
| Submission of memorandum to Cabinet and to get Cabinet approval for the same | 21.10.2025 |
| Approval of Cabinet | 06.11.2025 |
| Awarding of contract | 07.11.2025 |
| Performance security | 21.11.2025 |
| Discharging port ETA | 23.12.2025 |

**(iv) To grant concurrence for Bid Opening Committee appointed by the Lanka Coal Company (Pvt) Ltd. By the letter no. LCC/PD/Committee Appointments dated 01.09.2025**

| Name | Capacity | Agree with the Above Decisions (Yes/No) | Signature |
|---|---|---|---|
| Mr. K R Uduwawala | Chairman | Yes | |
| Prof. K T M Udayanga Hemapala | Member | yes | |
| Mrs. W A Dilrukshini | Member | Yes | |
| Mr. A D L G Kalansuriya | Member | Yes | |
| Eng. (Mr.) W Edussuriya | Member | Yes | |

| Minutes of the Standing High Level Procurement Committee (SHLPC) Meeting held at Ministry of Energy | | | |
|---|---|---|---|
| Name of the Procurement Committee | SHLPC | Name of the Procurement Entity | Lanka Coal Company Pvt Ltd (LCC) |
| **Procurement of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026 - LCC/25/TT/1** | | | |

| Meeting No: | 03 | Date | 15.08.2025 | Purpose | To approve Draft Bidding Document |
|---|---|---|---|---|---|

**Members Present**

**SHLPC Members**

**Mr. K R Uduwawala,** - Chairman
Secretary, Ministry of Environment
(Virtually)

**Prof. K T M Udayanga Hemapala,** - Member
Secretary, Ministry of Energy.
(Virtually)

**Mrs. W A Dilrukshini,** - Member
Assistant Governor, Central Bank of Sri Lanka.
(Virtually)

**Mr. A D L G Kalansuriya** - Member
Addl.Director General, Dept. of State Accounts
(Virtually)

**Eng. (Mr.) W Edussuriya** - Member
Act.General Manager, Ceylon Electricity Board.
(Virtually)

**BEC Members**

Eng. D.M.R.K.B. Gunarathna, - Chairman
DGM (Mahaweli Complex), CEB
(Virtually)

Mr. W A K D Premathilake - Member
Addl. Finance Manager, CEB
(Virtually)

Mr. A B M T Abeykoon - Member
DPM (Commercial & Monitering), CEB
(Virtually)

Mr. B.A. Ajith Kumara, Finance Manager - Member
LCC
(Virtually)

Mr. Saman Herath, - Member
Acct. Officer/ Actg.Accountant, LCC
(Virtually)

**PE Representative**

Mr. Namal Hewage
General Manager, LCC (Virtually)

Mr. Sujantha Rathnayake
Procurement Manager, LCC (Virtually)

**Document Circulated:** BEC report No.02 LCC/25/TT/1 dated 12.08.2025
NPC letter No. NPC/PP/01/CD-31/2025 dated 14.08.2025

**1. Background:**

As per the Cabinet Decision No. 25/1188/825/066 dated 21.07.2025, approval of the Cabinet of Ministers has been granted to procure 2.32 million MT ± 10% of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026. Also Cabinet approval was granted to go for emergency procurement in an any case that arises emergency situation that disrupts the supply of coal, as per the procurement guidelines 2024

As per the same Cabinet Decision No. 25/1188/825/066 dated 21.07.2025, BEC and SHLPC were appointed by the Department of Public Finance on 28.07.2025 for the Procurement of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026. Accordingly, the BEC report 02 including the draft bidding document was received on 12.08.2025.

(84)

**2 Current situation:**

2.1 As per the request of LCC, Ministry wrote to the NPC to get their concurrence for the reduction of the bidding period from 42 days to 21 days and as per the BEC report dated 05.08.2025 SHLPC decided the following,

(i) If the NPC grants the approval for the reduction of bidding period from 42 days to 21 days, then to proceed with the term tender process.

(ii) In any case, the approval of the NPC is not granted for above 5. (i), then to procure 300,000 MT +/-10% under the emergency procurement method as per the Cabinet decision No. 25/1188/825/066 dated 21.07.2025 and procure the balance quantity of coal through the term tender process.

2.2 NPC has granted the approval by their letter dated 14.08.2025 and it is considered at this meeting.

2.3 Also, the BEC report 02 including the draft bidding document was received on 12.08.2025 and it is also tabled to take a decision.

2.4 Details of the Procurement is given below

| | |
|---|---|
| Recommended Bid Security | USD 2,000,000 |
| Bid Validity period | 90 days |
| Bid Security Validity period | 120 days |
| Bidding procedure | Single Stage Single Envelop |
| Source of funds | CEB |

**3 Observations of the BEC**

3.1 BEC reported that, the procuring entity Lanka Coal Company (private) Limited (LCC) forwarded a preliminary draft of the procurement document and BEC made the following key amendments to the preliminary draft procurement document submitted by the LCC:

(i) Quantity and Shipments – The quantity of coal to be procured under the term tender was set at 1.5 million MT ±10%, requiring a minimum of 25 shipments during the 2025–2026 season.

(ii) Bidding Period Reduction – As the non-monsoonal period does not provide sufficient days to accommoc 25 shipments under the standard of NPC bidding period of 42 days, the bidding period was reduced to 21 days, subject to NPC concurrence and Cabinet approval, to ensure uninterrupted coal supply for 2025–2026 through a single term tender.

(iii) No Assignment Clause – Sub-clause 3.19.1 ("No Assignment") under clause 3.19 ("Assignment") was amended subject to the legal advice from the Attorney General's Department.

(iv) Buyer's Accredited Independent Surveyor Appointment for Load Port –A new paragraph was added to Clause 3.5.1. B. to formally authorize the appointment of a Buyer's Independent Surveyor at the Port of Loading on a random basis. When necessary, the testing of a second sample at the load port shall be conducted by the accredited independent surveyor appointed by the buyer, and the seller shall provide the necessary support to facilitate this process.

(v) Sticky and Jammed Cargo Issues During Cold-Weather Loading – A new paragraph was included to Clause 3.4.3.(c) address operational difficulties experienced in the previous season due to sticky and jammed cargo loading in sub-zero temperatures.

(vi) New paragraph for Quantification of Excess Moisture During Unloading Due to Sticky and Jammed Cargo – A new paragraph was added to clause 3.4.3 (d), specify the method for quantifying bilge water collected during unloading at the discharge port, based on the initial draft survey conducted before unloading and the

final draft survey completed after unloading, if deemed necessary. Accordingly, the measured quantity of bilge water (in metric tons) shall be deducted from the draft-surveyed coal quantity.

(vii) Further, Demurrage Prevention – Additional conditions were incorporated to further minimize the risk of demurrage at the discharge port, taking into account past experiences during various geopolitical events and periods of economic downturn in the country.

(viii) Debriefing Clause – A new clause on "Debriefing" was introduced as clause 2.13.6.

(ix) Security Deposits – Bidders are now permitted to submit bid security and performance security by depositing the required amounts into LCC's bank account, in either USD or LKR, as an alternative to providing a bank guarantee.

(x) Payment Options – Payment shall be made either by telegraphic transfer or through an irrevocable, unconfirmed Documentary Letter of Credit (either at sight or with 90 days' Usance), which will be opened exclusively through the Bank of Ceylon, Sri Lanka
Both CFR (at-sight LC) and 90-day credit (Usance LC) facilities were included as acceptable payment methods in the Price Proposal provided in Annexure 5.

(xi) Credit Facility Evaluation – CFR prices on a Sight L/C basis and 90-day Usance L/C credit facility basis per metric ton (MT) will be considered for financial evaluation. Offers will be evaluated separately based on the Sight L/C price and the 90-day credit price, and the most economically advantageous offer under the above two pricing options will be selected. Then the price of the lowest price supplier will be matched against the existing credit facility provided by the Bank of Ceylon, to determine the most advantageous option for the CEB

(xii) Freight Payment Adjustment – A provision was introduced under Clause 5.4.2 to allow payment adjustments for the freight component (78%) based on Clarkson's Shipping Intelligence, in addition to the existing 22% adjustment component for bunker fuel.

(xiii) New Procurement Forms - The following forms were added:
- Coal Supplier's Certification confirming compliance with the coal specifications in clauses 5.1 and 5.2 of Section 5 of the Procurement Documents.
- Non-Collusion Affidavit.
- Draft Notification of Award

**4. Recommendations of BEC**

Based on the observations outlined above, it is recommended to,

a. The draft Procurement Document, bearing reference LCC/25/TT/1, represents the final version to be used for procuring the coal requirement for the 2025–2026 season.

b. To authorize the Chairman of LCC to invite bids from coal suppliers registered with LCC prior to the bid invitation date, provided that their inclusion in the pre-qualified list has already been approved by the SHLPC.

**5. Matters discussed**

5.1 SHLPC noted the below mentioned decision of NPC regarding the reducing of the bidding period from 42 days to 21 days.

5.2 Thus, SHLPC decided that it is appropriate to reduce the bidding period from 42 days to 21 days in order to receive the coal supply within required time period and to maintain a uninterrupted coal supply for LVPP

5.3 SHLPC noted the above 3.1 which the amendments made for the draft bidding documents and noted that it is appropriate to obtain the legal advice of the Hon. Attorney General for sub clause 3.19.1 ("no assignments") under clause 3.19, within 01 week before the pre bid meeting and made necessary amendments of the said clause accordingly.

5.4 In the Cabinet decision dated 21.07.2028, it is mentioned " to provide opportunity to the bidders to submit quotations for coal in both Fee on Board (FOB) and Cost Insurance Freight (CIF) methods.....". LCC mentioned that Coal suppliers' responsibility is to transport coal from load port to jetty of the Plant and Ceylon Shipping Corporation is responsible for the transportation of coal from jetty to anchorage. Therefore, LCC mentioned that a separate procurement will be called for the insurance for the assurance of the transportation of coal from load port to anchorage and then instead of Cost Insurance Freight (CIF), only Cost Freight (CFR) method will be used.

5.5 SHLPC mentioned that the said amendment form CIF to CFR should be noted to the Cabinet and it would be mentioned in the Cabinet Memorandum to be submitted at the final awarding.

5.6 LCC mentioned that initially Cabinet approval is for 2.32 ±million MT, but currently the actual requirement is 1.5 million MT± as 10± of the existing contract is already approved. SHLPC mentioned it is appropriate to note this change also for the Cabinet of Ministers.

5.7 LCC mentioned that recently approved coal suppliers are still in the process of registering by making payment of USD 5000. SHLPC informed the LCC to inform them that any coal supplier will not be eligible for bidding without being registered by paying USD 5000 before the submission of the bid.

**6. SHLPC Decision**

**Perusing the above, SHLPC decided;**

**(i) To reduce the bidding period of the aforementioned procurement from 42 days to 21 days, as per the directions given by the letter of National Procurement Commission no. NPC/PP/01/CD-31/2025 dated 14.08.2025.**

**(ii) To approve the Bidding document submitted with the BEC report dated 12.08.2025 and call for bids from the registered coal suppliers with LCC. Further, to obtain the legal advice of the Hon. Attorney General for sub clause 3.19.1 ("no assignments") under clause 3.19, within 01 week before the pre bid meeting.**

**(iii) To adopt the below mentioned procurement time schedule**

| Description | Scheduled date |
|---|---|
| BEC report 2 – recommendation for the procurement documents submitted | 12.08.2025 |
| SHLPC approval for the procurement document | 15.08.2025 |
| Invitation of Bids (Bidding period 21 days) | 18.08.2025 |
| Pre bid meeting | 25.08.2025 |
| Pre bid meeting to bid closing | 08.09.2025 |
| Bid evaluation & recommendation by BEC and SHLPC approvals | 15.09.2025 |

| | |
|---|---|
| Communication to all bidders on the intention of awarding of contract & debriefing & appeal | 22.09.2025 – 06.10.2025 |
| Freight to be matched by CSC | 10.10.2025 |
| Submission of memorandum to Cabinet and to get Cabinet approval for the same | 13.10.2025 |
| Approval of Cabinet | 30.10.2025 |
| Awarding of contract | 31.10.2025 |
| Performance security | 14.11.2025 |
| Discharging port ETA | 18.12.2025 |

| Name | Capacity | Agree with the Above Decisions (Yes/No) | Signature |
|---|---|---|---|
| Mr. K R Uduwawala | Chairman | yes | |
| Prof. K T M Udayanga Hemapala | Member | yes | |
| Mrs. W A Dilrukshini | Member | yes | |
| Mr. A D L G Kalansuriya | Member | yes | |
| Eng. (Mr.) W Edussuriya | Member | Yes | |

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# Trident Chemphar Ltd.

RECEIVED
17 SEP 2025
TENDER BRANCH

Date- 17-09-2025

To
The Chairman,
Standing High Level Procurement Committee (SHLPC),
C/o Lanka Coal Company (Private) Limited,
51/3, Suranimala Place, Off-Dutugemunu Street,
Kohuwala/Dehiwala,
Sri Lanka.

**Subject:** Bidder Clarification on Technical and commercial Proposal

REFERENCE: CLAUSE 2.10.3 (v) of Section 2
TENDER NO : LCC/25/TT/1
Our Bid submitted on 15th September 2025
Dear Sir,

With reference to Tender No. LCC/25/TT/1 and to the Meeting conducted by the SHPLC on 17th September 2025 07:30 AM for the supply of coal to the Lakvijaya Power Plant, We at Trident Chemphar Limited wish to respectfully submit the following clarification for the Committee's consideration.

a) At the time of Bid submission, we have accepted the terms from clause **5.7 (General Shipping Terms), 5.8. (SHIPPING TERMS ON CFR BASIS UP TO THE DISCHARGING ANCHORAGE), 5.9 (SHIPPING TERMS ON FOB Trimmed BASIS)** signing by the Authorised signatory as per the tender conditions.
b) At the time of acceptance we have agreed to the vessel schedule requirement of **one vessel in 4-5 days** to complete the supply in agreed upon period.
c) As the same were already accepted, due to typing error the load rate mentioned in **Annexure 04 – Technical and commercial Proposal as mentioned as 9000 Guaranteed Loading Rate (MT/WWD of 24 consecutive Hours / SHINC) for Ships crane and 18000 Guaranteed Loading Rate (MT/WWD of 24 consecutive Hours / SHINC) for Shore Crane should be disregarding.**
d) As our Main Load Port RBCT has well defined shipping regulations (RBCT Guidelines) and load rate as per Shipping Regulations accepted by the **RBCT Operations Committee on 24 November 2020 and approved by the RBCT Board of Directors on 26 November 2020**. (Annexure Attached) we will adhere to the RBCT shipping regulations load rate as mentioned in **clause 8.3** of that document. In addition, all the other clauses and terms of RBCT shipping regulations will be followed.
e) With reference to alternate Ports mentioned in Annexure 04- Technical and commercial proposal we also commit that the required load rate of **minimum 10,000 (MT/WWD of 24 consecutive Hours / SHINC)** will be maintained to fulfil the schedule as required by LCC in its tender.

TRIDENT CHEMPHAR LIMITED HYD

Trident Chemphar Ltd.

With reference to above mentioned points. We acknowledge and accept all the requirements of LCC as mentioned in your tender **LCC/25/TT/1** thus the load rates mentioned in Annexure 4 submitted with our bid on **15th of September** should not be applicable and agreed upon Load Rates in this letter to be final.

Yours faithfully,

For Trident Chemphar Limited

TRIDENT CHEMPHAR LIMITED HYD.

Authorised Signatory
Name – Sanjay Dutta
Title- Director
Passport Number – Z6904136

RECEIVED
18 SEP 2025
TENDER BRANCH



My No. LCC/25/TT/1

17/09/2025

Chairman,
Standing High Level Procurement Committee (SHLPC)
Ministry of Energy

**Procurement for 1.5 million MT ±10% of Coal for Lakvijaya Power Plant, Puttalam – Season: December 2025 – May 2026.**
**Term Tender - No: LCC/25/TT/1**

**BEC REPORT NO: 05**
**Submission of Bid Evaluation Report as Advised by SHPLC Based on the Meeting Held on 17th September 2025**

## 1. PRESENT STATUS

Based on the SHPLC meeting minutes dated 17/09/2025 ***(Annexure – 01)*** and the clarification letter submitted by Trident Chemphar Limited ***(Annexure – 02)***, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India, the Bid Evaluation Committee (BEC) subsequently convened a meeting on the same day to finalize the bid evaluation process. Accordingly, the final bid evaluation was completed from the point it was stopped on 15th Sep,2025 due to the issue for which above mentioned clarification was obtained for the bid submitted by Trident Chemphar Limited .

The following is reiterated from the evaluation presented in BEC Report No. 04.

***"Quote***

***3.2 Financial Evaluation***

*Quoted prices of the Responsive Bidders with their rankings based on CFR prices are given below.*

***Table 01- At Sight CFR Price USD/MT***

| *Bidder No* | *Bidder* | *Coal FOB Trimmed Price USD/MT* | *Freight USD/MT* | *CFR Price USD/MT* |
|---|---|---|---|---|
| 2. | EQUENTIA NATURAL RESOURCES PTE. LTD | 100.96 | 14.00 | 114.96 |
| 3. | TRIDENT CHEMPHAR LIMITED | 83.50 | 15.00 | 98.50 |
| 5. | ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 91.61 | 13.00 | 104.61 |
| 6. | MOHIT MINERALS LIMITED | 101.00 | 20.26 | 121.26 |
| 7. | A2A TRADING FZE | 90.50 | 14.00 | 104.50 |
| 10. | POTENCIA L.L.C – FZ | 76.00 | 24.00 | 100.00 |

*Table 02- 90 Days Credit Price USD/MT*

| Bidder No | Bidder | Coal FOB Trimmed Price USD/MT | Freight USD/MT | CFR Price USD/MT | Present Value of Credit Price- Discounted at 1.024 (CFR) |
|---|---|---|---|---|---|
| 5. | ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 92.48 | 13.00 | 105.48 | 103.008 |
| 7. | A2A TRADING FZE | 92.30 | 14.00 | 106.30 | 103.809 |

*Table 03- Summary of Financial Evaluation*

| Bidder | CFR Price USD/MT In Ranking Order | Sight/Credit | In order of Rank |
|---|---|---|---|
| TRIDENT CHEMPHAR LIMITED | 98.500 | Sight | 1 |
| POTENCIA L.L.C – FZ | 100.000 | Sight | 2 |
| ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 103.008 | Credit | 3 |
| A2A TRADING FZE | 103.809 | Credit | 4 |
| A2A TRADING FZE | 104.500 | Sight | 5 |
| ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 104.610 | Sight | 6 |
| EQUENTIA NATURAL RESOURCES PTE. LTD | 114.960 | Sight | 7 |
| MOHIT MINERALS LIMITED | 121.260 | Sight | 8 |

*As per the Clause 2.12.3 of the Procurement Document – "Evaluation of Bids," BEC evaluated the prices quoted by the Bidders to determine the lowest evaluated responsive Bidder and the details are shown in the above* ***Table 03- Summary of Financial Evaluation.***

*Therefore, the* ***substantially responsive lowest evaluated Bidder*** *is TRIDENT CHEMPHAR LIMITED, and the bidder has offered following prices.*

***Table 04:***

| Item | USD/MT |
|---|---|
| FOB Trimmed (RBCT) base price of Coal | 83.50 |
| Base Freight up to Puttalam Anchorage | 15.00 |
| **Total CFR price** | **98.50** |

***Unquote"***

## 2. CALCULATION OF THE COMPOSITE INDEX

BEC calculated the applicable composite index as per the clause 5.4.1 of the Procurement document. The relevant portion of the formula is given below

**"Price Adjustment Formula**

Monthly average indexes (FOB) for August 2025 published prior month to the bid closing Date of the **Argus/McCloskey's Coal Price Indices**, namely API4, {(ICI 1+ICI 2)/2} and {(Taman + Vostochny)/2} and the composite index calculation formula is as follows.

**Composite Index Formula (INDEX)**

$$\text{INDEX} = \frac{\text{API 4} + \{(\text{ICI 1} + \text{ICI 2})/2\} + \{(\text{Taman} + \text{Vostochny})/2\}}{3}$$

BEC calculated the composite index by refering the publication of Argus media documents and is given in below table 01. Since the bid was closed in month of September, month of **August** is considered as the month prior to the bid closing date.

**Table 01**

**Calculation of Composite Index for month of August 2025**

| | Index | August 2025 indices published on | USD/MT |
|---|---|---|---|
| 1 | **API 4**- FOB Richards Bay index (monthly average) for 6000 kcal/kg | 29/08/2025 | 89.55 |
| 2 | **ICI 1** - FOB Indonesian Index (Monthly average for 6500 kcal/kg **(USD/MT 99.96)** | 29/08/2025 | {(99.96+ 75.41)/2} = 87.685 |
| | **ICI 2** - FOB Indonesian Index Monthly average for 5800 kcal/kg **(USD/MT 75.41)** | 29/08/2025 | |
| 3. | **Taman**- Index monthly average for 6000 kcal/kg **(USD/MT 69.37)**<br><br>**Vostochny**- Index monthly average for 6000 kcal/kg **(USD/MT 81.80)**<br><br>(Monthly average has been calculated by considering weekly average reports)<br><br>NOTE: Since these indexes are issued on a weekly basis, the monthly average has been calculated accordingly. | 01/08/2025<br>08/08/2025<br>15/08/2025<br>22/08/2025<br>29/08/2025 | (69.37+81.80)/2<br>=75.585 |
| **Composite index for month of August 2025** | | | **84.27** |

Above Argus indices reports are attached in *Annexure 03*

**Calculation of Multiplication Factor (MF)**

BEC calculated the MF applicable for the bid of **Trident Chemphar Limited** is given below.

Multiplication Factor =

$$\frac{\text{Offered Base Price (USD/MT)}}{\text{Composite Index for the Previous Month (August)}}$$

Example Calculation:

$$\frac{83.50}{84.27} = 0.990 \quad \text{(rounded to the 3rd decimal place)}$$

(96)

## 3. RECOMMENDATION

**3.1.** The Bid Evaluation Committee (BEC) recommends awarding the contract for the supply of 1.5 million MT ±10% of coal to the Lakvijaya Power Plant for the period from December 2025 to May 2026 to Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India.

**Trident Chemphar Limited** has submitted the lowest evaluated substantially responsive bid at a CFR (Puttalam) base price (at sight) of **USD 98.50 per MT**, comprising:

- Base FOB (RBCT) Price (at sight): USD 83.50
- Base Freight Price (at sight): USD 15.00

The total cost of the procurement is estimated at **USD 147,750,000 ±10% (LKR 44.59 billion)**, as at the date of bid evaluation, excluding price adjustments and applicable taxes.

***Note: As of 15/09/2025, the indicative USD exchange rate declared by the Central Bank of Sri Lanka (CBSL) is LKR 301.8134.***

**3.2.** However, in the event that the Ceylon Shipping Corporation (CSC) matches the freight rate offered by the successful bidder, in accordance with Clause 2.13.4 of the Bid Document, the contract shall be awarded as follows:

To **Trident Chemphar Limited**, for the supply of coal on a FOB (RBCT, Trimmed) basis at a base price of **USD 83.50 per MT**, totaling **USD 125,250,000 for 1.5 million MT ±10%.**

To the Ceylon Shipping Corporation, for the freight component at a base freight rate of **USD 15.00 per MT**, totaling **USD 22,500,000**.

**3.3.** In the event that **Ceylon Shipping Corporation Ltd. is unable to match the base freight rate offered by Trident Chemphar Limited,** the contract shall be awarded in full to Trident Chemphar Limited at the base CFR (Puttalam) price of **USD 98.50 per MT.**

**3.4.** The BEC recommends that a **Multiplication Factor (MF) of 0.990** (up to the third decimal place) be applied to compute the index-adjusted FOB price throughout the contractual period, in accordance with **Clause 5.4.1** of the Procurement Document.

**3.5.** The **freight charges per MT** payable for the transportation of coal, whether to the successful bidder or to the **Ceylon Shipping Corporation** (as applicable), shall be adjusted in line with **Clause 5.4.2, "Freight Adjustments"**, of the Procurement Document.

**3.6.** The **FOB Trimmed price per MT** payable to the successful bidder shall be subject to further adjustments based on the applicable **Coal Quality Price Adjustments**, in accordance with **Clauses 5.5, and 5.6** of the Procurement Document.

**3.7.** All other charges related to this procurement, including, but not limited to, **banking fees**, **clearing charges**, and **transportation costs**, shall be paid as at actuals.

Additionally, all applicable **duties**, **VAT**, and **taxes** shall be paid in accordance with the **CUSDEC** and prevailing statutory regulations.

## 4. APPROVAL SOUGHT

Approval of SHLPC, Ministry of Energy is sought for the above BEC recommendations numbered 3.1 to 3.7.

| | BEC | Signature |
|---|---|---|
| 1 | Eng. D.M.R.K.B Gunarathna – Chairman<br>DGM (Mahaweli Complex)-CEB | |
| 2 | Eng. P.W. Bambunusinghe – Member<br>Power Plant Manager (Lakvijaya Power Plant) – CEB | |
| 3 | T.P. Kodituwakku – Member<br>Director (Technical) – Ministry of Energy | |
| 4 | Himali Bogodagedara – Member<br>Director –Department of External Resources | |
| 5 | W.A.K.D. Premathilake – Member<br>AFM (Generation) – CEB | |
| 6 | Eng. A.B.M.T. Abeykoon – Member<br>DPM (Commercial & Monitoring)-CEB | |
| 7 | B.A. Ajith Kumara – Member<br>Finance Manager-LCC | |
| 8 | Saman Herath – Member<br>Accounts officer/Actg. Accountant-LCC | |
| 9 | H. Saman De Silva – Member<br>Actg. Manager (Chartering & Agency)- CSC | |

**Annexures:**

**Annexures – 01**: SHLPC minutes dated 17/09/2025
**Annexures – 02**: Clarification letter received from Trident Chemphar Limited on 17/09/2025
**Annexures – 03**: Month of August 2025 coal price indices
**Annexures – 04**: BEC Report no 04 dated 15/09/2025

| Minutes of the Standing High Level Procurement Committee (SHLPC) Meeting held at Ministry of Energy | | | |
|---|---|---|---|
| Name of the Procurement Committee | SHLPC | Name of the Procurement Entity | Lanka Coal Company Pvt Ltd (LCC) |
| **Procurement of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026 - LCC/25/TT/1** | | | |

| Meeting No: | 06 | Date | 18.09.2025 | Purpose | To consider the BEC report dated 17.09.2025 |
|---|---|---|---|---|---|

**Members Present**

**SHLPC Members**

**Mr. K R Uduwawala,** - Chairman
Secretary, Ministry of Environment
(Virtually)

**Prof. K T M Udayanga Hemapala,** - Member
Secretary, Ministry of Energy.
(Virtually)

**Mrs. W A Dilrukshini,** - Member
Assistant Governor, Central Bank of Sri Lanka.
(Virtually)

**Mr. A D L G Kalansuriya** - Member
Addi. Director General, Dept. of State Accounts
(Virtually)

**Eng. (Mr.) W Edussuriya** - Member
Act.General Manager, Ceylon Electricity Board.
(Virtually)

**BEC Members**

Eng. D.M.R.K.B. Gunarathna, - Chairman
DGM (Mahaweli Complex), CEB
(Virtually)

Mr. T.P. Kodituwakku - Member
Director (Technical)

Eng. P W Bamunusinghe - Member
PPM (Lakvijaya PS), CEB
(Virtually)

Mr. A B M T Abeykoon - Member
DPM (Commercial & Monitering), CEB
(Virtually)

Mr. B.A. Ajith Kumara, - Member
Finance Manager, LCC
(Virtually)

Mr. Saman Herath, - Member
Acct. Officer/ Actg.Accountant, LCC
(Virtually)

Mr. H Saman De Silva - Member
Actg.Manager(Catering & Agency), CSCL
(Virtually)

**PE Representative**

Mr. Sujantha Rathnayake
Procurement Manager, LCC
(Virtually)

**Document Circulated:** BEC report No.05 LCC/25/TT/1 dated 17.09.2025

**1. Background:**

1.1 As per the Cabinet Decision No. 25/1188/825/066 dated 21.07.2025, approval of the Cabinet of Ministers has been granted to procure 2.32 million MT ± 10% of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026. Also Cabinet approval was granted to go for emergency procurement in an any case that arises emergency situation that disrupts the supply of coal, as per the procurement guidelines 2024

1.2 As per the same Cabinet Decision No. 25/1188/825/066 dated 21.07.2025, BEC and SHLPC were appointed by the Department of Public Finance on 28.07.2025 for the Procurement of coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025-2026. Accordingly, the BEC report 02 including the draft bidding document was received on 12.08.2025.

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1.3 Details of the Procurement is given below

| | |
|---|---|
| Recommended Bid Security | USD 2,000,000 |
| Bid Validity period | 90 days |
| Bid Security Validity period | 120 days |
| Bidding procedure | Single Stage Single Envelop |
| Source of funds | CEB |

1.4 Bidding period of the aforementioned procurement was reduced from 42 days to 21 days, as per the directions given by the letter of National Procurement Commission no. NPC/PP/01/CD-31/2025 dated 14.08.2025. SHLPC, approved the Bidding document submitted with the BEC report dated 12.08.2025 and call for bids from the registered coal suppliers with LCC. Further, to obtain the legal advice of the Hon. Attorney General for sub clause 3.19.1 ("no assignments") under clause 3.19, within 01 week before the pre bid meeting.

1.5 Bids were invited on 18.08.2025 and agreed with the time schedule recommended by the BEC. Hon. AG has given the legal opinion by the letter dated 20.08.2025 with regard to the sub clause 3.19.1 ("no assignments") under clause 3.19. Same was informed to LCC. Extended the Bidding period of this procurement by one (01) week from 08.09.2025 and issued the Addendum No.1.

1.6 Bid opening held on 15.09.2025. Bids had been closed at 10.00 a.m. on 15/09/2025 and immediately opened by the Bid opening committee in front of the representative of bidders. Eleven (11) Bidders have responded.

**2. Main observations made**

2.1 BEC reported that, Bids had been closed at 10.00 a.m. on 15/09/2025 and immediately opened by the Bid opening committee in front of the representative of bidders. Below mentioned Eleven (11) Bidders have responded.

1. TARANJOT RESOURCES (PVT) LTD, 602 – Rajhans Montessa, Dumas Road Magdalla Surat Gj 395007 India
2. EQUENTIA NATURAL RESOURCES PTE. LTD, 20 Peck Seah Street, #05-00, Singapore
3. TRIDENT CHEMPHAR LIMITED, Sy No. 66 & 67, Miyapur, Hyderabad, 500 050, Telangana
4. VISA RESOURCES PTE LTD, No.6 Shenton Way, #20-09 OUE Downtown 2, Singapore, 068809
5. ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD, No.65 Chulia Street, #48-05, OCBC Centre, Singapore, 049513.
6. MOHIT MINERALS LIMITEd., No.7/23, Kirti Nagar Industrial Area, Kirti Nagar, Delhi 110015
7. A2A TRADING FZE , 427 – 2 Tec ,03, The Offices 3 – One Central, Dubai World Trade Centre, Dubai
8. PT. FAWAD TRADING AND CONSTRUCTION, GD Pusat Perfilman Haji Usmar Ismail 2nd floor Ruang210 Jl. HR Rasuna Said Kav c.22, Kuningan Kel. Karet Kuningan, Kec. Setiabudi, Jakarta Seltan, 12940 Indonesia
9. PT. MITRA BORNEO SELARS, Sahid Sudirman Centre Lt. 11 Suite A, JL Jend. Sudirman 86, Kel. Karet Tengah,Kec.Tanah
10. POTENCIA L.L.C – FZ, Business Center 1, M Floor, The The Meydan Hotel, Nad Al Sheba, Dubai, U.A.E
11. AGARWAL COAL CORPORATION (S) PTE. LTD, 16 Jalan kilang Timor,#07-07 Redhill Forum, Singapore 159308

2.2 BEC reported that, Bidder No.4 –VISA RESOURCES PTE LTD has submitted a letter stating that "their inability to provide a bid in this occasion". Therefore, it was not taken into consideration for the evaluation process.

2. 3 Below mentioned Six (06) Bidders have submitted all required documents as stipulated in the Procurement Document and hence considered as commercially responsive Bidders and is taken for further evaluation;

1 EQUENTIA NATURAL RESOURCES PTE. LTD
2 TRIDENT CHEMPHAR LIMITED
3 ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD
4 MOHIT MINERALS LIMITED
5 A2A TRADING FZE
6 POTENCIA L.L.C- FZ

**2.4 Financial Evaluation**

Quoted prices of the Responsive Bidders with their rankings based on CFR prices are given below;

Table 01- At Sight CFR Price USD/MT

| Bidder No | Bidder | Coal FOB Trimmed Price USD/MT | Freight USD/MT | CFR Price USD/MT |
|---|---|---|---|---|
| 2. | EQUENTIA NATURAL RESOURCES PTE. LTD | 100.96 | 14.00 | 114.96 |
| 3. | TRIDENT CHEMPHAR LIMITED | 83.50 | 15.00 | 98.50 |
| 5. | ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 91.61 | 13.00 | 104.61 |
| 6. | MOHIT MINERALS LIMITED | 101.00 | 20.26 | 121.26 |
| 7. | A2A TRADING FZE | 90.50 | 14.00 | 104.50 |
| 10. | POTENCIA L.L.C – FZ | 76.00 | 24.00 | 100.00 |

Table 02- 90 Days Credit Price USD/MT

| Bidder No | Bidder | Coal FOB Trimmed Price USD/MT | Freight USD/MT | CFR Price USD/MT | Present Value of Credit Price- Discounted at 1.024 (CFR) |
|---|---|---|---|---|---|
| 5. | ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 92.48 | 13.00 | 105.48 | 103.008 |
| 7. | A2A TRADING FZE | 92.30 | 14.00 | 106.30 | 103.809 |

Table 03- Summary of Financial Evaluation

| Bidder | CFR Price USD/MT In Ranking Order | Sight/Credit | In order of Rank |
|---|---|---|---|
| TRIDENT CHEMPHAR LIMITED | 98.500 | Sight | 1 |
| POTENCIA L.L.C – FZ | 100.000 | Sight | 2 |
| ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 103.008 | Credit | 3 |
| A2A TRADING FZE | 103.809 | Credit | 4 |
| A2A TRADING FZE | 104.500 | Sight | 5 |

| | | | |
|---|---|---|---|
| ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 104.610 | Sight | 6 |
| EQUENTIA NATURAL RESOURCES PTE. LTD | 114.960 | Sight | 7 |
| MOHIT MINERALS LIMITED | 121.260 | Sight | 8 |

As per the Clause 2.12.3 of the Procurement Document – "Evaluation of Bids", BEC evaluated the prices quoted by the Bidders to determine the lowest evaluated responsive Bidder and the details are shown in the above Table 03- Summary of Financial Evaluation. Therefore, the substantially responsive lowest evaluated Bidder is TRIDENT CHEMPHAR LIMITED, and the bidder has offered following prices;

**Table 04:**

| Item | USD/MT |
|---|---|
| FOB Trimmed (RBCT) base price of Coal | 83.50 |
| Base Freight up to Puttalam Anchorage | 15.00 |
| **Total CFR price** | **98.50** |

2.5 BEC recommends that, reject the substantially non-responsive bids of below mentioned bidders due to major deviations in their commercial evaluation

TARANJOT RESOURCES (PVT) LTD
PT. FAWAD TRADING AND CONSTRUCTION
PT. MITRA BORNEO SELARS
AGARWAL COAL CORPORATION (S) PTE. LTD.

2.6 Further, BEC recommends to obtain clarification from the Bidder - TRIDENT CHEMPHAR LIMITED as per the information furnished by the bidder selected as ranked 1- TRIDENT CHEMPHAR LIMITED has mentioned that the ship crane capability is 9,000MT/WWD of 24 and also by show crane capability is 18,000MT/WWD of 24 hours. These rates specified by the bidder are not complied with the clause 5.9.10. The BEC is considered this deviation required to get clarified before proceeding further.

2.7 SHLPC noted that Bidder has mentioned that he complied with the clause 5.9.10, but Bidder mentioned in the annexure 4 of his Bid that the ship crane capability is 9,000MT/WWD of 24 hours and also by show crane capability is 18,000MT/WWD of 24 hours, which is not complied with the clause 5.9.10. (The Seller's Delivery Obligations and Load Rate have been mentioned in the Clause 5.9.10). By considering the time limitation, BEC and the SHLPC have decided to conduct a meeting with the Bidder - TRIDENT CHEMPHAR LIMITED virtually to obtain the relevant clarifications and then SHLPC decided the following;

(i) To obtain the clarification from the Bidder - TRIDENT CHEMPHAR LIMITED in written with regard to the information furnished by the Bidder on the ship crane capability is 9,000MT/WWD of 24 hours and also by show crane capability is 18,000MT/WWD of 24 hours, as it is not complied with the clause 5.9.10 of the bidding document, even though Bidder has mentioned that he complied with clause 5.9.10.

(ii) To direct BEC to submit their final recommendations considering the clarifications sent by the Bidder - TRIDENT CHEMPHAR LIMITED.

**3 Clarifications submitted by Bidder - TRIDENT CHEMPHAR LIMITED**

Referring the meeting had with the Bidder, below mentioned clarifications has been submitted by the letter of the Bidder - TRIDENT CHEMPHAR LIMITED dated 17.09.2025.

***Quoted***

a. *At the time of Bid submission, we have accepted the terms from clause 5.7 (General Shipping Terms), 5.8. (SHIPPING TERMS ON CFR BASIS UP TO THE DISCHARGING ANCHORAGE), 5.9 (SHIPPING TERMS ON FOB Trimmed BASIS) signing by the Authorised signatory as per the tender conditions.*

b. *At the time of acceptance we have agreed to the vessel schedule requirement of one vessel in 4-5 days to complete the supply in agreed upon period.*

c. *As the same were already accepted, due to typing error the load rate mentioned in Annexure 04 – Technical and commercial Proposal as mentioned as 9000 Guaranteed Loading Rate (MT/WWD of 24 consecutive Hours / SHINC) for Ships crane and 18000 Guaranteed Loading Rate (MT/WWD of 24 consecutive Hours / SHINC) for Shore Crane should be disregarding.*

d. *As our Main Load Port RBCT has well defined shipping regulations (RBCT Guidelines) and load rate as per Shipping Regulations accepted by the RBCT Operations Committee on 24 November 2020 and approved by the RBCT Board of Directors on 26 November 2020. (Annexure Attached) we will adhere to the RBCT shipping regulations load rate as mentioned in clause 8.3 of that document. In addition, all the other clauses and terms of RBCT shipping regulations will be followed.*

e. *With reference to alternate Ports mentioned in Annexure 04- Technical and commercial proposal we also commit that the required load rate of minimum 10,000 (MT/WWD of 24 consecutive Hours / SHINC) will be maintained to fulfil the schedule as required by LCC in its tender.*

*With reference to above mentioned points. We acknowledge and accept all the requirements of LCC as mentioned in your tender LCC/25/TT/1 thus the load rates mentioned in Annexure 4 submitted with our bid on 15th of September should not be applicable and agreed upon Load Rates in this letter to be final. "*

***Unquoted***

**4 Final recommendations of the BEC**

By the BEC report dated 17.09.2025, BEC submitted the following;

4.1 Calculation of the Composite Index

BEC calculated the applicable composite index as per the clause 5.4.1 of the Procurement document. The relevant portion of the formula is given below

"Price Adjustment Formula

Monthly average indexes (FOB) for August 2025 published prior month to the bid closing Date of the Argus/McCloskey's Coal Price Indices, namely API4, {(ICI 1+ICI 2)/2} and {(Taman + Vostochny)/2} and the composite index calculation formula is as follows.

Composite Index Formula (INDEX)

$$\text{INDEX} = \frac{\text{API 4} + \{(\text{ICI 1} + \text{ICI 2})/2\} + \{(\text{Taman} + \text{Vostochny})/2\}}{3}$$

BEC calculated the composite index by refering the publication of Argus media documents and is given in below table 01. Since the bid was closed in month of September, month of August is considered as the month prior to the bid closing date.

Table 01 - Calculation of Composite Index for month of August 2025

| | Index | August 2025 indices published on | USD/MT |
|---|---|---|---|
| 1 | API 4- FOB Richards Bay index (monthly average) for 6000 kcal/kg | 29/08/2025 | 89.55 |
| 2 | ICI 1 - FOB Indonesian Index (Monthly average for 6500 kcal/kg (USD/MT 99.96) | 29/08/2025 | {(99.96+ 75.41)/2} = 87.685 |
| | ICI 2 - FOB Indonesian Index Monthly average for 5800 kcal/kg (USD/MT 75.41) | 29/08/2025 | |

(101)

| | | | |
|---|---|---|---|
| 3. | Taman- Index monthly average for 6000 kcal/kg (USD/MT 69.37)<br>Vostochny- Index monthly average for 6000 kcal/kg (USD/MT 81.80)<br>(Monthly average has been calculated by considering weekly average reports)<br>NOTE: Since these indexes are issued on a weekly basis, the monthly average has been calculated accordingly. | 01/08/2025<br>08/08/2025<br>15/08/2025<br>22/08/2025<br>29/08/2025 | (69.37+81.80)/2<br>= 75.585 |
| Composite index for month of August 2025 | | | 84.27 |

Above Argus indices reports are attached in *Annexure 03* of the BEC report dated 17.09.2025.

Calculation of Multiplication Factor (MF)

BEC calculated the MF applicable for the bid of Trident Chemphar Limited is given below.

Multiplication Factor =

$$\frac{\text{Offered Base Price (USD/MT)}}{\text{Composite Index for the Previous Month (August)}}$$

Example Calculation:

$$\frac{83.50}{84.27} = 0.990 \quad \text{(rounded to the 3rd decimal place)}$$

4.2 Recommendations of the BEC

(i) The Bid Evaluation Committee (BEC) recommends awarding the contract for the supply of 1.5 million MT ±10% of coal to the Lakvijaya Power Plant for the period from December 2025 to May 2026 to Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India.

Trident Chemphar Limited has submitted the lowest evaluated substantially responsive bid at a CFR (Puttalam) base price (at sight) of USD 98.50 per MT, comprising:

- Base FOB (RBCT) Price (at sight): USD 83.50
- Base Freight Price (at sight): USD 15.00

The total cost of the procurement is estimated at USD 147,750,000 ±10% (LKR 44.59 billion), as at the date of bid evaluation, excluding price adjustments and applicable taxes.

*Note: As of 15/09/2025, the indicative USD exchange rate declared by the Central Bank of Sri Lanka (CBSL) is LKR 301.8134.*

(ii) However, in the event that the Ceylon Shipping Corporation (CSC) matches the freight rate offered by the successful bidder, in accordance with Clause 2.13.4 of the Bid Document, the contract shall be awarded as follows:

To Trident Chemphar Limited, for the supply of coal on a FOB (RBCT, Trimmed) basis at a base price of USD 83.50 per MT, totaling USD 125,250,000 for 1.5 million MT ±10%.

To the Ceylon Shipping Corporation, for the freight component at a base freight rate of USD 15.00 per MT, totaling USD 22,500,000.

(iii) In the event that Ceylon Shipping Corporation Ltd. is unable to match the base freight rate offered by Trident Chemphar Limited, the contract shall be awarded in full to Trident Chemphar Limited at the base CFR (Puttalam) price of USD 98.50 per MT.

(iv) The BEC recommends that a Multiplication Factor (MF) of 0.990 (up to the third decimal place) be applied to compute the index-adjusted FOB price throughout the contractual period, in accordance with Clause 5.4.1 of the Procurement Document.

(v) The freight charges per MT payable for the transportation of coal, whether to the successful bidder or to the Ceylon Shipping Corporation (as applicable), shall be adjusted in line with Clause 5.4.2, "Freight Adjustments", of the Procurement Document.

**5 Matters discussed**

SHLPC queried on the provisions related for the matching the freight rates with Ceylon Shipping Corporation (CSC) mentioned in the recommendations of the BEC. Then, Secretary/MoE mentioned that considering the Joint Cabinet Memorandum dated 15.03.2025 submitted by Minister of Transport and Minister of Energy for "Extension of Lightering (barging) Operation to the Lakvijaya Power Plant (LVPP) by Self- propelled barges

(SPBs) for season 2025/2026", Cabinet of Ministers has decided at its meeting held on 24.03.2025 to allow CSC to extend the lightering agreement with Lanka Coal Company for further one season in 2025.2026.

6 SHLPC Decision

Perusing the clarifications of the Bidder, Trident Chemphar Limited dated 17.09.2025 and the content of the BEC report 17.09.2025, SHLPC decided;

(i) To consider the bid submitted by Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India, the lowest evaluated substantially responsive bidder for the supply of 1.5 million MT ±10% of coal to the Lakvijaya Power Plant for the period from December 2025 to May 2026 and award the contract as per the following 02 Options;

Option 01

In the event that the Ceylon Shipping Corporation (CSC) matches the base freight rate of USD 15.00 per MT offered by the successful bidder, in accordance with Clause 2.13.4 of the Bid Document, then to award the freight component at a base freight rate of USD 15.00 per MT, totaling USD 22,500,000 (LKR 6.79 billion) to the Ceylon Shipping Corporation and to award the coal supply contract to Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India, the lowest evaluated substantially responsive bidder for the supply of coal on a FOB (RBCT, Trimmed) basis at a base price of USD 83.50 per MT, totaling USD 125,250,000 (LKR 37.80 billion) for 1.5 million MT ±10%. (Costs of Freight and FOB of the coal supply are mentioned as at the date of bid evaluation, excluding price adjustments and applicable taxes)

Option 02

In the event that CSC is unable to match the base freight rate of USD 15.00 per MT offered by Trident Chemphar Limited, then to award the contract in full to Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India, the lowest evaluated substantially responsive bidder at the base CFR (Puttalam) price of USD 98.50 per MT. The total cost of the procurement is estimated at USD 147,750,000 ±10% (LKR 44.59 billion), as at the date of bid evaluation, excluding price adjustments and applicable taxes.

(ii) To apply a Multiplication Factor (MF) of 0.990 (up to the third decimal place) to compute the index-adjusted FOB price throughout the contractual period, in accordance with Clause 5.4.1 of the Procurement Document.

(iii) To adjust the freight charges per MT payable for the transportation of coal, whether to the successful bidder or to the Ceylon Shipping Corporation (as applicable) in line with Clause 5.4.2, "Freight Adjustments", of the Procurement Document.

| Name | Capacity | Agree with the Above Decisions (Yes/No) | Signature |
|---|---|---|---|
| Mr. K R Uduwawala | Chairman | Yes | |
| Prof. K T M Udayanga Hemapala | Member | Yes | |
| Mrs. W A Dilrukshini | Member | Yes | |
| Mr. A D L G Kalansuriya | Member | Yes | |
| Eng. (Mr.) W Edussuriya | Member | Yes | |

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LANKA COAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

My Ref: LCC/25/TT/1

08th October 2025

RECEIVED
08 OCT 2025
TENDER BRANCH

The Secretary
Ministry of Energy
Colombo.

Dear Sir,

**Subject: Matching of Freight Rate Offered for Term Tender No. LCC/25/TT/1 – Procurement of 1.50 Million MT ±10% (Approximately 25 Shipments) of Coal for the Lakvijaya Power Plant – Season 2025/2026**

This refers to the attached letter received from the Chairman, Ceylon Shipping Corporation Ltd (CSCL), reference No. CSCL/CH/C&A/25/192 dated 07th October 2025.

As per Clause 2.13.4 of the Procurement Document for Term Tender No. LCC/25/TT/1, CSCL has expressed its intention to match the freight rate under the following conditions:

| Particulars | Trident Chemphar Limited (TCL) *(Successful Bidder)* | Ceylon Shipping Corporation Ltd (CSCL) |
|---|---|---|
| Main Port of Loading | Richards Bay Coal Terminal (RBCT), South Africa | Richards Bay Coal Terminal (RBCT), South Africa – Comply |
| Alternative Ports | Vanino (Russia) or Muara Berau (East Kalimantan, Indonesia) or Taboneo (South Kalimantan) or any safe world port or anchorage | Taboneo and Muara Berau Ports, Indonesia – Deviation |
| Freight/Bunker Formula | Co – USD 16,700, Eo – USD 563.333 (TCL has accepted the same conditions as specified in the procurement document). | Co – USD 13,000, Eo – USD 500 (as proposed by CSCL for adjustment) – Deviation |

After careful review, **it has been observed that CSCL's offer constitutes a conditional acceptance.** Accordingly, LCC does not recommend accepting the proposed matching freight rate by CSCL for the following reasons:

- The restriction of alternative ports by **CSCL only to Taboneo and Muara Berau ports,** whereas Trident Chemphar Limited has provided a wider range of alternative loading options, including Vanino, Russia and other safe world ports or anchorages.
- The freight and bunker formula proposed by CSCL (22% and 78%) deviates from the formula specified under Clause 5.4.2 of the Procurement Document, which TCL has accepted the same conditions as specified in the procurement document.



No:51/3, Suranimala Place, Off-Dutugemunu Street, Kohuwala/Dehiwala, Sri Lanka. | Tel: +94 11 2 824 681/2 Fax: +94 11 2 824 680

- Acceptance of CSCL's conditions may create uncertainty in ensuring the smooth continuation of coal supply operations, particularly if the need arises to utilize alternative loading ports due to prevailing geopolitical, market, or logistical conditions.

In view of the above, Lanka Coal Company (Pvt) Ltd is not in favour of granting the matching freight rate to Ceylon Shipping Corporation Ltd under the proposed conditions.

However, taking into account the request made by CSCL, LCC recommends that consideration be given to deploying two vessels (approximately four voyages) owned by CSCL for use by the supplier for the transportation of coal from Richards Bay Coal Terminal, South Africa, or Indonesian ports, subject to mutual agreement between the parties.

Accordingly, LCC forwards these observations and recommendations for your kind consideration and to proceed with obtaining Cabinet of Ministers' approval for awarding the contract and concluding the balance procurement process.

Yours faithfully,
**LANKA COAL COMPANY (PVT) LIMITED**

K.L.B.C. Wijayasinghe
**Chairman**

*Cc: Chairman – Ceylon Shipping Corporation Ltd.*
*General Manager – Lanka Coal Company (Pvt.) Ltd.*

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சனாதிபதி அலுவலகம்
PRESIDENTIAL SECRETARIAT

My No. PS/CSA/00/PAB/01/2025

October 01, 2025

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Secretary
Ministry of Energy

**Procurement of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season 2025- 2026**
**Bid No. : LCC/25/TT/1**

This has reference to your letters number PF/TEN/SII.PC/SP/2025/27 dated September 19, 2025 addressed to unsuccessful bidders with copies to Chairman, Procurement Appeal Board.

02. I wish to inform you that no representation received to this office with regard to the above Procurement.

K. Prasanna Chandith
Secretary to the Procurement Appeal Board and
Senior Additional Secretary to the President
For Secretary to the President

Dő m Chandith


කොළඹ 01, ගෝල්ෆේස්, කොළඹ 01
Galle Face, Colombo 01
දුරකථන Telephones 011 2354354 011 4354354
ෆැක්ස් Fax 011 2340340
ඉ-තැපෑල e-mail ps@presidentsoffice.lk

බලශක්ති අමාත්‍යාංශය
வலுசக்தி அமைச்சு
MINISTRY OF ENERGY

437, ගාල්ල පාර, කොළඹ 03 | 437, காலி வீதி, கொழும்பு 03 | 437, Galle Road, Colombo 03

මගේ අංකය / எனது இல / My No. PE/TEN/SHLPC/SP/2025/27 | ඔබේ අංකය / உமது இல / Your No. | දිනය / திகதி / Date 26.09.2025

1. TARANJOT RESOURCES (PVT) LTD, 602 – Rajhans Montessa, Dumas Road Magdalla Surat Gj 395007 India
2. EQUENTIA NATURAL RESOURCES PTE. LTD, 20 Peck Seah Street, #05-00, Singapore
3. ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD, No.65 Chulia Street, #48–05, OCBC Centre, Singapore, 049513.
4. MOHIT MINERALS LIMITEd., No.7/23, Kirti Nagar Industrial Area, Kirti Nagar, Delhi 110015
5. A2A TRADING FZE , 427 – 2 Tec ,03, The Offices 3 – One Central, Dubai World Trade Centre, Dubai
6. PT. FAWAD TRADING AND CONSTRUCTION, GD Pusat Perfilman Haji Usmar Ismail 2nd floor Ruang210 Jl. HR Rasuna Said Kav c.22, Kuningan Kel. Karet Kuningan, Kec. Setaiabudi, Jakarta Seltan, 12940 Indonesia
7. PT. MITRA BORNEO SELARS, Sahid Sudirman Centre Lt. 11 Suite A, JL Jend. Sudirman 86, Kel. Karet Tengah Kec.Tanah
8. POTENCIA L.L.C – FZ, Business Center 1, M Floor, The The Meydan Hotel, Nad Al Sheba, Dubai, U.A.E
9. AGARWAL COAL CORPORATION (S) PTE. LTD, 16 Jalan kilang Timor,#07-07 Redhill Forum, Singapore 159308

**Procurement of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season 2025 - 2026**

**Bid No. LCC/25/TT/1**

I wish to inform you that the Standing High Level Procurement Committee (SHLPC) has recommended to award the Procurement of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming year 2025 - 2026 tender to **TRIDENT CHEMPHAR LIMITED, Sy No. 66 & 67, Miyapur, Hyderabad, 500 050, Telangana, India.**

Any representations against this recommendation of the SHLPC could be made to the Procurement Appeal Board (PAB) established at the Presidential Secretariat with a payment of LKR. 100,000.00, within seven (07) working days, in accordance with the Clause 8.5.2 & 8.4 of the Procurement Guidelines 2024 (Good & Works) of Sri Lanka with copies to the Secretary, Ministry of Energy and the General Manager, Lanka Coal Company (Pvt) Ltd.

The reason for rejection of your bid is attached herewith.

**Prof. K T M Udayanga Hemapala,**
Secretary



දුරකථන / Tel (+94)-11-2370115 | தொலைநகல் / Tel (+94)-11-2574922 | වෙබ් අඩවිය / இணையதளம் www.powermin.gov.lk

Cc.:

1. Chairman, Procurement Appeal Board, Presidential Secretariat, Colombo 01, Sri Lanka.
2. General Manager, Lanka Coal Company (Pvt.) Ltd, No. 51/3 Suranimala Place, Off-Dutugemunu Street, Kohuwala
3. Managing Director, TRIDENT CHEMPHAR LIMITED, Sy No. 66 & 67, Miyapur, Hyderabad, 500 050, Telangana, India.

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வலுசக்தி அமைச்சு
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මගේ අංකය / எனது இல. / My No. PE/TEN/SHLPC/SP/2025/27

ඔබේ අංකය / உமது இல. / Your No.

දිනය / திகதி / Date 12.10.2025

Cabinet Memorandum No. 117/2025/P

## Cabinet Memorandum

## Supply of Coal for Lakvijaya Power Plant (LVPP), Norochcholai for the forthcoming season of 2025 – 2026

### 1. Background

1.1 The 900 MW Lakvijaya Power Plant (LVPP) operates as a base load power Plant and generates 40% to 50% of the total electricity requirement of the country. Each unit of the power plant consumes approximately 2,500 metric tons (MT) of coal per day totalling and accordingly, the annual requirement of coal is 2.25 million MT (±10%) per season. Ceylon Electricity Board (CEB) has informed by their letter dated 09.06.2025 **(Annexure 1)** referring the Coal Supply Agreement between CEB and Lanka Coal Company (Pvt.) Ltd. (LCC), that the annual coal requirement for the season of 2025 – 2026 (15th September 2025 to 15th September 2026) for Lakvijaya Power Plant is 2.320 million MT ±10% (39 shipments) and mentioned that 1st vessel has to be arrived at Puttalam anchorage on or before 15.09.2025.

1.2 Accordingly, the Cabinet memorandum No. 25/1188/825/066 dated 04.07.2025 **(Annexure 2)** has submitted to initial the procurement of coal supply for the forthcoming season of 2025 – 2026 and the Cabinet of Ministers at its meeting held on 21.07.2025 **(Annexure 3)** decided the following.

(i) To grant approval to call for bids from the suppliers registered under Lanka Coal Company (Pvt) Ltd. as a long term procurement to purchase 2.320 million MT± 10% (39 shipments) of Coal for the Lakvijaya Power Plant, Norochcholai for the forthcoming season of 2025/2026, subject to the following:

(a) To provide the opportunity for the suppliers with a minimum of two (02) years experience in Coal supply to submit bids, in order to obtain value for money through greater competition;

(b) To provide the opportunity to the bidders to submit quotations for Coal in both Free on Board (FOB) and Cost, Insurance and Freight (CIF) methods, enabling to separately identify the freight charges submitted by the bidders so that the Ceylon Shipping Corporation could be provided a fair opportunity to match the freight charges submitted by the bidders for Coal transportation;

(c) To provide the bidders the opportunity to submit separately the value of Coal on advance payments (through letters of credit) and on credit basis, enabling to determine the more beneficial alternative to the Government at the time of making relevant payments;

(d) To ensure that the bidding process is carried out in compliance with the provisions of the relevant Acts and Regulations currently in force;



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(126)

(ii) To authorize the Secretary to the Treasury to appoint a Standing High Level Procurement Committee and a Bid Evaluation Committee pertaining to the procurement referred to at (i) above;

(iii) To direct the Secretary, Ministry of Energy –

(a) To discuss with the relevant Heads of Departments of the General Treasury, giving due consideration to the matters stated in the final paragraph of the observations of the Minister of Finance, Planning and Economic Development **(Annexure 4)** pertaining to the recommendation in sub-paragraphs 3.3 in paragraph 3 of the Memorandum and pursue action accordingly;
and

(b) To take necessary action for the procurement of the most essential quantity of Coal by following section 3.1.8 of the Procurement Guidelines – 2024 for Goods, Works and Non-Consulting Services, in an instance where it appears that an emergency situation which disrupts the supply of coal would arise.

1.3 Considering the said Cabinet decision dated 21.07.2025 and the letter of National Procurement Commission (NPC) dated 02.06.2025 **(Annexure 5)** which granted the concurrence for the appointment of a single SHLPC and Bid Evaluation Committee (BEC) for both Long term and spot tenders including the supplier registration process by the letter dated considering the request of the Ministry on 25.04.2025 **(Annexure 6)**.

**2. Current position**

2.1 Bidding period of the aforementioned procurement was reduced from 42 days to 21 days, as per the directions given by the letter of National Procurement Commission no. NPC/PP/01/CD-31/2025 dated 14.08.2025 **(Annexure 7)** and later the bidding period has been extended by one week as per the requests of the bidders.

2.2 Initial Cabinet approval dated 21.07.2025 was to procure 2.320 million MT± 10% (39 shipments) of coal. However, it is noted that General Manager (GM), LCC has proposed to procure this ±10% option quantity under the same terms and conditions of the existing contract ensuring seamless continuation of coal supply in to the upcoming season and to avoid any idle period between the completion of coal deliveries under the ongoing contract and the commencement of supplies under the upcoming procurement **(Annexure 8)**. Thus, GM, LCC mentioned that contract status at the time of his proposal as follows and further proposed to initiate the next term tender process upon completion of these 15 shipments;

| Description | Quantity (MT) |
|---|---|
| Awarded Quantity | 2,250,000±10% |
| 10% ± option quantity | 225,000 |
| Supplied (2024-2025) | 1,634,920 |
| Balance proposed for 2025 -2026 | 840,080 (approximately 15 shipments) |

Accordingly, Secretary to the Ministry of Energy approved to procure the proposed ±10% option quantity under the same terms and conditions of the existing contract by the letter dated 18.07.2025 **(Annexure 9)**. Therefore, it is noted that the balance requirement which is only 1.5 million MT± 10% of coal (minimum of 25 shipments) will be supplied through this procurement.

2.3 In the Cabinet decision dated 21.07.2025, it is mentioned " to provide opportunity to the bidders to submit quotations for coal in both Fee on Board (FOB) and Cost Insurance Freight (CIF) methods....". As Coal suppliers' responsibility is to transport coal from load port to jetty of the

Plant and Ceylon Shipping Corporation is responsible for the transportation of coal from jetty to anchorage, a separate procurement will be called for the insurance for the assurance of the transportation of coal from load port to anchorage and then instead of Cost Insurance Freight (CIF), only Cost Freight (CFR) method will be used.

2.4 Bids were called from 26 number of registered coal suppliers with LCC using the bidding document approved by the SHLPC, subject to obtain the legal advice of the Hon. Attorney General for sub clause 3.19.1 ("no assignments") under clause 3.19, within 01 week before the pre bid meeting. Hon. AG has given the legal opinion by the letter dated 20.08.2025 with regard to the sub clause 3.19.1 ("no assignments") under clause 3.19. Same was informed to LCC.

2.5 Evaluation of Bids

(i) Bid opening was held on 15.09.2025 in front of the representative of bidders. Eleven (11) Bidders have responded and out of them,

- Bidder No.4 –VISA RESOURCES PTE LTD has submitted a letter stating that "their inability to provide a bid in this occasion" and it was not taken into consideration for the evaluation process.
- Bidder No.1- TARANJOT RESOURCES (PVT) LTD, Bidder No.8- PT. FAWAD TRADING AND CONSTRUCTION, Bidder No.9- PT. MITRA BORNEO SELARS, Bidder No.11- AGARWAL COAL CORPORATION (S) PTE. LTD were not commercially responsive and not consider for further evaluation.
- Below mentioned Six (06) Bidders have submitted all required documents as stipulated in the Procurement Document and hence considered as commercially responsive Bidders and is taken for further evaluation. The names of Substantially Commercial Responsive Bidders are given below;

1. Bidder No.2 - EQUENTIA NATURAL RESOURCES PTE. LTD
2. Bidder No.3 - TRIDENT CHEMPHAR LIMITED
3. Bidder No.5 - ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD
4. Bidder No.6 - MOHIT MINERALS LIMITED
5. Bidder No.7 - A2A TRADING FZE
6. Bidder No.10 - POTENCIA L.L.C- FZ

(ii) Quoted prices of the Responsive Bidders with their rankings based on CFR prices are given below;

| Bidder No | Bidder | Coal FOB Trimmed Price USD/MT | Freight USD/MT | CFR Price USD/MT |
|---|---|---|---|---|
| 2. | EQUENTIA NATURAL RESOURCES PTE. LTD | 100.96 | 14.00 | 114.96 |
| 3. | TRIDENT CHEMPHAR LIMITED | 83.50 | 15.00 | 98.50 |
| 5. | ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 91.61 | 13.00 | 104.61 |
| 6. | MOHIT MINERALS LIMITED | 101.00 | 20.26 | 121.26 |
| 7. | A2A TRADING FZE | 90.50 | 14.00 | 104.50 |
| 10. | POTENCIA L.L.C – FZ | 76.00 | 24.00 | 100.00 |

(iii) Summary of Financial Evaluation

(124)

| Bidder | CFR Price USD/MT In Ranking Order | Sight/Credit | Rank |
|---|---|---|---|
| TRIDENT CHEMPHAR LIMITED | 98.500 | Sight | 1 |
| POTENCIA L.L.C – FZ | 100.000 | Sight | 2 |
| ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 103.008 | Credit | 3 |
| A2A TRADING FZE | 103.809 | Credit | 4 |
| | 104.500 | Sight | 5 |
| ADITYA BIRLA GLOBAL TRADING (SINGAPORE) PTE LTD | 104.610 | Sight | 6 |
| EQUENTIA NATURAL RESOURCES PTE. LTD | 114.960 | Sight | 7 |
| MOHIT MINERALS LIMITED | 121.260 | Sight | 8 |

(iv) Accordingly, the substantially responsive lowest evaluated Bidder is TRIDENT CHEMPHAR LIMITED, and the bidder has offered following prices;

| Item | USD/MT |
|---|---|
| FOB Trimmed (RBCT) base price of Coal | 83.50 |
| Base Freight up to Puttalam Anchorage | 15.00 |
| Total CFR price | 98.50 |

2.6 Calculation of the Composite Index

The applicable composite index is calculated as per the clause 5.4.1 of the Procurement document.

Composite Index Formula (INDEX)

$$\text{INDEX} = \frac{\text{API 4} + \{(\text{ICI 1} + \text{ICI 2})/2\} + \{(\text{Taman} + \text{Vostochny})/2\}}{3}$$

The composite index is calculated by refering the publication of Argus media documents and is given in below table 01. Since the bid was closed in month of September, month of August is considered as the month prior to the bid closing date.

Calculation of Composite Index for month of August 2025

| | Index | August 2025 indices published on | USD/MT |
|---|---|---|---|
| 1 | API 4- FOB Richards Bay index (monthly average) for 6000 kcal/kg | 29/08/2025 | 89.55 |
| 2 | ICI 1 - FOB Indonesian Index (Monthly average for 6500 kcal/kg (USD/MT 99.96) | 29/08/2025 | ((99.96+ 75.41)/2 ) = 87.685 |
| | ICI 2 - FOB Indonesian Index Monthly average for 5800 kcal/kg (USD/MT 75.41) | 29/08/2025 | |
| 3 | Taman- Index monthly average for 6000 kcal/kg (USD/MT 69.37)<br>Vostochny- Index monthly average for 6000 kcal/kg (USD/MT 81.80)<br>(Monthly average has been calculated by considering weekly average reports)<br>NOTE: Since these indexes are issued on a weekly basis, the monthly average has been calculated accordingly. | 01/08/2025<br>08/08/2025<br>15/08/2025<br>22/08/2025<br>29/08/2025 | (69.37+ 81.80)/2 = 75.585 |
| Composite index for month of August 2025 | | | 84.27 |

Calculation of Multiplication Factor (MF)
The calculation of MF applicable for the bid of Trident Chemphar Limited is given below.

**Multiplication Factor =**

$$\frac{\text{Offered Base Price (USD/MT)}}{\text{Composite Index for the Previous Month (August)}}$$

**Example Calculation:**

$$\frac{83.50}{84.27} = 0.990 \quad \text{(rounded to the 3rd decimal place)}$$

2.7 BEC recommends to obtain clarification from the Bidder - TRIDENT CHEMPHAR LIMITED with regard to the clause 5.9.10 of the bidding document. SHLPC noted that the Bidder has mentioned that he complied with the clause 5.9.10, but Bidder mentioned in the annexure 4 of his Bid that the ship crane capability is 9,000MT/WWD of 24 hours and also by show crane capability is 18,000MT/WWD of 24 hours, which is not complied with the clause 5.9.10. (The Seller's Delivery Obligations and Load Rate have been mentioned in the Clause 5.9.10). By considering the time limitation, BEC and the SHLPC have decided to conduct a meeting with the Bidder - TRIDENT CHEMPHAR LIMITED virtually to obtain the relevant clarifications and bidder submitted his clarification by letter dated 17.09.2025 **(Annexure 10).**

2.8 Joint Cabinet Memorandum dated 15.03.2025 **(Annexure 11)** submitted by Minister of Transport and Minister of Energy for "Extension of Lightering (Barging) Operation to the Lakvijaya Power Plant (LVPP) by Self- Propelled Barges (SPBs) for season 2025/2026", Cabinet of Ministers has decided at its meeting held on 24.03.2025 **(Annexure 12)** to allow Ceylon Shipping Corporation to extend the lightering agreement with Lanka Coal Company for further one season in 2025.2026.

2.9 SHLPC has decided at the meeting held on 18.09.2025 **(Annexure 13)**, to consider the bid submitted by Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India, the lowest evaluated substantially responsive bidder for the supply of 1.5 million MT ±10% of coal to the Lakvijaya Power Plant for the period from December 2025 to May 2026 and award the contract as per the following 02 Options;

Option 01
In the event that the Ceylon Shipping Corporation (CSC) matches the base freight rate of USD 15.00 per MT offered by the successful bidder, in accordance with Clause 2.13.4 of the Bid Document, then to award the freight component at a base freight rate of USD 15.00 per MT, totaling USD 22,500,000 (LKR 6.79 billion) to the Ceylon Shipping Corporation and to award the coal supply contract to Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India, the lowest evaluated substantially responsive bidder for the supply of coal on a FOB (RBCT, Trimmed) basis at a base price of USD 83.50 per MT, totaling USD 125,250,000 (LKR 37.80 billion) for 1.5 million MT ±10%. (Total costs of Freight and FOB of the coal supply are mentioned as at the date of bid evaluation, excluding price adjustments and applicable taxes)

Option 02
In the event that CSC is unable to match the base freight rate of USD 15.00 per MT offered by Trident Chemphar Limited, then to award the contract in full to Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India, the lowest evaluated substantially

responsive bidder at the base CFR (Puttalam) price of USD 98.50 per MT. The total cost of the procurement is estimated at USD 147,750,000 ±10% (LKR 44.59 billion), as at the date of bid evaluation, excluding price adjustments and applicable taxes.

2.10 Referring the SHLPC decision, the intension of the awarding of this contract was sent to all the unsuccessful bidders **(Annexure 14)** and the Procurement Appeal Board (PAB) has informed by their letter dated 01.10.2025 **(Annexure 15)** that no representations received to their office with regard to this procurement.

2.11 LCC has inform the freight rate offered by the lowest evaluated substantially responsive bidder to the CSC by the letter dated 01.10.2025 and sought the possibility of CSC to match or obtain a lower rate given by the successful bidder in line with the clause 2.13.4 of the procurement document. **(Annexure 16).**

2.12 Then, considering the reply of the CSC dated 07.10.2025 **(Annexure 17),** LCC has informed the Ministry that LCC does not recommend accepting the proposed matching freight by the CSC mentioning that the CSC offered a conditional acceptance which deviate from the conditions of the original procurement document. (A copy of the letter of LCC dated 08.10.2025 with reasons for not recommending is attached as **Annexure 18**).

**3. Recommendations**

Considering the decision taken by SHLPC at its meeting held on 18.09.2025 and the letter of LCC dated 08.10.2025, I recommend the following;

3.1 To award the contract of supply of 1.5 million MT ±10% of coal to the Lakvijaya Power Plant for the period from December 2025 to May 2026 to Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India, the lowest evaluated substantially responsive bidder at the base CFR (Puttalam) price of USD 98.50 per MT. The total cost of the procurement is estimated at USD 147,750,000 ±10% (LKR 44.59 billion), as at the date of bid evaluation, excluding price adjustments and applicable taxes.

3.2 To apply a Multiplication Factor (MF) of 0.990 (up to the third decimal place) to compute the index-adjusted FOB price throughout the contractual period, in accordance with Clause 5.4.1 of the Procurement Document.

3.3 To adjust the freight charges per MT payable for the transportation of coal, whether to the successful bidder or to the Ceylon Shipping Corporation (as applicable) in line with Clause 5.4.2, "Freight Adjustments", of the Procurement Document.

**4. Approval Sought**

**Considering the above, approval of the Cabinet of Ministers is sought for 3.1, 3.2 and 3.3 above.**

**Eng. Kumara Jayakody**
Minister of Energy
13./10/2025

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මැතිවරණ දෙපාර්තමේන්තුව
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# අමාත්‍ය මණ්ඩල කාර්යාලය
## அமைச்சரவை அலுவலகம்
## OFFICE OF THE CABINET OF MINISTERS

ලොයිඩ්ස් ගොඩනැගිල්ල, ශ්‍රීමත් බැරන්ස් ජයතිලක මාවත, කොළඹ 01.
Lloyd's Building, Sir Baron Jayathilaka Mawatha, Colombo 01.
கொய்ட்ஸ் கட்டடம், சேர் பரோன் ஜயதிலக மாவத்தை, கொழும்பு 01.

මගේ අංකය
எமது இல.
My No. 25/1952/825/066-1

ඔබේ අංකය
உமது இல.
Your No.

දිනය
திகதி
Date 2025-10-22

**හදිසියි - රහසිගතයි**

RECEIVED
22 OCT 2025

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2025-10-21 දින පැවති අමාත්‍ය මණ්ඩලයේ රැස්වීමේ වාර්තාවේ විෂය අංක (18) හි උද්ධෘතයක් පහත දැක්වේ.

විෂය අංක: (18)

අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 25/1952/825/066-1 වූ, "2025/2026 ඉදිරි වාරය සඳහා නොරොච්චෝලේ ලක්විජය විදුලි බලාගාරය (LVPP) වෙත ගල් අඟුරු සැපයීම" යන මැයෙන් බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2025-10-13 දිනැති සංදේශය - ඉහත සඳහන් සංදේශය, මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන ඇමතිතුමාගේ නිරීක්ෂණ; සහ වැඩබලන වරාය සහ ඔවිල් ගුවන් සේවා ඇමතිතුමාගේ 2025-10-21 දිනැති නිරීක්ෂණ සමඟ සලකා බලන ලදුව, අමාත්‍ය මණ්ඩලය විසින් පහත සඳහන් කරුණු නිරීක්ෂණය කරන ලදි:

(I) අමප අංක 25/1188/825/066 දිනැඹවව වූ 2025-07-21 දිනැති අමාත්‍ය මණ්ඩල තීරණය මඟින් 2025/2026 ඉදිරි වාරය සඳහා නොරොච්චෝලේ ලක්විජය විදුලි බලාගාරය වෙත ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 2.320±10%ක් (නැවඟත කිරීම 39ක්) දිගුකාලීන ප්‍රභවපාදනයක් වශයෙන් මිල දී ගැනීම පිණිස සීමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම යටතේ ලියාපදිංචි සැපයුම්කරුවන් වෙතින් ලංසු කැඳවීම සඳහා අනුමැතිය ලබා දී ඇති නමුත්, එම වාරය සඳහා ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 1.5±10%ක් පමණක් සපයා ගැනීම පිණිස ලංසු කැඳවා ඇති බව;

(II) ගල් අඟුරු සැපයීම සඳහා දැනට ක්‍රියාත්මක ප්‍රභවපාදනය ශටතේ කවදුරවත් නැවඟත කිරීම 15ක් ඔදු කළ යුතුව පවතින බව හා ඒ අනුව ඉදිරි වාරය සඳහා ප්‍රභවපාදනය කළ යුතු ගල් අඟුරු ප්‍රමාණය පිළිබඳව නිශ්චිතව අමාත්‍ය මණ්ඩලය දැනුම්වත් කිරීමකින් තොරව, එකී ප්‍රමාණය මෙට්‍රික්ටොන් මිලියන 1.5±10%ක් වශයෙන් බලශක්ති අමාත්‍යාංශයේ ලේකම්ගේ අනුමැතිය මත පසුව තීරණය කරනු ලැබ ඇති බව;

(III) ඉහත (II)හි සඳහන් පරිදි ඉදිරි වාරය සඳහා ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 1.5±10%ක් පමණක් ප්‍රභවපාදනය කිරීම හේතුවෙන් ඉදිරියේදී නොරොච්චෝලේ ගල් අඟුරු බලාගාරයේ අඛණ්ඩ ක්‍රියාකාරිත්වයට බාධා පැන නැඟිය හැකි ද යන්න පිළිබඳව සහ ඒ හේතුවෙන් හදිසි ප්‍රභවපාදන ක්‍රමවේදයන් යටතේ ගල් අඟුරු සපයා ගැනීමේ අවශ්‍යතාවක් ඇති විය හැකි ද යන්න පිළිබඳව සලකා බැලිය යුතු බව;

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DO Mr Chandan 2/11/25

Mr. Chandan / BAS (Power)

(IV) දැනට ක්‍රියාත්මක ප්‍රසම්පාදනය යටතේ තවදුරටත් සිදු කළ යුතුව පවතින නැව්ගත කිරීම 15 සැපයුම්කරු විසින් අනුමත ගමන්වාර සැලසුම් කාලපරාසය (Laycan) තුළ ප්‍රවාහනය කරනු ලබන්නේ ද එසේ නොමැති නම්, සංශෝධිත ගමන්වාර සැලසුමක් යටතේ එම ගල් අඟුරු තොග 2025 නොවැම්බර් මස අවසානයට පෙර සපයා අවසන් කිරීමට කටයුතු කරන්නේ ද යන්න පිළිබඳව සංදේශයේ නිශ්චිතව දක්වා නොමැති බව;

(V) ඉහත 2025-10-13 දිනැති සංදේශයේ නිර්දේශිත පරිදි 2025/2026 වාරය සඳහා ගල් අඟුරු ප්‍රසම්පාදනය පිරිනැමීමෙන් අනතුරුව, 2025 දෙසැම්බර් සිට 2026 මැයි දක්වා වන කාලසීමාව තුළ අදාළ ගල් අඟුරු තොග සැපයිය යුතුව ඇති බැවින්, ඉහත (IV)ඡ සඳහන් පරිදි පවතින නැව්ගත කිරීම 15ට අදාළ ගල් අඟුරු තොග 2025 දෙසැම්බර් මාසයේ හෝ ඉන් අනතුරුව ප්‍රවාහනය කරනු ලබන්නේ නම්, එකී ගල් අඟුරු තොග නොරොච්චෝලේ ගල් අඟුරු බලාගාරයේ ජැටියේදී බොඩබෑම පිළිබඳ ගැටලු පැන නැඟිය හැකි බව; සහ

(VI) ඉහත 2025-10-13 දිනැති සංදේශයේ නිර්දේශිත පරිදි දැනට ක්‍රියාත්මක ප්‍රසම්පාදනය යටතේ තවදුරටත් ඉතිරිව පවතින නැව්ගත කිරීම 15 සපයා ඉනිමෙන් අනතුරුව නව ප්‍රසම්පාදනය යටතේ ගල් අඟුරු සපයා ගැනීමට අමාත්‍ය මණ්ඩලය විසින් තීරණය කරනු ලැබුවහොත්, එකී ප්‍රසම්පාදනයන්හි මිලගණන්වල පවතින වෙනස්කම් හේතුවෙන් රජයට කිසියම් හෝ මූල්‍ය අලාභයක් සිදු වන්නේ ද යන්න පිළිබඳව සොයා බැලීම යෝග්‍ය බව.

මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, පහත සඳහන් පරිදි තීරණය කරන ලදී:

(i) ඉහත (I) සිට (VI) දක්වා වන අමාත්‍ය මණ්ඩලය විසින් සිදු කරන ලද නිරීක්ෂණයන්හි දක්වා ඇති කරුණු කෙරෙහි නිසි සැලකිල්ලක් යොමු කරමින්, 2025-10-13 දිනැති සංදේශයේ 3 ඡේදය යටතේ දැක්වෙන නිර්දේශ පිළිබඳව වැඩිදුරටත් කරුණු අධ්‍යයනය කර, ඒ සම්බන්ධයෙන් නිර්දේශ සහිත වාර්තාවක් 2025-10-27 දින පැවැත්වීමට නියමිත අමාත්‍ය මණ්ඩලයේ මීළඟ රැස්වීමට ඉදිරිපත් කිරීම් පිණිස පහත සංයුතියෙන් යුත් අමාත්‍ය මණ්ඩල අනුකමිටුවක් පත් කිරීම්:

* ගරු (ආචාර්ය) අනිල් ජයන්ත ප්‍රනාන්දු මැතිතුමා,
කම්කරු අමාත්‍ය සහ මුදල් සහ ක්‍රමසම්පාදන නියෝජ්‍ය අමාත්‍ය (සභාපති);

* ගරු සුනිල් හඳුන්නෙත්ති මැතිතුමා,
කර්මාන්ත සහ ව්‍යවසායකත්ව සංවර්ධන අමාත්‍ය;

* ගරු (නීතිඥ) හර්ෂණ නානායක්කාර මැතිතුමා,
අධිකරණ සහ ජාතික ඒකාබද්ධතා අමාත්‍ය;

→3

(ii) ඉහත (i)හි සඳහන් අමාත්‍ය මණ්ඩල අනුකමිටුවේ කාර්යයන් සඳහා සහාය වීම පිණිස පහත සඳහන් නිලධාරීන් පත් කිරීම:

* බලශක්ති අමාත්‍යාංශයේ ලේකම්;
* රාජ්‍ය මුදල් දෙපාර්තමේන්තුවේ අධ්‍යක්ෂ ජනරාල්;
* මහා භාණ්ඩාගාරයේ නීති කටයුතු දෙපාර්තමේන්තුවේ අතිරේක අධ්‍යක්ෂ ජනරාල්;

(iii) මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යාංශයේ ලේකම් විසින් පත් කරනු ලබන එම අමාත්‍යාංශයේ ජ්‍යෝෂ්ඨ නිලධාරියෙකු ඉහත සඳහන් අමාත්‍ය මණ්ඩල අනුකමිටුවේ ලේකම්/කැඳවුම්කරු වශයෙන් කටයුතු කිරීම; සහ

(iv) එකී අනුකමිටුවේ කාර්යයන් සඳහා අවශ්‍ය යැයි සැලකෙන, බලශක්ති අමාත්‍යාංශයේ, ලංකා විදුලිබල මණ්ඩලයේ, සිමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගමේ නිලධාරීන් ඇතුළුව, අදාළ විෂයය පිළිබඳව ප්‍රවීණකාවක් සහිත අන් කවර හෝ නිලධාරියකුගේ/විද්වතකුගේ සේවය ලබා ගැනීම පිණිස කමිටුව වෙත බලය පැවරීම.

තවද, මෙම තීරණය සම්මත කරනු ලැබූ සේ සැලකීමටත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම පිණිස අමාත්‍ය මණ්ඩලයේ ලේකමිට බලය පැවරීමටත් තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යාංශය - ගරු මුදල් සහ ක්‍රමසම්පාදන නියෝජ්‍ය ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
කර්මාන්ත සහ ව්‍යවසායකත්ව සංවර්ධන අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස - සංදේශයේ පිටපතක් යා කොට ඇත.
කම්කරු අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස - සංදේශයේ පිටපතක් යා කොට ඇත.
අධිකරණ සහ ජාතික ඒකාබද්ධතා අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස - සංදේශයේ පිටපතක් යා කොට ඇත.
බලශක්ති අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
අධ්‍යක්ෂ ජනරාල්, රාජ්‍ය මුදල් දෙපාර්තමේන්තුව - සංදේශයේ පිටපතක් යා කොට ඇත.
අධ්‍යක්ෂ ජනරාල්, මහා භාණ්ඩාගාරයේ නීති කටයුතු දෙපාර්තමේන්තුව - සංදේශයේ පිටපතක් යා කොට ඇත.
සභාපති, ලංකා විදුලිබල මණ්ඩලය - සංදේශයේ පිටපතක් යා කොට ඇත.
සභාපති, සිමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම - සංදේශයේ පිටපතක් යා කොට ඇත.

පිටපත්: ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.
විරාය සහ සිවිල් ගුවන් සේවා අමාත්‍යාංශය
සභාපති, සිමාසහිත ලංකා නැව් සංස්ථාව - සංදේශයේ පිටපතක් යා කොට ඇත.

එම්.යූ.ඒ. ඉණසිංහ
අමාත්‍ය මණ්ඩලයේ අතිරේක ලේකම්(වැ.බ.)

අත්.කලේ/ඩබ්ලිව්.එම්.ඩී.පේ. ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්

ඇමුණුම 53

(133)

රහස්‍යගතයි

විදුලිබල අමාත්‍යාංශය
(723)
06 NOV 2025
ලේඛණ ශාඛාව

# අමාත්‍ය මණ්ඩල කාර්යාලය
# அமைச்சரவை அலுவலகம்
# OFFICE OF THE CABINET OF MINISTERS

**CABINET DECISION** **අමාත්‍ය මණ්ඩල තීරණය** **அமைச்சரவைத் தீர்மானம்**

මගේ අංකය: අම‍ප/25/1952/825/066-I

2025 නොවැම්බර් මස 04 දින.

පිටපත්:

ජනාධිපති ලේකම්.
අග්‍රාමාත්‍ය ලේකම්.
වරාය සහ සිවිල් ගුවන් සේවා අමාත්‍යාංශයේ ලේකම්.
සභාපති, ප්‍රසම්පාදන අභියාචන මණ්ඩලය.
සභාපති, සීමාසහිත ලංකා නැව් සංස්ථාව.
විගණකාධිපති.

SAS (procu / power)
FNA pls.

ක්‍රියා කළ යුතු:

මූදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යාංශයේ ලේකම්.
කර්මාන්ත සහ ව්‍යවසායකත්ව සංවර්ධන අමාත්‍යාංශයේ ලේකම්.
කම්කරු අමාත්‍යාංශයේ ලේකම්.
අධිකරණ සහ ජාතික ඒකාබද්ධතා අමාත්‍යාංශයේ ලේකම්.
බලශක්ති අමාත්‍යාංශයේ ලේකම්.
අධ්‍යක්ෂ ජනරාල්, රාජ්‍ය මූදල් දෙපාර්තමේන්තුව.
අධ්‍යක්ෂ ජනරාල්, මහා භාණ්ඩාගාරයේ නීති කටයුතු දෙපාර්තමේන්තුව.
සභාපති, ලංකා විදුලිබල මණ්ඩලය.
සභාපති, සීමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම.

**2025/2026 ඉදිරි වාරය සඳහා නොරොච්චෝලේ ලක්විජය ගල් අඟුරු විදුලි බලාගාරය (LVPP) වෙත ගල් අඟුරු සැපයීම**

(බලශක්ති ගරු ඇමතිතුමා ඉදිරිපත් කළ 2025-10-13 දිනැති සංදේශය)

2025 ඔක්තෝබර් මස 27 දින පැවැත්වුණු අමාත්‍ය මණ්ඩල රැස්වීමේදී ළඟඹ තීරණයක් අවශ්‍ය කටයුතු සඳහා මේ සමඟ එවා ඇත.

ජේ.ජයසුන්දර
අමාත්‍ය මණ්ඩලයේ අතිරේක ලේකම්

අ.කළේ/ ඩබ්ලිව්.එම්.ඩී.ජේ.ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්

Dr MLS Chandra
Pl see file
Lec
31/10/25

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45. අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 25/1952/825/066-I වූ, "2025/2026 ඉදිරි වාරය සඳහා නොරොච්චෝලේ ලක්විජය ගල් අඟුරු විදුලි බලාගාරය (LVPP) වෙත ගල් අඟුරු සැපයීම" යන මැයෙන් බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2025-10-13 දිනැති සංදේශය - (අමප අංක 24/1653/621/075-1 සහ අමප අංක 25/1952/825/066-I පිළිබඳව වූ පිළිවෙලින් 2024-08-21 හා 2025-10-21 දිනැති අමාත්‍ය මණ්ඩල තීරණයන්ට අදාළව) මෙම කරුණ පිළිබඳවම වූ 2025-10-21 දිනැති අමාත්‍ය මණ්ඩල තීරණය පරිදි පත් කරන ලද අමාත්‍ය මණ්ඩල අනුකමිටුවේ වාර්තාව මෙම අමාත්‍ය මණ්ඩල රැස්වීමට ඉදිරිපත් කර නොමැති වුවද, 2025/2026 වාරය සඳහා වන ගල් අඟුරු ප්‍රසම්පාදනය නවදුරටත් ප්‍රමාද වීම හේතුවෙන් නොරොච්චෝලේ ලක්විජය ගල් අඟුරු විදුලි බලාගාරයේ මෙහෙයුම් කටයුතු අඛණ්ඩව පවත්වාගෙන යාම සඳහා පැන නැඟිය හැකි අවදානම සැලකිල්ලට ගෙන, ඉහත සංදේශයේ නිර්දේශ පිළිබඳව නවදුරටත් කල් දැමීමකින් තොරව මෙම රැස්වීමෙදීම තීරණයකට එළඹිය යුතු බව අමාත්‍ය මණ්ඩලයේ අදහස විය.

මේ පිළිබඳව වැඩිදුරටත් සාකච්ඡා කිරීමෙන් අනතුරුව, පහත සඳහන් පරිදි තීරණය කරන ලදි:

(i) පහත සඳහන් පරිදි අනුමැතිය ලබා දීම:

(අ) 2025/2026 වාරය සඳහා නොරොච්චෝලේ ලක්විජය ගල් අඟුරු විදුලි බලාගාරය වෙත ගල් අඟුරු මෙට්‍රික්ටොන් මිලියන 1.5±10% සැපයීමේ කොන්ත්‍රාත්තුව සංදේශයේ 3 ඡේදයේ 3.1 අනුඡේදයෙහි නිර්දේශිත පරිදි ඉන්දියාවේ Trident Chemphar Limited වෙත ප්‍රදානය කිරීම සඳහා;

(ආ) සංදේශයේ 3 ඡේදයේ 3.2 සහ 3.3 අනුඡේදයන්හි නිර්දේශිත පරිදි කටයුතු කිරීම සඳහා;

(ii) 2024/2025 වාරය සඳහා වන ගල් අඟුරු ප්‍රසම්පාදනය යටතේ ±10%ක් වන ගල් අඟුරු මෙට්‍රික්ටොන් 225,000ක විකල්ප ප්‍රමාණය ආනයනය කිරීම සඳහා සීමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම විසින් ගනු ලැබ ඇති තීරණය සම්බන්ධයෙන් අමාත්‍ය මණ්ඩලය එකඟ නොවන බැවින්, එම ගල් අඟුරු ප්‍රමාණය ආනයනය කිරීම

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වහාම අවලංගු කිරීමට පියවර ගන්නා ලෙස එම සමාගමේ සභාපති ඇතුළු අධ්‍යක්ෂ මණ්ඩලයට නියම කරන මෙන් බලශක්ති අමාත්‍යාංශයේ ලේකම්ට උපදෙස් දීම;

(iii) සීමාසහිත ලංකා ගල් අඟුරු (පුද්ගලික) සමාගම විසින් ගල් අඟුරු ආනයනය කිරීම සම්බන්ධයෙන් දැනට අනුගමනය කරනු ලබන ප්‍රසම්පාදන ක්‍රමවේදය සඳහා කිසියම් සංශෝධනයන් හඳුන්වා දිය යුතු වන්නේ නම්, ඒ පිළිබඳව වන නිර්දේශයන් ද සහිතව අමප අංක 25/1952/825/066-I හා 2025-10-21 දිනැති අමාත්‍ය මණ්ඩල තීරණය මඟින් අපේක්ෂිත වාර්තාව නොපමාව අමාත්‍ය මණ්ඩලය වෙත ඉදිරිපත් කිරීමට කටයුතු කරන මෙන් එකී අමාත්‍ය මණ්ඩල තීරණය පරිදි පත් කරන ලද අමාත්‍ය මණ්ඩල අනුකමිටුවෙන් ඉල්ලා සිටීම්; සහ

(iv) ඉහත (iii)හි සඳහන් අමාත්‍ය මණ්ඩල අනුකමිටුවේ වාර්තාව කඩිනමින් අමාත්‍ය මණ්ඩලය වෙත ඉදිරිපත් කිරීමට හැකි වන පරිදි එකී අනුකමිටුවේ සාකච්ඡාවන් සඳහා අවශ්‍ය සහාය සහ අනෙකුත් පහසුකම් සලසා දෙන ලෙස මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යාංශයේ අදාළ නිලධාරීන් වෙත නියම කරන මෙන් එම අමාත්‍යාංශයේ ලේකම්ට උපදෙස් දීම.

තවද, මෙම ප්‍රසම්පාදනය සම්බන්ධයෙන් අසාර්ථක ලංසුකරුවන් වෙතින් අභියාචන කිසිවක් ප්‍රසම්පාදන අභියාචන මණ්ඩලය වෙත ලැබී නොමැති බව ද අමාත්‍ය මණ්ඩලය විසින් සැලකිල්ලට ගන්නා ලදී.

එසේම, මෙම තීරණය සම්මත කරනු ලැබූ සේ සැලකීමටත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම පිණිස අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යාංශය - ගරු මුදල් හා ක්‍රමසම්පාදන නියෝජ්‍ය ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
කර්මාන්ත සහ ව්‍යවසායකත්ව සංවර්ධන අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.

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කම්කරු අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
අධිකරණ සහ ජාතික ඒකාබද්ධතා අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
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LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

# NOTIFICATION OF AWARD - LETTER OF ACCEPTANCE

29th October 2025

RECEIVED
18 DEC 2025 (865)
TENDER BRANCH

Mr. Sanjay Dutta
Director
Trident Chemphar Limited
Sy No. 66 & 67, Miyapur, Hyderabad, 500 050,
Telangana, India

Dear Sir,

**Subject: Letter of Award – Supply of 1.5 Mn MT ±10% of Coal for Lakvijaya Coal Power Plant, Sri Lanka under Term Tender Ref: LCC/25/TT/1 from December 2025 to May 2026**

We refer to your bid submitted on 15th of September 2025 for the above-referred tender.

Based on the decision of the Standing High Level Procurement Committee (SHLPC) and the approval of the Cabinet of Ministers, we are pleased to award your company, **Trident Chemphar Limited**, the contract for the supply of **1.5 million MT ±10% of coal** under the following terms:

1. **Contract Rates:**
   - **CFR Base Price: USD 98.50** (United States Dollars Ninety-Eight and Fifty Cents only) per MT
   - **FOB Base Price: USD 83.50** (United States Dollars Eighty-Three and Cents Fifty Only) per MT
   - **Freight Component: USD 15.00** (United States Dollars Fifteen Only) per MT

2. **Price Adjustment:**

   FOB price variation shall be calculated as per Clause 5.4.1 (Price Variation) of the Bid Document, using the Composite Price Index Formula (INDEX) and **Multiplication Factor (MF) of 0.990** (up to 3rd decimal).

   Freight adjustments shall be applied in accordance with Clause 5.4.2 of the Bid Document.

**You are requested to take immediate action** as per the terms and conditions of the Procurement Document and the Coal Supply Agreement, including but not limited to:



No:51/3, Suranimala Place, Off-Dutugemunu Street, Kohuwala/Dehiwala, Sri Lanka. | Tel: +94 11 2 824 681/2 Fax: +94 11 2 824 689 | www.lankacc
A Subsidiary of Ceylon Electricity Board, Registration Number: PV 62636

36

1. **Performance Security** – Submit a **Performance Security of USD 14,775,000.00 (United States Dollars Fourteen Million Seven Hundred and Seventy-Five Thousand Only)** as per Clause 2.13.8
2. **Nomination of Load Port Independent Surveyor** – Provide details of the nominated surveyor acceptable to the buyer, as per Clause 3.5.1 (b).
3. **Nomination of Accredited Laboratories** – Submit the list of accredited laboratories acceptable to the buyer for reference sample testing, as per Clause 3.5.3.
4. **Discharge Port Independent Surveyor** – *Ms. Cotecna Inspection India (Pvt) Ltd* is appointed for this coal season.

**Additional Instructions:**

- Shipments shall be arranged in accordance with Clause 2.7 (Delivery Schedule) of the Bid Document.
- The **Expected Time of Arrival (ETA)** for the 2025-2026SC coal season is attached as *Annexure 1*. The final ETA will be confirmed one month prior to commencement of the coal season.
- The load port certificate format as per the Annexure 07 will be forwarded prior to the first laycan.
- All supplies shall originate **only from the main port of Richards Bay Coal Terminal, South Africa** as per the Annexure 04 Sub clause (i) as per bid document submitted.
- The date for signing the Coal Supply Agreement will be confirmed upon establishment of the Performance Security.

In the event of any discrepancy or inconsistency between this Award Letter and the Procurement Document No. LCC/25/TT/1, the provisions of the Procurement Document shall prevail.

We trust that you will take all necessary measures to fulfill your contractual obligations to the satisfaction of **Lanka Coal Company (LCC)** and the **Ceylon Electricity Board (CEB)**.

LANKA COAL COMPANY (PVT) LTD

K.R.C.Wijayasinghe
Chairman (Acting)

Copy:
Secretary – Ministry of Energy

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LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

744
14 NOV 2025

(179)

**Ref No:** LCC/25/TT/1

**Date:** 13th November 2025

**To:** Hon. The Attorney General
Attorney General's Department

Pof. K.T.M. Udayanga Hemapala
Secretary
Ministry of Energy
No. 437, Galle Road,
Colombo 03.

**Through:** The Secretary
Ministry of Energy

**Dear Sir,**

***Subject:*** **Request for Legal Review of Procurement Document – Tender No. LCC/25/TT/1 for the Supply of 1.5 million Metric Tons (±10%) of Coal for the 2025–2026 Season**

Reference is made to your letter No. E/307/2025 dated 20.08.2025 addressed to the Secretary, Ministry of Energy.

Accordingly, the above tender has been **awarded to the successful bidder, Trident Champer Ltd,** in line with the recommendations of the Technical Evaluation Committee (TEC), the Standing High-Level Procurement Committee (SHLPC), and the approvals obtained from the Cabinet of Ministers. The supplier has established the Performance Security on 12th November 2025, and the agreement is scheduled to be signed during the coming week.

We are therefore forwarding herewith the **draft Coal Supply Agreement** to be signed with the awarded supplier, along with the relevant **procurement documents**, for your **legal review and concurrence** prior to signing the contract with the awarded supplier.

Your early attention to this matter would be greatly appreciated.

Thanking you.
Yours faithfully,

**Namal Hewage**
General Manager
Lanka Coal Company (Pvt) Ltd

**Cc:**

***i. Chairman – LCC***
***iii. Addl. Secretary (Development & Procurement) – Ministry of Energy***

Do Mr Chathura
2025/11/17

* Copy
SAS (procu / power)
FNA PIS

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Ministry of Energy
01 DEC 2025
Additional Secretary
(Development & Programmes)

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அமைச்சரவை அலுவலகம்
OFFICE OF THE CABINET OF MINISTERS

**CABINET DECISION** **අමාත්‍ය මණ්ඩල තීරණය** **அமைச்சரவைத் தீர்மானம்**

මගේ අංකය: අම‍ප/25/1952/825/066-II 2025 නොවැම්බර් මස 25 දින.

MINISTRY OF POWER AND ENERGY
RECEIVED
26 NOV 2025
SECRETARY'S OFFICE

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ඇති අමප අංක 25/1952/825/066-II වශයෙන් පසුව අංකගත කරන ලද 2025-11-01 දිනැති අමාත්‍ය මණ්ඩල අනුකමිටු වාර්තාව - ඉහත සඳහන් අනුකමිටු වාර්තාව අමාත්‍ය මණ්ඩලය විසින් සලකා බලන ලදුව, මෙම කරුණට අදාළව අමප අංක 25/1952/825/066-I පිළිබඳව වූ 2025-10-27 දිනැති අමාත්‍ය මණ්ඩල තීරණයේ ඇතුළත් කරුණු පිළිබඳව අනුකමිටුවේ අවධානය යොමු වී නොමැති බව අමාත්‍ය මණ්ඩලය විසින් නිරීක්ෂණය කරන ලදී. එබැවින්, එකී අමාත්‍ය මණ්ඩල තීරණය පිළිබඳව ද අවධානය යොමු කරමින් සිය නිර්දේශ නැවත සමාලෝචනය කර, සති දෙකක් (02) තුළ සංශෝධිත වාර්තාවක් ඉදිරිපත් කරන මෙන් එකී අමාත්‍ය මණ්ඩල අනුකමිටුවෙන් ඉල්ලා සිටීමට තීරණය කරන ලදී.

ඒ අනුව, අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මේ පිළිබඳව වහා දන්වා යැවීම පිණිස අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමට ද තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යාංශය - ගරු මුදල් හා ක්‍රමසම්පාදන නියෝජ්‍ය ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
කර්මාන්ත සහ ව්‍යවසායකත්ව සංවර්ධන අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
කම්කරු අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
අධිකරණ සහ ජාතික ඒකාබද්ධතා අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
බලශක්ති අමාත්‍යාංශය - ගරු ඇමතිතුමාගේ අවධානයට යොමු කිරීම පිණිස.
අධ්‍යක්ෂ ජනරාල්, රාජ්‍ය මුදල් දෙපාර්තමේන්තුව
අධ්‍යක්ෂ ජනරාල්, මහා භාණ්ඩාගාරයේ නීති කටයුතු දෙපාර්තමේන්තුව

පිටපත්: ජනාධිපති ලේකම්
අග්‍රාමාත්‍ය ලේකම්

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(15)

My No: E/347/2025/LCC

Your No: LCC/25/TT/1

P.O. Box No: 502

Colombo 12.

නීතිපති දෙපාර්තමේන්තුව
சட்ட அதிபர் திணைக்களம்
ATTORNEY - GENERAL'S DEPARTMENT

20.11.2025

Telephone Nos: 2147888, 2433867, 2320800, 2327919, 2149001(2)

E-mail: administration@attorneygeneral.gov.lk

Fax: 2436421

The Chairman,
Lanka Coal Company Pvt. Ltd.,
No. 51/3, Suranimala Place,
Off Dutugemenu Street,
Kohuwela, Dehiwela

**Subject: Request for Legal Review of Procurement Document- Tender No LCC/25/TT/1 for the Supply of 1.5million Metric Tons (±10%) of Coal for the 2025-2026 Season**

I write with reference to your letter dated 13.11.2025 and the telephone conversation the undersigned had on 20.11.2025 with Mr. Namal Hewage, General Manager of the Lanka Coal Company (LCC) on the above subject.

You have indicated that pursuant to the approval of the Technical Evaluation Committee (TEC), the Standing High Level Procurement Committee (SHLPC) and the Cabinet of Ministers, you have awarded the tender bearing No. LCC/25/TT/1/ for the supply of 1.5m MT (±10%) of coal for the Lakvijaya Power Plant for the 2025/2026 Season to the successful bidder, Trident Chemphar Ltd of India ("Trident"). Having stated so, you have also submitted a copy of the draft Coal Supply Agreement and the Procurement Document for my legal review and concurrence.

I have considered the contents of your letter and the annexures thereto and make the following observations on the Coal Supply Agreement ("Agreement"):

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1. According to Clause 4.3 of the Agreement, the following documents form part and parcel of the Agreement:

   a. Contract Agreement and Addendum;
   b. Performance Security for this Contract;
   c. the Letter of Award dated 29.10.2025 and its acknowledgement dated 29th October 2025;
   d. the bids including the Price proposal submitted by the successful bidder dated 15.09.2025 duly signed by the Bidder's authorised signatory including amendments and clarifications issued if any;
   e. the power of Attorney given by the seller to authorise the personal to represent the company for signing the Contract;
   f. Minutes of the Pre-Bid meeting held on 25.08.2025;
   g. The complete set of procurement documents invited through email by LCC on 18.08.2025;
   h. Sellers nominated bank details followed by the Board resolution of the company.

However, except the draft Agreement (item (a)) and the Procurement Document (item (g)), none of the documents listed at (b), (c), (d), (e), (f) and (h) have been made available to me.

As indicated by you, the Bid has already been evaluated, the successful bidder has been selected and the Contract has already been awarded to Trident. This Department has not been called upon to consider the Procurement Document prior to the award of tender, except when you sought and obtained our opinion only on clause 3.19 on Assignments and Sanctions, by my letter dated 20.08.2025. It was specifically indicated therein that "*...this opinion is limited to the scope of clause 3.19 of the Bidding documents and if necessary you may submit the final documents for my consideration...*".

It is assumed that you have carefully considered the aforesaid, in particular clauses 3.2, 3.4, 3.5. 3.6, 3.8 of the Conditions of Contract and are satisfied that they as well as the particulars included in the price proposal of Trident

have been prepared in line with the Instructions to Bidders and have been duly considered approved by the TEC and SHLPC.

2. I wish to make the following observations:

a. **Clause 2.7 Delivery Schedule** and **Clause 3.8- Failure to Deliver-** Your attention is drawn to my opinion dated 24.10.2025, whereby upon your request for legal advice pertaining to acceptance of a quantity of coal below the minimum tolerance, you were advised that specific provision may be incorporated setting out the circumstances and manner in which Parties can deviate from the delivery schedule, including deviations with regard to minimum quantities per shipment which do not affect the overall contractual quantities within the requisite supply period. You were further advised that except in circumstances of such deviation in such manner, the failure to supply in compliance with the delivery schedule or the minimum quantity requirement may also be specifically included as a "Seller Event of Default" in terms of Clause 3.10.

b. **Clause 3.19.2-** Sanctions and Assignment of Contractual Obligations- As pointed out in my letter dated 20.08.2025, the reference to the "Purchaser" maybe amended as "Buyer" to maintain uniformity in the terminology used.

c. **Clause 4.1-** Condition Precedent – although this Clause refers to Performance Security in accordance with Clause 2.7.3, it is noted that the Performance Security is in fact set out in Clause 3.18 of the Conditions of Contract.

d. **Clause 4.2**- Term of the Agreement- it is prudent to stipulate that the extension of the Agreement beyond the stipulated time is subject to the mutual *written* agreement of the Parties.

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e. **Clause 4.8**- Entire Agreement - similar to the above observation, any amendment or modification of the Agreement must be by *mutual* written agreement of the Parties.

Subject to the above observations, I see no legal impediment in entering into the said Agreement.

It is assumed that all technical, operational and financial implications of the Agreement have been carefully considered and that all relevant approvals will be/have been obtained prior to its execution.

Sabrina Ahmed
Senior State Counsel

Sgd./ Viraj Dayaratne PC
Solicitor General
for Attorney General.

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வலுசக்தி அமைச்சு
MINISTRY OF ENERGY

437, ගාල්ල පාර, කොළඹ 03 | 437, காலி வீதி, கொழும்பு 03 | 437, Galle Road, Colombo

මගේ අංකය / எனது இல. / My No. PE/TEN/SHLPC/SP/2025/27 vol ii

ඔබේ අංකය / உமது இல. / Your No.

දිනය / திகதி / Date 27/01/2026

Mr. K L R C Wijayasinghe - Chairman
Additional Secretary (Power & Power Sector Reforms)

Mrs. Thayalini Thavamannan - Member
Chief Internal Auditor (Power)

Mrs. Hasitha Paragahagoda - Member
Legal Officer

**Investigation on the alleged incident with regard to the quality of the coal supply (2025/2026) of the Lakvijaya Power Plant**

This refers to the above matter.

Accordingly, you are hereby appointed as the Chairman/member of the Special Committee to investigate the alleged incident with regard to quality of the coal supply (2025/2026) of the Lakvijaya Power Plant.

Please submit your report within two (02) weeks from the date of this letter.

Prof. K T M Udayanga Hemapala
Secretary

செயலாளர் / Secretary Tel: (+94)-11-2370115 Fax: (+94)-11-2372115
அமைச்சு / Ministry Tel: (+94)-11-2574922 (+94)-11-2574880 (+94)-11-2574743
இணையதளம் / Website www.powermin.gov.lk

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11.02.2026

Secretary
Ministry of Energy

23 FEB 2026

# Report on the quality of the coal supply (2025/2026) of the Lakvijaya Power Plant

1. Undersigned committee has been appointed by the Secretary, Ministry of Energy by his letter no. PE/TEN/SLHPC/SP/2025/27 vol ii dated 12.01.2026 *(Annexure 1)*. The committed has been mandated to examine the alleged incident with regard to quality of the coal supply (2025/2026) of the Lakvijaya power plant.

2. The committee visited Lanka Coal Company (LCC) and met Mr. Namal Hewage, General Manager, Mr. Ajith Arachchige, Finance Manager and Mr. Sujantha Ranasinghe, Procurement Manager of LCC to gather the required information.

3. Background of the incident
   A tender was floated by LCC on 18.08.2026 for supply of 1.5 million ± 10 % of thermal coal for Lakvijaya Power Plant during the period of December 2025 to May 2026. Bids were closed on 15.09.2025. Cabinet of Ministers granted approval on 27.10.2025 to award the said coal supply contract to M/s Trident Chemphar Limited of India. Subsequently coal supply agreement was executed on 19.11.2025 between the supplier and LCC. Accordingly 25 coal shipments have been scheduled to receive at Puttalam anchorage up to April 2026.

   First, second and third shipments of coal under this tender were arrived at Puttalam on 30.12.2025, 04.01.2026 and 16.01.2026 respectively. Quality of coal contained in the first shipment was challenged by several parties based on the performance of the power plant with the operation of direct feeding of the coal brought in the first shipment and test report of the power plant laboratory.

4. Specifications and reject values of the coal are given in Section 5.1 and 5.2 of the Bidding Document respectively which is a part of the coal supply agreement. Both loading port and discharging port test report were examined by the Committee. It was found that loading port test results conform with the specifications.

5. A summary of the discharge port results with the comparison of LCC reject values is given below.

| Parameter | LCC Reject Value | As Received Basis | | |
|---|---|---|---|---|
| | | 1st Shipment | 2nd Shipment | 3rd Shipment |
| Gross Calorific Value | Less than 5,900 kCal/kg | **5,520** | 6,017 | 5,928 |
| Total Moisture | More than 16% by weight | 8.48 | 7.94 | 8.06 |
| Ash Content | More than 16% by weight | **20.52** | 15.35 | 15.53 |
| Volatile Matter | Less than 22%, More than 39.9% by weight | 21.16 | 24.90 | 24.54 |
| Sulphur Content | More than 1% by weight | 0.58 | 0.65 | 0.56 |
| HGI | Less than 40, More than 59 | 58 | 55 | 58 |
| Size Consist: a) Above 50mm | More than 5% by weight | 1.44% | 1.10% | 1.17% |
| b) Below 2mm | More than 30% by weight | 25.10% | 24.13 | 24.44% |

6. It is observed that only first shipment has deviations from the LCC reject values. Section 3.4.3 (b) of the bidding document addressed such occurrences of "failure to meet specifications". Further, remedial measures including enforcing of penalties have also been provided in the subsequent sections of the bidding document.

7. It is prudent to abide the provisions of Coal Supply Agreement to handle this issue since already a formal legally binding contact has been executed between LCC and the Supplier.

11/02/2026

K.L.R.C.Wijayasinghe
Chairman to the Committee

Thayalini Thavamannan
Member to the Committee

Hasitha Paragahagoda
Member to the Committee

Annexure 01

Coal supply Tentative schedule for the season 2025-2026
CEB Coal quantity requirement - 2.16 MMT +/-10%

| Vessel number | ETA Schedule | Actual arrival at | BL number | Vessel Name | Present Status | BL Quantity (MT) | Cumulative Quantity | Quantity to be supply (MT) |
|---|---|---|---|---|---|---|---|---|
| 1 | 15-Sep-25 | | 1 | Porto Fiscardo | Unloaded | 54,200 | 54,200 | 560,880 |
| 2 | 20-Sep-25 | | 2 | Bulk Orianna | Unloaded | 54,000 | 108,200 | 506,880 |
| 3 | 26-Sep-25 | | 3 | IVY Gold -(IVY Blue) | Unloaded | 53,240 | 161,440 | 453,640 |
| 4 | 2-Oct-25 | | 4 | Fuhang | Unloaded | 55,550 | 216,990 | 398,090 |
| 5 | 8-Oct-25 | | 5 | Hua Rong 26 | Unloaded | 65,300 | 282,290 | 332,790 |
| 6 | 14-Oct-25 | | 6 | Queen Win | Unloaded | 54,950 | 337,240 | 277,840 |
| 7 | 20-Oct-25 | | 7 | Tiger Hebei | Unloaded | 62,182 | 399,422 | 215,658 |
| 8 | 26-Oct-25 | | 8 | Rimau Perkasa | Unloaded | 55,296 | 454,718 | 160,362 |
| 9 | 1-Nov-25 | | 9 | Dato Lucky | Unloaded | 55,500 | 510,218 | 104,862 |
| 10 | 7-Nov-25 | | 10 | G Putuo | Unloaded | 55,300 | 565,518 | 49,562 |
| 11 | 13-Nov-25 | | 11 | Tiger Pioneer | Unloaded | 61,800 | 627,318 | -12,238 |
| [illegible] | 19-Nov-25 | 4 shipments suspended - Canceled | | | | | 225000 +/- 10% | |
| [illegible] | 25-Nov-25 | | | | | | | |
| [illegible] | 01-Dec-25 | | | | | | | |
| [illegible] | 07-Dec-25 | | | | | | | |
| 1 | 23-Dec-25 | 30-Dec-25 | 12 | Ceylon Breeze | Unloaded | 59831 | 59831 | 1440169 |
| 2 | 28-Dec-25 | 4-Jan-26 | 13 | NS GUANGZHOU | Unloding | 60639 | 120470 | 1500000 |
| 3 | 2-Jan-26 | 16-Jan-26 | 14 | Xing Hong Bao Sha | unloading | 55000 | 175470 | 1324530 |
| 4 | 7-Jan-26 | 21-Jan-26 | 15 | Ceylon Princes | unloading | 61285 | 236755 | 1263245 |
| 5 | 12-Jan-26 | 24-Jan-26 | 16 | Unicorn | Anchorage | 54074 | 290829 | 1209171 |
| 6 | 17-Jan-26 | 28-Jan-26 | 17 | Leyla Aksoy | Unloading | 59174 | 350003 | 1149997 |
| 7 | 22-Jan-26 | 5-Feb-26 | 18 | Conon | Sailing | 56007 | 406010 | 1093990 |
| 8 | 27-Jan-26 | 8-Feb-26 | 19 | NS GUANGZHOU | Sailing | 60319 | 466329 | 1033671 |
| 9 | 1-Feb-26 | 13-Feb-26 | 20 | Ceylon Breeze | Sailing | 60415 | 526744 | 973256 |
| 10 | 6-Feb-26 | 15-Feb-26 | 21 | MERCURY SKY | Sailing | | 526744 | 973256 |
| 11 | 11-Feb-26 | 02-03-26 | 22 | YASA MARS | Sailing to RBCT | | | |
| 12 | 16-Feb-26 | | 23 | ULTRA CONFIDENCE | Sailing to RBCT | | | |
| 13 | 21-Feb-26 | | 24 | Ceylon Prencess | Sailing to RBCT | | | |
| 14 | 26-Feb-26 | | 25 | ILENAO | Sailing to RBCT | | | |
| 15 | 3-Mar-26 | | | TBN | To be nominated | | | |
| 16 | 8-Mar-26 | | | TBN | To be nominated | | | |
| 17 | 13-Mar-26 | | | TBN | To be nominated | | | |
| 18 | 18-Mar-26 | | | TBN | To be nominated | | | |
| 19 | 23-Mar-26 | | | TBN | To be nominated | | | |
| 20 | 28-Mar-26 | | | TBN | To be nominated | | | |
| 21 | 1-Apr-26 | | | TBN | To be nominated | | | |
| 22 | 7-Apr-26 | | | TBN | To be nominated | | | |
| 23 | 12-Apr-26 | | | TBN | To be nominated | | | |
| 24 | 17-Apr-26 | | | TBN | To be nominated | | | |
| 25 | 22-Apr-26 | | | TBN | To be nominated | | | |
| Total | | | | | | | | 2.16 million MT |

*Note: According to the 4 weeks [ 28 days ] bidding period*

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ඔබේ අංකය / உமது இல. / Your No.

දිනය / திகதி / Date 23.01.2026

Cabinet Memorandum No. 15/2026/P

## Cabinet Memorandum

## Emergency Procurement of Coal for Lakvijaya Power Plant, Norochcholai for the season of 2025 – 2026, in case of failure of the current coal supply arrangement

1. **Background**

The 900 MW Lakvijaya Power Plant (LVPP) operates as a base load power plant and generates 40% to 50% of the total electricity requirement of the country. Each unit of the power plant consumes approximately 2,500 metric tons (MT) of coal per day.

Accordingly, the Cabinet memorandum No. 25/1188/825/066 dated 04.07.2025 **(Annexure 1)** has submitted to initial the procurement of coal supply for the season of 2025 – 2026 and the Cabinet of Ministers at its meeting held on 21.07.2025 **(Annexure 2)** decided to grant approval to call for bids from the suppliers registered under Lanka Coal Company (Pvt) Ltd. as a long term procurement to purchase 2.320 million MT± 10% (39 shipments) of Coal for the Lakvijaya Power Plant, Norochcholai for the season of 2025/2026.

By the same Cabinet decision, Cabinet of Ministers directed to take necessary action for the procurement of the most essential quantity of Coal by following section 3.1.8 of the Procurement Guidelines – 2024 for Goods, Works and Non-Consulting Services, in an instance where it appears that an emergency situation which disrupts the supply of coal would arise.

2. **Current situation and Justification**

2.1 As per the cabinet approval to initiate the long-term tender process, bids were called from registered coal suppliers under LCC, following the limited International Competitive Bidding process.

2.2 Accordingly, by considering the Cabinet Memorandum No. 25/1952/825/066-I dated 13.10.2025 **(Annexure 3)**, Cabinet of Ministers at its meeting held on 27.10.2025 **(Annexure 4)** granted approval to award the procurement of supply of 1.5 million MT ±10% of coal, to the Lakvijaya Power Plant for the period from December 2025 to May 2026, to Trident Chemphar Limited, Sy. No. 66 & 67, Miyapur, Hyderabad – 500050, Telangana, India, the lowest evaluated substantially responsive bidder at the base CFR (Puttalam) price of USD 98.59 per MT. The total cost of the procurement is estimated at USD 147,750,000 ±10% (LKR 44.59 billion), as at the date of bid evaluation, excluding price adjustments and applicable taxes.

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2.3 Coal unloading at the Puttalam anchorage can only be possible from mid -September to mid-April of the following year for a period of 210 days with the activation of the southwest monsoon. Approximately 38 - 40 shipments of coal should be brought to the Puttalam Anchorage within the said stipulated time period following the lay can schedule strictly.

2.4 Therefore, it is critically important to complete approximately 35 coal shipments with an average interval of five (05) days to the Puttalam Anchorage prior to the onset of the Southwest Monsoon, i.e. before the end of April 2026, by the present supplier. In accordance with contractual obligations, the load port quality certificate is required to be issued at least four (4) days prior to vessels arrival at the Puttalam Anchorage. The average sailing time from Richards Bay Coal terminal (RBCT) to Puttalam Anchorage is approximately fourteen (14) days.

2.5 As per the letter of General Manager, CEB addressing the Chairman, LCC dated 23.01.2026, updated total coal requirement by LVPP for season of 2025/2026 is 2.160 Mn MT ±10% which could be supplied in 37 shipments. Further, GM/CEB mentioned that the coal stock as at 23.01.2026 is 421,130 MT and it is sufficient for 15.03.2026. **(Annexure 5)**

2.6 However, during the current coal supply process, a material deviation has been occurred between the load port quality certificate and the discharge port quality certificate. Such deviation is a matter of serious concern to the country, as it creates potential national, contractual, operational, and financial implications.

2.7 Accordingly, LCC has informed the supplier to review and verify the load port sampling, testing, and certification process and to provide their detailed observations, explanations, and justifications, with specific reference to the procedures adopted by their nominated load port laboratory. In addition, supplier was informed that their written response should clearly be included the remedial measures they intend to implement in order to prevent reoccurrence of similar incidents in future shipments. Also, supplier has further been informed to ensure that all required certificates and documents should be provided in a timely manner without delay, unlike what was experienced with the first and third shipments under current contract. **(Annexure 6)**

2.8 In case of failure of the current supplier to meet the obligations under the coal supply contract agreement there may be a possibility to occurrence of a shortage of coal which disrupt the continuous operation of the power plant. At present, three shipments have already been unloaded and another five shipments have been accepted. Accordingly, eight shipments (approximately 474,715 MT) would be dispatched. There are provisions in the coal supply agreement to cancel/termination the contract in case of the default or fail to meet the contractual obligations of the supplier. The relevant clauses in the contractual agreement of LCC/25/TT/1 are 3.4.3 & 3.8.2 or 3.11 & 3.12.

2.9 Details are given below;

| Description | Coal Requirement (MT) | Coal Available /Anticipated (MT) |
|---|---|---|
| Total Coal Requirement by LVPP for 2025/26 (Updated Quantity) | 2,160,00 | |
| Coal Supplied by Potencia (previous supplier)- 11 Shipments, the balance of the previous tender | | 627,318 |
| Coal supplied by the Trident Chemphar Limited (current supplier) to date (Up to 3rd Shipment) | | 174,715 |
| Coal to be supplied from the next upcoming shipments under current awarded tender. 4th, 5th, 6th, 7th & 8th shipments | | 300,000 |
| Total anticipated coal available at LVPP coal Yard end of 8th Shipments | | 1,102,033 |
| Anticipated coal shortage for the season | 1,057,967 (about 18 shipments) | |

2.10 In order to overcome any situation that may arise due to non-performance of the current supplier as explained above, it is prudent as requested by GM/LCC, to initiate the process to procure 5 number of shipments of coal (300,000MT ±10%) through an emergency procurement to marginally offset the above shortage.

2.11 Therefore, it is appropriate to initiate the process by calling bids from the existing LCC registered international suppliers by limiting the period allowed to submit bids to one week and to empower the existing SHLPC and BEC appointed for already awarded tender no. LCC/25/TT/1 to handle this emergency procurement. Accordingly, the Tentative Procurement Time Schedule is as follows;

| Description | No of Days |
|---|---|
| Invitation of Bids | 7 |
| Submission of Bids | |
| Evaluation and BEC recommendation & SHLPC approval | 1 |
| Approval of Cabinet & Intimation of Award | 1 |
| Performance Security | 7 |
| 1st Shipment arrival at LVPP (including nomination, Loading and Sailing time) | 36 |
| Total duration for arrival of 1st shipment from date of Cabinet Approval | 54 |

**3. Approval Sought**

**Accordingly, approval of the Cabinet of Ministers is sought for the following;**

**3.1 To call bids from the registered coal suppliers under LCC to procure 05 shipments of coal 300,000MT ±10% through emergency procurement, following the section 3.1.6 of the Procurement Guidelines – 2024 by limiting the bidding period to one (01) week.**

**3.2 To empower the BEC and the SHLPC appointed for the long-term procurement of Coal supply for the LVPP for season of 2025/2026, to proceed this emergency procurement.**

**Eng. Kumara Jayakody**
Minister of Energy
23/01/2026

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# අමාත්‍ය මණ්ඩල කාර්යාලය
# அமைச்சரவை அலுவலகம்
# OFFICE OF THE CABINET OF MINISTERS

**CABINET DECISION** **අමාත්‍ය මණ්ඩල තීරණය** **அமைச்சரவைத் தீர்மானம்**

මගේ අංකය: අමප/26/0172/825/011 2026 පෙබරවාරි මස 03 දින.

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**ක්‍රියා කළ යුතු:**

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**දැනට ක්‍රියාත්මක ගල්අඟුරු සැපයුම් සැලැස්ම අසාර්ථක වූ අවස්ථාවකදී, 2025/2026 වාරය සඳහා නොරෝච්චෝලේ ලක්විජය විදුලි බලාගාරය වෙත සිදුකරනු ලබන හදිසි ගල්අඟුරු ප්‍රසම්පාදනය**

(බලශක්ති ගරු ඇමතිතුමා ඉදිරිපත් කළ 2026-01-23 දිනැති සංදේශය)

2026 ජනවාරි මස 26 දින පැවැත්වුණු අමාත්‍ය මණ්ඩල රැස්වීමේදී ඵලදී තීරණයක් අවශ්‍ය කටයුතු සඳහා මේ සමඟ එවා ඇත.

ජේ.ජයසුන්දර
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55. අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 26/0172/825/011 වූ, "දැනට ක්‍රියාත්මක ගල්අඟුරු සැපයුම් සැලැස්ම අසාර්ථක වූ අවස්ථාවකදී, 2025/2026 වාරය සඳහා නොරෝච්චෝලේ ලක්විජය විදුලි බලාගාරය වෙත සිදුකරනු ලබන හදිසි ගල්අඟුරු ප්‍රසම්පාදනය" යන මැයෙන් බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2026-01-23 දිනැති සංදේශය - (අමප අංක 25/1952/825/066-I පිළිබඳව වූ 2025-10-27 දිනැති අමාත්‍ය මණ්ඩල තීරණයට අදාළව) මෙම රැස්වීමේදී

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මෙම සිටුහුණය සම්බන්ධයෙන් වැඩිදුර පැහැදිලි කර ගැනීමට අවශ්‍ය වේ නම් කරුණාකර 0112325279 හෝ 0112422276 දුරකථන අංක මඟින් අතිරේක ලේකම් විමසිය හැකිය.

සභාගත කරන ලද ඉහත සඳහන් සංදේශය අමාත්‍ය මණ්ඩලය විසින් සලකා බලන ලදී. මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, සංදේශයේ සඳහන් විශේෂික කරුණු සැලකිල්ලට ගෙන, පහත සඳහන් පරිදි අනුමැතිය ලබා දීමට තීරණය කරන ලදී:

(i) ජාතික ප්‍රසම්පාදන කොමිෂන් සභාවේ එකඟතාව ලබා ගැනීමට යටත්ව, ගල්අඟුරු මෙට්‍රික්ටොන් 300,000 ± 10% ක් නැවගත කිරීම් පහක් (05) මගින් භදිසි ප්‍රසම්පාදනයක් ලෙස සපයා ගැනීම පිණිස සංදේශයේ 3 ඡේදයේ 3.1 අනුඡේදයෙහි යෝජිත පරිදි පියවර ගැනීම සඳහා; සහ

(ii) 2025/2026 වාරය සඳහා නොරොච්චෝලේ ලක්විජය විදුලි බලාගාරය වෙත ගල්අඟුරු සැපයීමේ දීර්ඝකාලීන ප්‍රසම්පාදනය වෙනුවෙන් පත් කරනු ලැබ ඇති ලංසු ඇගයීම කමිටුවේ සහ ඉහළ මට්ටමේ ස්ථාවර ප්‍රසම්පාදන කමිටුවේ සේවය ඉහත (i)හි සඳහන් ප්‍රසම්පාදනයට අදාළව ද ලබා ගැනීම සඳහා.

තවද, මෙම තීරණය සම්මත කරනු ලැබූ සේ සැලකීමටත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම පිණිස අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

ක්‍රියා කළ යුතු: බලශක්ති අමාත්‍යාංශය
සභාපති, ලංකා විදුලිබල මණ්ඩලය - සංදේශයේ පිටපතක් යා කොට ඇත.
සභාපති, ඕමාසකික ලංකා ගල්අඟුරු (පුද්ගලික) සමාගම - සංදේශයේ පිටපතක් යා කොට ඇත.

පිටපත්: ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.
අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.
මුදල්, ක්‍රමසම්පාදන සහ ආර්ථික සංවර්ධන අමාත්‍යාංශය - සංදේශයේ පිටපතක් යා කොට ඇත.
සභාපති, ජාතික ප්‍රසම්පාදන කොමිෂන් සභාව - සංදේශයේ පිටපතක් යා කොට ඇත.

ඇමුණුම 62

බලශක්ති අමාත්‍යාංශය
வலுசக்தி அமைச்சு
MINISTRY OF ENERGY

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මගේ අංකය / எனது இல. / My No. PE/TEN/SHLPC/SP/2026/11 | ඔබේ අංකය / உமது இல. / Your No. | දිනය / திகதி / Date 16.03.2026

Cabinet Memorandum No: 31/2026/P

## Cabinet Memorandum

## Emergency Procurement of Coal for Lakvijaya Power Plant, Norochcholai for the season of 2025 – 2026, in case of Failure of the Current Coal Supply Arrangement

### 1. Background

1.1 This refers to the Cabinet Memorandum no 26/0172/825/011 dated 23.01.2026 **(Annexure 1)** and its decision dated 26.01.2026 **(Annexure 2)** Accordingly, Cabinet of Minister granted approval for the following subject to the obtaining of the concurrence of the National Procurement Commission (NPC).

(i) to take action as proposed in sub-paragraph 3.1 in paragraph 3 of the Memorandum, for the procurement of 300,000 ± 10% MT of Coal in five (05) shipments as an emergency procurement, subject to obtaining the concurrence of the National Procurement Commission; and

(ii) to obtain the service of the Bid Evaluation Committee (BEC) and the Standing High Level Procurement Committee (SHLPC) appointed for the long-term procurement of Coal for the Lakvijaya Power Plant, Norochcholai for the season 2025/2026, for the procurement referred to at (i) above as well.

1.2 Concurrence of the NPC was received by the letter dated 10.02.2026 **(Annexure 3)** and it stated as follows;

*Quoted*

*Considering the potential consequences of failing to meet the coal requirement, as outlined in the Memorandum, the Commission decided to inform the Ministry to act in accordance with the Cabinet decision as the Cabinet of Ministers is vested with the authority, under the procurement Guidelines, to deviate from the standard procurement procedure.*

*However, this is contingent on the Ministry highlighting and bringing to the Cabinet's attention on all related concerns such as the practical issues that may arise from conducting another coal procurement if the existing procurement proceeds without any failures.*

*The NPC is also of the view that sustainable long-term solution to such issues lies in the effective implementation of arrangements under the framework agreement.*

*Unquoted*





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2. **Current situation**

2.1 As per the Cabinet decision mentioned above, bids were called on 25.02.2026 from the coal suppliers who have already been registered under Lanka Coal Company (Pvt) Limited. (LCC).

2.2 Considering the request of General Manager of LCC dated 22.02.2026 **(Annexure 4)**, SHLPC has revised the bid closing date from 04.03.2026 to 06.03.2026 without any deviations to the total number of days of the procurement time schedule, subject to submit a Note to the Cabinet to make aware the Cabinet of Ministers on the revision of bid closing date.

2.3 Then, it was planned that if two (02) consecutive shipments are cancelled as at the date of 06.03.2026 (after the report of 9th shipment), then an emergency requirement could be occurred on 06.03.2026 and at that point Standing High Level Procurement Committee (SHLPC) can take a decision regarding the awarding of tender for maximum 05 shipments.

2.4 By the letter of GM/LCC dated 05.03.2026 **(Annexure 5)**, it has been mentioned that LCC is not in a position to open the bids on 06.03.2026 as planned, since the situation at present does not involve a failure of quality of coal of the current supplier. Further, GM/LCC mentioned that a failure of the current supply could be occurred due to delay of approximately five (05) shipments of the current supplier compared to the agreed Expected Time of Arrival (ETA) with the current geopolitical situation of the Middle East. Such deviation of the agreed ETA may cause for a shortage of coal. At the same time, GM/LCC requested to extend the bid opening date up to 11.03.2026 and to open the bids based on the fact that the failure of the current supplier occurs with the delay of coal shipments as stated above.

2.5 Accordingly, SHLPC agreed to extend the bid opening date and approved to extend the bid submission date up to 11.03.2026. Accordingly, the revised Procurement Time Schedule (PTS) without amending is as follows;

| | Description | Days | |
|---|---|---|---|
| 1 | Invitation of Bids | 08+06 | 25-Feb-26 |
| 2 | Submission of Bids | | 11-Mar-26 |
| 3 | BEC Meeting for Evaluation | | 11-Mar-26 |
| 4 | SHLPC approval for contract awarding | | 11-Mar-26 |
| 5 | Performance Security | 07 | 18-Mar-26 |
| 6 | Tentative 1st Shipment arrival at LVPP (including nomination, Loading and Sailing time) | 33 | 20-Apr-26 |
| 7 | Total duration for 1st Shipment arrival | 54 | |

2.6 Bids were opened at 10.00 a.m. on 11.03.2026 and below mentioned six (06) bidders were responded;

(i) Bidder no. 1 - Taranjot Resources (Pvt) Ltd
(ii) Bidder no. 2 - Adithya Birla Global Trading (Singapore) Pte Ltd
(iii) Bidder no. 3 - A2A Trading FZE
(iv) Bidder no. 4 - Potencia L.L.C – FZ
(v) Bidder no. 5 - Visa Resources Pte Ltd.
(vi) Bidder no. 6 - Trident Chemphar Limited.

2.7 Out six (06) bidders who responded, Bidder no. 4 - Potencia L.L.C – FZ and Bidder no. 5 - Visa Resources Pte Ltd. have not submitted bids.

2.8 Then, commercial responsiveness was examined and accordingly,

(i) Bidder no. 2 - Adithya Birla Global Trading (Singapore) Pte Ltd has been determined as non-responsive due to noncompliance with the bid validity period stipulated in the procurement document.

(ii) Bidder no. 6 - Trident Chemphar Limited, the current coal supplier is rejected and not selected due to below mentioned reasons;

- This emergency procurement has been initiated in case of the failure of current coal supply arrangement. The current supplier has experienced delays in delivering shipments and has not adhered to the ETA requirements of the procurement entity. This emergency situation occurred with this delay.
- In price proposal, this bidder has mentioned the main port of loading as "Taboneo Anchorage, South Kalimantan, Indonesia or any safe port. However, in the technical and commercial proposal, this bidder has mentioned an alternative port other than the main port. Therefore, there is an ambiguity between information provided in financial proposal and technical & commercial proposal.
- Non-collusion affidavit has not been signed by the bidder.
- This bidder has sent an email after the bid opening stating that there had been an inadvertent clerical error in the bid price submitted by the bidder at the bid opening. As per the clause 2.12.7. of the procurement document of this procurement and this kind of effort has been considered as a major deviation. Also, in terms of the clause 2.12.3, this kind of circumstance may lead to the disqualification of the bid.

2.9 Then, further evaluation of the price bids was done and summary is as follows;

| Bidder | Coal FOB Trimmed price USD/MT | Freight USD/MT | CFR price USD/MT | Ranking |
|---|---|---|---|---|
| Bidder no. 1 - Taranjot Resources (Pvt) Ltd | 118.00 | 24.00 | 142.00 | 1 |
| Bidder no. 2 - Adithya Birla Global Trading (Singapore) Pte Ltd | 124.20 | 22.75 | 146.95 | Rejected as per 2.8 (i) above |
| Bidder no. 3 - A2A Trading FZE | 147.30 | 27.00 | 174.00 | 2 |
| Bidder no. 6 - Trident Chemphar | 103.40 | 18.00 | 121.40 | Rejected as per 2.8 (ii) above |

2.10 Accordingly, as per the recommendations of BEC dated 13.03.2026, SHLPC recommenced to award the bid to supply 300,000 ± 10% MT of coal to Lakvijaya Power Plant during the month of April 2026 – May 2026 to Bidder no. 1 - Taranjot Resources (Pvt) Ltd, No. 602, Rajhans Montessa, Dumas Road, Magdalla, Surat Gj 395007, India who has submitted the substantially

responsive lowest evaluated bidder at the CFR (Puttalam) price of USD 142.00 per MT, if the current supplier fails to supply as per the agreement subject to the approval of the Cabinet of Ministers.

(Total CFR cost of this procurement without price adjustment and relevant taxes will be around USD 42.60 million which is approximately LKR 13,254 million)

**3. Observations and Justification**

3.1 As per the financial evaluation, the substantially responsive lowest evaluated bidder is Bidder no. 1 - Taranjot Resources (Pvt) Ltd. and this bidder has offered the below mentioned prices;

| Item | USD/MT |
|---|---|
| FOB price of coal | 118.00 |
| Freight up to Puttalam Anchorage | 24.00 |
| Total CFR Price (at sight) | 142.00 |

3.2 It is observed that total CFR price of the current supplier is 112.86 USD/MT (as at 06.03.2026) which is a lower value than aforementioned Bidder no. 1 - Taranjot Resources (Pvt) Ltd. However, the prevailed geopolitical situation may cause a considerable fluctuation of the FOB price and the freight.

3.3 Price comparison of Bidder no. 1 - Taranjot Resources (Pvt) Ltd. vs current supplier Trident Chemphar Limited

| Supplier | FOB (P/MT) | Freight (P/MT) | CFR (P/MT) |
|---|---|---|---|
| Taranjot Resources (Pvt) Ltd ** **(This is a fixed price until bid validity period of 20.03.2026)** | 118.00 | 24.00 | 142.00 |
| Trident Chemphar Limited * **(Index price (FOB & Freight) of current supplier as 06.03.2026)** | 98.22 | 14.64 | 112.86 |

*In view of the drastic upward trend in the market, FOB and freight prices are highly likely to increase further towards April.

** Taranjot's fixed price has been determined considering the anticipated market price at the time of supply in April.

Note: As the index has been issued only up to 2nd week of March, it is challenged to predict Trident's ongoing FOB and freight prices.

3.4 This price is a projected estimate based on the Argus coal index prices available as at 06.03.2026. The actual monthly average price can only be determined after the end of March, and as per the actual price adjustment for coal will be carried out based on the applicable monthly average Argus coal indices prices.

3.5 It is noted that the prices received under the emergency procurement process are approximately USD 30 per metric ton higher than the price under the existing supply agreement as at bid opened date. Proceeding with emergency procurement at this significantly higher price could result in a

substantial additional cost. Furthermore, as the supply is to be delivered during April, and given the rapidly changing nature of the current geopolitical crisis, predicting price fluctuations with accuracy is difficult.

3.6 As per the latest letter received from the present supplier, Trident Chemphar Limited, 1.5 million MT ±10% of coal can be delivered to Puttalam Anchorage through 26 shipments, as communicated in LCC's letter dated 13.03.2026. Although the supplier had earlier deviated from the agreed Estimated Time of Arrival (ETA) for approximately six (6) shipments, they have now formally reconfirmed their commitment to supply the full contractual quantity in accordance with the coal supply agreement and have provided an updated shipment schedule to regularize deliveries, subsequent to the initiation of the emergency procurement process.

3.7 In the event that the award is made to the lowest selected supplier under this emergency procurement process, the existing supplier's remaining shipment schedule would either need to be shifted to the beginning of the next coal season.

3.8 Due to the exiting supplier's deviations from the agreed shipment schedule, coal unloading is now expected to extend from the end of April into May, coinciding with the onset of the southwest monsoon, which typically results in slightly rougher sea conditions than normal. Further, the agreements with Ceylon Shipping Corporation and the barge/lightering operators are set to expire on 31.05.2026.

3.9 During the recent SHLPC meeting, officials from LCC, CSC, and LVPP noted that, based on past experience, coal unloading operations have generally been successfully completed by 10th to 15th May in most years, even under challenging sea weather conditions. In exceptional cases, such as in 2023-2024, unloading was extended until mid-June amidst the southwest monsoon due to rough sea conditions, yet the discharge process was still completed and any additional costs incurred were borne by the supplier.

3.10 As a precautionary measure, LCC has requested updated weather forecasts from the Department of Meteorology to assess potential risks and ensure safe and timely unloading operations.

3.11 **The validity period of this emergency procurement bid expires on 20.03.2026, and any decision regarding the award must be made before this date.** Furthermore, as this is an emergency procurement, suppliers are unlikely to hold the offered price for an extended period, particularly in view of the prevailing geopolitical tensions affecting global energy markets.

3.12 However, it is observed that SHLPC is also in the view that it is prudent to diversify the supply source by having more than one coal supplier for a coal supply season considering the energy security of the country and to avoid the risk at the supply disturbance. Therefore, it is appropriate to consider this point in future decision making by giving due consideration for the "Framework Agreement" method stipulated in sec.5.24 of the Procurement Guidelines – 2024 which is also highlighted in the letter of NPC dated 10.02.2026.

**4. Recommendation**

Considering the recommendations of SHLPC given at its meeting held on 13.03.2026 (**Annexure 6**), I recommend as follows;

4.1 To award the bid to supply 300,000 ± 10% MT of coal to Lakvijaya Power Plant during the month of April 2026 – May 2026 to Bidder no. 1 - Taranjot Resources (Pvt) Ltd, No. 602, Rajhans Montessa, Dumas Road, Magdalla, Surat Gj 395007, India who has submitted the substantially responsive lowest evaluated bidder at the CFR (Puttalam) price of USD 142.00 per MT, if the current supplier fails to supply as per the agreement.

Total CFR cost of this procurement without price adjustment and without relevant taxes will be around USD 42.60 million which is approximately LKR 13,254 million (42.60 x 311.1244)

*Note: as at 11/03/2026 indicative Exchange declared by CBSL USD-LKR rate 311.1244*

4.2 If 4.1 above is approved; then to proceed with the following as recommended by the SHLPC at the meeting held on 13.03.2026;

(i) To adjust the FOB Trimmed price of coal per MT payable to the successful bidder as per the Coal quality price adjustments according to the Clause 5.5. and 5.6 of the Bidding document.

(ii) To approve "Any World Safe Port (AWSP)" as alternative port which has been indicated by the bidder, considering the current geopolitical situation.

(iii) To pay all other charges pertaining to this procurement including but not limited to banking charges, clearing charges as at actual and PAL (Port and Airport development Levy) & VAT as per the CusDec (Customs Declaration) as applicable.

**5. Approval Sought**

**Approval of the Cabinet of Ministers is sought for 4.1 and 4.2 above.**

**Eng. Kumara Jayakody**
Minister of Energy
12./03/2026

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OFFICE OF THE CABINET OF MINISTERS

ලොයිඩ්ස් ගොඩනැගිල්ල, ශ්‍රීමත් බාරන්ස් ජයතිලක මාවත, කොළඹ 01.
லொயிட்ஸ் கட்டடம், சேர் பாரோன் ஜயதிலக மாவத்தை, கொழும்பு 01.
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திகதி
Date
2026-03-17

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අමාත්‍ය මණ්ඩල තීරණය

2026-03-16 දින පැවති අමාත්‍ය මණ්ඩලයේ රැස්වීමේ වාර්තාවේ විෂය අංක (57) හි උද්ධෘතයක් පහත දැක්වේ.

විෂය අංකය: (57)

අමාත්‍ය මණ්ඩල පත්‍රිකා අංක 26/0521/825/011-I වූ, "2025/2026 වාරය සඳහා තොරොවිවෙව්ලේ ලක්ෂ්‍යය ගල්අඟුරු විදුලි බලාගාරය වෙත ඕදු කරනු ලබන භදිසි ගල්අඟුරු ප්‍රසම්පාදනය" සම්බන්ධයෙන් බලශක්ති ඇමතිතුමා ඉදිරිපත් කළ 2026-03-16 දිනැති සංදේශය - (අමප අංක 26/0172/825/011 පිළිබඳව වූ 2026-01-26 දිනැති අමාත්‍ය මණ්ඩල තීරණයට අදාළව) මෙම රැස්වීමේදී සභාගත කරන ලද ඉහත සඳහන් සංදේශය අමාත්‍ය මණ්ඩලය විසින් සලකා බලා ලදී. මේ පිළිබඳව සාකච්ඡා කිරීමෙන් අනතුරුව, පහත සඳහන් පරිදි අනුමැතිය ලබා දීමට තීරණය කරන ලදී:

(I) 2025/2026 වාරය සඳහා වන ගල්අඟුරු අවශ්‍යතාව සපුරා ගැනීමට හැකි වන පරිදි සංදේශයේ 4 ඡේදයේ 4.1 අනුඡේදයෙහි නිර්දේශිත ගල්අඟුරු මෙට්‍රික්ටොන් 300,000±10% සැපයීම පිණිස වන ප්‍රසම්පාදනය ඉන්දියාවේ Taranjot Resources (Pvt) Ltd. වෙත ප්‍රදානය කිරීම සඳහා; සහ

(II) සංදේශයේ 4 ඡේදයේ 4.2 අනුඡේදය යටතේ සඳහන් (i), (ii) සහ (iii)හි නිර්දේශිත පරිදි කටයුතු කිරීම සඳහා.

කවිද, මෙම තීරණය සම්මත කරනු ලැබූ සේ සැලකීමටත්, ඒ අනුව අවශ්‍ය කටයුතු සඳහා අදාළ බලධාරීන් වෙත මෙම තීරණය දන්වා යැවීම පිණිස අමාත්‍ය මණ්ඩලයේ ලේකම්ට බලය පැවරීමටත් තීරණය කරන ලදී.

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මගේ අංකය
எனது இல.
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අතිරේක ලේකම්
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Senior Assistant Secretary
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+94 11 2431011
+94 11 3136673

පිටපත් යවා ඇත්තේ කරුණාවෙන් කාරුණික වැඩ සඳහා ය.

| | |
|---|---|
| ක්‍රියා කළ යුතු: | බලශක්ති අමාත්‍යාංශය<br>සභාපති, Electricity Generations Lanka (Private) Limited - සංදේශයේ පිටපතක් යා කොට ඇත.<br>සභාපති, සිමාසහිත ලංකා ගල්අඟුරු (පුද්ගලික) සමාගම - සංදේශයේ පිටපතක් යා කොට ඇත. |
| පිටපත්: | ජනාධිපති ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.<br>අග්‍රාමාත්‍ය ලේකම් - සංදේශයේ පිටපතක් යා කොට ඇත.<br>මුදල්, ක්‍රමසම්පාදනා සහ ආර්ථික සංවර්ධනා අමාත්‍යාංශය<br>සභාපති, ජාතික ප්‍රසම්පාදනා කොමිෂන් සභාව - සංදේශයේ පිටපතක් යා කොට ඇත.<br>සභාපති, ප්‍රසම්පාදනා අභියාචන මණ්ඩලය - සංදේශයේ පිටපතක් යා කොට ඇත. |

ජේ. ජයසුන්දර
අමාත්‍ය මණ්ඩලයේ අතිරේක ලේකම්

අත්.නලේ/ඩබ්ලිව්.එම්.ඩී.ජේ. ප්‍රනාන්දු
අමාත්‍ය මණ්ඩලයේ ලේකම්

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

# NOTIFICATION OF AWARD - LETTER OF ACCEPTANCE

**Date:** 18th March, 2026

**To:** Taranjot Resources (Pvt) Ltd
No. 602, Rajhansh Montessa, Dumas Road,
Magdalla, Surat Gujarat 395007
India

**Subject: Letter of Award – Supply of 300,000MT ±10% of Coal for Lakvijaya Coal Power Plant, Sri Lanka under BID Ref: LCC/25-26/EP/1**

We refer to your bid submitted on 11/03/2026 for the above-referred procurement.

Based on the decision of the Standing High Level Procurement Committee (SHLPC), we are pleased to award your company, **Taranjot Resources (Pvt) Ltd** the contract for the supply of **300,000MT ±10% of coal** under the following terms:

1. **Contract Rates:**

   - **CFR Fixed Price:** USD 142.00 *(United States Dollars One Hundred and Forty-Two Only)* per MT
   - **FOB Fixed Price:** USD 118.00 *(United States Dollars One Hundred and Eighteen Only)* per MT
   - **Freight Component (Fixed) :** USD 24.00 *(United States Dollars Twenty-Four Only)* per MT

2. **Price Adjustment:**

   Price adjustment based on Coal Quality shall be applied in accordance with Clause 5.5 and 5.6 of the Procurement Document.

**You are requested to take immediate action** as per the terms and conditions of the Procurement Document and the Coal Supply Agreement, including but not limited to:

1. **Performance Security** – Submit a Performance Security of **USD 4,260,000/=** (*United States Dollars Four Million Two Hundred and Sixty Thousand Only*) as per Clause 3.17

2. **Nomination of an accredited and internationally recognized Independent Surveyor** – Provide details of the nominated Independent surveyor (within the Country of Loading Port) acceptable to the buyer, as per Clause 3.5.1 (B)

3. **Nomination of Accredited Laboratories** – Submit the list of accredited laboratories acceptable to the buyer for reference sample testing, as per Clause 3.5.3 and Annexure 11.



No:51/3, Suranimala Place, Off-Dutugemunu Street, Kohuwala/Dehiwala, Sri Lanka. | Tel: +94 11 2 824 681/2 Fax: +94 11 2 824 689 | www.lankacoal.lk
A Subsidiary of Ceylon Electricity Board, Registration Number: PV 62636

4. **Discharge Port Independent Surveyor** – *Ms. Cotecna Inspection India (Pvt) Ltd* is appointed for this coal season.

**Additional Instructions:**

- Shipments shall be arranged in accordance with Clause 2.7 *(Delivery Schedule)* of the procurement Document.
- The **Expected Time of Arrival (ETA)** for the 2025–2026 coal season is as given in 2.7 d)
- The load port certificate format will be as provided in 5.17 of the schedules.
- All supplies shall originate **only from the main port of RBCT South Africa.**
- The date for signing the Coal Supply Agreement will be confirmed upon establishment of the Performance Security.

We trust that you will take all necessary measures to fulfill your contractual obligations to the satisfaction of **Lanka Coal Company (LCC)** and the **Electricity Generation Lanka (Private) Limited (EGL).**

General Manager
Lanka Coal Company (Pvt) Ltd
On behalf of Standing High Level Procurement Committee (SHLPC)

## 3.5. DETERMINATION OF QUALITY OF COAL DELIVERED

3.5.1. Standards of the analysis and selection of independent surveyor at ports.

A. Standards of The Analysis

Each shipment of Coal will be sampled at the Port of Loading and at the Jetty of the Plant in accordance with the ASTM standards (American Society for Testing Materials Standards) as specified in Clause 5.3.

B. Selection of Independent Surveyor at the Port of Loading

At the Port of Loading, the analysis of samples shall be carried out by an accredited and internationally recognized Independent Surveyor appointed by the seller, acceptable to buyer in accordance with the ASTM standards (American Society for Testing Materials Standards). Such accreditation must be verified by the appropriate Sri Lankan foreign mission or chamber of commerce in the country supplying the coal.

Sample of Coal taken at the port of loading shall be divided into two (2) parts, with one (1) such part to be used for the analysis of the sample by the Independent Surveyor. **The second (2nd Part)** sample shall be retained in a suitable airtight container, properly labelled and sealed, for not less than ninety (90) days from the date of B/L of each vessel. The Buyer may appoint another Independent Surveyor, acceptable to the Seller, who shall be permitted to supervise the sampling at the Port of Loading. Two (2) authorized representatives of the buyer shall be permitted to supervise the sampling & analysis process at the Port of Loading at random basis approximately one (1) visit in every five (5) shipments basis and the Seller shall facilitate to the above process.

Furthermore, the testing of a second sample (2nd Part) shall be carried out, when necessary, by an accredited independent surveyor appointed by the buyer at the Port of Loading on a random basis, and the seller shall facilitate this process.

The Seller shall provide via electronic transmission to the Buyer certificates of analysis, from the Independent Surveyor, within Five (05) working days after date of BL. In the event of the vessel arrived before receiving the load port certificates,

unloading shall not be permitted, then the seller shall be responsible for all the expenses incurred due to the delay.

At the time of signing the Agreement both parties shall agree the list of such accredited laboratories.

C. **Selection of independent surveyor at discharge port.**

Similarly, At the Jetty of the Plant, the analysis of samples shall be carried out by an accredited and internationally recognized Independent Surveyors appointed by the Buyer, acceptable to seller in accordance with the ASTM Standards. The Seller may appoint another Independent Surveyor, acceptable to the Buyer, who shall be permitted to supervise the sampling at the Port of Jetty of the Plant. Two (2) authorized representatives of the seller shall be permitted to supervise the sampling & analysis process at the Jetty of the Plant at random and the buyer shall facilitate to the above process.

Sample of Coal taken at the Jetty of the Plant shall be divided into two (2) parts, one (1) such part to be used for the analysis by the appointed Independent Surveyor. The remaining part shall be available as a Reference Sample and shall be retained by the appointed Independent Surveyor. **The second (2nd Part)** sample will be kept in a suitable airtight container, properly labelled and sealed, for not less than ninety (90) days from the date of unloading completion of each and every vessel under the joint lock and joint custody of both buyer and seller.

The Buyer shall provide discharge port Draft Surveying, Sampling and Analysis certificates via electronic transmission to the Seller, from the Independent Surveyor, within four (4) working days after receipt of such certificates from the independent surveyor at discharge port. The Independent Surveyor is obliged to issue the discharge port certificates within 10 days from the date of completion of each vessel's discharge.

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Office of the Additional General Manager (Generation Division)
Ceylon Electricity Board,
Generation Headquarters,
New Kelani Bridge Road,
Kolonnawa. 61342

Date: February 26, 2026

My Ref: LVPP/PPM/GEN-12/27

Assistant Auditor General
Government Audit Office, CEB

Through,
General Manager (CEB)

**Requesting Information regarding the Laboratory Established at Lakvijaya Power Plant**

This refers to your letter no. PWR/A/CEB/Info/2026/41 dated 12.02.2026 regarding the above subject.

The requested information are given below,

1. Year of construction and year of commencement of operational works of the laboratory.
   The laboratory was constructed under Phase 1 of the 300MW Puttalam Coal Power Project and the operational works were commenced in 2011.
2. Details on the test performed by the laboratory.
   Please refer to Annexure 01
3. Whether the manpower attached to the laboratory are qualified to carry out a sample test on unloading coal.
   Yes
4. Whether any decision had been made by referring to the quality reports of unloading cola previously? If yes, please specify
   No.
5. Present cadre attached to the laboratory with relevant employees number and designation with their qualifications for performing such test.
   Please refer Annexure 02

Eng. P.W. Bamunusinghe
AGM (Generation) – Covering Up

**Copy :** Power Plant Manager (LVPP) - f.i.p.

Tel: (+94 11) 243 4197 Fax: (+94 11) 244 5286 e-mail: agmgen@ceb.lk

# DETAILS ON THE TESTS PERFORMED BY THE LABORATORY

| No. | Name of the Test | Type of Material Tested | Purpose od Testing | Standard Used | Whether Standardized Equipment are used | Commencement date of such Test | Whether the tests are also performed by another party | To Whome reports are submitted | Frequency of testing |
|---|---|---|---|---|---|---|---|---|---|
| 1 | pH | Steam samples (8 samples per unit) | To maintain pH of steam phase and water phase at a level which may minimize the acidic or basic corrosion of metal tubes | pH buffers | YES | Since the power plant began operation | No | DCS CE(SEC) | Once in every 3 hours when all units run under normal conditions or Once in every hour or twice in every hour during special situations (such as start-up of a unit) |
| | | Desalination plant and RO2 plant, inlet & outlet sample per RO unit | pH measurement will help to maintain correct pH which need to operate perfect performance | pH buffers | YES | Since the power plant began operation | No | None | Once per day |
| | | Intake & discharge samples | To monitor of intake water and Discharge Water | pH buffers | YES | Since the power plant began operation | No | C.E. ( CM & PM ) | Four times per day for all three units per month |
| 2 | Total Conductivity | Steam samples | Provides a rapid and reasonably accurate method for determining steam purity | Conductivity standard | YES | Since the power plant began operation | No | DCS CE(SEC) | Once in every 3 hours when all units run under normal conditions or Once in every hour or twice in every hour during special situations (such as start-up of a unit) |
| | | Desalination plant and RO2 plant, inlet & outlet sample per RO unit | To maintain better performance of RO membranes. | Conductivity standard (100 µS/cm) | YES | Since the power plant began operation | No | None | Once per day |
| | | Total Conductivity (for Demineralized water tanks, one sample per tank) | Conductivity is an alternative measure of purity of Demineralized water. Like pH, measuring the conductivity in demineralized water tank also helps to quality control the boiler make up water. | conductivity standard (100 µS/cm) | YES | Since the power plant began operation | No | None | Once per day for two tanks |
| | | Conductivity (for condensate polishing plant outlets, 3 nos each per one unit) | At the point of exhaustion, conductivity will increase in the outlets of ion beds. Therefore, conductivity is an alternative measurement of identification of exhaustion. On the other hand, it can continuously monitor whether ion beds functioning in a good condition or not by measuring the conductivity. | conductivity standard (100 µS/cm) | YES | Since the power plant began operation | No | None | Three times per day for all 3 units |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Sodium Level | Steam samples | Provides a rapid and reasonably accurate method for determining steam purity. | pNa 2, pNa 3 standard | YES | Since the power plant began operation | No | DCS/ CES/SEC) | Once in every 3 hours when all units run under normal conditions or Once in every hour or twice in every hour during special situations (such as start-up of a unit) |
| | | Sodium (for cation beds & mix beds of IBOZ plant, 3 cation bed & 3 mix bed samples under working basis | Cations are exchanged for hydrogen ions in the bed until all the hydrogen ions in the bed have been removed. At this stage (known as resin bed exhaustion) the levels of dissolved solids in the water will increase. Monovalent cations such as sodium ($Na^+$) are the first ions to breakthrough when cation resin exhaustion occurs. The ability of the sodium monitors to detect very low levels of sodium makes it a much more sensitive method of detecting resin exhaustion than conductivity. It is essential that the sodium concentration in the final water is kept as low as possible to minimise thermal losses due to blowdown. The same story proceeds with the mix beds. | pNa 2, pNa 3 standard | YES | Since the power plant began operation | No | None | Once per day |
| | | Sodium (for condensate polishing plant outlet) 3 mix beds per one unit) | Mix beds consist both cation & anion exchange resins. At the exhaustion point, the levels of dissolved solids in the water will increase. Monovalent cations such as sodium ($Na^+$) are the first ions to breakthrough when cation resin exhaustion occurs. The ability of the sodium monitors to detect very low levels of sodium makes it a much more sensitive method of detecting resin exhaustion than conductivity. It is essential that the sodium concentration in the final water is kept as low as possible to minimise thermal losses due to blowdown. | pNa 2,pNa 3 standard | YES | Since the power plant began operation | No | None | Three times per day for all 3 units |
| 4 | Phosphate Level | Boiler Water Sample | Water contains dissolved salts, which upon evaporation of water forms scales on the heat transfer surfaces. Scales have much lower heat transfer capacity than steel. This leads to overheating and failure of the boiler tubes. Scale also reduces flow area, which increases pressure drop in boiler tubes and piping.Phosphate treatment is suitable down precipitates calcium and magnesium hardness from boiler feed water in the form of hydroxyapatite and serpentine, and thereby act as a scale inhibitor. Measuring Phosphate helps to maintain required level of phosphate concentration in Boiler to fulfill the above fact | phosphate standard | YES | Since the power plant began operation | No | DCS/ CES/SEC) | Once in every 3 hours when all units run under normal conditions or Once in every hour or twice in every hour during special situations (such as start-up of a unit) |
| 5 | Silica | Steam samples | To maintain minimum Silica concentration in steam to prevent unnecessary failures. | Silica standard | YES | Since the power plant began operation | No | DCS/ CES/SEC) | Once per day for each unit |
| 6 | Total Hardness | Steam samples | To maintain low hardness level while keeping low unnecessary blowdowns, low usage & wastage of boiler water, maximum heat transformation | No | No | Since the power plant began operation | No | DCS/ CES/SEC) | Three times per day when all units run under normal conditions |

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|---|---|---|---|---|---|---|---|---|---|
| 7 | Chlorine strength | Chlorination plant Product | To monitor the productivity of Chlorination plant | No | No | Since the power plant began operation | No | CE(A/S) | Once per day for each unit |
| 8 | Turbidity | Ultrafiltration (UF) system | To monitor the efficiency and functionality of UF system; also, can identify the failure and when it needs to be backwashed. | Turbidity standard | YES | Since the power plant began operation | No | None | Once per day |
| 10 | Temperature | At intake & discharge | To determine the temperature of intake water and Discharge Water | No | No | Since the power plant began operation | No | C.E. ( CM & PM ) | Four times per day for all three units per month |
| 11 | Dissolved oxygen | At intake & discharge | To maintain the balance of water quality between intake and discharge. | No | No | Since the power plant began operation | No | C.E. ( CM & PM ) | Four times per day for all three units per month |
| 12 | Total dissolved solids | Intake & discharge sample | Monitor the balance of water quality between intake and discharge test to the environmental standards | No | No | Since the power plant began operation | No | C.E. ( CM & PM ) | Four times per day for all three units per month |
| 13 | Jar test | Sea Water, Desalination Plant Intake Sample | To estimate the minimum coagulant dose (PAC & PE) required to achieve maximum B-ovulum vibrio i to eliminate maximum suspended solids out from sea water | No | No | Since the power plant began operating | No | CE(A/S) | As per request |
| 18 | Strength analysis (for receiving vendor chemicals | such as PAC, Sodium hydroxide, Hydrochloric acid, Sodium sulfite, Carbohydrazide, Ammonia, EDTA, Sodium hypochlorite, Tri sodium phosphate) | Analyzes the strength of vendor chemicals used in power plant applications are verifies their compatibility with relevant CEB specifications | No | No | power plant began | No | C.E. ( CM & PM ) | Receiving basis |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 19 | ICP-MS analysis | Iron content in steam cycle | Iron, the most raw element of almost all water tubes containing in steam cycle, dissolves in response to pH rebalancing and oxygen dissolution in water or in steam. Thereby the strength of the structure reduces with time. The long term impact of this reaction might lead to a tube failure or a catastrophic accident. Therefore analyzing dissolved iron content in steam/water is so important in the aspect of long life of the power plant. | Iron standard | Yes | From 2024 | No | C.E. ( CM & PM ) | Once per month |
| | | Heavy metals in well water samples | For environmental monitoring purposes | Single element standards (Al, As, Ba, Cd, Cr, Pb, Mn, Hg, Zn) | Yes | From 2021 | Yes (Once per every 6 months by EMU) | C.E. ( CM & PM ) | Once per three month. |
| | | Heavy metals in unloading coal | For environmental monitoring purposes | Single element standards (Sb, As, Ba, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn) | Yes | From 2021 | Yes (One sample per every 5 unloading ships) | C.E. ( CM & PM ) | Recurring basis |
| | | Copper level (for station cooling water of each unit) | Station cooling water is contained in a closed loop system that cools the copper stator bars in water-cooled generators. The holes through which the water flows are narrow. Unimpeded flow through all stator bar openings is critical to operation of the generator.<br>Overheating of stator bars can result in reduced generating capacity or even catastrophic failure of the generator.<br>Stator cooling systems contain only deionized water. The cooling loop removes heat from the stator coolers and conveys it away through heat exchangers.<br>Dissolved oxygen and pH of water water play a major role in determining the corrosion product formation rate and transportation rate through the stator cooling system.<br>Deposits of the corrosion products accumulate in critical areas. These deposits are copper oxides released from one area of the stator coolers and deposited in another. The amount of dissolved oxygen in the system, and particularly variations in that oxygen concentration, determines when copper oxides are released.<br>Therefore, measuring Cu will help to monitor whether the cooling system operate under suitable dissolved oxygen and pH level with minimum Cu corrosion. | Cu standard | Yes | From 2019 | No | C.E. ( CM & PM ) | Three days per week for all three units. |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 20 | Coal Fineness | Pulverized coal sample | The parameter symbolized particle size of pulverized coal. It helps to increase and maintain combustion efficiency of boiler operation by optimizing the Pulverizer adjustment within range. | No | Yes | Since 2015 | No | C.E. ( Shift In Charge ) | Once a week when all unit run under normal condition. (Except special situation – Mill Pulverizer maintenance |
| 21 | Kinematic Viscosity of Oils | EH Oil, Lube oil in Turbine & Mills, Feed water Pump oil, FD Fan oil) | The most important physical property of lubricating oil is viscosity. As oil is used, hydrocarbons break down with heat and the viscosity of the oil increases. Monitoring the viscosity is a good indicator and can help determine whether the oil is in need of a change. | No | Yes | Since the power p | No | DCS/ CE(SIC) | Once a month per unit when all unit run under normal condition. (Except special situation – Such as startup of a unit, overhaul maintenance etc.) |
| 22 | Moisture content of Oils | EH Oil, Lube oil in Turbine & , Feed water Pump oil, FD Fan oil) | Larger amount of moisture in the oil may produce emulsions that can plug filters, contribute to the formation of metal-corroding acids, and accelerate oil oxidation | Moisture standard | yes | Since the power p | No | DCS/ CE(SIC) | Once a month per unit when all unit run under normal condition. (Except special situation – Such as startup of a unit, overhaul and maintenance etc.) |
| 23 | Acid value of Oils | EH Oil, Lube oil in Turbine & Booster pump oil | It monitors organic acids and bases respectively that are produced from a combination of heat-generated oxidation products and the breakdown of additives in the used oil | pH buffers & primary standard | yes | Since 2020 | No | DCS/ CE(SIC) | Once a month per unit when all unit run under normal condition. (Except special situation – Such as startup of a unit, overhaul and maintenance etc.) |
| 24 | Demulsibulation value | Lube oil in Turbine, Feed water Pump oil | This test provides a guide for determining the water separation characteristics of oils subject to water contamination and turbulence. | No | No | Since the power plant began operation | No | DCS/ CE(SIC) | Once a month per unit when all unit run under normal condition. (Except special situation – Such as startup of a unit, overhaul and maintenance etc.) |
| 25 | Flash point | EH Oil, Lube oil in Turbine & Mills, Feed water Pump oil, FD Fan oil | To monitor oil quality | Certified Reference Material | yes | Since the power plant began operation | No | DCS/ CE(SIC) | Once a month per unit when all unit run under normal condition. (Except special situation – Such as startup of a unit, overhaul and maintenance etc.) |
| 26 | NAS value of Oils | EH oil, Lube oil | Particles in lube oil have long been recognized as the main cause of failure in hydraulics and rotational machinery. Particles are also a leading indicator of a machine's condition. Because all contaminants in the oil are counted as particles: wear, dirt, and other contaminants. The test provides information on lubricant cleanliness. | Certified Reference Material | yes | Since 2019 | No | DCS/ CE(SIC) | Once a month per unit when all unit run under normal condition. (Except special situation – Such as startup of a unit, overhaul and maintenance etc.) |
| | | Booster pump lube oil, Aeration fan lube oil | To monitor oil quality | Certified Reference Material | yes | | No | DCS/ CE(SIC) | Once a month per unit when all unit run under normal condition |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 27 | LOI ( Loss on ignition) | Fly ash | This test is used to optimize firing system and thermal performance of the boiler while maximizing the revenue from fly ash sales. The may help to mitigate environmental impacts by reducing fly ash dumping directly to environment. | No | NO | Since the power plant began operation | No | DCS CE(SIC) | Once per day |
| 28 | Residue Test | Fly ash | This is a main quality parameter to fly ash buyers. Therefore regular monitoring is needed to maintain fly ash residue content within limits | No | NO | Since the power plant began operation | No | DCS CE(SIC) | Once per day |
| 29 | Calorific value | Unloading coal | The calorific value of coal affects the stability of combustion and the economy of boiler operation, Coal with high calorific value improves the economy of the power plant. | Certified Reference Material | Yes | 2015 | Yes | CE(C& PM) | Once per ship(Except special situations) |
| | | Belt coal | | Certified Reference Material | Yes | Since the power plant began operation | No | DCS CE(SIC) | Once per day |
| 30 | Proximate analysis (Moisture, Volatile matter, Fixed carbon content, Ash content) | Unloading Coal | This test use to evaluate combustion efficiency, handling characteristics and overall suitability of coal | Certified Reference Material | yes | Since the power plant began operation | yes | CE(C& PM) | Once per ship (Except special situations) |
| | | Bin Coal | Refer 29 | Certified Reference Material | yes | Since the power plant began operation | No | DCS CE(SIC) | Once per day |
| 31 | S analysis | Unloading coal | It directly impact both plant performance and environmental safety | Certified Reference Material | yes | Since 2021 | Yes | C.E ) CM & PM ) | Once per ship(Except special situations) |

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2026/01/29

Office of the AGM (Generation Division)
Ceylon Electricity Board
Generation Headquarters
New Kelani Bridge Road
Kolonnawa.

Date: January 29, 2026

My Ref: LVPP/PPM/Admin-09/26-01

Assistant Auditor General
Government Audit Office, CEB

Through : General Manager (CEB)

**Requesting Information for Audit Purpose**
**Coal Consumption Rate of Coal Shipment No. 407 to 457**

This refers to your email dated 27.01.2026 regarding the above subject.

I am sending herewith the requested information (Annexure - 01) for your necessary action please.

Eng. D.M.R.K.B. Gunaratne
AGM (Generation)

Eng. D.M.R.K.B. Gunaratne
AGM (Generation)

cc. Power Plant Manager (LVPP) - f.i.&n.a.pl.

Tel: (+94 11) 243 4197 Fax: (+94 11) 244 5286 e-mail: agmgen@ceb.lk

Annexure -01

## Coal Consumption Rate (kg/kWh) for the Shipments 407 to 457

| Shipment No | Vessel Name | Average Coal Rate @ 300MW (kg/kWh) | Remarks |
|---|---|---|---|
| 407 | Karadeniz | 0.375 | |
| 408 | African Pride | 0.375 | |
| 409 | Marmara S | 0.375 | |
| 410 | Hua Rong 26 | 0.375 | |
| 411 | Portic Kiom | 0.375 | |
| 412 | Porthos | 0.375 | |
| 413 | Bulk Orinna | 0.375 | |
| 414 | Meghana Star | 0.375 | |
| 415 | Dailan | 0.375 | |
| 416 | Karadeniz | 0.375 | |
| 417 | AL Oren | 0.375 | |
| 418 | Unicorn | 0.375 | |
| 419 | Yantze Dawan | 0.375 | |
| [illegible] | [illegible] | 0.375 | |
| 421 | Rob FIN | 0.375 | |
| 422 | Anyang 2 | 0.375 | |
| 423 | Glory Tom | 0.375 | |
| 424 | FYM Crestal | 0.375 | |
| 425 | Karadeniz | 0.375 | |
| 426 | Chang Chang Nan Hai | 0.375 | |
| 427 | Bulk Orinna | 0.375 | |
| 428 | Almyros | 0.375 | |
| 429 | Marmara S | 0.375 | |
| 430 | Chang Chang Dan Hai | 0.375 | |
| 431 | Yantze Impression | 0.375 | Average coal rate was considered |
| 432 | Pilatus Marroc | 0.375 | |
| 433 | Dato Lucky | 0.375 | |
| 434 | Yangtze Dawn | 0.375 | |
| 435 | Glory Tom | 0.375 | |
| 436 | Emmanoel | 0.375 | |
| 437 | FYM Crestal | 0.375 | |
| 438 | Bao Express | 0.375 | |

| | | | |
|---|---|---|---|
| 439 | Hua Rong 26 | 0.375 | |
| 440 | Karademos | 0.375 | |
| 441 | NS Dalian | 0.375 | |
| 442 | Mannara S | 0.375 | |
| 443 | Bao shan Glory | 0.375 | |
| 444 | Chang Chang Don Hai | 0.375 | |
| 445 | Porto Fiscardo | 0.375 | |
| 446 | MV African Pride | 0.375 | |
| 447 | Ivy Gold | 0.375 | |
| 448 | Fuhang Voy 01 | 0.375 | |
| 449 | Hua Rong 26 | 0.375 | |
| 450 | Queen Win | 0.375 | |
| 451 | Tiger Hebei | 0.375 | |
| 452 | Rimau perkasa | 0.375 | |
| 453 | Dato Lucky | 0.375 | |
| 454 | G Putuo | 0.375 | |
| 455 | Tiger Pioneer | 0.375 | |
| 456 | Ceylon Breez | 0.401 | Coal rate is estimated @ 300MW since this shipment total quantity is not completely used yet |
| 457 | NS Guangzhou | 0.387 | |

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Gmail

CEB GOV. Audit <poe.c.nao1@gmail.com>

# LVPP Daily Reports_Jan & Feb 2026

**Operation Engineer** <lvps.oe@gmail.com> 12 February 2026 at 12:22
To: "poe.c.nao1@gmail.com" <poe.c.nao1@gmail.com>
Cc: "Chief Engineer (Shift in Charge)" <cesiclvc.gen@ceb.lk>

Please find the attached document of coal mill design specification.
[Quoted text hidden]

**13389915697828.pdf**
770K

| No. | Item | Unit | Design Data | Remarks |
|---|---|---|---|---|
| 5 | Speed | r/min | 1490 | |
| 6 | Adjusting method | | Adjustable moving-blade | |
| 7 | Maximum allowable bearing temperature | ℃ | 80 | |
| 8 | Bearing lubrication mode | | Grease lubrication | |
| 9 | Manufacturer | | Chengdu Power Machinery Factory | |
| **Forced Draft Fan Motor** | | | | |
| 1 | Model | | YKK | |
| 2 | Power | kW | 710 | |
| 3 | Voltage | kV | 6 | |
| 4 | Current | A | 79.3 | |
| 5 | Speed | r/min | 1490 | |
| **Forced draft fan A/B oil station ( Details can be seen in Appendix Diagram F5221S-K0103-08)** | | | | |
| 1 | Maximum pressure | MPa | 12 | Oil level 450mm and oil indicator observing window at about 2/3 |
| 2 | Oil pressure adjustment range | MPa | 0.8~8 | |
| 3 | Fuel tank capacity | L | 327 | |
| 4 | Oil injection volume | L | 250 | |
| 5 | Pump model | | $CB_3$—10 | |
| 6 | Pump outlet flow | L/min | 10 | |
| 7 | Pump motor type | | $Y_{112}$—$6B_3$ | |
| 8 | Motor power | kW | 2.2 | |
| 9 | Voltage | v | 380 | |
| **Coal Mill (KKS code: 10HFC10AD001 10HFC20AD001 10HFC30AD001 10HFC40AD001 10HFC50AD001)** | | | | |
| 1 | Type | | HP863 | Positive pressure direct firing |
| 2 | Number of units | set | 5 | |
| 3 | Design output | t/h | 31.5 | |
| 4 | Nameplate output | t/h | | |
| 5 | Economic output | t/h | 35 | |
| 6 | Maximum output | t/h | | |
| 7 | Speed | rpm | 38.6 | |
| 8 | Maximum temperature of bearing pad | ℃ | 50 | |
| 9 | Maximum allowable oil return temperature | ℃ | 40 | |
| **Mill Motor** | | | | |
| 1 | Model | | YHP560-6 | |

400 kw

ගල් අඟුරු අනුපාතය පැයට ටොන් 116 හෝ ඊට අඩුවෙන් පවත්වාගැනීම

| ඒකකය 01 | |
|---|---|
| දිනය සහ වේලාව | සටහන |
| 2026/01/21 පෙ.ව 02.30 | ගල් අඟුරු අනුපාතය පැයට ටොන් 117 ක් වීම හේතුවෙන් මෙහා වොට් 255 කට ඒකකය ක්‍රියාත්මක කිරීම. |
| 2026/01/21 ප.ව 03.00 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් වීම හේතුවෙන් මෙහා වොට් 256 ක් දක්වා ඒකකය ක්‍රියාත්මක කිරීම. |
| 2026/01/27 පෙ.ව 07.10 | පැයට ටොන් 120 ක ඉහළ ගල් අඟුරු අනුපාතයක් නිරීක්ෂණය විය. SIC හි ප්‍රධාන ඉංජිනේරුගේ උපදෙස් අනුව පැයට ටොන් 115 කට ගල් අඟුරු අනුපාතය ගැලපීම් සඳහා මෙහා වොට් 290 දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/01/27 ප.ව 03.43 | MPa 14.4 ක සහ පැයට ටොන් 117 ක ගල් අඟුරු අනුපාතය සමඟ උපරිම ධාරිතාවය මෙහා වොට් 298 කට ළඟා වී ඇත. 15 වන නැව් බඩු නොගයෙන් ගල් අඟුරු පුරවා ඇත. |
| 2026/02/03 ප. ව 03.18 | ගල් අඟුරු අනුපාතය පැයට ටොන් 117 වීම නිසා මෙහාවොට් 300 යටතේ ක්‍රියාත්මක කිරීමට නොහැක. ඒකකය මෙහාවොට් 280 දක්වා ක්‍රියාත්මක කර ඇත. |

| ඒකකය 02 | |
|---|---|
| දිනය සහ වේලාව | සටහන |
| 2026/01/20 ප.ව 09.09 | පැයට ටොන් 118 ක් දක්වා ගල් අඟුරු අනුපාතය වැඩි වීම හේතුවෙන් මෙහා වොට් 290 ක් දක්වා ධාරිතාවය අඩු කිරීම. පද්ධති පාලන අංශයට තත්ත්වය දැනුම් දෙන ලදී. |
| 2026/01/20 ප.ව 10.23 | පැයට ටොන් 120 ක් දක්වා ගල් අඟුරු අනුපාතය වැඩි වීම හේතුවෙන් මෙහා වොට් 285 ක් දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/01/20 ප.ව 10.52 | පැයට ටොන් 119 ක් දක්වා ගල් අඟුරු අනුපාතය වැඩි වීම හේතුවෙන් මෙහා වොට් 280 ක් දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/01/20 ප.ව 11.05 | පැයට ටොන් 118 ක් දක්වා ගල් අඟුරු අනුපාතය වැඩි වීම හේතුවෙන් මෙහා වොට් 275 ක් දක්වා ධාරිතාවය අඩු කිරීම. පද්ධති පාලන අංශයට තත්ත්වය දැනුම් දෙන ලදී. |
| 2026/01/27 ප.ව 10.40 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් ඉක්මවීම නිසා ප්‍රථම ධාරිතාවය මෙහා වොට් 01 කින් අඩු කිරීම. |
| 2026/01/28 පෙ.ව 04.05 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් ඉක්මවීම නිසා ධාරිතාවය මෙහා වොට් 296 ක් දක්වා අඩු කිරීම. |
| 2026/01/28 පෙ.ව 05.06 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 කට ළඟා වීම නිසා ධාරිතාවය මෙහා වොට් 293 ක් දක්වා අඩු කිරීම. පද්ධති පාලන අංශයට දැනුම් දෙන ලදී. |
| 2026/01/28 පෙ.ව 05.30 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් ඉක්මවීම නිසා ධාරිතාවය මෙහා වොට් 290 ක් දක්වා අඩු කිරීම. |
| 2026/01/28 පෙ.ව 05.56 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් ඉක්මවීම නිසා ධාරිතාවය මෙහා වොට් 288 ක් දක්වා අඩු කිරීම. |
| 2026/01/28 පෙ.ව 07.27 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 කට ළඟා වීම නිසා ධාරිතාවය මෙහා වොට් 286 ක් දක්වා අඩු කිරීම. |

| ඒකකය 03 | |
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| දිනය සහ වේලාව | සටහන |
| 2026/01/20 ප. ව 06.00 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 295 ක් දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/01/20 ප.ව 07.24 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 290 ක් දක්වා ධාරිතාවය අඩු කිරීම . |
| 2026/01/20 ප.ව 09.01 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 285 ක් දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/01/20 ප.ව 11.04 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 275 ක් දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/01/21 ප.ව 2.35 | පැයට ටොන් 115 ක ගල් අඟුරු අනුපාතය ඉක්මවීම හේතුවෙන් මෙගා වොට් 250 දී ධාරිතාවය වැඩි කිරීම නවතා ඇත. |
| 2026/01/27 පෙ. ව 07.20 | පැයට ටොන් 116 කට වැඩි ගල් අඟුරු අනුපාතයක් නිරීක්ෂණය විය.SIC හි ප්‍රධාන ඉංජිනේරුගේ උපදෙස් අනුව පැයට ටොන් 115 කට ගල් අඟුරු අනුපාතය ගැලපීම සඳහා මෙගා වොට් 2 කින් ධාරිතාවය අඩු කිරීම. |
| 2026/01/28 පෙ. ව 04.53 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක් වීමෙන් මෙගා වොට් 293 ක් යටතේ ධාරිතාවය පවත්වා ගැනීම. |
| 2026/01/28 පෙ. ව 06.01 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ක පවත්වා ගැනීම සඳහා මෙගා වොට් 285 දක්වා ධාරිතාවය තවදුරටත් අඩු කිරීම. |
| 2026/02/02 ප. ව 04.47 | ඉහළ ගල් අඟුරු අනුපාතයක් (පැයට ටොන් 118) හේතුවෙන් මෙගා වොට් 290 දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/02/02 ප. ව 06.42 | ඉහළ ගල් අඟුරු අනුපාතයක් (පැයට ටොන් 117) හේතුවෙන් මෙගා වොට් 285 දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/02/02 ප. ව 09.15 | ඒකකයට ගල් අඟුරු පිරවීම අතින් ක්‍රියාත්මක වන ආකාරයට සකස් කර ගල් අඟුරු අනුපාතය පැයට ටොන් 115 දක්වා සකස් කරන ලදී. ඒකකය මෙගාවොට් 300 දක්වා ක්‍රියාත්මක කරවන ලදී. නමුත් පසුව, පීඩනය Mpa 13.6 දක්වා අඩුවීම මත මෙගාවොට් 290 දක්වා ධාරිතාවය අඩු කිරීම. |
| 2026/02/06 පෙ. ව 04.53 | ගල් අඟුරු ප්‍රවාහ අනුපාතය (පැයට ටොන් 117) පවත්වා ගැනීම සඳහා ඒකකයේ ධාරිතාවය මෙගාවොට් 290 දක්වා අඩු කිරීම. |
| 2026/02/06 පෙ. ව 07.54 | ගල් අඟුරු ප්‍රවාහ අනුපාතය (පැයට ටොන් 118) පවත්වා ගැනීම සඳහා ඒකකයේ ධාරිතාවය මෙගාවොට් 285 දක්වා අඩු කිරීම. |
| 2026/02/06 පෙ. ව 09.33 | පද්ධති පාලන අංශයේ එකඟතාවය සමඟ ගල් අඟුරු ප්‍රවාහ අනුපාතය පැයට ටොන් 118 වඩා වැඩි වීම හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 280 දක්වා අඩු කිරීම. |
| 2026/02/06 පෙ. ව 11.50 | ඉහළ ගල් අඟුරු අනුපාතයක් ( පැයට ටොන් 115 ට වැඩි) හේතුවෙන් මෙගාවොට් 275 දක්වා වූ ධාරිතාවයකින් පමණක් ඒකකය ක්‍රියාත්මක කිරීමට හැකි වීම. |
| 2026/02/06 ප. ව 05.23 | වත්මන් දකුණු අඩුකාබු ගල් අඟුරුවලින් මෙගාවොට් 275 ක ධාරිතාවයකදී ගල් අඟුරු අනුපාතය පැයට ටොන් 115 ක පමණ අගයක පවත්වා ගත නොහැකි බැවින් ඒකකයේ ධාරිතාවය මෙගාවොට් 270 දක්වා අඩු කර ඇත. |
| 2026/02/10 ප. ව 11.56 | පද්ධති පාලන අංශයේ එකඟතාවය සමඟ ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 115 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 295 දක්වා අඩු කිරීම. |
| 2026/02/11 පෙ. ව 01.16 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 116 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 290 දක්වා අඩු කිරීම. |

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| 2026/02/11<br>පෙ. ව 01.36 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 116 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 285 දක්වා අඩු කිරීම. |
| 2026/02/11<br>පෙ. ව 02.36 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 116 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 280 දක්වා අඩු කිරීම. |
| 2026/02/11<br>ප. ව 04.00 | ඉහළ ගල් අඟුරු පරිභෝජනය (පැයට ටොන් 115 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 280 ට වැඩි කිරීමට නොහැකි වීම. |
| 2026/02/11<br>ප. ව 07.00 | ගල් අඟුරු අනුපාතය පැයට ටොන් 115 වඩා වැඩි වීම හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 285 දී තැවැත්වීම. |
| 2026/02/22<br>ප. ව 06.16 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 116 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 283 ති රඳවා ගැනීම. |
| 2026/02/22<br>ප. ව 06.38 | ඉහළ ගල් අඟුරු අනුපාතය (පැයට ටොන් 118 වඩා වැඩි) හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 275 දක්වා අඩු කිරීම. |
| 2026/02/23<br>ප. ව 03.37 | ගල් අඟුරු අනුපාතය පැයට ටොන් 116 ට අඩු වීම හේතුවෙන් ඒකකයේ ධාරිතාවය මෙගාවොට් 270 ක් යටතේ ක්‍රියාත්මක කිරීම. |

ඇමුණුම 70

Gmail

CEB GOV. Audit <poe.c.nao1@gmail.com>

# RE: Requesting Information for Audit Purposes -PWR/A/CEB/Info/2026/44

**Mohamed Razeem** <Mohamed.Razeem@ceb.lk> 12 March 2026 at 13:41
To: "poe.c.nao1@gmail.com" <poe.c.nao1@gmail.com>
Cc: PW Bamunusinghe <PW.Bamunusinghe@ceb.lk>, Abeykoon <abeykoon2001@yahoo.com>, "pwbamu@gmail.com" <pwbamu@gmail.com>

Dear Mr. Indrajith Wijedasa,

This refers to your letter no.PWR/A/CEB/Info/2026/44 dated 10.03.2026.
Please find herewith the attached information
Q1,Q4,Q5 &Q9 - Annexure 01
Q2 - Annexure 02
Q3 - Zipped folder - Q3
Q6 - Annexure 03
Q7 - Zipped folder - Q7_1 & Q7_2
Q8 - Zipped folder - Q8_1 & Q8_2

Regards,
Razeem, SAM
CE C&PM
LVPP

**8 attachments**

**Annexure 01 - Information for Audit Quary 44 of Q1 Q4 Q5 Q9.pdf**
498K

**Annexure 01 -Coal Feeding Data 17 Feb to 10 March.pdf**
448K

**Q3.zip**
68K

**Annexure 03 -FLY ASH DESTRIBUTION Feb & March.pdf**
19K

**Q7_1.zip**
4251K

**Q7_2.zip**
1914K

**Q8_1.zip**
646K

**Q8_2.zip**
2065K

Q 04 & Q 05). Average generation capacity and coal consumption rate (Shipment 5 to 11)

| Shipment No | Average Generation (MW) | | | Average Coal feed rate (T/h) | | |
|---|---|---|---|---|---|---|
| | Unit 01 | Unit 02 | Unit 03 | Unit 01 | Unit 02 | Unit 03 |
| SA Ship. 05 (16) | 280.84 | Coal was not fed to the unit since a fault in desuperheating valve. | 287.11 | 117.30 | Coal was not fed to the unit since a fault in desuperheating valve. | 115.66 |
| SA Ship. 06 (17) | 262.97 | | 272.70 | 117.43 | | 113.72 |
| SA Ship. 07 (18) | 270.17 | | 277.55 | 117.04 | | 114.64 |
| SA Ship. 08 (19) | 255.34 | | 257.76 | 117.65 | | 113.69 |
| SA Ship. 09 (20) | 252.87 | | 266.51 | 117.30 | | 117.41 |
| SA Ship. 10 (21) | 262.94 | | 274.51 | 117.78 | | 117.52 |
| SA Ship. 11 (22) | 248.38 | 254.102 | 220.85 | 115.70 | 113 | 103.17 |

Q 09). Reasons for coal rate maintaining under design value

Although the design coal feeding capacity of the unit is 126 t/h (31.5 t/h × 4 mills), the actual coal rate observed during operation may sometimes be maintained around 115–116 t/h. This is mainly due to automatic control system behavior and several operational safety considerations required for reliable plant operation.

**1. Automatic Control of Coal Feed Rate**

Under normal operating conditions, the coal feed rate of the generating unit is automatically controlled by the Distributed Control System (DCS). The system receives the required generation target (load set point) from the System Control Centre and automatically adjusts the coal flow to match the required electricity output.

This control is performed using a PID (Proportional–Integral–Derivative) controller, which continuously adjusts the coal feed rate to maintain stable boiler combustion and unit load. As part of this automatic control process, the coal feed rate does not remain constant at a single value but continuously fluctuates within a small operating band. This coal rate is decided by the load and the energy content of the coal. If the 116 t/h rate can generate the required load then it's not required to increase the feeder rate to a maximum.

Therefore, when calculating the average coal consumption over a period of time, the value may appear slightly lower than the maximum feeding rate. This variation is a normal characteristic of automatic process control systems.

**2. High Pyrite Content in Coal**

Coal sometimes contains hard mineral particles that cannot be ground by the mill. These particles are commonly referred to as pyrites. The coal mill has a special mechanism to separate and discharge these materials through a reject system into a pyrite hopper, from where operators periodically remove them.

If the coal contains an unusually high amount of pyrite or similar impurities, the reject system may not be able to discharge them at the same rate they are generated. This may lead to accumulation inside the mill, which can cause mill blockage, overheating, or fire risk. Under such conditions, the coal feed rate has been reduced to maintain safe operation.

**3. Primary Air Flow Limitations**

Coal mills require sufficient primary air to dry the coal and transport the pulverized coal to the boiler burners. This air passes through the Air Preheater (APH) before reaching the mills. If the air preheater becomes partially blocked or air leaked, the required air flow cannot be supplied to the mills.

Such blockages may occur gradually when the coal contains high ash content above the design specification, causing ash deposits within the air preheater. When the available air flow is reduced, the mills cannot operate safely at their full rated capacity, and therefore the coal feed rate has been reduced.

**4. Coal Quality Variations**

Coal supplied to the power plant may vary in properties such as ash content, moisture level, and mineral composition. For this reason, coal mills are always loaded gradually while closely monitoring key operating parameters such as mill current, temperature, and pyrite discharge.

If these parameters indicate abnormal conditions, such as high mill current (indicating overload) or excessive reject discharge, the coal feed rate cannot be increased further. In such cases, the coal rate has been maintained at a lower level to ensure safe and stable mill operation.

**5. Wet Coal Conditions**

If coal contains high moisture or becomes wet during storage or handling, it may stick to the internal surfaces of the mill. This can reduce grinding efficiency and lead to accumulation of

material inside the mill. To avoid mill choking or unstable operation, the coal feed rate must has been reduced.

**6. Increase in Mill Differential Pressure**

The differential pressure across the grinding section of the mill indicates how effectively the pulverized coal is being transported to the boiler. If this pressure increases significantly, it indicates that coal particles are accumulating inside the mill due to excessive feeding. To prevent mill clogging and possible operational trips, the coal feed rate has been reduced.

**Recent Example of an Operational Event**

on 05 March, Unit 03 was initially operating with coal flow rates of approximately 29–30 t/h per mill. During this operation, a fire occurred in the pyrite hopper of Mill E, and Mill B and Mill D experienced clogging. The investigation indicated that the issue was caused by excessive pyrite discharge associated with the coal.

To ensure safe operation and prevent further incidents, the coal feed rate had to be reduced to approximately 26 t/h per mill. In addition, oil burners were temporarily used to maintain stable combustion until the affected mills were cleaned and restored to normal operating condition. Therefore, avoiding such conditions are important than maintain coal rate at maximum level.

**Conclusion**

Practical operation requires maintaining safe operating margins from the maximum. Automatic control system behavior and operational limitations such as coal quality variations, high pyrite content, airflow restrictions, wet coal conditions, and mill safety parameters may require the coal rate to be maintained lower value. This value is mostly decided based on the current operating conditions and past experience.

Maintaining coal flow within this range ensures safe, stable, and reliable operation of the power plant while minimizing the risk of mill failures, fires, and forced outages.

If the calorific value of the coal is within the acceptable design range, it is not necessary to operate the coal mills at their maximum capacity. However, when the calorific value of coal is lower, it is often associated with a higher presence of impurities such as ash, pyrites, or other non-combustible materials exceeding standard levels. Under such conditions, the coal cannot be loaded to the mills at their maximum rated capacity, as doing so may lead to operational issues such as mill clogging, excessive reject discharge, or safety risks. Therefore, the coal feed rate is maintained at a lower level to ensure safe and stable operation of the mills and the generating unit.

| | | | | |
|---|---|---|---|---|
| | | | | atomizing |
| 2 | Arrangement | | | Four corner arrangement |
| 3 | Quantity | piece | 12 | |
| 4 | Capacity | t/h | 1.68 | |
| 5 | Flame ignitor: | | | High-energy spark |

1.1.3.7 Coal Characteristics Specification

| Item | Symbol | Unit | Design Coal | Check Coal 1 | Check Coal 2 |
|---|---|---|---|---|---|
| Gross calorific value (as received basis) | Qv.ar | MJ/kg | 26.4 | 25.3 | 24.7 |
| Total moisture (as received basis) | Mt | % | 12.0 | 16.0 | 19.0 |
| Ash (as received basis) | Aar | % | 11.0 | 15.0 | 10.1 |
| Volatile matter (as received basis) | Var | % | 27 | 25 | 24.9 |
| Carbon as received | Car | % | 65.0 | 60.0 | 60.5 |

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Eng. P.W. Bandusinghe
PPM (LVPP)

| Item | Symbol | Unit | Design Coal | Check Coal 1 | Check Coal 2 |
|---|---|---|---|---|---|
| Hydrogen as received | Har | % | 3.8 | 3.6 | 3.4 |
| Oxygen as received | Oar | % | 6.2 | 3.0 | 5.1 |
| Nitrogen as received | Nar | % | 1.5 | 1.7 | 1.4 |
| Sulfur as received | Star | % | 0.5 | 0.7 | 0.5 |
| Grindability index | HGI | | 50 | 42 | 50 |
| Ash softening temperature | ST | ℃ | 1250 | 1170 | 1250 |
| Ash fusion temperature | FT | ℃ | 1325 | 1300 | 1325 |
| $SiO_2$ | | % | 61.0 | 58.0 | 61.0 |
| $Al2O_3$ | | % | 25.0 | 21.6 | 25.0 |
| $Fe_2O_3$ | | % | 4.0 | 8.0 | 4.0 |
| CaO | | % | 3.5 | 5.0 | 3.5 |
| $K_2O$ | | % | 0.6 | 0.8 | 0.6 |
| $TiO_2$ | | % | 1.3 | 1.3 | 1.3 |
| $Na_2O$ | | % | 0.3 | 1.2 | 0.3 |
| MgO | | % | 0.7 | 0.5 | 0.7 |
| $SO_3$ | | % | 2.7 | 2.7 | 2.7 |



2026.02.14

### 3.4.3. Failure to meet Specification

(a) **At Load Port**

Within 72 hours after receiving, the certificate of analysis of load port provided pursuant to Section 3 in clause 3.5.2. If the parameters listed in the "Section 5 in Clause 5.2": LCC REJECT VALUES FOR COAL" (**GCV, Total Moisture, Ash, Volatile Matter, Size, Hardgrove Grindability Index, Sulphur and Ash Fusion Temperature**), of the coal shipment falls within the LCC reject values stated in"Clause 5.2", LCC shall Reject such coal. In this event, the Seller shall promptly recall such coal shipment at the Seller's cost and the Seller shall be obliged to offer alternative supply of Coal with the quality as per clause 2.6.

In the event that the coal is rejected, and the Seller provides alternative supply of Coal, then the Seller is not exempted from paying any Liquidated Damages on account of any delays, then the provisions of Clause 3.8.1 shall be applicable, considering the delay till such alternative supply of Coal is loaded and trimmed on board the nominated carrying vessel at the Port of Loading.

(b) **At Discharge Port (Jetty of the Plant)**

Upon receiving the discharge port analysis certificates, provided by discharge port independent surveyor pursuant to Clause 3.5.2 and 3.5.3, If the parameters listed in the Clause 5.2 LCC REJECT VALUES FOR COAL" falls within the LCC reject values stated in Clause 5.2 of the Schedules, LCC shall reduce the price as per "Clause 5.6 of the Schedules" for the deviation from the LCC standard value for coal as per the "Clause 5.1".

(c) **Determination and Deduction of Excess Water Content in Cargo Holds at Discharge Port**

The moisture content of the coal supplied at the discharge port shall be final and binding for payment of each vessel. However, if any vessel is found to have sticky or jammed cargo, water-contaminated cargo, cargo loaded under sub-zero temperature conditions, or if water is observed accumulated during the unloading in the bottom of the holds/bilge water tanks by the Buyer or stevedores, the Seller shall agree to jointly engage an intermediate independent cargo condition surveyor with the Buyer at the discharge port to quantify the actual water accumulated in the holds/bilge water tanks. The quantified water volume (in metric tons) shall be deducted from the final draft- surveyed coal quantity. All costs incurred in determining the water content in the holds/ bilge water tanks shall be borne by the Seller.

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# 5. SCHEDULES

## COAL SPECIFICATION

### 5.1. LCC STANDARD VALUES FOR COAL

The Lakvijaya Power Plant will be operated as a base load unit, fueled by low Sulphur coal having standard properties (the LCC Standard Values) given below.

| PROXIMATE (%) | UNIT | AS RECEIVED BASIS |
|---|---|---|
| GCV (kcal/kg) | kcal/kg | 6,150 |
| Total Moisture | % wt | 12.0 or below |
| Volatile Matter | % wt | 31 |
| Fixed Carbon | % wt | 49.5 |
| Sulphur | % wt | 0.5 or below |
| Ash | % wt | 11.0 or below |
| HGI | ° H | 50 |
| Grain Size above 50 mm | % wt | 3.0% or below by weight |
| Grain Size below 2 mm | % wt | 22.5% or below by weight |
| **ASH FUSION ( ° C)** | | ***Reducing*** |
| IDT (Deformation)<br>F.T (Fluid) | ° C<br>° C | 1250<br>1325 |

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Sample of Coal taken at the Jetty of the Plant shall be divided into two (2) parts, one (1) such part to be used for the analysis by the appointed Independent Surveyor. The remaining part shall be available as a Reference Sample and shall be retained by the appointed Independent Surveyor. **The second (2nd Part)** sample will be kept in a suitable airtight container, properly labelled and sealed, for not less than ninety (90) days from the date of unloading completion of each and every vessel under the joint lock and joint custody of both buyer and seller.

The Buyer shall provide discharge port Draft Surveying, Sampling and Analysis certificates via electronic transmission to the Seller, from the Independent Surveyor, within four (4) working days after receipt of such certificates from the independent surveyor at discharge port. The Independent Surveyor is obliged to issue the discharge port certificates within 10 days from the date of completion of each vessel's discharge.

### 3.5.2. Determination of quality and acceptance of coal for unloading.

In the event the coal shipment, does not falls within the LCC's reject values stated in clause 5.2, LCC shall accept such coal. The Letter of Acceptance (LOA) as clause 5.15, shall be issued by the buyer to seller, within 72 hours after receiving the Draft Surveying, Sampling and Analysis certificates issued at the port of loading. LCC shall have the right to reject any consignment of coal if LOA is not issued due to non-acceptance of the coal quality at Load Port.

The above certificates shall be accepted only for the sampling and analysis made as per the American society for Testing and Materials Standards (ASTM) clause 5.3 for the all parameters given in Clause 5.1.

### 3.5.3. Testing of the Reference Sample

In the event of the seller is not in agreement with the results of analysis at the Discharge Port, the seller has the right to request re-testing of the reference sample. In this event, the results of the analysis of the Reference Sample taken at the Discharge Port shall be considered as binding and conclusive for payment, except the size parameter. The results of size parameter derived from the discharge port sample shall be final and there shall be no reference sample to re-analysis size parameter.

In such event, the cost of analysis of the reference sample is for the account of the seller.

Two (2) authorized representatives of the buyer shall be permitted to supervise the analysis process of the reference sample.

## 5.5. QUALITY PRICE ADJUSTMENTS

The index adjusted $(FOB)_f$ price shall re-adjusted according to the Coal Quality adjustments as mentioned below if not falls under 3.4.3. (a). The quality adjustment parameters are based on the proximate analysis "*as received basis*".

(i) When preparing the ***invoice for the 80% payment***, the **Load Port** quality analysis certificate and weight certificate should be considered.

(ii) When preparing the ***Final invoice*** for the balance payment, the **Discharge** port quality analysis certificate and weight certificate should be considered.

LCC standard values are mentioned in the **Clause 5.1 of Section 5**

### 5.5.1. Gross Calorific Value as received - (GCVar)

If the actual GCVar of a given shipment of Coal is less than the LCC Standard Value for GCVar, the Price of that shipment of Coal shall be reduced by an amount in accordance with the following formula:

$$\text{Price Adjustment} = \left\{ \left[ (FOB)_f \times 1.25 \right] \left( \frac{\text{LCC Standard value - Actual Value}}{\text{LCC Standard Value}} \right) \right\}$$

Specimen Calculation

Example - Assumed $(FOB)_f$ is 100 USD per MT and Actual GCVar = 6000

(-) Price Adjustment = $100 \times 1.25 \times \frac{(6150 - 6000)}{6150}$

= **3.05 USD/MT**

No price adjustment shall be applied in case of measured GCVar above the LCC Standard value of 6150 kcal/kg

### 5.5.2. Sulphur Content

If the actual Sulphur percentage of a given shipment is greater than the LCC Standard Value for Sulphur percentage but within LCC Reject Value then the Price of that shipment of Coal shall be reduced by an amount in accordance with the following formula:

$$\text{Price Adjustment} = \left\{ \left[ (FOB)_f \times 0.4\% \right] \left( \frac{\text{Actual Value \% - LCC Standard Value \%}}{0.1\%} \right) \right\}$$

If Sulphur content is >1.0%, shipment or delivered Coal shall be rejected as clause 3.4.3. (a)

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Specimen Calculation

Example - Assumed $(FOB)_t$ is 100 USD per MT and Actual Sulphur is 1%

(-) Price Adjustment = $100 \times 0.4\% \times \frac{(1\% - 0.5\%)}{0.1\%}$ = **2.0 USD/MT**

No price adjustment shall be applied in case of measured Sulphur percentage is less than 0.5%.

### 5.5.3. Ash Content

If the actual ash percentage of a given shipment is greater than the LCC Standard Value for ash percentage then the Price of that shipment of Coal shall be reduced by an amount in accordance with the following formula:

$$\text{Price Adjustment} = \left\{ [\ (FOB)_t \times 0.8\%\ ] \left( \frac{\text{Actual Value \%} - \text{LCC Standard Value \%}}{1.0\%} \right) \right\}$$

Specimen Calculation

Example - Assumed $(FOB)_t$ is 100 USD per MT and Actual Ash % is 16%

(-) Price Adjustment = $100 \times 0.8\% \times \frac{(16\% - 11\%)}{1.0\%}$ = **4.0 USD/MT**

No price adjustment shall be applied in case of measured ash content below the LCC Standard Value of 11%.

### 5.5.4. Moisture Content

If the actual total moisture percentage of a given shipment is greater than the LCC Standard Value for total moisture percentage then the Price of that shipment of Coal shall be reduced by an amount in accordance with the following formula.

TM – Total Moisture

$$\text{Price Adjustment} = \left\{ [\ (FOB)_t \times 2.0\%\ ] \left( \frac{\text{Actual Value \%} - \text{LCC Standard Value \%}}{1.0\%} \right) \right\}$$

Specimen Calculation

Example - Assumed $(FOB)_t$ is 100 USD per MT and Actual TM is= 16 %

(-) Price adjustment = $100 \times 2.0\% \times \frac{(16\% - 12\%)}{1.0\%}$ = **8.0 USD/MT**

No price adjustment shall be applied in case of measured total moisture content below the LCC Standard Value of 12%.

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### 5.5.4.1. Excess Water Content in Cargo Holds at Discharge Port

In the event excess water found due to clause 3.4.3 (c) then the Price of that shipment of Coal shall be reduced by an amount in accordance with the following formula.

Price Adjustment = [ Excess water found in MT x $(CFR)_t$ price per MT] x 4

Specimen Calculation
Example - Assumed $(CFR)_t$ is 110 USD per MT and excess water found is 5MT

(-) Price adjustment = [5 x 110] x4
= **2,200 USD**

### 5.5.5. Grain Size.

### 5.5.5.1. Grain Size above 50mm

If for a given shipment of Coal, the actual percentage of grain size exceeds the LCC Standard Value for Grain Size above 50mm by weight (3%), then the Price shall be reduced in accordance with the following formula:

$$\text{Price Adjustment} = \left\{ [(FOB)_t \times 0.05\%] \left( \frac{\text{Actual Value \% - LCC Standard Value \%}}{1.0\%} \right) \right\}$$

Specimen Calculation
Example - Assumed $(FOB)_t$ is 100 USD per MT and Actual % above 50mm size is = 5%

$$\text{(-) Price Adjustment} = 100 \times 0.05\% \times \frac{(5\% - 3\%)}{1.0\%} = \underline{\textbf{0.1 USD/MT}}$$

No price adjustment shall be applied in case of measured grain size 50 mm less than the LCC Standard value of 3%.

### 5.5.5.2. Grain Size below 2mm

If for a given shipment of Coal, the actual percentage of grain size less than 2 mm exceeds the LCC Standard Value for Grain size less than 30% by weight (22.5%), then the unit Price shall be reduced in accordance with the following formula.

$$\text{Price Adjustment} = \left\{ [(FOB)_t \times 0.01] \left( \frac{\text{Actual Value \% - LCC Standard Value \%}}{1.0\%} \right) \right\}$$

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Specimen Calculation
Example - Assumed $(FOB)_f$ is 100 USD per MT and Actual % of less than 2mm size is = 30 %

$$\text{(-) Price Adjustment} = 100 \times 0.01 \times \frac{(30\% - 22.5\%)}{1.0\ \%} = \underline{7.50\ \text{USD/MT}}$$

No price adjustment shall be applied in case of measured grain size 2mm is less than the LCC **Standard** Value of 22.5%.

### 5.5.6. Volatile Matter

If for a given shipment of coal, the actual Volatile Matter percentage between 25 and 35 by weight (including 25 and 35) there will be no penalty for a shipment of Coal.

### 5.5.5.3. Volatile Matter less than 25% by weight

If the actual Volatile Matter percentage of a given shipment is less than 25% by weight, then the Price of that shipment of Coal shall be reduced by an amount in accordance with the following formula.

$$\text{Price Adjustment} = \left\{ \left[ (FOB)_f \times 0.4\% \right] \left( \frac{25\% - \text{Actual Value \%}}{1.0\%} \right) \right\}$$

Specimen Calculation
Example - Assumed $(FOB)_f$ is 100 USD per MT and Actual Volatile Matter 22 %

$$\text{(-) Price Adjustment} = 100 \times 0.4\% \times \frac{25\ \% - 22\%}{1.0\ \%} = \underline{1.2\ \text{USD/MT}}$$

### 5.5.5.4. Volatile Matter greater than 35% by weight

If the actual Volatile Matter percentage of a given shipment is greater than 35% by weight, then the Price of that shipment of Coal shall be reduced by an amount in accordance with the following formula.

$$\text{Price Adjustment} = \left\{ \left[ (FOB)_f \times 1.0\% \right] \left( \frac{\text{Actual Value \% - 35\%}}{1.0\%} \right) \right\}$$

Specimen Calculation
Example - Assumed $(FOB)_f$ is 100 USD per MT and Actual Volatile Matter is 39.9 %

$$\text{(-) Price Adjustment} = 100 \times 1.0\ \% \times \frac{39.9\ \% - 35\%}{1.0\ \%} = \underline{4.90\ \text{USD/MT}}$$

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## 5.6. METHOD OF QUALITY PRICE ADJUSTMENT IN CASE OF REJECTION OF COAL QUALITY ANALYSIS REPORT OF A SHIPMENT AT THE DISCHARGE PORT AS PER CLAUSE 3.4.3 (b).

LCC STANDARD VALUES are mentioned in the **Clause 5.1** and LCC REJECT VALUES are mentioned in the **Clause 5.2.**

If the parameters listed in the "clause 5.2, LCC REJECTS VALUES FOR COAL" of the coal shipment falls in to the LCC reject values as per the Discharge Port quality Certificates, LCC shall reduce the price as per bellow formulas.

- **$CFR_f = FOB_f + F_f$ (adjusted freight price)**

### 5.6.1. Gross Calorific Value - (GCVar)

In the event of the actual GCV value of a given discharge port quality analysis certificate of a shipment is less than the LCC Reject Value (5900 Kcal), then the coal price shall be adjusted (reduced) according to the following formula:

$$\text{Price Adjustment} = \left\{ \left[ (FOB)_f \times 1.25 \right] \left( \frac{\text{LCC Standard value - LCC Reject Value}}{\text{LCC Standard Value}} \right) \right\} + \left\{ \left[ (CfR)_f \times 1.25 \right] \left( \frac{\text{LCC Reject Value - Actual Value}}{\text{LCC Standard Value}} \right) \right\} \times 2$$

Specimen Calculation

Example - Assumed

* $(FOB)_f$ Price = 100 USD per MT
* $(CFR)_f$ Price = 110 USD per MT
* Actual GCVar = 5850 Kcal

$$\text{(-) Price Adjustment} = \{100 \times 1.25 \times \frac{(6150 - 5900)}{6150}\} + \{110 \times 1.25 \times \frac{(5900 - 5850)}{6150}\} \times 2$$

Total = 5.08 + 2.24 = **7.32 USD/MT**

### 5.6.2. Sulphur Content (S)

In the event of the actual Sulphur content of a given discharge port quality analysis certificate of a shipment is greater than the LCC Reject Value (>1%), then the coal price shall be adjusted (reduced) according to the following formula:

$$\text{Price Adjustment} = \left\{ \left[ (FOB)_f \times 0.4\% \right] \left( \frac{\text{LCC Reject Value \% - LCC Standard Value \%}}{0.1\%} \right) \right\} + \left\{ \left[ (CfR)_f \times 0.4\% \right] \left( \frac{\text{Actual Value \% - LCC Reject Value \%}}{0.1\%} \right) \right\} \times 4$$

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Specimen Calculation

Example - Assumed

* $(FOB)_f$ Price = 100 USD per MT
* $(CFR)_f$ Price = 110 USD per MT
* Actual Ash content = 1.1%

$$\text{(-) Price Adjustment} = \{100 \times 0.4\% \times \frac{(1.0\% - 0.5\%)}{0.1\%}\} + \{110 \times 0.4\% \times \frac{(1.1\% - 1\%)}{0.1\%}\} \times 4$$

Total = 2.00 + 1.76 = **3.76 USD/MT**

### 5.6.3. Ash Content

In the event of the actual Ash content of a given discharge port quality analysis certificate of a shipment is greater than the LCC Reject Value (16%), then the coal price shall be adjusted (reduced) according to the following formula:

$$\text{Price Adjustment} = \left\{ [\ (FOB)_f \times 0.8\%\ ] \left( \frac{\text{LCC Reject Value \%} - \text{LCC Standard Value \%}}{1.0\%} \right) \right\} + \left\{ [\ (CFR)_f \times 0.8\%] \left( \frac{\text{Actual Value \%} - \text{LCC Reject Value \%}}{1.0\%} \right) \right\} \times 2$$

Specimen Calculation

Example - Assumed

* $(FOB)_f$ Price = 100 USD per MT
* $(CFR)_f$ Price = 110 USD per MT
* Actual Ash content = 17%

$$\text{(-) Price Adjustment} = \{100 \times 0.8\% \frac{(16\% - 11\%)}{1.0\%}\} + \{110 \times 0.8\% \frac{(17\% - 16\%)}{1.0\%}\} \times 2$$

Total = 4.00 + 1.76 = **5.76 USD/MT**

### 5.6.4. Moisture Content (TM)

In the event of the actual total moisture (TM) percentage of a given discharge port quality analysis certificate of a shipment is greater than the LCC Reject Value (16%), then the coal price shall be reduced according to the following formula:

$$\text{Price Adjustment} = \left\{ [\ (FOB)_f \times 2.0\%\ ] \left( \frac{\text{LCC Reject Value \%} - \text{LCC Standard Value \%}}{1.0\%} \right) \right\} + \left\{ [\ (CFR)_f \times 2.0\%] \left( \frac{\text{Actual Value \%} - \text{LCC Reject Value \%}}{1.0\%} \right) \right\} \times 2$$

Specimen Calculation

Example - Assumed

* $(FOB)_f$ Price = 100 USD per MT
* $(CFR)_f$ Price = 110 USD per MT
* Actual Moisture content = 17%

$$\text{(-) Price Adjustment} = \{100 \times 2.0\% \frac{(16\% - 12\%)}{1.0\%}\} + \{110 \times 2.0\% \times \frac{(17\% - 16\%)}{1.0\%}\} \times 2$$

= 8.0 + 4.40 = **12.40 USD/MT**

### 5.6.5. Grain Size.

#### 5.6.5.1. Grain Size above 50mm

In the event of the actual percentage of grain size above 50 mm of a given discharge port quality analysis certificate of a shipment is greater than the LCC Reject Value (5.0%), then the coal price shall be reduced according to the following formula:

$$\text{Price Adjustment} = \left\{ [(FOB)_f \times 0.05\%] \left( \frac{\text{LCC Reject Value \%} - \text{LCC Standard Value\%}}{1.0\%} \right) \right\} + \left\{ [(CFR)_f \times 0.05\%] \left( \frac{\text{Actual Value \%} - \text{LCC Reject Value \%}}{1.0\%} \right) \right\} \times 2$$

Specimen Calculation

Example - Assumed

* $(FOB)_f$ Price = 100 USD per MT
* $(CFR)_f$ Price = 110 USD per MT
* Actual Grain Size = 7.0 %

$$\text{(-) Price Adjustment} = \{100 \times 0.05\% \frac{(5.0\% - 3.0\%)}{1.0\%}\} + \{110 \times 0.05\% \frac{(7.0\% - 5.0\%)}{1.0\%}\} \times 2$$

Total = 0.1 + 0.22 = **0.32 USD/MT**

#### 5.6.5.2. Grain Size below 2mm

In the event of the actual percentage of grain size below 2 mm of a given discharge port quality analysis certificate of a shipment is greater than the LCC Reject Value (30.0%), then the coal price shall be reduced according to the following formula:

$$\text{Price Adjustment} = \left\{ [(FOB)_f \times 0.01] \left( \frac{\text{LCC Reject Value \%} - \text{LCC Standard Value\%}}{1.0\%} \right) \right\} + \left\{ [(CFR)_f \times 0.01] \left( \frac{\text{Actual Value \%} - \text{LCC Reject Value\%}}{1.0\%} \right) \right\} \times 2$$

Specimen Calculation

Example - Assumed

* $(FOB)_f$ Price = 100 USD per MT
* $(CFR)_f$ Price = 110 USD per MT
* Actual Grain Size = 31.0 %

$$\text{(-) Price Adjustment} = \{100 \times 0.01 \frac{(30.0\% - 22.50\%)}{1.0\%}\} + \{110 \times 0.01 \frac{(31.0\% - 30.0\%)}{1.0\%}\} \times 2$$

Total = 7.50 + 2.20 = **9.70 USD/MT**

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### 5.6.6. Volatile Matter (VM)

In the event of a given shipment of coal, the actual Volatile Matter percentage less than 22% or more than 39.9% by weight there will be penalty for a shipment of Coal as bellow.

#### 5.6.6.1. Volatile Matter less than 22.0% by weight

In the event of the actual percentage of Volatile Matter (VM) of a given discharge port quality analysis certificate of a shipment is less than the LCC Reject Value (22.0%), then the coal price shall be reduced according to the following formula:

$$\text{Price Adjustment} = \left\{ \left[ (FOB)_t \times 0.4\% \right] \left( \frac{25\% - \text{LCC Reject Value \%}}{1.0\%} \right) \right\} + \left\{ \left[ (CFR)_t \times 0.4\% \right] \left( \frac{\text{LCC Reject Value \%} - \text{Actual Value \%}}{1.0\%} \right) \right\} \times 2$$

Specimen Calculation

Example - Assumed

* $(FOB)_t$ Price = 100 USD per MT
* $(CFR)_t$ Price = 110 USD per MT
* Actual Volatile Matter = 21.0 %

$$\text{(-) Price Adjustment} = \{100 \times 0.4\% \frac{(25.0\% - 22.0\%)}{1.0\%}\} + \{110 \times 0.4\% \frac{(22.0\% - 21.0\%)}{1.0\%}\} \times 2$$

Total = 1.2 + 0.88 = **2.08 USD/MT**

#### 5.6.6.2. Volatile Matter more than 39.9% by weight

In the event of the actual percentage of Volatile Matter (VM) of a given discharge, port quality analysis certificate of a shipment is greater than the LCC Reject Value (39.9%), then the coal price shall be reduced according to the following formula:

$$\text{Price Adjustment} = \left\{ \left[ (FOB)_t \times 1.0\% \right] \left( \frac{\text{LCC Reject Value \%} - 35\%}{1.0\%} \right) \right\} + \left\{ \left[ (CFR)_t \times 1.0\% \right] \left( \frac{\text{Actual Value \%} - \text{LCC Reject Value \%}}{1.0\%} \right) \right\} \times 2$$

Specimen Calculation

Example - Assumed

* $(FOB)_t$ Price = 100 USD per MT
* $(CFR)_t$ Price = 110 USD per MT
* Actual Volatile Matter = 40.9 %

$$\text{(-) Price Adjustment} = \{100 \times 1.0\% \frac{(39.90\% - 35.0\%)}{1.0\%}\} + \{110 \times 1.0\% \frac{(40.90\% - 39.9\%)}{1.0\%}\} \times 2$$

= 4.90 + 2.2 = **7.1 USD/MT**

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### 5.6.7. Hardgrove Grindability Index (HGI)

5.6.7.1. If the actual HGI value of a given shipment's Discharge Port / Reference Sample is greater than 59, then the Price of that shipment of Coal shall be reduced by USD 0.05 per one unit incremental of the above value as per the following formula.

| | |
|---|---|
| Price Adjustment= | {0.05 x (Actual Value - LCC Reject Value)} |

**Example** - Assumed HGI is 60
(-) Price Adjustment = 0.05 x (60 – 59)
= 0.05 USD/MT

5.6.7.2. If the actual HGI value of a given shipment's Discharge Port / Reference Sample is less than 40, then the Price of that shipment of Coal shall be reduced by USD 0.05 per one unit decrease of the above value as per the following formula.

| | |
|---|---|
| Price Adjustment= | {0.05 x (LCC Reject Value - Actual Value)} |

**Example** - Assumed HGI is 39
(-) Price Adjustment = 0.05 x (40 – 39)
= 0.05 USD/MT

### 5.6.8. Ash Fusion Temperature.

**5.6.8.1.Initial Deformation Temperature (IDT)**
In the event of the actual value of IDT of a given discharge port quality analysis certificate of a shipment is lower than the LCC Reject Value (1,150 then the coal price shall be reduced according to the following formula:

| | |
|---|---|
| Price Adjustment= | {0.1 x (LCC Reject Value - Actual Value)} |

**Example – Assumed IDT is 1,125 0C**
(-) Price Adjustment = 0.10 x (1,150 – 1,125)
= 2.50 USD/MT

**5.6.8.2.Fluid Temperature (FT)**
In the event of the actual value of FT of a given discharge port quality analysis certificate of a shipment is lower than the LCC Reject Value (1,250 then the coal price shall be reduced according to the following formula:

| | |
|---|---|
| Price Adjustment= | {0.1 x (LCC Reject Value - Actual Value)} |

**Example – Assumed FT is 1,225 $^0$C**
(-) Price Adjustment = 0.10 x (1,250 – 1,225)
= 2.50 USD/MT



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| Results of the Discharged Port Reports | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Season & Shipment | Vessel | Awaded Price | GCV | Total Moisture | Ash Content | Volatile Matter | Sulphur Content | Grindability | Ash Fusion | Fluid | Size over 50mm | Size under 2mm |
| 262/20-21/01 | MV IVS Phoenix | 53.94 | 6,153.00 | 7.30% | 14.62% | 25.40% | 0.48% | 54.00 | 1,332.00 | 1,380.00 | 1.14% | 19.48% |
| 263/20-21/02 | MV Daxia | 56.44 | 6,148.00 | 6.73% | 15.21% | 25.05% | 0.49% | 54.00 | 1,344.00 | 1,390.00 | 0.47% | 20.37% |
| 264/20-21/03 | MV African Blackbird | 53.94 | 6,128.00 | 6.67% | 15.45% | 24.85% | 0.48% | 52.00 | 1,370.00 | 1,456.00 | 0.87% | 20.77% |
| 265/20-21/04 | MV Amstel Falcon | 56.44 | 6,143.00 | 6.47% | 15.65% | 25.10% | 0.51% | 54.00 | 1,342.00 | 1,385.00 | 0.63% | 20.45% |
| 266/20-21/05 | MV African Parrot | 53.94 | 6,141.00 | 6.88% | 15.35% | 25.15% | 0.50% | 54.00 | 1,340.00 | 1,380.00 | 0.61% | 20.66% |
| 267/20-21/06 | MV Flag Ganges | 56.44 | 6,147.00 | 6.59% | 15.32% | 25.05% | 0.48% | 53.00 | 1,350.00 | 1,390.00 | 0.44% | 21.28% |
| 268/20-21/07 | MV IVS Nanjo | 53.94 | 6,132.00 | 7.10% | 15.08% | 25.20% | 0.51% | 53.00 | 1,340.00 | 1,390.00 | 0.48% | 18.79% |
| 269/20-21/08 | MV SSI Conquest | 58.42 | 6,108.00 | 7.01% | 15.53% | 24.81% | 0.51% | 53.00 | 1,330.00 | 1,400.00 | 0.47% | 21.16% |
| 270/20-21/09 | MV Bulk Geneva | 53.94 | 6,063.00 | 9.12% | 12.40% | 28.07% | 0.50% | 55.00 | 1,290.00 | 1,370.00 | 0.18% | 18.61% |
| 271/20-21/10 | MV Ceylon Princess | 58.42 | 6,095.00 | 7.98% | 15.35% | 25.12% | 0.48% | 54.00 | 1,349.00 | 1,430.00 | 0.44% | 19.60% |
| 272/20-21/11 | MV Pacific Talent | 58.42 | 6,132.00 | 7.78% | 15.62% | 25.08% | 0.49% | 53.00 | 1,310.00 | 1,380.00 | 0.21% | 21.52% |
| 273/20-21/12 | MV Bulk Polaris | 60.63 | 6,140.00 | 6.77% | 15.75% | 25.20% | 0.51% | 54.00 | 1,350.00 | 1,424.00 | 0.23% | 21.31% |
| 274/20-21/13 | MV Arietta A | 58.11 | 6,143.00 | 7.24% | 14.40% | 26.90% | 0.58% | 53.00 | 1,347.00 | 1,481.00 | 0.87% | 20.43% |
| 275/20-21/14 | MV Ceylon Breeze | 60.63 | 6,130.00 | 7.37% | 15.80% | 25.05% | 0.50% | 54.00 | 1,342.00 | 1,458.00 | 0.11% | 22.73% |
| 276/20-21/15 | MV Bright Imabari | 58.11 | 6,104.00 | 9.03% | 12.20% | 26.34% | 0.48% | 54.00 | 1,293.00 | 1,410.00 | 0.37% | 19.45% |
| 277/20-21/16 | MV Ceylon Princess | 70.65 | 6,147.00 | 7.76% | 14.75% | 26.20% | 0.50% | 53.00 | 1,319.00 | 1,430.00 | 0.61% | 20.63% |
| 278/20-21/17 | MV Yasa Sparrow | 59.50 | 6,107.00 | 7.58% | 15.87% | 27.73% | 0.57% | 54.00 | 1,263.00 | 1,494.00 | 1.28% | 20.54% |
| 279/20-21/18 | MV Victoria | 70.65 | 6,152.00 | 7.63% | 14.98% | 26.20% | 0.49% | 53.00 | 1,420.00 | 1,491.00 | 0.43% | 21.09% |
| 280/20-21/19 | MV Yellow Fin | 59.50 | 6,035.00 | 8.10% | 15.81% | 25.88% | 0.50% | 54.00 | 1,346.00 | 1,430.00 | 0.55% | 21.53% |
| 281/20-21/20 | MV Beks Halil | 70.65 | 6,159.00 | 7.45% | 15.45% | 25.39% | 0.47% | 55.00 | 1,346.00 | 1,477.00 | 0.05% | 21.80% |
| 282/20-21/21 | MV Josco Hangzhou | 59.50 | 6,145.00 | 7.10% | 15.72% | 25.23% | 0.47% | 55.00 | 1,395.00 | 1,480.00 | 1.10% | 20.81% |
| 283/20-21/22 | MV Ceylon Breeze | 70.65 | 6,161.00 | 7.43% | 15.35% | 25.50% | 0.48% | 54.00 | 1,364.00 | 1,445.00 | 0.50% | 21.18% |
| 284/20-21/23 | MV Pacific Victory | 59.50 | 6,135.00 | 7.12% | 15.66% | 26.30% | 0.60% | 54.00 | 1,334.00 | 1,467.00 | 1.69% | 22.63% |
| 285/20-21/24 | MV African Bari Bird | 59.50 | 6,002.00 | 8.11% | 15.97% | 24.60% | 0.50% | 54.00 | 1,336.00 | 1,439.00 | 0.35% | 21.18% |
| 286/20-21/25 | MV Ceylon Princess | 92.55 | 6,152.00 | 7.64% | 14.56% | 25.20% | 0.50% | 54.00 | 1,250.00 | 1,386.00 | 0.66% | 21.76% |
| 287/20-21/26 | MV Vishva Malhar | 92.55 | 6,168.00 | 6.80% | 15.30% | 25.05% | 0.49% | 54.00 | 1,346.00 | 1,458.00 | 0.46% | 21.75% |
| 288/20-21/27 | MV Asian Prominence | 90.20 | 6,160.00 | 10.14% | 10.90% | 34.80% | 0.43% | 54.00 | 1,320.00 | 1,462.00 | 2.14% | 26.57% |
| 289/20-21/28 | MV Aries Confidence | 92.55 | 6,085.00 | 9.51% | 13.80% | 25.20% | 0.50% | 53.00 | 1,332.00 | 1,417.00 | 0.58% | 21.38% |
| 290/20-21/29 | MV Astoria | 90.20 | 6,196.00 | 9.79% | 10.85% | 34.70% | 0.48% | 54.00 | 1,325.00 | 1,448.00 | 1.54% | 24.47% |
| 291/20-21/30 | MV Hua Rong 26 | 90.20 | 6,114.00 | 10.87% | 10.60% | 34.50% | 0.44% | 54.00 | 1,331.00 | 1,465.00 | 0.85% | 21.96% |
| 292/20-21/31 | MV Ceylon Breeze | 92.63 | 6,141.00 | 7.65% | 15.50% | 24.65% | 0.51% | 53.00 | 1,331.00 | 1,475.00 | 0.37% | 21.49% |
| 293/20-21/32 | MV Ceylon Princess | 92.63 | 6,152.00 | 9.26% | 12.80% | 26.80% | 0.49% | 53.00 | 1,284.00 | 1,368.00 | 1.10% | 20.30% |
| 294/20-21/33 | MV Oceanlady | 90.20 | 6,160.00 | 10.60% | 10.80% | 34.30% | 0.46% | 53.00 | 1,343.00 | 1,469.00 | 2.84% | 22.11% |
| 295/20-21/34 | MV Market Cooper | 92.63 | 6,148.00 | 8.73% | 13.08% | 27.10% | 0.50% | 54.00 | 1,323.00 | 1,442.00 | 1.18% | 19.96% |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 296/20-21/35 | MV Amfitriti | 90.20 | 6,172.00 | 10.80% | 10.80% | 34.20% | 0.43% | 53.00 | 1,343.00 | 1,469.00 | 1.09% | 21.60% |
| 297/20-21/36 | MV Pacific Advance | 84.81 | 6,151.00 | 7.10% | 15.60% | 28.10% | 0.49% | 53.00 | 1,450.00 | 1,500.00 | 0.62% | 21.62% |
| 298/20-21/37 | MV Ceylon Breeze | 89.37 | 6,145.00 | 7.61% | 15.03% | 25.70% | 0.49% | 53.00 | 1,340.00 | 1,476.00 | 0.43% | 21.65% |
| 299/20-21/38 | MV Unity Explorer | 84.81 | 6,146.00 | 8.80% | 12.81% | 26.30% | 0.49% | 54.00 | 1,329.00 | 1,467.00 | 0.87% | 21.68% |
| 300/20-21/39 | MV Ceylon Princess | 89.37 | 6,132.00 | 8.73% | 13.90% | 25.10% | 0.48% | 54.00 | 1,341.00 | 1,452.00 | 1.12% | 21.67% |
| 301/20-21/40 | MV Zante | 84.81 | 6,145.00 | 8.24% | 14.65% | 25.40% | 0.50% | 58.00 | 1,390.00 | 1,440.00 | 0.66% | 21.31% |
| 302/20-21/41 | MV CL Dongsha He | 84.81 | 6,148.00 | 8.53% | 14.42% | 25.12% | 0.64% | 51.00 | 1,390.00 | 1,462.00 | 0.53% | 21.32% |
| 303/20-21/42 | MV Common Galaxy | 84.81 | 6,081.00 | 8.80% | 13.87% | 25.20% | 0.48% | 53.00 | 1,380.00 | 1,442.00 | 1.07% | 21.61% |
| 304/21-22/01 | MV Great Progress | 131.18 | 6,066.00 | 8.69% | 13.79% | 25.09% | 0.45% | 54.00 | 1,364.00 | 1,487.00 | 2.01% | 17.46% |
| 305/21-22/02 | MV Lem Marigold | 131.18 | 6,147.00 | 8.50% | 13.97% | 25.14% | 0.53% | 55.00 | 1,386.00 | 1,446.00 | 1.40% | 18.06% |
| 306/21-22/03 | MV Lowlands Beacon | 131.18 | 6,098.00 | 9.65% | 12.02% | 27.02% | 0.50% | 55.00 | 1,303.00 | 1,412.00 | 0.70% | 17.38% |
| 307/21-22/04 | MV BBG Ocean | 131.18 | 6,067.00 | 8.80% | 13.60% | 25.14% | 0.45% | 55.00 | 1,410.00 | 1,489.00 | 1.94% | 17.45% |
| 308/21-22/05 | MV Belray | 131.18 | 6,054.00 | 8.34% | 14.09% | 25.06% | 0.44% | 53.00 | 1,410.00 | 1,488.00 | 2.48% | 17.57% |
| 309/21-22/06 | MV African Oasis | 138.21 | 6,135.00 | 8.34% | 14.91% | 25.10% | 0.55% | 50.00 | 1,260.00 | 1,370.00 | 1.96% | 19.38% |
| 310/21-22/07 | MV PPS Salmon | 138.21 | 6,158.00 | 8.14% | 13.88% | 25.20% | 0.48% | 52.00 | 1,290.00 | 1,350.00 | 1.90% | 19.72% |
| 311/21-22/08 | MV Great Progress | 138.21 | 6,129.00 | 8.17% | 14.98% | 25.62% | 0.52% | 50.00 | 1,283.00 | 1,411.00 | 1.08% | 22.58% |
| 312/21-22/09 | MV Sagar Kanta | 138.21 | 6,155.00 | 7.84% | 15.10% | 25.14% | 0.55% | 50.00 | 1,281.00 | 1,356.00 | 1.28% | 21.35% |
| 313/21-22/10 | MV African Seto | 138.21 | 6,109.00 | 8.45% | 13.61% | 25.23% | 0.55% | 52.00 | 1,294.00 | 1,381.00 | 1.35% | 21.15% |
| 314/21-22/11 | MV Altair Sky | 214.59 | 6,160.00 | 8.45% | 12.31% | 25.05% | 0.43% | 52.00 | 1,460.00 | 1,500.00 | 1.12% | 18.72% |
| 315/21-22/12 | MV Zeyno | 144.00 | 6,071.00 | 7.51% | 15.86% | 25.11% | 0.58% | 55.00 | 1,410.00 | 1,470.00 | 1.36% | 19.16% |
| 316/21-22/13 | MV Bright Imabari | 144.00 | 6,158.00 | 8.70% | 13.30% | 26.10% | 0.64% | 52.00 | 1,368.00 | 1,421.00 | 1.26% | 19.96% |
| 317/21-22/14 | MV Big Glory | 144.00 | 6,166.00 | 7.86% | 14.40% | 25.10% | 0.62% | 54.00 | 1,364.00 | 1,456.00 | 1.21% | 20.33% |
| 318/21-22/15 | MV Belatlantic | 144.00 | 6,169.00 | 8.12% | 14.30% | 25.20% | 0.59% | 49.00 | 1,373.00 | 1,494.00 | 1.25% | 19.98% |
| 319/21-22/16 | MV Ceylon Princess | 144.00 | 6,106.00 | 9.88% | 11.79% | 26.90% | 0.51% | 54.00 | 1,340.00 | 1,408.00 | 1.24% | 20.08% |
| 320/21-22/17 | MV YM Advance | 168.99 | 6,285.00 | 10.19% | 10.80% | 34.70% | 0.31% | 56.00 | 1,275.00 | 1,428.00 | 1.01% | 19.45% |
| 321/21-22/18 | MV Great Progress | 138.77 | 6,029.00 | 9.33% | 13.84% | 25.12% | 0.48% | 53.00 | 1,420.00 | 1,479.00 | 1.60% | 20.32% |
| 322/21-22/19 | MV Bright Imabari | 138.77 | 6,157.00 | 7.78% | 14.11% | 25.32% | 0.50% | 55.00 | 1,430.00 | 1,482.00 | 1.37% | 19.66% |
| 323/21-22/20 | MV Big Glory | 138.77 | 6,084.00 | 9.28% | 12.30% | 26.16% | 0.53% | 52.00 | 1,310.00 | 1,413.00 | 1.95% | 19.91% |
| 324/21-22/21 | MV Leto | 138.77 | 6,151.00 | 7.48% | 15.23% | 25.07% | 0.55% | 56.00 | 1,345.00 | 1,455.00 | 0.94% | 21.23% |
| 325/21-22/22 | MV Ceylon Princess | 138.77 | 6,158.00 | 6.67% | 15.49% | 24.85% | 0.56% | 55.00 | 1,363.00 | 1,449.00 | 0.26% | 21.36% |
| 326/21-22/23 | MV Alwine Oldendorff | 172.71 | 6,385.00 | 10.71% | 9.85% | 33.38% | 0.47% | 57.00 | 1,220.00 | 1,435.00 | 1.28% | 21.41% |
| 327/21-22/24 | MV Puerto Rosario | 176.16 | 6,162.00 | 8.68% | 12.28% | 25.30% | 0.48% | 53.00 | 1,460.00 | 1,495.00 | 1.42% | 19.33% |
| 328/21-22/25 | MV Bright Imabari | 176.16 | 6,142.00 | 7.42% | 15.45% | 24.53% | 0.52% | 54.00 | 1,430.00 | 1,480.00 | 0.06% | 22.11% |
| 329/21-22/26 | MV Big Glory | 176.16 | 6,169.00 | 7.18% | 15.17% | 25.10% | 0.53% | 54.00 | 1,360.00 | 1,433.00 | 0.72% | 20.38% |
| 330/21-22/27 | MV Bulk Draco | 176.16 | 6,114.00 | 7.29% | 15.52% | 24.83% | 0.55% | 53.00 | 1,404.00 | 1,458.00 | 0.08% | 21.07% |
| 331/21-22/28 | MV African Lion | 176.16 | 6,084.00 | 8.94% | 11.97% | 27.15% | 0.50% | 53.00 | 1,370.00 | 1,410.00 | 0.48% | 17.45% |
| 332/21-22/29 | MV Leto | 176.16 | 6,172.00 | 7.64% | 12.81% | 26.20% | 0.46% | 53.00 | 1,400.00 | 1,498.00 | 1.71% | 19.91% |
| 333/21-22/30 | MV Western Santos | 225.98 | 6,220.00 | 9.41% | 10.80% | 34.40% | 0.42% | 56.00 | 1,225.00 | 1,430.00 | 1.09% | 21.50% |

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| 334/21-22/31 | MV IVS Prestwick | 210.46 | 6,168.00 | 7.85% | 13.69% | 25.52% | 0.46% | 54.00 | 1,368.00 | 1,453.00 | 0.97% | 19.64% |
| 335/21-22/32 | MV Spirit of Seatrek | 210.46 | 6,084.00 | 9.68% | 12.13% | 26.52% | 0.48% | 53.00 | 1,342.00 | 1,458.00 | 1.23% | 20.22% |
| 336/21-22/33 | MV Caravos Liberty | 258.66 | 6,388.00 | 8.46% | 9.80% | 34.30% | 0.35% | 55.00 | 1,235.00 | 1,420.00 | 0.76% | 20.30% |
| 337/21-22/34 | MV NS Dalian | 258.66 | 6,195.00 | 8.42% | 10.82% | 34.20% | 0.32% | 55.00 | 1,210.00 | 1,440.00 | 0.63% | 19.86% |
| 338/21-22/35 | MV Bao Chuan | 258.66 | 6,325.00 | 9.00% | 10.15% | 33.85% | 0.36% | 54.00 | 1,225.00 | 1,430.00 | 0.65% | 20.18% |
| 339/22-23/01 | MV CHRISTOS | #REF! | 6,113.00 | 6.26% | 14.10% | 25.40% | 0.49% | 55.00 | 1,442.00 | 1,495.00 | 2.10% | 21.21% |
| 340/22-23/02 | MV TAI SUMMIT | #REF! | 6,163.00 | 7.83% | 13.90% | 25.40% | 0.52% | 56.00 | 1,425.00 | 1,485.00 | 1.32% | 20.71% |
| 341/22-23/03 | MV CP TIANJIN | #REF! | 6,165.00 | 8.01% | 13.96% | 26.35% | 0.50% | 55.00 | 1,423.00 | 1,479.00 | 0.88% | 20.03% |
| 342/22-23/04 | MV KIRAN AUSTRALIA | 237.65 | 6,007.00 | 8.24% | 15.34% | 25.05% | 0.50% | 55.00 | 1,428.00 | 1,485.00 | 0.95% | 21.86% |
| 343/22-23/05 | MV ULTRA REGINA | 237.65 | 6,170.00 | 7.41% | 15.40% | 25.12% | 0.56% | 56.00 | 1,360.00 | 1,412.00 | 0.88% | 20.85% |
| 344/22-23/06 | MV DARYA RAMA | 198.26 | 6,064.00 | 6.83% | 15.70% | 25.12% | 0.56% | 55.00 | 1,500.00 | 1,500.00 | 0.79% | 20.89% |
| 345/22-23/07 | MV CP SHENZHEN | 198.26 | 6,105.00 | 8.77% | 13.80% | 25.05% | 0.49% | 55.00 | 1,412.00 | 1,492.00 | 1.50% | 19.33% |
| 346/22-23/08 | MV NING JING HAI | 212.68 | 6,125.00 | 7.78% | 15.81% | 24.97% | 0.57% | 54.00 | 1,388.00 | 1,489.00 | 1.08% | 20.94% |
| 347/22-23/09 | MV HUA RONG 26 | 237.99 | 6,374.00 | 7.85% | 10.40% | 34.50% | 0.35% | 51.00 | 1,289.00 | 1,422.00 | 2.07% | 25.54% |
| 348/22-23/10 | MV KARADENIZ S | 237.99 | 6,268.00 | 9.21% | 11.98% | 34.21% | 0.32% | 57.00 | 1,242.00 | 1,449.00 | 1.98% | 24.57% |
| 349/22-23/11 | MV GLAFKOS | 212.68 | 6,148.00 | 7.21% | 15.60% | 25.16% | 0.54% | 53.00 | 1,412.00 | 1,465.00 | 0.92% | 20.64% |
| 350/22-23/12 | MV BENJAMIN OLDENDORFF | 212.68 | 6,129.00 | 7.30% | 15.70% | 24.83% | 0.54% | 55.00 | 1,390.00 | 1,467.00 | 0.90% | 20.93% |
| 351/22-23/13 | MV CP SHENZHEN | 212.68 | 6,151.00 | 7.92% | 15.10% | 24.83% | 0.50% | 54.00 | 1,389.00 | 1,463.00 | 0.99% | 19.74% |
| 352/22-23/14 | MV ARCH. RAPHAEL | 212.68 | 6,036.00 | 9.11% | 14.35% | 25.43% | 0.69% | 54.00 | 1,325.00 | 1,443.00 | 0.89% | 20.52% |
| 353/22-23/15 | MV NING JING HAI | 168.34 | 6,158.00 | 7.30% | 15.60% | 24.52% | 0.54% | 54.00 | 1,366.00 | 1,452.00 | 1.08% | 20.95% |
| 354/22-23/16 | MV LAS PALMAS | 168.34 | 6,157.00 | 8.08% | 15.62% | 24.70% | 0.48% | 54.00 | 1,392.00 | 1,462.00 | 0.72% | 20.60% |
| 355/22-23/17 | MV IC PHOENIX | 168.34 | 6,205.00 | 7.11% | 15.45% | 24.75% | 0.50% | 52.00 | 1,430.00 | 1,478.00 | 0.68% | 20.48% |
| 356/22-23/18 | MV VITA OLYPMIC | 168.34 | 6,148.00 | 7.50% | 15.70% | 25.05% | 0.55% | 54.00 | 1,465.00 | 1,482.00 | 0.66% | 20.44% |
| 357/22-23/19 | MV AFRICAN PHEASANT | 143.95 | 6,170.00 | 7.60% | 15.03% | 25.15% | 0.50% | 54.00 | 1,438.00 | 1,492.00 | 0.73% | 20.56% |
| 358/22-23/20 | MV KIRRY MANX | 143.95 | 6,166.00 | 7.55% | 15.01% | 25.18% | 0.50% | 54.00 | 1,395.00 | 1,463.00 | 0.97% | 20.72% |
| 359/22-23/21 | MV SANTA VALENTIA | 143.95 | 6,156.00 | 7.45% | 15.35% | 25.13% | 0.54% | 54.00 | 1,440.00 | 1,482.00 | 0.83% | 20.05% |
| 360/22-23/22 | MV KIRAN ANATOLIA | 208.00 | 6,255.00 | 11.10% | 10.30% | 34.20% | 0.38% | 56.00 | 1,275.00 | 1,350.00 | 1.25% | 19.91% |
| 361/22-23/23 | MV INCE AKDENIZ | 208.00 | 6,190.00 | 11.35% | 10.30% | 34.40% | 0.41% | 54.00 | 1,250.00 | 1,360.00 | 1.10% | 19.91% |
| 362/22-23/24 | MV XIN HAI TONG 22 | 208.00 | 6,180.00 | 11.21% | 9.85% | 34.80% | 0.40% | 53.00 | 1,252.00 | 1,334.00 | 1.04% | 19.98% |
| 363/22-23/25 | MV DIONISIS | 208.00 | 6,190.00 | 11.12% | 9.88% | 34.85% | 0.38% | 54.00 | 1,230.00 | 1,290.00 | 1.20% | 20.03% |
| 364/22-23/26 | MV AYTEN CEBI | 208.00 | 6,220.00 | 11.10% | 10.01% | 33.85% | 0.41% | 56.00 | 1,260.00 | 1,350.00 | 0.96% | 20.10% |
| 365/22-23/27 | MV YANGTZE JEWEL | 208.00 | 6,273.00 | 10.60% | 10.10% | 33.85% | 0.38% | 53.00 | 1,250.00 | 1,390.00 | 0.90% | 20.29% |
| 366/22-23/28 | MV XIN HAI TONG 18 | 208.00 | 6,180.00 | 11.30% | 9.90% | 33.95% | 0.37% | 54.00 | 1,252.00 | 1,320.00 | 1.19% | 19.87% |
| 367/22-23/29 | MV SSI FORMIDABLE | 208.00 | 6,195.00 | 11.19% | 9.90% | 33.80% | 0.38% | 53.00 | 1,270.00 | 1,380.00 | 1.16% | 20.07% |
| 368/22-23/30 | MV PING HAI | 135.00 | 6,198.00 | 7.30% | 12.60% | 27.93% | 0.71% | 54.00 | 1,390.00 | 1,460.00 | 0.88% | 20.21% |
| 369/23-24/01 | MV ROBERTA | 109.98 | 6,210.00 | 10.94% | 9.33% | 33.40% | 0.44% | 52.00 | 1,261.00 | 1,378.00 | 1.32% | 19.74% |
| 370/23-24/02 | MV ARCHON GABRIEL | 109.36 | 6,178.00 | 11.12% | 9.12% | 33.42% | 0.41% | 53.00 | 1,210.00 | 1,349.00 | 0.34% | 19.87% |
| 371/23-24/03 | MV STAR FIGHTER | 109.36 | 6,172.00 | 11.04% | 9.82% | 33.91% | 0.43% | 54.00 | 1,267.00 | 1,388.00 | 0.97% | 20.04% |

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| 372/23-24/04 | MV MAINA | 113.61 | 6,178.00 | 11.21% | 9.02% | 33.85% | 0.44% | 54.00 | 1,235.00 | 1,373.00 | 0.90% | 19.50% |
| 373/23-24/05 | MV ST. SOFIA | 96.99 | 6,320.00 | 9.69% | 10.12% | 33.65% | 0.36% | 52.00 | 1,270.00 | 1,380.00 | 0.93% | 19.88% |
| 374/23-24/06 | MV ANDROS ISLAND | 96.99 | 6,169.00 | 10.44% | 10.31% | 33.72% | 0.42% | 53.00 | 1,262.00 | 1,390.00 | 0.82% | 20.08% |
| 375/23-24/07 | MV SSI CONQUEST | 96.99 | 6,291.00 | 10.10% | 9.78% | 33.82% | 0.39% | 53.00 | 1,254.00 | 1,390.00 | 1.12% | 19.93% |
| 376/23-24/08 | MV ANTHEA V | 96.99 | 6,352.00 | 10.04% | 9.62% | 33.72% | 0.42% | 53.00 | 1,260.00 | 1,340.00 | 0.84% | 20.12% |
| 377/23-24/09 | MV PERTH 1 | 96.99 | 6,282.00 | 10.10% | 10.01% | 33.61% | 0.39% | 54.00 | 1,240.00 | 1,320.00 | 0.95% | 20.02% |
| 378/23-24/10 | MV HUA RONG -26 | 99.55 | 6,240.00 | 9.83% | 10.60% | 33.80% | 0.28% | 53.00 | 1,285.00 | 1,390.00 | 1.74% | 25.20% |
| 379/23-24/11 | MV YANGTZE IMPRESSION | 106.08 | 6,170.00 | 10.10% | 10.30% | 34.35% | 0.29% | 54.00 | 1,280.00 | 1,390.00 | 1.73% | 24.01% |
| 380/23-24/12 | MV PANEMORFI | 106.08 | 6,179.00 | 10.40% | 10.60% | 34.21% | 0.30% | 56.00 | 1,280.00 | 1,380.00 | 1.57% | 24.20% |
| 381/23-24/13 | MV DATO MAX | 106.08 | 6,162.00 | 10.70% | 10.60% | 33.90% | 0.31% | 54.00 | 1,245.00 | 1,345.00 | 2.11% | 26.53% |
| 382/23-24/14 | MV KARADENIZ S | 99.86 | 6,232.00 | 10.60% | 10.70% | 33.60% | 0.31% | 54.00 | 1,254.00 | 1,358.00 | 1.37% | 22.45% |
| 383/23-24/15 | MV KIRAN KASPIAN | 99.86 | 6,159.00 | 10.49% | 10.90% | 34.40% | 0.28% | 56.00 | 1,241.00 | 1,353.00 | 0.91% | 21.77% |
| 384/23-24/16 | MV ATHOS | 106.08 | 6,367.00 | 10.39% | 9.22% | 32.51% | 0.29% | 55.00 | 1,255.00 | 1,390.00 | 1.26% | 22.75% |
| 385/23-24/17 | MV HG BRISBANE | 106.08 | 6,274.00 | 11.40% | 9.62% | 33.21% | 0.31% | 55.00 | 1,263.00 | 1,388.00 | 1.00% | 22.07% |
| 386/23-24/18 | MV ANTHEA V | 99.86 | 6,351.00 | 10.51% | 9.61% | 32.10% | 0.33% | 54.00 | 1,292.00 | 1,441.00 | 0.91% | 22.14% |
| 387/23-24/19 | MV ANDROS ISLAND | 99.86 | 6,274.00 | 10.60% | 10.85% | 32.70% | 0.33% | 54.00 | 1,284.00 | 1,410.00 | 1.10% | 22.24% |
| 388/23-24/20 | MV C LION | 99.86 | 6,234.00 | 11.33% | 10.31% | 32.61% | 0.33% | 54.00 | 1,248.00 | 1,407.00 | 1.05% | 22.29% |
| 389/23-24/21 | MV VANIZIA | 99.86 | 6,337.00 | 10.71% | 9.80% | 32.72% | 0.34% | 56.00 | 1,280.00 | 1,410.00 | 0.85% | 22.21% |
| 390/23-24/22 | MV HUA RONG -26 | 94.30 | 6,167.00 | 11.10% | 10.91% | 32.80% | 0.34% | 55.00 | 1,281.00 | 1,408.00 | 1.14% | 22.23% |
| 391/23-24/23 | MV GENOA | 94.30 | 6,258.00 | 11.22% | 10.31% | 32.31% | 0.35% | 55.00 | 1,250.00 | 1,385.00 | 1.04% | 22.27% |
| 392/23-24/24 | MV PANEMORFI | 94.30 | 6,182.00 | 11.09% | 10.72% | 33.40% | 0.31% | 56.00 | 1,275.00 | 1,375.00 | 0.64% | 21.23% |
| 393/23-24/25 | MV YANGTZE IMPRESSION | 94.30 | 6,256.00 | 11.20% | 10.20% | 33.30% | 0.32% | 55.00 | 1,274.00 | 1,386.00 | 1.03% | 22.17% |
| 394/23-24/26 | MV MEGHNA VICTORY | 90.57 | 6,367.00 | 11.71% | 8.90% | 33.60% | 0.38% | 54.00 | 1,278.00 | 1,375.00 | 0.86% | 22.13% |
| 395/23-24/27 | MV SEALADY | 90.57 | 6,321.00 | 11.68% | 10.08% | 33.70% | 0.39% | 54.00 | 1,280.00 | 1,395.00 | 1.04% | 22.11% |
| 396/23-24/28 | MV AKTI | 94.30 | 6,192.00 | 11.60% | 10.45% | 33.30% | 0.36% | 54.00 | 1,272.00 | 1,396.00 | 0.77% | 22.35% |
| 397/23-24/29 | MV THETIS | 90.57 | 6,282.00 | 11.29% | 9.10% | 31.60% | 0.38% | 54.00 | 1,265.00 | 1,388.00 | 0.94% | 21.99% |
| 398/23-24/30 | MV DATO MAX | 90.57 | 6,281.00 | 11.79% | 10.21% | 33.70% | 0.41% | 54.00 | 1,296.00 | 1,452.00 | 0.95% | 22.18% |
| 399/23-24/31 | MV AYTEN CEBI | 90.57 | 6,252.00 | 11.59% | 9.80% | 33.60% | 0.38% | 54.00 | 1,265.00 | 1,336.00 | 1.86% | 22.50% |
| 400/23-24/32 | MV MEGHNA FORTUNE | 90.57 | 6,295.00 | 11.50% | 9.97% | 34.21% | 0.37% | 54.00 | 1,275.00 | 1,375.00 | 2.04% | 22.42% |
| 401/23-24/33 | MV KIRAN CASPIAN | 90.57 | 6,252.00 | 11.91% | 10.40% | 33.81% | 0.38% | 54.00 | 1,275.00 | 1,385.00 | 1.56% | 22.09% |
| 402/23-24/34 | MV LILA | 89.09 | 6,246.00 | 11.80% | 10.41% | 34.60% | 0.37% | 54.00 | 1,240.00 | 1,360.00 | 1.16% | 22.00% |
| 403/23-24/35 | MV CHRISTINA V | 89.09 | 6,326.00 | 11.81% | 9.41% | 33.75% | 0.38% | 54.00 | 1,264.00 | 1,372.00 | 1.08% | 22.06% |
| 404/23-24/36 | MV MEGHNA HOPE | 89.09 | 6,285.00 | 11.80% | 9.21% | 33.60% | 0.36% | 53.00 | 1,270.00 | 1,384.00 | 1.03% | 21.86% |
| 405/23-24/37 | MV ANDROS ISLAND | 89.09 | 6,361.00 | 11.61% | 9.61% | 33.62% | 0.36% | 54.00 | 1,265.00 | 1,389.00 | 1.25% | 22.02% |
| 406/23-24/38 | MV HUA RONG 26 | 89.09 | 6,374.00 | 11.51% | 9.21% | 33.61% | 0.38% | 55.00 | 1,268.00 | 1,380.00 | 1.19% | 22.24% |
| 407/24-25/01 | MV KARADENIZ S | 95.16 | 6,210.00 | 10.61% | 10.10% | 33.72% | 0.38% | 54.00 | 1,231.00 | 1,345.00 | 0.95% | 21.97% |
| 408/24-25/02 | MV AFRICAN PRIDE | 95.16 | 6,224.00 | 9.40% | 10.72% | 33.81% | 0.39% | 55.00 | 1,245.00 | 1,380.00 | 1.31% | 21.69% |
| 409/24-25/03 | MV MARMARA S | 95.16 | 6,267.00 | 10.20% | 10.50% | 33.91% | 0.39% | 56.00 | 1,254.00 | 1,398.00 | 1.37% | 21.88% |

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| 410/24-25/04 | MV HUA RONG 26 | 100.20 | 6,331.00 | 9.60% | 10.30% | 33.64% | 0.38% | 56.00 | 1,260.00 | 1,375.00 | 1.04% | 21.92% |
| 411/24-25/05 | MV PORTO KIONI | 100.20 | 6,272.00 | 9.80% | 10.30% | 33.41% | 0.34% | 57.00 | 1,227.00 | 1,364.00 | 1.00% | 22.10% |
| 412/24-25/06 | MV PORTHOS | 100.20 | 6,281.00 | 10.20% | 10.82% | 32.60% | 0.34% | 54.00 | 1,248.00 | 1,388.00 | 1.55% | 21.86% |
| 413/24-25/07 | MV BULK ORIANNA | 100.20 | 6,265.00 | 9.20% | 10.70% | 33.80% | 0.36% | 55.00 | 1,270.00 | 1,390.00 | 1.27% | 21.88% |
| 414/24-25/08 | MV MEGHNA STAR | 97.61 | 6,320.00 | 10.11% | 9.41% | 33.52% | 0.38% | 55.00 | 1,280.00 | 1,387.00 | 1.02% | 22.06% |
| 415/24-25/09 | MV NS DALIAN | 97.61 | 6,320.00 | 10.30% | 10.80% | 33.96% | 0.33% | 55.00 | 1,262.00 | 1,389.00 | 1.00% | 22.33% |
| 416/24-25/10 | MV KARADENIZ S | 97.61 | 6,280.00 | 9.21% | 10.20% | 33.62% | 0.41% | 55.00 | 1,265.00 | 1,372.00 | 1.06% | 21.91% |
| 417/24-25/11 | MV AC OREN | 97.61 | 6,196.00 | 10.10% | 10.60% | 33.40% | 0.41% | 52.00 | 1,270.00 | 1,390.00 | 1.11% | 21.70% |
| 418/24-25/12 | MV UNICORN | 98.88 | 6,295.00 | 9.81% | 10.23% | 33.87% | 0.42% | 55.00 | 1,230.00 | 1,400.00 | 1.21% | 21.79% |
| 419/24-25/13 | MV YANGTZE DAWN | 98.88 | 6,352.00 | 9.21% | 9.87% | 33.42% | 0.38% | 56.00 | 1,248.00 | 1,382.00 | 0.99% | 21.38% |
| 420/24-25/14 | MV BAO EXPRESS | 98.88 | 6,321.00 | 9.80% | 10.30% | 33.60% | 0.34% | 52.00 | 1,250.00 | 1,390.00 | 1.34% | 21.64% |
| 421/24-25/15 | MV RED FIN | 98.88 | 6,335.00 | 9.80% | 10.10% | 33.40% | 0.35% | 52.00 | 1,245.00 | 1,385.00 | 0.92% | 21.54% |
| 422/24-25/16 | MV AN YANG 2 | 98.88 | 6,425.00 | 9.40% | 10.30% | 33.20% | 0.35% | 52.00 | 1,260.00 | 1,396.00 | 1.07% | 21.42% |
| 423/24-25/17 | MV GLORY TOM | 98.88 | 6,340.00 | 10.09% | 10.50% | 32.40% | 0.36% | 54.00 | 1,260.00 | 1,385.00 | 0.90% | 21.82% |
| 424/24-25/18 | MV FYM CRYSTAL | 100.27 | 6,362.00 | 11.20% | 10.40% | 32.45% | 0.35% | 54.00 | 1,244.00 | 1,375.00 | 0.96% | 21.53% |
| 425/24-25/19 | MV KARADENİZ S | 100.27 | 6,472.00 | 10.90% | 9.89% | 32.85% | 0.36% | 53.00 | 1,270.00 | 1,390.00 | 0.95% | 21.35% |
| 426/24-25/20 | MV CHANG CHANG NAN HAI | 100.27 | 6,425.00 | 10.70% | 10.50% | 31.85% | 0.33% | 54.00 | 1,270.00 | 1,380.00 | 0.85% | 21.15% |
| 427/24-25/21 | MV BULK ORIANNA | 100.27 | 6,265.00 | 8.70% | 10.50% | 32.32% | 0.32% | 54.00 | 1,254.00 | 1,380.00 | 0.91% | 21.47% |
| 428/24-25/22 | MV ALMYROS | 95.93 | 6,410.00 | 10.80% | 9.60% | 31.78% | 0.33% | 52.00 | 1,277.00 | 1,380.00 | 1.01% | 21.59% |
| 429/24-25/23 | MV MARMARA S | 95.93 | 6,412.00 | 10.10% | 10.30% | 32.80% | 0.31% | 52.00 | 1,280.00 | 1,378.00 | 1.17% | 21.43% |
| 430/24-25/24 | MV CHANG CHANG DONG HAI | 95.93 | 6,290.00 | 9.22% | 10.90% | 33.17% | 0.38% | 54.00 | 1,248.00 | 1,388.00 | 0.90% | 21.13% |
| 431/24-25/25 | MV YANGTZE IMPRESSION | 95.93 | 6,345.00 | 10.12% | 10.85% | 33.40% | 0.38% | 54.00 | 1,270.00 | 1,380.00 | 0.80% | 21.06% |
| 432/24-25/26 | MV PILATUS MARINE | 95.93 | 6,310.00 | 10.50% | 10.82% | 33.40% | 0.34% | 54.00 | 1,252.00 | 1,362.00 | 0.73% | 21.74% |
| 433/24-25/27 | MV DATO LUCKY | 95.93 | 6,375.00 | 10.11% | 10.95% | 33.80% | 0.34% | 54.00 | 1,260.00 | 1,370.00 | 0.80% | 21.36% |
| 434/24-25/28 | MV YANGTZE DAWN | 95.93 | 6,421.00 | 10.40% | 10.82% | 32.16% | 0.36% | 54.00 | 1,264.00 | 1,370.00 | 0.82% | 21.67% |
| 435/24-25/29 | MV GLORY TOM | 89.33 | 6,435.00 | 9.60% | 10.93% | 33.40% | 0.39% | 55.00 | 1,257.00 | 1,373.00 | 1.09% | 21.44% |
| 436/24-25/30 | MV EMMANUEL | 89.33 | 6,325.00 | 10.40% | 10.85% | 33.81% | 0.40% | 55.00 | 1,262.00 | 1,388.00 | 0.97% | 20.94% |
| 437/24-25/31 | MV FYM CRYSTAL | 89.33 | 6,362.00 | 10.60% | 11.21% | 33.65% | 0.38% | 55.00 | 1,270.00 | 1,380.00 | 1.02% | 20.99% |
| 438/24-25/32 | MV BAO EXPRESS | 89.33 | 6,372.00 | 10.60% | 11.15% | 33.10% | 0.41% | 55.00 | 1,270.00 | 1,382.00 | 1.06% | 21.03% |
| 439/24-25/33 | MV HUA RONG 26 | 89.33 | 6,425.00 | 10.60% | 10.81% | 31.20% | 0.41% | 54.00 | 1,250.00 | 1,395.00 | 1.00% | 20.95% |
| 440/24-25/34 | MV KARADENIZ S | 89.33 | 6,365.00 | 9.40% | 10.70% | 32.62% | 0.35% | 54.00 | 1,254.00 | 1,368.00 | 1.17% | 21.42% |
| 441/24-25/35 | MV NS DALIAN | 85.24 | 6,410.00 | 10.40% | 10.87% | 33.71% | 0.39% | 52.00 | 1,278.00 | 1,368.00 | 0.73% | 20.90% |
| 442/24-25/36 | MV MARMARA S | 85.24 | 6,382.00 | 10.18% | 10.85% | 33.81% | 0.38% | 53.00 | 1,258.00 | 1,388.00 | 0.78% | 21.02% |
| 443/24-25/37 | MV BAOSHAN GLORY | 85.24 | 6,225.00 | 11.13% | 11.11% | 33.60% | 0.41% | 54.00 | 1,254.00 | 1,375.00 | 0.77% | 20.96% |
| 444/24-25/38 | MV CHANG CHANG DONG HAI | 85.24 | 6,392.00 | 9.52% | 11.12% | 33.72% | 0.39% | 54.00 | 1,274.00 | 1,368.00 | 1.29% | 21.16% |
| 445/25-26/01 | MV PORTO FISCARDO | 78.84 | 6,170.00 | 11.34% | 9.41% | 33.72% | 0.38% | 54.00 | 1,277.00 | 1,392.00 | 1.26% | 21.60% |
| 446/25-26/02 | MV BULK ORIANNA | 78.03 | 6,189.00 | 11.55% | 10.89% | 33.49% | 0.38% | 54.00 | 1,284.00 | 1,375.00 | 0.96% | 20.94% |
| 447/25-26/03 | MV IVY GOLD | 78.03 | 6,327.00 | 10.07% | 10.78% | 33.78% | 0.31% | 54.00 | 1,275.00 | 1,360.00 | 1.04% | 20.87% |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 448/25-26/04 | MV FUHANG | 78.03 | 6,195.00 | 11.47% | 10.82% | 34.48% | 0.42% | 55.00 | 1,262.00 | 1,365.00 | 0.99% | 20.66% |
| 449/25-26/05 | MV HUA RONG 26 | 76.71 | 6,241.00 | 10.35% | 10.82% | 33.57% | 0.31% | 54.00 | 1,264.00 | 1,389.00 | 0.88% | 21.04% |
| 450/25-26/06 | MV QUEEN WIN | 76.71 | 6,221.00 | 10.64% | 10.81% | 33.44% | 0.34% | 54.00 | 1,258.00 | 1,378.00 | 0.93% | 20.92% |
| 451/25-26/07 | MV TIGER HEBEI | 76.71 | 6,243.00 | 11.19% | 10.92% | 32.72% | 0.29% | 54.00 | 1,284.00 | 1,389.00 | 0.74% | 21.27% |
| 452/25-26/08 | MV RIMAU PERKASA | 76.71 | 6,282.00 | 11.46% | 10.92% | 33.65% | 0.27% | 54.00 | 1,268.00 | 1,376.00 | 0.86% | 21.36% |
| 453/25-26/09 | MV DATO LUCKY | 76.71 | 6,172.00 | 11.20% | 10.74% | 33.70% | 0.33% | 54.00 | 1,265.00 | 1,383.00 | 1.06% | 21.28% |
| 454/25-26/10 | MV G PUTUO | 76.71 | 6,285.00 | 11.32% | 11.16% | 33.28% | 0.31% | 54.00 | 1,254.00 | 1,378.00 | 0.90% | 20.86% |
| 455/25-26/11 | MV TIGER PIONEER | 76.81 | 6,278.00 | 11.39% | 11.15% | 33.21% | 0.33% | 55.00 | 1,288.00 | 1,383.00 | 0.91% | 20.99% |

Unit 01

| Date | Coal Rate (g/kWh) | Energy MWh | | Capacity MW | Auxilary Consumption (MWh) | Coal Consumption (Tons) | Oil Consumption (Tons) |
|---|---|---|---|---|---|---|---|
| | | Gross Energy Generated | Net Energy Sent Out | | | | |
| 03-02-2020 | 212 | 124.50 | 123.50 | 5.19 | 234.07 | 26.42 | 183.67 |
| 04-02-2020 | 390 | 2526.50 | 2333.50 | 105.27 | 376.56 | 986.09 | 148.82 |
| 05-02-2020 | 387 | 5989.00 | 5472.00 | 249.54 | 517.81 | 2317.56 | 2.26 |
| 06-02-2020 | 373 | 5239.50 | 4795.50 | 218.31 | 490.76 | 1952.02 | 2.04 |
| 07-02-2020 | 380 | 5150.00 | 4726.00 | 214.58 | 475.40 | 1956.58 | 29.95 |
| 08-02-2020 | 367 | 7184.00 | 6586.00 | 299.33 | 598.78 | 2638.15 | 0.00 |
| 09-02-2020 | 368 | 7101.00 | 6536.50 | 295.88 | 565.26 | 2613.12 | 0.00 |
| 10-02-2020 | 367 | 7161.50 | 6555.50 | 298.40 | 606.78 | 2631.72 | 0.00 |
| 11-02-2020 | 368 | 7177.00 | 6597.00 | 299.04 | 580.76 | 2640.14 | 0.00 |
| 12-02-2020 | 366 | 7154.00 | 6538.50 | 298.08 | 616.28 | 2615.52 | 0.00 |
| 13-02-2020 | 366 | 7150.50 | 6549.00 | 297.94 | 602.28 | 2618.33 | 0.00 |
| 14-02-2020 | 368 | 7082.50 | 6481.00 | 295.10 | 602.26 | 2604.77 | 0.00 |
| 15-02-2020 | 372 | 6638.50 | 6033.50 | 276.60 | 605.80 | 2468.11 | 0.00 |
| 16-02-2020 | 398 | 264.00 | 242.50 | 11.00 | 245.02 | 104.98 | 28.61 |
| 25-02-2020 | 390 | 2432.50 | 2230.00 | 101.35 | 374.06 | 949.85 | 98.95 |
| 26-02-2020 | 367 | 7192.00 | 6567.50 | 299.67 | 625.24 | 2640.26 | 0.86 |
| 27-02-2020 | 366 | 7211.00 | 6532.00 | 300.46 | 679.74 | 2637.58 | 0.00 |
| 28-02-2020 | 365 | 7174.00 | 6485.50 | 298.92 | 689.24 | 2620.61 | 0.00 |
| 29-02-2020 | 366 | 7141.00 | 6463.00 | 297.54 | 678.76 | 2616.94 | 0.38 |
| 01-03-2020 | 367 | 7216.50 | 6539.50 | 300.69 | 677.74 | 2648.23 | 0.00 |
| 02-03-2020 | 363 | 7193.50 | 6519.50 | 299.73 | 674.76 | 2613.77 | 0.00 |
| 03-03-2020 | 363 | 7214.50 | 6537.00 | 300.60 | 678.26 | 2618.14 | 0.14 |
| 04-03-2020 | 368 | 7172.50 | 6492.00 | 298.85 | 681.26 | 2639.23 | 0.00 |
| 05-03-2020 | 366 | 7173.00 | 6523.50 | 298.88 | 650.26 | 2628.07 | 0.19 |
| 06-03-2020 | 364 | 7164.00 | 6532.00 | 298.50 | 632.76 | 2607.41 | 0.00 |
| 07-03-2020 | 371 | 7091.00 | 6467.00 | 295.46 | 624.72 | 2628.98 | 0.00 |
| 08-03-2020 | 375 | 7188.00 | 6573.50 | 299.50 | 615.22 | 2694.67 | 0.00 |
| 09-03-2020 | 374 | 7186.00 | 6539.00 | 299.42 | 647.70 | 2689.27 | 0.00 |
| 10-03-2020 | 366 | 7168.00 | 6541.50 | 298.67 | 627.24 | 2624.62 | 0.00 |
| 11-03-2020 | 372 | 7151.50 | 6526.50 | 297.98 | 625.76 | 2658.82 | 0.00 |
| 12-03-2020 | 371 | 7214.00 | 6591.50 | 300.58 | 623.24 | 2673.19 | 0.00 |
| 13-03-2020 | 369 | 7189.00 | 6569.00 | 299.54 | 620.76 | 2655.67 | 0.00 |
| 14-03-2020 | 366 | 7206.00 | 6587.50 | 300.25 | 619.24 | 2636.93 | 0.00 |
| 15-03-2020 | 364 | 7146.50 | 6531.00 | 297.77 | 616.24 | 2601.00 | 0.00 |
| 16-03-2020 | 371 | 7145.00 | 6525.50 | 297.71 | 620.24 | 2653.18 | 0.00 |
| 17-03-2020 | 368 | 7184.00 | 6558.00 | 299.33 | 626.76 | 2645.54 | 0.00 |
| 18-03-2020 | 369 | 7150.00 | 6527.50 | 297.92 | 623.26 | 2638.42 | 0.00 |
| 19-03-2020 | 369 | 7091.00 | 6475.00 | 295.46 | 616.74 | 2617.63 | 0.00 |
| 20-03-2020 | 366 | 7141.50 | 6457.00 | 297.56 | 685.26 | 2615.09 | 0.34 |
| 21-03-2020 | 367 | 7113.50 | 6444.00 | 296.40 | 670.24 | 2610.02 | 0.00 |
| 22-03-2020 | 378 | 7087.00 | 6414.00 | 295.29 | 673.74 | 2679.07 | 0.00 |
| 23-03-2020 | 373 | 7122.00 | 6452.50 | 296.75 | 670.24 | 2653.94 | 0.00 |
| 24-03-2020 | 368 | 7046.50 | 6386.00 | 293.60 | 661.24 | 2589.94 | 0.00 |
| 25-03-2020 | 371 | 6920.00 | 6279.00 | 288.33 | 641.74 | 2565.53 | 0.00 |
| 26-03-2020 | 371 | 6890.00 | 6224.00 | 287.08 | 666.76 | 2557.94 | 0.00 |
| 27-03-2020 | 370 | 7031.50 | 6368.50 | 292.98 | 663.72 | 2605.01 | 0.00 |
| 28-03-2020 | 375 | 7044.00 | 6383.00 | 293.50 | 661.74 | 2644.75 | 0.00 |
| 29-03-2020 | 378 | 7011.50 | 6353.00 | 292.15 | 659.26 | 2652.53 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 30-03-2020 | 365 | 7073.00 | 6413.50 | 294.71 | 660.22 | 2578.82 | 0.00 |
| 31-03-2020 | 369 | 7028.50 | 6372.00 | 292.85 | 657.24 | 2593.63 | 0.00 |
| 01-04-2020 | 364 | 7112.00 | 6448.50 | 296.33 | 664.22 | 2591.21 | 0.00 |
| 02-04-2020 | 365 | 7020.00 | 6365.00 | 292.50 | 655.74 | 2563.25 | 0.00 |
| 03-04-2020 | 369 | 6990.50 | 6331.50 | 291.27 | 659.74 | 2579.90 | 0.00 |
| 04-04-2020 | 372 | 6916.50 | 6276.00 | 288.19 | 641.28 | 2570.81 | 0.00 |
| 05-04-2020 | 371 | 6787.00 | 6123.50 | 282.79 | 664.24 | 2516.66 | 0.14 |
| 06-04-2020 | 372 | 7039.00 | 6394.50 | 293.29 | 645.26 | 2614.99 | 0.00 |
| 07-04-2020 | 366 | 7194.50 | 6509.00 | 299.77 | 686.20 | 2634.24 | 0.00 |
| 08-04-2020 | 367 | 7093.50 | 6429.00 | 295.56 | 665.20 | 2606.50 | 0.00 |
| 09-04-2020 | 367 | 7063.00 | 6400.50 | 294.29 | 663.22 | 2595.12 | 0.00 |
| 10-04-2020 | 368 | 7049.50 | 6388.00 | 293.73 | 662.24 | 2595.00 | 0.00 |
| 11-04-2020 | 369 | 6818.50 | 6179.00 | 284.10 | 640.24 | 2514.50 | 0.00 |
| 12-04-2020 | 365 | 6644.00 | 6020.50 | 276.83 | 624.24 | 2423.18 | 0.00 |
| 13-04-2020 | 371 | 6403.00 | 5792.50 | 266.79 | 611.26 | 2377.56 | 0.00 |
| 14-04-2020 | 368 | 6237.50 | 5638.00 | 259.90 | 600.24 | 2292.41 | 0.00 |
| 15-04-2020 | 374 | 6179.00 | 5576.00 | 257.46 | 603.72 | 2311.58 | 0.00 |
| 16-04-2020 | 376 | 6767.00 | 6132.50 | 281.96 | 635.22 | 2546.50 | 0.00 |
| 17-04-2020 | 377 | 6754.50 | 6125.00 | 281.44 | 631.34 | 2548.08 | 0.00 |
| 18-04-2020 | 376 | 6874.00 | 6238.50 | 286.42 | 636.22 | 2581.80 | 0.00 |
| 19-04-2020 | 354 | 6851.00 | 6241.00 | 285.46 | 610.72 | 2426.42 | 0.00 |
| 20-04-2020 | 368 | 6736.50 | 6100.50 | 280.69 | 636.74 | 2482.20 | 0.00 |
| 21-04-2020 | 373 | 7033.00 | 6400.50 | 293.04 | 633.28 | 2623.46 | 0.00 |
| 22-04-2020 | 369 | 7009.50 | 6373.50 | 292.06 | 636.68 | 2587.58 | 0.00 |
| 23-04-2020 | 368 | 7060.00 | 6429.50 | 294.17 | 631.24 | 2601.50 | 0.00 |
| 24-04-2020 | 369 | 7012.00 | 6386.50 | 292.17 | 626.24 | 2587.54 | 0.00 |
| 25-04-2020 | 366 | 6963.50 | 6352.00 | 290.15 | 612.24 | 2548.27 | 0.00 |
| 26-04-2020 | 365 | 6971.00 | 6317.50 | 290.46 | 654.26 | 2545.97 | 0.00 |
| 27-04-2020 | 368 | 7127.50 | 6507.50 | 296.98 | 620.72 | 2624.21 | 0.00 |
| 28-04-2020 | 372 | 7161.00 | 6570.00 | 298.38 | 591.74 | 2662.68 | 0.00 |
| 29-04-2020 | 371 | 7161.00 | 6542.00 | 298.38 | 619.74 | 2654.59 | 0.00 |
| 30-04-2020 | 373 | 6785.50 | 6216.00 | 282.73 | 570.26 | 2531.18 | 0.00 |
| 01-05-2020 | 372 | 6881.00 | 6262.00 | 286.71 | 619.76 | 2559.96 | 0.00 |
| 02-05-2020 | 368 | 7059.00 | 6419.00 | 294.13 | 640.72 | 2598.31 | 0.00 |
| 03-05-2020 | 366 | 7165.00 | 6521.50 | 298.54 | 644.20 | 2623.49 | 0.00 |
| 04-05-2020 | 369 | 7018.50 | 6392.50 | 292.44 | 626.74 | 2587.68 | 0.00 |
| 05-05-2020 | 393 | 6708.50 | 6520.50 | 279.52 | 188.12 | 2637.62 | 0.34 |
| 06-05-2020 | 351 | 7530.00 | 6469.00 | 313.75 | 1061.18 | 2642.06 | 0.00 |
| 07-05-2020 | 366 | 7024.00 | 6387.00 | 292.67 | 637.72 | 2567.86 | 0.00 |
| 08-05-2020 | 373 | 6775.00 | 6212.00 | 282.29 | 563.74 | 2527.25 | 0.00 |
| 09-05-2020 | 372 | 7050.50 | 6438.00 | 293.77 | 613.22 | 2621.88 | 0.00 |
| 10-05-2020 | 371 | 7109.50 | 6504.00 | 296.23 | 606.20 | 2640.91 | 0.00 |
| 11-05-2020 | 373 | 6962.50 | 6346.50 | 290.10 | 616.72 | 2599.82 | 0.00 |
| 12-05-2020 | 370 | 7063.50 | 6417.00 | 294.31 | 647.22 | 2613.26 | 0.00 |
| 13-05-2020 | 371 | 6965.00 | 6347.00 | 290.21 | 618.74 | 2583.29 | 0.00 |
| 14-05-2020 | 368 | 6945.50 | 6279.00 | 289.40 | 667.26 | 2558.62 | 0.00 |
| 15-05-2020 | 374 | 6798.00 | 6170.50 | 283.25 | 628.24 | 2541.05 | 0.00 |
| 16-05-2020 | 374 | 6658.00 | 6034.50 | 277.42 | 624.24 | 2491.66 | 0.00 |
| 17-05-2020 | 371 | 7092.50 | 6449.00 | 295.52 | 644.24 | 2634.65 | 0.00 |
| 18-05-2020 | 370 | 6958.00 | 6319.00 | 289.92 | 639.74 | 2575.37 | 0.00 |
| 19-05-2020 | 374 | 6620.00 | 5983.00 | 275.83 | 637.72 | 2478.29 | 0.00 |
| 20-05-2020 | 370 | 6766.00 | 6116.00 | 281.92 | 650.72 | 2504.42 | 0.24 |
| 21-05-2020 | 372 | 7147.00 | 6491.50 | 297.79 | 655.50 | 2657.04 | 0.00 |
| 22-05-2020 | 373 | 7127.50 | 6442.50 | 296.98 | 685.00 | 2657.02 | 0.00 |
| 23-05-2020 | 370 | 7171.00 | 6525.50 | 298.79 | 645.50 | 2653.87 | 0.00 |
| 24-05-2020 | 372 | 7131.50 | 6453.50 | 297.15 | 678.00 | 2654.81 | 0.00 |
| 25-05-2020 | 373 | 7035.50 | 6396.00 | 293.15 | 639.50 | 2621.86 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 26-05-2020 | 378 | 7152.50 | 6472.00 | 298.02 | 680.50 | 2703.86 | 0.00 |
| 27-05-2020 | 380 | 7104.00 | 6458.00 | 296.00 | 646.00 | 2696.98 | 0.00 |
| 28-05-2020 | 378 | 7160.50 | 6481.50 | 298.35 | 679.70 | 2704.46 | 0.00 |
| 29-05-2020 | 382 | 7086.00 | 6440.00 | 295.25 | 646.70 | 2706.84 | 0.00 |
| 30-05-2020 | 379 | 7167.00 | 6487.00 | 298.63 | 680.72 | 2713.58 | 0.00 |
| 31-05-2020 | 377 | 7152.00 | 6488.50 | 298.00 | 664.20 | 2699.45 | 0.00 |
| 01-06-2020 | 377 | 7128.00 | 6465.50 | 297.00 | 663.26 | 2689.49 | 0.00 |
| 02-06-2020 | 377 | 7152.50 | 6488.00 | 298.02 | 665.24 | 2696.18 | 0.00 |
| 03-06-2020 | 375 | 7182.00 | 6513.00 | 299.25 | 669.76 | 2692.22 | 0.00 |
| 04-06-2020 | 376 | 7178.00 | 6521.00 | 299.08 | 657.74 | 2702.35 | 0.00 |
| 05-06-2020 | 375 | 7167.50 | 6531.50 | 298.65 | 636.74 | 2686.13 | 0.31 |
| 06-06-2020 | 380 | 7044.50 | 6392.00 | 293.52 | 653.24 | 2673.50 | 0.00 |
| 07-06-2020 | 385 | 7045.50 | 6401.50 | 293.56 | 644.74 | 2714.52 | 0.00 |
| 08-06-2020 | 386 | 6778.50 | 6141.50 | 282.44 | 637.72 | 2617.68 | 0.00 |
| 09-06-2020 | 380 | 7104.00 | 6468.50 | 296.00 | 636.22 | 2699.78 | 0.00 |
| 10-06-2020 | 382 | 7137.00 | 6464.50 | 297.38 | 718.62 | 2728.87 | 0.00 |
| 11-06-2020 | 379 | 7108.00 | 6458.50 | 296.17 | 649.50 | 2695.01 | 0.00 |
| 12-06-2020 | 380 | 7181.00 | 6523.50 | 299.21 | 657.50 | 2730.34 | 0.00 |
| 13-06-2020 | 380 | 7165.00 | 6512.50 | 298.54 | 652.50 | 2724.22 | 0.00 |
| 14-06-2020 | 377 | 7104.00 | 6472.50 | 296.00 | 631.50 | 2680.58 | 0.00 |
| 15-06-2020 | 375 | 7149.00 | 6482.00 | 297.88 | 667.00 | 2681.30 | 0.00 |
| 16-06-2020 | 372 | 7128.00 | 6482.00 | 297.00 | 646.00 | 2652.17 | 0.00 |
| 17-06-2020 | 370 | 7120.00 | 6475.50 | 296.67 | 644.50 | 2637.60 | 0.00 |
| 18-06-2020 | 371 | 7101.00 | 6456.00 | 295.88 | 645.54 | 2635.82 | 0.00 |
| 19-06-2020 | 377 | 7168.00 | 6518.00 | 298.67 | 650.74 | 2702.98 | 0.00 |
| 20-06-2020 | 380 | 7164.00 | 6515.50 | 298.50 | 649.24 | 2724.00 | 0.26 |
| 21-06-2020 | 384 | 7095.50 | 6452.00 | 295.65 | 644.20 | 2725.56 | 0.00 |
| 22-06-2020 | 383 | 7133.50 | 6507.00 | 297.23 | 627.20 | 2732.06 | 0.00 |
| 23-06-2020 | 380 | 6993.00 | 6390.50 | 291.38 | 603.24 | 2656.46 | 7.32 |
| 24-06-2020 | 380 | 7180.00 | 6547.50 | 299.17 | 633.24 | 2727.07 | 0.00 |
| 25-06-2020 | 380 | 7176.00 | 6557.00 | 299.00 | 619.76 | 2730.22 | 0.00 |
| 26-06-2020 | 385 | 7132.50 | 6496.00 | 297.19 | 637.24 | 2749.42 | 0.00 |
| 27-06-2020 | 382 | 7170.00 | 6498.50 | 298.75 | 672.22 | 2735.90 | 0.00 |
| 28-06-2020 | 384 | 7108.00 | 6470.50 | 296.17 | 638.22 | 2732.86 | 0.00 |
| 29-06-2020 | 380 | 6474.50 | 5858.00 | 269.77 | 617.24 | 2461.39 | 0.00 |
| 30-06-2020 | 375 | 7176.50 | 6524.50 | 299.02 | 652.74 | 2687.57 | 0.00 |
| 01-07-2020 | 379 | 7187.50 | 6534.50 | 299.48 | 653.76 | 2721.50 | 0.00 |
| 02-07-2020 | 375 | 7191.50 | 6541.50 | 299.65 | 650.74 | 2698.32 | 0.00 |
| 03-07-2020 | 380 | 7201.50 | 6545.50 | 300.06 | 656.72 | 2735.71 | 0.00 |
| 04-07-2020 | 382 | 6272.00 | 5690.00 | 261.33 | 582.74 | 2394.84 | 0.00 |
| 05-07-2020 | 375 | 7167.50 | 6503.00 | 298.65 | 665.24 | 2688.74 | 0.24 |
| 06-07-2020 | 378 | 7151.00 | 6504.50 | 297.96 | 647.22 | 2702.93 | 0.00 |
| 07-07-2020 | 377 | 7176.00 | 6523.50 | 299.00 | 653.26 | 2708.42 | 0.00 |
| 08-07-2020 | 377 | 7145.00 | 6496.00 | 297.71 | 649.74 | 2696.16 | 0.00 |
| 09-07-2020 | 378 | 7170.00 | 6517.50 | 298.75 | 653.24 | 2708.18 | 0.00 |
| 10-07-2020 | 381 | 7139.00 | 6484.50 | 297.46 | 655.24 | 2722.08 | 0.00 |
| 11-07-2020 | 378 | 7161.50 | 6507.50 | 298.40 | 654.74 | 2705.09 | 0.00 |
| 12-07-2020 | 382 | 7160.00 | 6502.50 | 298.33 | 658.24 | 2736.55 | 0.00 |
| 13-07-2020 | 382 | 7128.00 | 6493.50 | 297.00 | 635.22 | 2721.22 | 0.00 |
| 14-07-2020 | 379 | 7163.00 | 6500.00 | 298.46 | 663.72 | 2712.22 | 0.00 |
| 15-07-2020 | 384 | 7131.00 | 6479.00 | 297.13 | 652.74 | 2738.09 | 0.00 |
| 16-07-2020 | 380 | 7128.50 | 6484.00 | 297.02 | 645.24 | 2711.21 | 0.00 |
| 17-07-2020 | 383 | 7149.00 | 6505.00 | 297.88 | 644.78 | 2741.42 | 0.00 |
| 18-07-2020 | 380 | 7170.00 | 6530.50 | 298.75 | 640.22 | 2722.34 | 0.00 |
| 19-07-2020 | 382 | 7147.00 | 6516.00 | 297.79 | 631.72 | 2731.46 | 0.00 |
| 20-07-2020 | 380 | 7109.50 | 6482.00 | 296.23 | 628.22 | 2700.43 | 0.00 |
| 21-07-2020 | 381 | 7106.50 | 6479.00 | 296.10 | 628.26 | 2705.50 | 0.24 |

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| 22-07-2020 | 382 | 7161.00 | 6527.00 | 298.38 | 634.74 | 2732.93 | 0.00 |
| 23-07-2020 | 373 | 7167.50 | 6555.00 | 298.65 | 613.26 | 2676.19 | 0.00 |
| 24-07-2020 | 378 | 7179.00 | 6518.00 | 299.13 | 661.72 | 2716.66 | 0.00 |
| 25-07-2020 | 377 | 7158.50 | 6527.00 | 298.27 | 632.24 | 2698.25 | 0.00 |
| 26-07-2020 | 377 | 7190.00 | 6520.00 | 299.58 | 670.70 | 2710.70 | 0.00 |
| 27-07-2020 | 377 | 7162.50 | 6525.50 | 298.44 | 637.76 | 2697.67 | 0.00 |
| 28-07-2020 | 374 | 7186.00 | 6518.50 | 299.42 | 668.22 | 2688.60 | 0.00 |
| 29-07-2020 | 381 | 7171.00 | 6523.50 | 298.79 | 648.26 | 2729.74 | 0.00 |
| 30-07-2020 | 378 | 7183.00 | 6537.50 | 299.29 | 646.22 | 2716.58 | 0.00 |
| 31-07-2020 | 377 | 7179.00 | 6533.50 | 299.13 | 646.22 | 2705.11 | 0.00 |
| 01-08-2020 | 374 | 7186.50 | 6546.50 | 299.44 | 640.74 | 2688.17 | 0.00 |
| 02-08-2020 | 373 | 7175.00 | 6535.00 | 298.96 | 640.72 | 2679.62 | 0.00 |
| 03-08-2020 | 377 | 6998.50 | 6369.00 | 291.60 | 630.20 | 2637.86 | 0.00 |
| 04-08-2020 | 374 | 7094.50 | 6459.00 | 295.60 | 636.24 | 2652.82 | 0.00 |
| 05-08-2020 | 372 | 7136.00 | 6499.50 | 297.33 | 637.22 | 2657.52 | 0.19 |
| 06-08-2020 | 375 | 6724.50 | 6112.00 | 280.19 | 613.26 | 2521.54 | 0.00 |
| 07-08-2020 | 380 | 6560.00 | 5952.50 | 273.33 | 608.24 | 2490.31 | 0.00 |
| 08-08-2020 | 384 | 6318.50 | 5746.00 | 263.27 | 573.26 | 2426.78 | 0.00 |
| 09-08-2020 | 393 | 4980.00 | 4466.50 | 207.50 | 514.26 | 1957.15 | 0.00 |
| 10-08-2020 | 379 | 6231.00 | 5639.00 | 259.63 | 592.74 | 2363.35 | 3.10 |
| 11-08-2020 | 374 | 6142.00 | 5561.50 | 255.92 | 581.24 | 2296.25 | 13.68 |
| 12-08-2020 | 376 | 6466.00 | 5862.50 | 269.42 | 604.26 | 2432.04 | 10.22 |
| 13-08-2020 | 380 | 6755.50 | 6149.50 | 281.48 | 606.74 | 2565.91 | 0.00 |
| 14-08-2020 | 378 | 7178.50 | 6518.50 | 299.10 | 660.76 | 2712.43 | 0.00 |
| 15-08-2020 | 379 | 7122.00 | 6482.50 | 296.75 | 640.42 | 2698.34 | 0.00 |
| 16-08-2020 | 376 | 6977.00 | 6346.00 | 290.71 | 631.54 | 2624.52 | 0.00 |
| 17-08-2020 | 378 | 3334.50 | 3021.00 | 138.94 | 314.29 | 1259.83 | 0.31 |
| 31-08-2020 | 358 | 555.50 | 500.00 | 23.15 | 252.27 | 198.65 | 87.98 |
| 01-09-2020 | 371 | 7118.00 | 6518.00 | 296.58 | 600.72 | 2637.24 | 0.00 |
| 02-09-2020 | 370 | 7050.50 | 6359.00 | 293.77 | 692.24 | 2606.66 | 0.00 |
| 03-09-2020 | 369 | 7090.50 | 6425.50 | 295.44 | 665.72 | 2618.81 | 0.00 |
| 04-09-2020 | 374 | 7149.50 | 6492.00 | 297.90 | 658.22 | 2676.55 | 0.00 |
| 05-09-2020 | 372 | 7191.50 | 6505.00 | 299.65 | 687.24 | 2678.50 | 0.19 |
| 06-09-2020 | 370 | 7140.00 | 6485.00 | 297.50 | 655.76 | 2644.42 | 0.00 |
| 07-09-2020 | 374 | 6893.50 | 6226.00 | 287.23 | 668.24 | 2579.71 | 0.00 |
| 08-09-2020 | 371 | 7185.00 | 6513.50 | 299.38 | 672.22 | 2667.50 | 0.00 |
| 09-09-2020 | 373 | 7168.00 | 6492.00 | 298.67 | 676.72 | 2675.54 | 0.00 |
| 10-09-2020 | 368 | 7088.50 | 6419.00 | 295.35 | 670.24 | 2608.75 | 0.00 |
| 11-09-2020 | 364 | 7170.00 | 6496.00 | 298.75 | 674.74 | 2611.66 | 0.00 |
| 12-09-2020 | 365 | 7166.50 | 6495.00 | 298.60 | 672.22 | 2617.68 | 0.00 |
| 13-09-2020 | 366 | 7091.00 | 6439.00 | 295.46 | 652.74 | 2594.45 | 0.00 |
| 14-09-2020 | 365 | 7189.00 | 6494.00 | 299.54 | 695.72 | 2626.56 | 0.00 |
| 15-09-2020 | 364 | 7182.50 | 6505.00 | 299.27 | 678.24 | 2616.62 | 0.00 |
| 16-09-2020 | 365 | 7154.00 | 6495.00 | 298.08 | 659.72 | 2607.72 | 0.00 |
| 17-09-2020 | 364 | 7184.50 | 6493.00 | 299.35 | 692.20 | 2613.74 | 0.00 |
| 18-09-2020 | 364 | 6966.00 | 6299.50 | 290.25 | 667.22 | 2535.12 | 0.00 |
| 19-09-2020 | 373 | 6042.00 | 5441.00 | 251.75 | 601.72 | 2255.64 | 0.00 |
| 20-09-2020 | 375 | 5804.50 | 5199.00 | 241.85 | 606.24 | 2175.58 | 0.29 |
| 21-09-2020 | 374 | 6247.50 | 5626.00 | 260.31 | 622.24 | 2338.34 | 0.00 |
| 22-09-2020 | 371 | 6347.00 | 5703.00 | 264.46 | 644.74 | 2352.79 | 0.00 |
| 23-09-2020 | 374 | 6431.50 | 5799.50 | 267.98 | 632.72 | 2406.84 | 0.00 |
| 24-09-2020 | 371 | 6716.00 | 6043.50 | 279.83 | 673.22 | 2491.46 | 0.00 |
| 25-09-2020 | 370 | 6871.00 | 6219.50 | 286.29 | 652.24 | 2539.10 | 0.00 |
| 26-09-2020 | 369 | 7103.50 | 6406.50 | 295.98 | 697.72 | 2624.18 | 0.00 |
| 27-09-2020 | 373 | 7136.00 | 6452.03 | 297.33 | 684.69 | 2658.60 | 0.00 |
| 28-09-2020 | 374 | 7176.50 | 6496.97 | 299.02 | 680.25 | 2681.76 | 0.00 |
| 29-09-2020 | 374 | 7146.50 | 6473.50 | 297.77 | 673.74 | 2673.98 | 0.00 |

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| 30-09-2020 | 370 | 6892.00 | 6232.50 | 287.17 | 660.22 | 2550.60 | 0.00 |
| 01-10-2020 | 380 | 6135.50 | 5529.50 | 255.65 | 606.72 | 2329.46 | 0.00 |
| 02-10-2020 | 378 | 6806.50 | 6134.00 | 283.60 | 673.24 | 2573.54 | 0.00 |
| 03-10-2020 | 374 | 7144.00 | 6469.00 | 297.67 | 675.70 | 2669.09 | 0.00 |
| 04-10-2020 | 368 | 7055.00 | 6389.00 | 293.96 | 666.70 | 2598.72 | 0.00 |
| 05-10-2020 | 368 | 7159.50 | 6482.50 | 298.31 | 677.72 | 2632.61 | 0.31 |
| 06-10-2020 | 367 | 7170.50 | 6510.50 | 298.77 | 660.72 | 2634.05 | 0.00 |
| 07-10-2020 | 366 | 7154.50 | 6465.00 | 298.10 | 690.24 | 2615.50 | 0.00 |
| 08-10-2020 | 371 | 7152.50 | 6500.50 | 298.02 | 652.74 | 2652.67 | 0.00 |
| 09-10-2020 | 368 | 7205.50 | 6522.50 | 300.23 | 683.72 | 2653.49 | 0.00 |
| 10-10-2020 | 368 | 7112.50 | 6467.50 | 296.35 | 645.72 | 2615.64 | 0.00 |
| 11-10-2020 | 370 | 6171.50 | 5540.00 | 257.15 | 632.22 | 2285.42 | 0.00 |
| 12-10-2020 | 366 | 6785.00 | 6147.00 | 282.71 | 638.74 | 2483.47 | 0.00 |
| 13-10-2020 | 366 | 6875.50 | 6214.50 | 286.48 | 661.72 | 2515.42 | 0.00 |
| 14-10-2020 | 369 | 6831.50 | 6181.00 | 284.65 | 651.24 | 2524.15 | 0.00 |
| 15-10-2020 | 373 | 6200.00 | 5581.00 | 258.33 | 619.74 | 2310.17 | 0.00 |
| 16-10-2020 | 372 | 6019.00 | 5403.50 | 250.79 | 616.22 | 2240.38 | 0.00 |
| 17-10-2020 | 371 | 5921.00 | 5317.00 | 246.71 | 604.72 | 2197.20 | 0.00 |
| 18-10-2020 | 374 | 5770.00 | 5179.00 | 240.42 | 591.68 | 2156.21 | 0.00 |
| 19-10-2020 | 369 | 6998.50 | 6347.00 | 291.60 | 652.24 | 2585.57 | 0.00 |
| 20-10-2020 | 368 | 7188.00 | 6494.00 | 299.50 | 694.72 | 2644.30 | 0.26 |
| 21-10-2020 | 369 | 7129.00 | 6455.50 | 297.04 | 674.22 | 2632.99 | 0.10 |
| 22-10-2020 | 369 | 7136.00 | 6465.00 | 297.33 | 671.72 | 2634.55 | 0.00 |
| 23-10-2020 | 369 | 7207.00 | 6533.00 | 300.29 | 674.70 | 2656.61 | 0.00 |
| 24-10-2020 | 369 | 7193.00 | 6525.00 | 299.71 | 668.72 | 2654.81 | 0.00 |
| 25-10-2020 | 369 | 7208.00 | 6534.50 | 300.33 | 674.20 | 2658.60 | 0.00 |
| 26-10-2020 | 369 | 7186.00 | 6529.00 | 299.42 | 657.68 | 2654.81 | 0.00 |
| 27-10-2020 | 371 | 7159.50 | 6508.00 | 298.31 | 652.22 | 2656.68 | 0.00 |
| 28-10-2020 | 371 | 7172.50 | 6535.00 | 298.85 | 638.20 | 2657.74 | 0.00 |
| 29-10-2020 | 370 | 7182.00 | 6511.50 | 299.25 | 671.22 | 2659.03 | 0.00 |
| 30-10-2020 | 375 | 7104.50 | 6455.50 | 296.02 | 649.00 | 2664.50 | 0.00 |
| 31-10-2020 | 376 | 7133.50 | 6484.00 | 297.23 | 649.50 | 2683.25 | 0.00 |
| 01-11-2020 | 376 | 7179.50 | 6539.00 | 299.15 | 640.50 | 2700.53 | 0.00 |
| 02-11-2020 | 375 | 7211.50 | 6538.00 | 300.48 | 673.50 | 2703.36 | 0.00 |
| 03-11-2020 | 380 | 7191.50 | 6532.50 | 299.65 | 659.00 | 2731.63 | 0.00 |
| 04-11-2020 | 377 | 7156.00 | 6498.00 | 298.17 | 658.00 | 2696.23 | 0.00 |
| 05-11-2020 | 375 | 7166.00 | 6509.00 | 298.58 | 657.00 | 2686.73 | 0.00 |
| 06-11-2020 | 376 | 7158.00 | 6469.50 | 298.25 | 688.50 | 2694.74 | 0.00 |
| 07-11-2020 | 377 | 7155.00 | 6498.00 | 298.13 | 657.00 | 2698.85 | 0.00 |
| 08-11-2020 | 378 | 7105.00 | 6492.00 | 296.04 | 613.00 | 2684.76 | 0.00 |
| 09-11-2020 | 380 | 7024.00 | 6374.50 | 292.67 | 649.50 | 2672.26 | 0.00 |
| 10-11-2020 | 380 | 7052.00 | 6420.50 | 293.83 | 631.50 | 2680.39 | 0.00 |
| 11-11-2020 | 381 | 7144.00 | 6503.00 | 297.67 | 641.00 | 2722.54 | 0.00 |
| 12-11-2020 | 384 | 6925.00 | 6299.50 | 288.54 | 625.50 | 2658.19 | 0.00 |
| 13-11-2020 | 383 | 7144.00 | 6528.50 | 297.67 | 615.50 | 2734.51 | 0.00 |
| 14-11-2020 | 380 | 7164.00 | 6527.50 | 298.50 | 636.50 | 2719.25 | 0.00 |
| 15-11-2020 | 385 | 7065.00 | 6464.00 | 294.38 | 601.00 | 2721.53 | 0.00 |
| 16-11-2020 | 390 | 6992.00 | 6408.50 | 291.33 | 583.50 | 2724.41 | 0.00 |
| 17-11-2020 | 388 | 7100.00 | 6512.00 | 295.83 | 588.00 | 2757.36 | 0.00 |
| 18-11-2020 | 393 | 6987.00 | 6388.50 | 291.13 | 598.50 | 2747.69 | 0.00 |
| 19-11-2020 | 384 | 7127.00 | 6525.50 | 296.96 | 601.50 | 2738.04 | 0.00 |
| 20-11-2020 | 381 | 7140.00 | 6533.00 | 297.50 | 607.00 | 2717.98 | 0.00 |
| 21-11-2020 | 376 | 7170.00 | 6570.00 | 298.75 | 600.00 | 2693.95 | 0.31 |
| 22-11-2020 | 378 | 7152.00 | 6554.50 | 298.00 | 597.50 | 2704.68 | 0.00 |
| 23-11-2020 | 379 | 7046.00 | 6470.50 | 293.58 | 575.50 | 2673.26 | 0.00 |
| 24-11-2020 | 388 | 7084.00 | 6457.50 | 295.17 | 626.50 | 2747.16 | 0.00 |
| 25-11-2020 | 387 | 7111.00 | 6463.00 | 296.29 | 648.00 | 2749.87 | 0.00 |

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| 26-11-2020 | 379 | 7176.00 | 6525.50 | 299.00 | 650.62 | 2716.15 | 0.00 |
| 27-11-2020 | 383 | 7139.00 | 6482.00 | 297.46 | 657.78 | 2732.93 | 0.00 |
| 28-11-2020 | 387 | 7115.00 | 6449.50 | 296.46 | 666.26 | 2751.00 | 0.00 |
| 29-11-2020 | 380 | 7182.00 | 6543.00 | 299.25 | 639.78 | 2728.39 | 0.00 |
| 30-11-2020 | 371 | 7166.00 | 6547.00 | 298.58 | 619.76 | 2655.91 | 0.00 |
| 01-12-2020 | 368 | 7151.00 | 6530.50 | 297.96 | 621.28 | 2631.10 | 0.00 |
| 02-12-2020 | 364 | 6858.00 | 6263.50 | 285.75 | 595.28 | 2496.22 | 0.00 |
| 03-12-2020 | 366 | 6678.00 | 6089.00 | 278.25 | 589.62 | 2446.99 | 0.00 |
| 04-12-2020 | 368 | 7162.00 | 6548.50 | 298.42 | 614.24 | 2637.05 | 0.00 |
| 05-12-2020 | 375 | 7148.00 | 6510.00 | 297.83 | 638.74 | 2677.15 | 0.24 |
| 06-12-2020 | 385 | 6937.00 | 6290.50 | 289.04 | 647.26 | 2667.31 | 6.17 |
| 07-12-2020 | 384 | 7040.00 | 6402.00 | 293.33 | 638.76 | 2701.42 | 0.00 |
| 08-12-2020 | 377 | 7191.00 | 6514.50 | 299.63 | 677.24 | 2713.15 | 0.00 |
| 09-12-2020 | 374 | 7200.00 | 6532.00 | 300.00 | 668.74 | 2692.68 | 0.00 |
| 10-12-2020 | 373 | 7175.00 | 6512.00 | 298.96 | 663.74 | 2678.71 | 0.00 |
| 11-12-2020 | 369 | 7174.00 | 6513.00 | 298.92 | 661.76 | 2650.22 | 0.00 |
| 12-12-2020 | 371 | 7179.00 | 6520.50 | 299.13 | 659.24 | 2664.19 | 0.00 |
| 13-12-2020 | 374 | 6453.00 | 5849.50 | 268.88 | 604.26 | 2410.80 | 0.00 |
| 14-12-2020 | 368 | 7179.00 | 6522.50 | 299.13 | 657.26 | 2638.49 | 0.00 |
| 15-12-2020 | 365 | 7167.00 | 6514.50 | 298.63 | 653.24 | 2619.38 | 0.00 |
| 16-12-2020 | 367 | 7180.00 | 6521.00 | 299.17 | 659.70 | 2633.11 | 0.00 |
| 17-12-2020 | 368 | 7158.00 | 6507.50 | 298.25 | 651.20 | 2631.31 | 0.00 |
| 18-12-2020 | 363 | 7168.00 | 6520.00 | 298.67 | 648.74 | 2602.87 | 0.00 |
| 19-12-2020 | 367 | 7103.00 | 6462.50 | 295.96 | 641.26 | 2608.61 | 0.00 |
| 20-12-2020 | 366 | 7097.00 | 6453.00 | 295.71 | 644.72 | 2600.21 | 0.17 |
| 21-12-2020 | 366 | 7119.00 | 6472.00 | 296.63 | 647.74 | 2606.45 | 0.00 |
| 22-12-2020 | 376 | 7136.00 | 6513.00 | 297.33 | 623.74 | 2684.04 | 0.00 |
| 23-12-2020 | 366 | 7200.00 | 6537.50 | 300.00 | 663.22 | 2637.41 | 0.00 |
| 24-12-2020 | 362 | 7172.00 | 6530.00 | 298.83 | 642.74 | 2595.96 | 0.00 |
| 25-12-2020 | 360 | 7175.00 | 6533.50 | 298.96 | 684.18 | 2583.22 | 0.00 |
| 26-12-2020 | 364 | 7096.00 | 6455.00 | 295.67 | 599.80 | 2579.59 | 0.00 |
| 27-12-2020 | 363 | 7121.00 | 6481.00 | 296.71 | 640.78 | 2587.61 | 0.00 |
| 28-12-2020 | 369 | 7055.00 | 6414.00 | 293.96 | 641.74 | 2600.93 | 0.00 |
| 29-12-2020 | 363 | 7167.00 | 6523.00 | 298.63 | 644.70 | 2602.82 | 0.00 |
| 30-12-2020 | 368 | 7115.00 | 6489.00 | 296.46 | 626.74 | 2617.80 | 0.00 |
| 31-12-2020 | 364 | 7184.00 | 6517.00 | 299.33 | 667.81 | 2613.29 | 0.00 |
| 01-01-2021 | 364 | 7167.00 | 6531.00 | 298.63 | 636.71 | 2607.65 | 0.00 |
| 02-01-2021 | 361 | 7116.00 | 6456.50 | 296.50 | 660.24 | 2570.42 | 0.00 |
| 03-01-2021 | 364 | 7168.00 | 6539.00 | 298.67 | 629.70 | 2610.98 | 0.00 |
| 04-01-2021 | 361 | 7118.00 | 6464.00 | 296.58 | 654.70 | 2569.32 | 0.00 |
| 05-01-2021 | 364 | 7080.00 | 6450.50 | 295.00 | 630.20 | 2577.38 | 0.22 |
| 06-01-2021 | 364 | 7171.00 | 6505.50 | 298.79 | 666.20 | 2611.06 | 0.00 |
| 07-01-2021 | 368 | 7023.00 | 6401.00 | 292.63 | 622.70 | 2582.83 | 0.00 |
| 08-01-2021 | 364 | 7136.00 | 6474.00 | 297.33 | 662.70 | 2598.41 | 0.00 |
| 09-01-2021 | 370 | 7117.00 | 6470.00 | 296.54 | 647.68 | 2631.91 | 0.00 |
| 10-01-2021 | 369 | 7116.00 | 6474.00 | 296.50 | 642.68 | 2624.09 | 0.00 |
| 11-01-2021 | 371 | 6980.00 | 6342.00 | 290.83 | 638.68 | 2586.67 | 0.00 |
| 12-01-2021 | 370 | 7117.00 | 6474.50 | 296.54 | 643.18 | 2632.27 | 0.00 |
| 13-01-2021 | 369 | 7152.00 | 6502.50 | 298.00 | 650.18 | 2641.08 | 0.00 |
| 14-01-2021 | 367 | 7045.00 | 6421.00 | 293.54 | 624.64 | 2588.11 | 0.00 |
| 15-01-2021 | 368 | 7061.00 | 6404.50 | 294.21 | 657.22 | 2595.79 | 0.00 |
| 16-01-2021 | 367 | 7167.00 | 6512.00 | 298.63 | 655.70 | 2626.85 | 0.00 |
| 17-01-2021 | 374 | 7009.00 | 6381.50 | 292.04 | 628.18 | 2623.06 | 0.00 |
| 18-01-2021 | 362 | 7113.00 | 6446.50 | 296.38 | 667.18 | 2575.18 | 0.00 |
| 19-01-2021 | 364 | 7122.00 | 6487.00 | 296.75 | 635.68 | 2592.77 | 0.00 |
| 20-01-2021 | 361 | 7189.00 | 6523.00 | 299.54 | 666.68 | 2597.83 | 0.41 |
| 21-01-2021 | 365 | 7165.00 | 6534.00 | 298.54 | 631.70 | 2616.58 | 0.00 |

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| 22-01-2021 | 372 | 7175.00 | 6517.00 | 298.96 | 658.68 | 2666.33 | 0.00 |
| 23-01-2021 | 375 | 7148.00 | 6510.50 | 297.83 | 638.18 | 2679.29 | 0.00 |
| 24-01-2021 | 369 | 7181.00 | 6559.00 | 299.21 | 622.64 | 2652.14 | 0.00 |
| 25-01-2021 | 370 | 7184.00 | 6529.00 | 299.33 | 655.70 | 2660.23 | 0.00 |
| 26-01-2021 | 367 | 7190.00 | 6572.50 | 299.58 | 618.20 | 2635.44 | 0.00 |
| 27-01-2021 | 358 | 7217.00 | 6559.00 | 300.71 | 658.72 | 2581.85 | 0.00 |
| 28-01-2021 | 358 | 7203.00 | 6564.00 | 300.13 | 639.66 | 2578.56 | 0.00 |
| 29-01-2021 | 361 | 7187.00 | 6548.00 | 299.46 | 639.70 | 2597.76 | 0.00 |
| 30-01-2021 | 363 | 7227.00 | 6584.00 | 301.13 | 643.70 | 2621.83 | 0.00 |
| 31-01-2021 | 364 | 7052.00 | 6421.50 | 293.83 | 631.20 | 2568.53 | 0.00 |
| 01-02-2021 | 365 | 7172.00 | 6532.50 | 298.83 | 640.20 | 2620.73 | 0.00 |
| 02-02-2021 | 370 | 7165.00 | 6526.00 | 298.54 | 639.72 | 2647.94 | 0.00 |
| 03-02-2021 | 364 | 7179.00 | 6556.00 | 299.13 | 623.70 | 2614.80 | 0.00 |
| 04-02-2021 | 363 | 7170.00 | 6515.00 | 298.75 | 655.68 | 2600.28 | 0.00 |
| 05-02-2021 | 358 | 7204.00 | 6570.50 | 300.17 | 634.18 | 2581.97 | 0.17 |
| 06-02-2021 | 358 | 7177.00 | 6539.00 | 299.04 | 638.68 | 2571.19 | 0.00 |
| 07-02-2021 | 360 | 7186.00 | 6560.50 | 299.42 | 626.18 | 2584.78 | 0.00 |
| 08-02-2021 | 358 | 7160.00 | 6507.50 | 298.33 | 653.18 | 2564.59 | 0.00 |
| 09-02-2021 | 356 | 7165.00 | 6533.00 | 298.54 | 632.70 | 2549.09 | 0.00 |
| 10-02-2021 | 351 | 7219.00 | 6575.00 | 300.79 | 644.70 | 2535.96 | 0.00 |
| 11-02-2021 | 354 | 7165.00 | 6531.00 | 298.54 | 634.70 | 2535.77 | 0.00 |
| 12-02-2021 | 354 | 7178.00 | 6543.50 | 299.08 | 635.20 | 2543.78 | 0.00 |
| 13-02-2021 | 356 | 7161.00 | 6544.50 | 298.38 | 617.18 | 2552.64 | 0.00 |
| 14-02-2021 | 355 | 7120.00 | 6465.50 | 296.67 | 655.18 | 2528.33 | 0.00 |
| 15-02-2021 | 357 | 7168.00 | 6524.00 | 298.67 | 644.66 | 2562.38 | 0.00 |
| 16-02-2021 | 369 | 7152.00 | 6513.00 | 298.00 | 639.70 | 2638.18 | 0.00 |
| 17-02-2021 | 366 | 7164.00 | 6538.00 | 298.50 | 626.68 | 2622.19 | 0.00 |
| 18-02-2021 | 365 | 7203.00 | 6542.00 | 300.13 | 661.70 | 2627.28 | 0.00 |
| 19-02-2021 | 360 | 7198.00 | 6555.00 | 299.92 | 643.70 | 2589.31 | 0.00 |
| 20-02-2021 | 356 | 7168.00 | 6523.50 | 298.67 | 645.20 | 2549.14 | 0.22 |
| 21-02-2021 | 363 | 7185.00 | 6543.00 | 299.38 | 642.66 | 2605.54 | 0.00 |
| 22-02-2021 | 363 | 7165.00 | 6539.50 | 298.54 | 626.16 | 2604.31 | 0.00 |
| 23-02-2021 | 362 | 7137.00 | 6483.50 | 297.38 | 654.18 | 2585.26 | 0.00 |
| 24-02-2021 | 361 | 7183.00 | 6547.00 | 299.29 | 636.70 | 2589.67 | 0.00 |
| 25-02-2021 | 358 | 6417.00 | 5837.50 | 267.38 | 580.20 | 2295.29 | 23.02 |
| 26-02-2021 | 356 | 5661.00 | 5112.50 | 235.88 | 549.18 | 2017.27 | 45.74 |
| 27-02-2021 | 366 | 7157.00 | 6515.50 | 298.21 | 642.22 | 2617.08 | 0.00 |
| 28-02-2021 | 369 | 7160.00 | 6522.00 | 298.33 | 638.68 | 2640.31 | 0.00 |
| 01-03-2021 | 363 | 6966.00 | 6327.00 | 290.25 | 639.68 | 2528.38 | 0.00 |
| 02-03-2021 | 361 | 6462.00 | 5857.00 | 269.25 | 605.70 | 2332.99 | 0.00 |
| 03-03-2021 | 359 | 7121.00 | 6475.00 | 296.71 | 646.70 | 2559.22 | 0.26 |
| 04-03-2021 | 364 | 7159.00 | 6512.50 | 298.29 | 647.18 | 2605.58 | 0.00 |
| 05-03-2021 | 363 | 7184.00 | 6553.50 | 299.33 | 631.22 | 2604.60 | 0.19 |
| 06-03-2021 | 359 | 7104.00 | 6448.00 | 296.00 | 656.70 | 2552.30 | 0.00 |
| 07-03-2021 | 373 | 5381.00 | 4841.00 | 224.21 | 540.68 | 2006.45 | 0.00 |
| 08-03-2021 | 362 | 7206.00 | 6540.50 | 300.25 | 666.22 | 2607.10 | 0.00 |
| 09-03-2021 | 366 | 7161.00 | 6523.00 | 298.38 | 638.70 | 2623.63 | 0.00 |
| 10-03-2021 | 368 | 7183.00 | 6535.00 | 299.29 | 648.70 | 2644.18 | 0.00 |
| 11-03-2021 | 368 | 7178.00 | 6551.00 | 299.08 | 627.72 | 2643.60 | 0.00 |
| 12-03-2021 | 368 | 7188.00 | 6528.00 | 299.50 | 660.68 | 2644.22 | 0.00 |
| 13-03-2021 | 368 | 7174.00 | 6547.00 | 298.92 | 627.66 | 2643.43 | 0.00 |
| 14-03-2021 | 366 | 7208.00 | 6549.00 | 300.33 | 659.66 | 2639.83 | 0.00 |
| 15-03-2021 | 365 | 7176.00 | 6533.00 | 299.00 | 643.70 | 2615.86 | 0.00 |
| 16-03-2021 | 361 | 6942.00 | 6330.00 | 289.25 | 612.70 | 2504.14 | 8.30 |
| 17-03-2021 | 368 | 6951.00 | 6342.00 | 289.63 | 609.70 | 2554.49 | 0.46 |
| 18-03-2021 | 364 | 7188.00 | 6547.00 | 299.50 | 641.74 | 2613.46 | 0.00 |
| 19-03-2021 | 365 | 7193.00 | 6548.00 | 299.71 | 645.74 | 2622.65 | 0.00 |

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| 20-03-2021 | 363 | 7164.00 | 6536.00 | 298.50 | 628.72 | 2602.32 | 0.31 |
| 21-03-2021 | 375 | 6249.00 | 5640.00 | 260.38 | 609.70 | 2341.56 | 0.00 |
| 22-03-2021 | 379 | 7102.00 | 6468.00 | 295.92 | 634.68 | 2690.28 | 0.00 |
| 23-03-2021 | 379 | 7185.00 | 6538.00 | 299.38 | 647.70 | 2722.90 | 0.00 |
| 24-03-2021 | 379 | 7164.00 | 6526.00 | 298.50 | 638.70 | 2715.31 | 0.00 |
| 25-03-2021 | 375 | 7199.00 | 6556.00 | 299.96 | 643.70 | 2702.95 | 0.00 |
| 26-03-2021 | 382 | 7145.00 | 6500.00 | 297.71 | 645.70 | 2732.62 | 0.00 |
| 27-03-2021 | 381 | 7171.00 | 6525.00 | 298.79 | 646.70 | 2734.87 | 0.00 |
| 28-03-2021 | 376 | 7119.00 | 6479.00 | 296.63 | 640.68 | 2675.26 | 0.00 |
| 29-03-2021 | 375 | 7071.00 | 6446.00 | 294.63 | 625.70 | 2652.67 | 0.00 |
| 30-03-2021 | 376 | 7001.00 | 6362.00 | 291.71 | 639.70 | 2635.18 | 0.00 |
| 31-03-2021 | 374 | 7142.00 | 6482.00 | 297.58 | 660.70 | 2672.45 | 0.00 |
| 01-04-2021 | 371 | 7148.00 | 6507.00 | 297.83 | 641.68 | 2650.54 | 0.00 |
| 02-04-2021 | 377 | 7138.00 | 6494.00 | 297.42 | 644.68 | 2689.01 | 0.00 |
| 03-04-2021 | 369 | 7164.00 | 6519.00 | 298.50 | 645.70 | 2640.26 | 0.00 |
| 04-04-2021 | 376 | 6254.00 | 5655.00 | 260.58 | 599.68 | 2349.74 | 0.00 |
| 05-04-2021 | 376 | 7143.00 | 6496.00 | 297.63 | 647.66 | 2683.37 | 0.12 |
| 06-04-2021 | 374 | 7159.00 | 6517.00 | 298.29 | 642.70 | 2680.90 | 0.00 |
| 07-04-2021 | 376 | 7154.00 | 6509.00 | 298.08 | 645.70 | 2690.23 | 0.00 |
| 08-04-2021 | 372 | 7171.00 | 6523.00 | 298.79 | 648.70 | 2667.22 | 0.00 |
| 09-04-2021 | 374 | 7149.00 | 6499.00 | 297.88 | 650.72 | 2672.11 | 0.00 |
| 10-04-2021 | 386 | 5672.00 | 5146.00 | 236.33 | 526.70 | 2187.00 | 0.00 |
| 11-04-2021 | 390 | 5308.00 | 4798.00 | 221.17 | 510.66 | 2069.18 | 0.00 |
| 12-04-2021 | 394 | 5274.00 | 4790.00 | 219.75 | 484.68 | 2075.42 | 0.00 |
| 13-04-2021 | 393 | 5301.00 | 4786.00 | 220.88 | 515.68 | 2083.54 | 0.00 |
| 14-04-2021 | 394 | 5287.00 | 4782.00 | 220.29 | 505.70 | 2084.45 | 0.00 |
| 15-04-2021 | 398 | 5285.00 | 4783.00 | 220.21 | 502.68 | 2103.60 | 0.00 |
| 16-04-2021 | 392 | 5347.00 | 4844.00 | 222.79 | 503.64 | 2093.47 | 0.00 |
| 17-04-2021 | 399 | 5297.00 | 4803.00 | 220.71 | 494.68 | 2113.10 | 0.00 |
| 18-04-2021 | 395 | 5350.00 | 4850.00 | 222.92 | 500.66 | 2115.19 | 0.00 |
| 19-04-2021 | 393 | 5303.00 | 4821.00 | 220.96 | 482.68 | 2081.54 | 0.00 |
| 20-04-2021 | 392 | 5292.00 | 4840.00 | 220.50 | 452.72 | 2076.60 | 0.38 |
| 21-04-2021 | 395 | 5304.00 | 4827.00 | 221.00 | 477.70 | 2094.19 | 0.00 |
| 22-04-2021 | 395 | 5307.00 | 4850.00 | 221.13 | 457.70 | 2096.09 | 0.00 |
| 23-04-2021 | 391 | 5325.00 | 4833.00 | 221.88 | 492.70 | 2084.28 | 0.00 |
| 24-04-2021 | 397 | 5297.00 | 4832.00 | 220.71 | 465.70 | 2102.50 | 0.00 |
| 25-04-2021 | 395 | 5330.00 | 4860.00 | 222.08 | 470.70 | 2103.19 | 0.00 |
| 26-04-2021 | 407 | 5223.00 | 4765.00 | 217.63 | 458.70 | 2127.89 | 0.00 |
| 27-04-2021 | 402 | 5264.00 | 4775.00 | 219.33 | 489.70 | 2117.76 | 0.00 |
| 28-04-2021 | 380 | 6782.00 | 6157.00 | 282.58 | 625.68 | 2578.39 | 0.00 |
| 29-04-2021 | 379 | 7149.00 | 6509.00 | 297.88 | 640.70 | 2707.94 | 0.00 |
| 30-04-2021 | 379 | 7115.00 | 6471.00 | 296.46 | 644.70 | 2697.48 | 0.00 |
| 01-05-2021 | 378 | 7170.00 | 6525.00 | 298.75 | 645.70 | 2709.05 | 0.00 |
| 02-05-2021 | 387 | 6006.00 | 5438.00 | 250.25 | 568.70 | 2325.29 | 0.00 |
| 03-05-2021 | 381 | 7058.00 | 6400.00 | 294.08 | 658.68 | 2685.84 | 0.00 |
| 04-05-2021 | 384 | 6817.00 | 6192.00 | 284.04 | 625.68 | 2615.33 | 0.00 |
| 05-05-2021 | 380 | 6997.00 | 6358.00 | 291.54 | 639.68 | 2658.02 | 0.22 |
| 06-05-2021 | 380 | 7143.00 | 6496.00 | 297.63 | 647.68 | 2714.21 | 0.00 |
| 07-05-2021 | 375 | 7162.00 | 6516.00 | 298.42 | 646.70 | 2688.34 | 0.00 |
| 08-05-2021 | 386 | 7088.00 | 6443.00 | 295.33 | 645.68 | 2732.78 | 0.00 |
| 09-05-2021 | 391 | 6139.00 | 5547.00 | 255.79 | 592.72 | 2399.78 | 0.00 |
| 10-05-2021 | 389 | 6970.00 | 6331.00 | 290.42 | 639.70 | 2714.64 | 0.00 |
| 11-05-2021 | 390 | 6987.00 | 6347.00 | 291.13 | 640.70 | 2723.23 | 0.00 |
| 12-05-2021 | 397 | 6837.00 | 6197.00 | 284.88 | 640.70 | 2712.79 | 0.00 |
| 13-05-2021 | 401 | 6559.00 | 5936.00 | 273.29 | 623.72 | 2632.03 | 0.00 |
| 14-05-2021 | 407 | 5461.00 | 4890.00 | 227.54 | 571.70 | 2224.39 | 0.00 |
| 15-05-2021 | 401 | 5432.00 | 4901.00 | 226.33 | 531.68 | 2178.22 | 0.00 |

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| 16-05-2021 | 392 | 5695.00 | 5149.00 | 237.29 | 546.70 | 2229.58 | 0.00 |
| 17-05-2021 | 385 | 6950.00 | 6364.00 | 289.58 | 586.70 | 2673.96 | 0.00 |
| 18-05-2021 | 380 | 7176.00 | 6547.00 | 299.00 | 629.68 | 2723.98 | 0.00 |
| 19-05-2021 | 380 | 7152.00 | 6554.00 | 298.00 | 598.64 | 2718.17 | 0.00 |
| 20-05-2021 | 381 | 7142.00 | 6524.00 | 297.58 | 618.66 | 2720.52 | 0.36 |
| 21-05-2021 | 381 | 7141.00 | 6545.00 | 297.54 | 596.66 | 2717.50 | 0.00 |
| 22-05-2021 | 387 | 5889.00 | 5363.00 | 245.38 | 526.68 | 2276.28 | 0.00 |
| 23-05-2021 | 389 | 6432.00 | 5890.00 | 268.00 | 542.64 | 2500.10 | 0.00 |
| 24-05-2021 | 407 | 4999.00 | 4498.00 | 208.29 | 501.64 | 2033.33 | 0.00 |
| 25-05-2021 | 398 | 5246.00 | 4705.00 | 218.58 | 541.66 | 2089.63 | 0.00 |
| 26-05-2021 | 402 | 4657.00 | 4116.00 | 194.04 | 541.68 | 1872.24 | 0.00 |
| 27-05-2021 | 394 | 5044.00 | 4493.00 | 210.17 | 551.68 | 1987.54 | 0.00 |
| 28-05-2021 | 386 | 5937.00 | 5345.00 | 247.38 | 592.74 | 2292.60 | 0.00 |
| 29-05-2021 | 389 | 5400.00 | 4835.00 | 225.00 | 565.72 | 2099.26 | 0.00 |
| 30-05-2021 | 396 | 4898.00 | 4367.00 | 204.08 | 531.76 | 1940.28 | 0.00 |
| 31-05-2021 | 384 | 6354.00 | 5733.00 | 264.75 | 621.74 | 2437.58 | 0.00 |
| 01-06-2021 | 384 | 6266.00 | 5670.00 | 261.08 | 596.76 | 2406.00 | 0.00 |
| 02-06-2021 | 384 | 6751.00 | 6122.00 | 281.29 | 629.74 | 2590.66 | 0.00 |
| 03-06-2021 | 388 | 5924.00 | 5345.00 | 246.83 | 579.78 | 2298.10 | 0.00 |
| 04-06-2021 | 389 | 5994.00 | 5393.00 | 249.75 | 601.78 | 2333.50 | 0.00 |
| 05-06-2021 | 398 | 4789.00 | 4309.00 | 199.54 | 480.74 | 1905.07 | 2.64 |
| 06-06-2021 | 402 | 4396.00 | 3951.00 | 183.17 | 445.74 | 1766.45 | 0.00 |
| 07-06-2021 | 397 | 4989.00 | 4508.00 | 207.88 | 481.74 | 1981.75 | 0.00 |
| 08-06-2021 | 431 | 5118.00 | 4625.00 | 213.25 | 493.76 | 2207.64 | 0.00 |
| 09-06-2021 | 398 | 4834.00 | 4351.00 | 201.42 | 483.74 | 1925.83 | 0.00 |
| 10-06-2021 | 399 | 4671.00 | 4192.00 | 194.63 | 479.72 | 1861.42 | 0.00 |
| 11-06-2021 | 398 | 4770.00 | 4288.00 | 198.75 | 482.72 | 1900.80 | 0.00 |
| 12-06-2021 | 402 | 4571.00 | 4105.00 | 190.46 | 466.70 | 1836.86 | 0.00 |
| 13-06-2021 | 403 | 4481.00 | 4025.00 | 186.71 | 456.72 | 1807.61 | 0.00 |
| 14-06-2021 | 399 | 4767.00 | 4294.00 | 198.63 | 473.70 | 1903.03 | 0.00 |
| 15-06-2021 | 398 | 4761.00 | 4299.00 | 198.38 | 462.70 | 1895.50 | 0.00 |
| 16-06-2021 | 396 | 5038.00 | 4545.00 | 209.92 | 493.72 | 1994.42 | 0.00 |
| 17-06-2021 | 399 | 5329.00 | 4832.00 | 222.04 | 497.70 | 2125.85 | 0.00 |
| 18-06-2021 | 396 | 5689.00 | 5166.00 | 237.04 | 523.70 | 2255.50 | 0.00 |
| 19-06-2021 | 384 | 5576.00 | 5060.00 | 232.33 | 516.70 | 2143.20 | 0.00 |
| 20-06-2021 | 389 | 5373.00 | 4879.00 | 223.88 | 494.70 | 2090.16 | 0.38 |
| 21-06-2021 | 382 | 6614.00 | 6031.00 | 275.58 | 583.72 | 2529.60 | 0.00 |
| 22-06-2021 | 380 | 7145.00 | 6538.00 | 297.71 | 607.68 | 2714.88 | 0.00 |
| 23-06-2021 | 384 | 7109.00 | 6498.00 | 296.21 | 611.68 | 2728.80 | 0.00 |
| 24-06-2021 | 381 | 7097.00 | 6491.00 | 295.71 | 606.72 | 2702.90 | 0.00 |
| 25-06-2021 | 382 | 7136.00 | 6524.00 | 297.33 | 612.72 | 2727.89 | 0.00 |
| 26-06-2021 | 383 | 6885.00 | 6304.00 | 286.88 | 581.70 | 2634.34 | 0.02 |
| 27-06-2021 | 386 | 6043.00 | 5478.00 | 251.79 | 565.70 | 2335.25 | 0.00 |
| 28-06-2021 | 382 | 7016.00 | 6407.00 | 292.33 | 609.70 | 2677.13 | 0.00 |
| 29-06-2021 | 381 | 6782.00 | 6195.00 | 282.58 | 587.66 | 2587.06 | 0.22 |
| 30-06-2021 | 384 | 1927.00 | 1755.00 | 80.29 | 290.52 | 740.71 | 21.79 |
| 28-07-2021 | 332 | 73.00 | 72.00 | 3.04 | 192.06 | 24.26 | 133.32 |
| 29-07-2021 | 402 | 1303.00 | 1189.00 | 54.29 | 210.92 | 523.61 | 7.22 |
| 31-07-2021 | 384 | 4572.00 | 4189.00 | 190.50 | 457.61 | 1756.61 | 61.30 |
| 01-08-2021 | 387 | 6290.00 | 5726.00 | 262.08 | 564.00 | 2434.42 | 0.00 |
| 02-08-2021 | 383 | 7157.21 | 6560.00 | 298.22 | 597.21 | 2737.78 | 0.00 |
| 03-08-2021 | 381 | 7158.07 | 6561.00 | 298.25 | 597.07 | 2730.72 | 0.00 |
| 04-08-2021 | 383 | 7136.98 | 6541.00 | 297.37 | 595.98 | 2730.12 | 0.00 |
| 05-08-2021 | 383 | 7143.58 | 6550.00 | 297.65 | 593.58 | 2734.06 | 0.17 |
| 06-08-2021 | 384 | 7138.18 | 6542.00 | 297.42 | 596.18 | 2739.26 | 0.00 |
| 07-08-2021 | 381 | 7164.82 | 6565.00 | 298.53 | 599.82 | 2732.35 | 0.00 |
| 08-08-2021 | 387 | 6710.93 | 6138.00 | 279.62 | 572.93 | 2597.06 | 0.00 |

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| 09-08-2021 | 387 | 6461.71 | 5908.00 | 269.24 | 553.71 | 2499.94 | 0.00 |
| 10-08-2021 | 386 | 6753.06 | 6145.00 | 281.38 | 608.06 | 2607.31 | 0.00 |
| 11-08-2021 | 386 | 6995.81 | 6385.00 | 291.49 | 610.81 | 2699.66 | 0.00 |
| 12-08-2021 | 385 | 7002.63 | 6373.00 | 291.78 | 629.63 | 2698.46 | 0.00 |
| 13-08-2021 | 389 | 6642.90 | 6058.00 | 276.79 | 584.90 | 2580.98 | 0.00 |
| 14-08-2021 | 386 | 7060.02 | 6466.00 | 294.17 | 594.02 | 2727.94 | 0.00 |
| 15-08-2021 | 387 | 6536.33 | 5983.00 | 272.35 | 553.33 | 2527.08 | 0.00 |
| 16-08-2021 | 385 | 6919.60 | 6323.00 | 288.32 | 596.60 | 2663.42 | 0.00 |
| 17-08-2021 | 382 | 6919.06 | 6317.00 | 288.29 | 602.06 | 2645.38 | 0.00 |
| 18-08-2021 | 382 | 7065.63 | 6413.00 | 294.40 | 652.63 | 2697.98 | 0.00 |
| 19-08-2021 | 384 | 6908.68 | 6267.00 | 287.86 | 641.68 | 2653.51 | 0.00 |
| 20-08-2021 | 384 | 7084.53 | 6448.00 | 295.19 | 636.53 | 2722.25 | 0.19 |
| 21-08-2021 | 383 | 7089.61 | 6424.00 | 295.40 | 665.61 | 2714.35 | 0.05 |
| 22-08-2021 | 389 | 6916.80 | 6277.00 | 288.20 | 639.80 | 2692.06 | 0.00 |
| 23-08-2021 | 390 | 6900.91 | 6254.00 | 287.54 | 646.91 | 2688.26 | 0.00 |
| 24-08-2021 | 380 | 7158.51 | 6499.00 | 298.27 | 659.51 | 2716.99 | 0.00 |
| 25-08-2021 | 381 | 6941.66 | 6294.00 | 289.24 | 647.66 | 2647.46 | 0.00 |
| 26-08-2021 | 385 | 6849.72 | 6191.00 | 285.41 | 658.72 | 2639.74 | 0.00 |
| 27-08-2021 | 389 | 6458.36 | 5818.00 | 269.10 | 640.36 | 2509.18 | 0.00 |
| 28-08-2021 | 388 | 7101.70 | 6424.00 | 295.90 | 677.70 | 2753.54 | 0.00 |
| 29-08-2021 | 379 | 6888.35 | 6224.00 | 287.01 | 664.35 | 2608.20 | 0.00 |
| 30-08-2021 | 377 | 6897.28 | 6233.00 | 287.39 | 664.28 | 2602.15 | 0.00 |
| 31-08-2021 | 373 | 7168.18 | 6486.00 | 298.67 | 682.18 | 2673.24 | 0.00 |
| 01-09-2021 | 384 | 5847.53 | 5267.00 | 243.65 | 580.53 | 2245.68 | 0.00 |
| 02-09-2021 | 389 | 5368.54 | 4832.00 | 223.69 | 536.54 | 2086.37 | 0.00 |
| 03-09-2021 | 389 | 5395.23 | 4864.00 | 224.80 | 531.23 | 2098.63 | 0.00 |
| 04-09-2021 | 389 | 5379.92 | 4855.00 | 224.16 | 524.92 | 2093.54 | 0.00 |
| 05-09-2021 | 388 | 5392.72 | 4884.00 | 224.70 | 508.72 | 2093.06 | 0.29 |
| 06-09-2021 | 384 | 5752.28 | 5256.00 | 239.68 | 496.28 | 2207.81 | 0.00 |
| 07-09-2021 | 378 | 6673.58 | 6016.00 | 278.07 | 657.58 | 2523.19 | 0.00 |
| 08-09-2021 | 395 | 5315.42 | 4801.00 | 221.48 | 514.42 | 2099.30 | 0.00 |
| 09-09-2021 | 398 | 5374.47 | 4832.00 | 223.94 | 542.47 | 2138.38 | 0.00 |
| 10-09-2021 | 399 | 5352.06 | 4833.00 | 223.00 | 519.06 | 2134.25 | 0.00 |
| 11-09-2021 | 396 | 5510.66 | 4954.00 | 229.61 | 556.77 | 2180.18 | 0.00 |
| 12-09-2021 | 381 | 7132.53 | 6467.00 | 297.19 | 665.61 | 2717.62 | 0.00 |
| 13-09-2021 | 381 | 6983.91 | 6292.00 | 291.00 | 692.02 | 2659.75 | 0.00 |
| 14-09-2021 | 379 | 7014.65 | 6332.00 | 292.28 | 682.75 | 2661.62 | 0.00 |
| 15-09-2021 | 378 | 7030.88 | 6353.00 | 292.95 | 678.02 | 2660.88 | 0.00 |
| 16-09-2021 | 378 | 6993.62 | 6330.00 | 291.40 | 663.71 | 2643.31 | 0.00 |
| 17-09-2021 | 368 | 7080.44 | 6407.00 | 295.02 | 673.50 | 2602.82 | 0.00 |
| 18-09-2021 | 376 | 7139.75 | 6462.00 | 297.49 | 677.81 | 2686.27 | 0.00 |
| 19-09-2021 | 377 | 7055.78 | 6385.00 | 293.99 | 670.83 | 2661.14 | 0.00 |
| 20-09-2021 | 375 | 7109.38 | 6434.00 | 296.22 | 675.41 | 2662.44 | 0.22 |
| 21-09-2021 | 378 | 6834.35 | 6178.00 | 284.76 | 656.43 | 2580.34 | 0.00 |
| 22-09-2021 | 375 | 7059.74 | 6391.00 | 294.16 | 668.80 | 2644.87 | 0.00 |
| 23-09-2021 | 376 | 7161.78 | 6487.00 | 298.41 | 674.85 | 2694.10 | 0.00 |
| 24-09-2021 | 377 | 7136.00 | 6461.00 | 297.33 | 675.03 | 2691.98 | 0.07 |
| 25-09-2021 | 380 | 7139.75 | 6461.00 | 297.49 | 678.78 | 2711.33 | 0.00 |
| 26-09-2021 | 381 | 6931.00 | 6266.00 | 288.79 | 665.05 | 2640.14 | 0.00 |
| 27-09-2021 | 389 | 5606.85 | 5012.00 | 233.62 | 594.95 | 2181.91 | 0.00 |
| 28-09-2021 | 389 | 6004.65 | 5417.00 | 250.19 | 587.84 | 2333.14 | 0.00 |
| 29-09-2021 | 379 | 6836.94 | 6231.00 | 284.87 | 606.00 | 2594.45 | 0.00 |
| 30-09-2021 | 381 | 7171.91 | 6514.00 | 298.83 | 657.96 | 2728.90 | 0.00 |
| 01-10-2021 | 380 | 7137.15 | 6508.00 | 297.38 | 629.29 | 2710.46 | 0.00 |
| 02-10-2021 | 385 | 6752.63 | 6144.00 | 281.36 | 608.69 | 2599.87 | 0.00 |
| 03-10-2021 | 387 | 6635.97 | 6027.00 | 276.50 | 609.10 | 2565.43 | 0.00 |
| 04-10-2021 | 381 | 7175.90 | 6485.00 | 299.00 | 690.93 | 2736.84 | 0.00 |

| 05-10-2021 | 382 | 7175.16 | 6484.00 | 298.97 | 691.19 | 2737.68 | 0.29 |
|---|---|---|---|---|---|---|---|
| 06-10-2021 | 386 | 7101.75 | 6411.00 | 295.91 | 690.81 | 2744.38 | 0.00 |
| 07-10-2021 | 390 | 7135.28 | 6447.00 | 297.30 | 688.32 | 2781.34 | 0.00 |
| 08-10-2021 | 386 | 7109.72 | 6424.00 | 296.24 | 685.75 | 2746.01 | 0.00 |
| 09-10-2021 | 389 | 7121.94 | 6436.00 | 296.75 | 686.00 | 2772.46 | 0.00 |
| 10-10-2021 | 390 | 7133.90 | 6448.00 | 297.25 | 685.95 | 2780.83 | 0.00 |
| 11-10-2021 | 389 | 6481.10 | 5830.00 | 270.05 | 651.24 | 2522.93 | 0.00 |
| 12-10-2021 | 389 | 6383.46 | 5751.00 | 265.98 | 632.61 | 2485.54 | 0.00 |
| 13-10-2021 | 392 | 6353.19 | 5705.00 | 264.72 | 648.33 | 2488.51 | 0.00 |
| 14-10-2021 | 390 | 6449.00 | 5808.00 | 268.71 | 641.10 | 2516.88 | 0.00 |
| 15-10-2021 | 385 | 6645.19 | 5998.00 | 276.88 | 647.38 | 2559.22 | 0.00 |
| 16-10-2021 | 385 | 6270.84 | 5657.00 | 261.29 | 613.94 | 2417.09 | 0.00 |
| 17-10-2021 | 403 | 4968.10 | 4403.00 | 207.00 | 565.21 | 2001.29 | 0.00 |
| 18-10-2021 | 392 | 6432.03 | 5807.00 | 268.00 | 625.19 | 2521.01 | 0.00 |
| 19-10-2021 | 392 | 6316.53 | 5676.00 | 263.19 | 640.64 | 2477.74 | 0.00 |
| 20-10-2021 | 400 | 5333.09 | 4752.00 | 222.21 | 581.12 | 2135.38 | 0.24 |
| 21-10-2021 | 390 | 6384.69 | 5728.00 | 266.03 | 656.78 | 2489.09 | 0.00 |
| 22-10-2021 | 393 | 6620.94 | 5972.00 | 275.87 | 649.04 | 2598.70 | 0.14 |
| 23-10-2021 | 390 | 7123.37 | 6432.00 | 296.81 | 691.54 | 2775.24 | 0.00 |
| 24-10-2021 | 391 | 5993.07 | 5396.00 | 249.71 | 597.18 | 2341.75 | 0.00 |
| 25-10-2021 | 384 | 7037.37 | 6393.00 | 293.22 | 644.46 | 2700.91 | 0.00 |
| 26-10-2021 | 380 | 7047.88 | 6366.00 | 293.66 | 681.95 | 2679.86 | 0.00 |
| 27-10-2021 | 392 | 6517.81 | 5868.00 | 271.58 | 649.92 | 2551.70 | 0.07 |
| 28-10-2021 | 390 | 6357.75 | 5712.00 | 264.91 | 645.81 | 2479.58 | 0.00 |
| 29-10-2021 | 397 | 6316.56 | 5674.00 | 263.19 | 642.56 | 2509.54 | 0.00 |
| 30-10-2021 | 400 | 5913.13 | 5307.00 | 246.38 | 606.13 | 2365.92 | 0.00 |
| 31-10-2021 | 424 | 4662.25 | 4097.00 | 194.26 | 565.25 | 1976.81 | 0.00 |
| 01-11-2021 | 416 | 5923.37 | 5304.00 | 246.81 | 619.37 | 2463.02 | 0.00 |
| 02-11-2021 | 426 | 5854.00 | 5250.00 | 243.92 | 604.00 | 2495.69 | 0.00 |
| 03-11-2021 | 421 | 6009.50 | 5386.00 | 250.40 | 623.50 | 2531.45 | 0.00 |
| 04-11-2021 | 403 | 5666.69 | 5042.00 | 236.11 | 624.69 | 2285.16 | 0.00 |
| 05-11-2021 | 404 | 5904.69 | 5291.00 | 246.03 | 613.74 | 2387.40 | 0.17 |
| 06-11-2021 | 415 | 5522.25 | 4913.00 | 230.09 | 609.40 | 2293.92 | 0.00 |
| 07-11-2021 | 408 | 4836.93 | 4223.00 | 201.54 | 614.15 | 1971.48 | 0.94 |
| 08-11-2021 | 399 | 5724.44 | 5171.00 | 238.52 | 553.61 | 2281.30 | 0.00 |
| 09-11-2021 | 402 | 5040.75 | 4464.00 | 210.03 | 576.92 | 2023.97 | 0.00 |
| 10-11-2021 | 411 | 5408.50 | 4811.00 | 225.35 | 597.72 | 2224.61 | 0.00 |
| 11-11-2021 | 408 | 5710.63 | 5109.00 | 237.94 | 601.85 | 2327.38 | 0.00 |
| 12-11-2021 | 412 | 5660.68 | 5042.00 | 235.86 | 618.84 | 2329.68 | 0.26 |
| 13-11-2021 | 420 | 5003.32 | 4438.00 | 208.47 | 565.57 | 2102.50 | 0.00 |
| 14-11-2021 | 424 | 4639.62 | 4077.00 | 193.32 | 562.87 | 1966.08 | 0.00 |
| 15-11-2021 | 405 | 5746.69 | 5146.00 | 239.45 | 601.09 | 2324.98 | 0.00 |
| 16-11-2021 | 400 | 5879.75 | 5251.00 | 244.99 | 631.89 | 2350.20 | 0.00 |
| 17-11-2021 | 404 | 5973.75 | 5342.00 | 248.91 | 639.08 | 2411.57 | 0.00 |
| 18-11-2021 | 413 | 4929.50 | 4340.00 | 205.40 | 591.50 | 2037.60 | 0.00 |
| 19-11-2021 | 408 | 5799.25 | 5159.00 | 241.64 | 640.25 | 2365.61 | 0.00 |
| 20-11-2021 | 415 | 4849.75 | 4274.00 | 202.07 | 575.75 | 2011.10 | 0.34 |
| 21-11-2021 | 405 | 4846.81 | 4258.00 | 201.95 | 588.81 | 1963.63 | 0.00 |
| 22-11-2021 | 403 | 6190.88 | 5543.00 | 257.95 | 647.88 | 2494.03 | 0.00 |
| 23-11-2021 | 399 | 6525.87 | 5859.00 | 271.91 | 666.87 | 2604.24 | 0.00 |
| 24-11-2021 | 405 | 6029.13 | 5382.00 | 251.21 | 647.13 | 2444.26 | 0.00 |
| 25-11-2021 | 395 | 6127.31 | 5475.00 | 255.30 | 652.31 | 2423.02 | 0.00 |
| 26-11-2021 | 395 | 6191.12 | 5536.00 | 257.96 | 655.12 | 2447.78 | 0.00 |
| 27-11-2021 | 406 | 5652.07 | 5035.00 | 235.50 | 617.07 | 2297.06 | 0.00 |
| 28-11-2021 | 410 | 4939.12 | 4348.00 | 205.80 | 591.12 | 2026.80 | 0.00 |
| 29-11-2021 | 408 | 6209.69 | 5548.00 | 258.74 | 661.69 | 2532.19 | 0.00 |
| 30-11-2021 | 404 | 6289.44 | 5654.00 | 262.06 | 635.44 | 2541.91 | 0.00 |

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| 01-12-2021 | 405 | 6199.68 | 5538.00 | 258.32 | 661.68 | 2512.03 | 0.00 |
| 02-12-2021 | 408 | 6281.63 | 5639.00 | 261.73 | 642.63 | 2560.46 | 0.00 |
| 03-12-2021 | 389 | 2832.31 | 2539.00 | 118.01 | 300.59 | 1101.86 | 0.00 |
| 14-12-2021 | 448 | 556.38 | 514.00 | 23.18 | 220.97 | 249.26 | 69.31 |
| 15-12-2021 | 393 | 6987.56 | 6343.00 | 291.15 | 644.59 | 2743.32 | 0.00 |
| 16-12-2021 | 389 | 7156.75 | 6466.00 | 298.20 | 690.75 | 2786.52 | 0.00 |
| 17-12-2021 | 387 | 7165.81 | 6488.00 | 298.58 | 709.21 | 2769.60 | 0.00 |
| 18-12-2021 | 386 | 7153.25 | 6445.00 | 298.05 | 708.25 | 2764.39 | 0.00 |
| 19-12-2021 | 386 | 6994.25 | 6315.00 | 291.43 | 679.25 | 2698.70 | 0.00 |
| 20-12-2021 | 388 | 7154.81 | 6474.00 | 298.12 | 680.81 | 2773.30 | 0.24 |
| 21-12-2021 | 390 | 7145.75 | 6459.00 | 297.74 | 686.75 | 2785.25 | 0.00 |
| 22-12-2021 | 386 | 7168.94 | 6469.00 | 298.71 | 699.94 | 2769.60 | 0.00 |
| 23-12-2021 | 391 | 7106.19 | 6406.00 | 296.09 | 700.19 | 2776.22 | 0.00 |
| 24-12-2021 | 384 | 7151.56 | 6449.00 | 297.98 | 702.56 | 2749.68 | 0.00 |
| 25-12-2021 | 382 | 7189.00 | 6491.00 | 299.54 | 698.00 | 2745.62 | 0.00 |
| 26-12-2021 | 383 | 7161.00 | 6465.00 | 298.38 | 696.00 | 2740.90 | 0.00 |
| 27-12-2021 | 379 | 7111.94 | 6420.00 | 296.33 | 691.94 | 2694.62 | 0.00 |
| 28-12-2021 | 375 | 7160.00 | 6462.00 | 298.33 | 698.00 | 2681.81 | 0.00 |
| 29-12-2021 | 372 | 6927.56 | 6247.00 | 288.65 | 680.56 | 2580.02 | 0.00 |
| 30-12-2021 | 371 | 7170.44 | 6469.00 | 298.77 | 701.44 | 2662.99 | 0.00 |
| 31-12-2021 | 369 | 7183.31 | 6481.00 | 299.30 | 702.31 | 2649.65 | 0.00 |
| 01-01-2022 | 373 | 7169.19 | 6479.00 | 298.72 | 690.19 | 2674.03 | 0.00 |
| 02-01-2022 | 372 | 7077.31 | 6360.00 | 294.89 | 717.31 | 2631.14 | 0.00 |
| 03-01-2022 | 366 | 7214.50 | 6527.00 | 300.60 | 687.50 | 2642.21 | 0.00 |
| 04-01-2022 | 372 | 7187.88 | 6551.00 | 299.50 | 636.88 | 2677.22 | 0.00 |
| 05-01-2022 | 372 | 7181.56 | 6564.00 | 299.23 | 617.56 | 2668.51 | 0.31 |
| 06-01-2022 | 364 | 7177.06 | 6530.00 | 299.04 | 647.06 | 2611.06 | 0.00 |
| 07-01-2022 | 360 | 7182.75 | 6563.00 | 299.28 | 619.75 | 2582.78 | 0.00 |
| 08-01-2022 | 363 | 7163.69 | 6513.00 | 298.49 | 650.69 | 2601.62 | 0.00 |
| 09-01-2022 | 368 | 7146.62 | 6480.00 | 297.78 | 666.62 | 2629.70 | 0.00 |
| 10-01-2022 | 370 | 7193.19 | 6495.00 | 299.72 | 698.19 | 2659.18 | 0.00 |
| 11-01-2022 | 367 | 7184.88 | 6515.00 | 299.37 | 669.88 | 2636.86 | 0.00 |
| 12-01-2022 | 367 | 7168.37 | 6477.00 | 298.68 | 691.37 | 2632.08 | 0.00 |
| 13-01-2022 | 372 | 7186.06 | 6512.00 | 299.42 | 674.06 | 2669.59 | 0.00 |
| 14-01-2022 | 368 | 7162.38 | 6511.00 | 298.43 | 651.38 | 2634.65 | 0.00 |
| 15-01-2022 | 372 | 7189.87 | 6565.00 | 299.58 | 624.87 | 2677.85 | 0.00 |
| 16-01-2022 | 373 | 7178.38 | 6546.00 | 299.10 | 632.38 | 2679.82 | 0.00 |
| 17-01-2022 | 369 | 7194.44 | 6562.00 | 299.77 | 632.44 | 2653.82 | 0.00 |
| 18-01-2022 | 366 | 7171.06 | 6547.00 | 298.79 | 624.06 | 2625.48 | 0.00 |
| 19-01-2022 | 361 | 7199.19 | 6544.00 | 299.97 | 655.19 | 2598.82 | 0.00 |
| 20-01-2022 | 361 | 7134.50 | 6447.00 | 297.27 | 687.50 | 2575.87 | 0.00 |
| 21-01-2022 | 364 | 7134.50 | 6451.00 | 297.27 | 683.50 | 2596.97 | 0.19 |
| 22-01-2022 | 363 | 7090.12 | 6397.00 | 295.42 | 693.12 | 2570.50 | 0.00 |
| 23-01-2022 | 361 | 7105.75 | 6410.00 | 296.07 | 695.75 | 2567.78 | 0.00 |
| 24-01-2022 | 368 | 7158.38 | 6461.00 | 298.27 | 697.38 | 2633.78 | 0.00 |
| 25-01-2022 | 376 | 7169.50 | 6477.00 | 298.73 | 692.50 | 2698.46 | 0.00 |
| 26-01-2022 | 375 | 7156.50 | 6456.00 | 298.19 | 700.50 | 2681.26 | 0.00 |
| 27-01-2022 | 369 | 7177.50 | 6479.00 | 299.06 | 698.50 | 2646.84 | 0.00 |
| 28-01-2022 | 375 | 7172.87 | 6494.00 | 298.87 | 678.87 | 2687.69 | 0.00 |
| 29-01-2022 | 372 | 7155.63 | 6448.00 | 298.15 | 707.63 | 2664.77 | 0.00 |
| 30-01-2022 | 379 | 7164.37 | 6470.00 | 298.52 | 694.37 | 2713.70 | 0.00 |
| 31-01-2022 | 374 | 7155.88 | 6464.00 | 298.16 | 691.88 | 2678.93 | 0.00 |
| 01-02-2022 | 375 | 7148.87 | 6458.00 | 297.87 | 690.87 | 2679.17 | 0.00 |
| 02-02-2022 | 368 | 7197.88 | 6530.00 | 299.91 | 667.88 | 2651.28 | 0.00 |
| 03-02-2022 | 371 | 7136.62 | 6514.00 | 297.36 | 622.62 | 2650.20 | 0.00 |
| 04-02-2022 | 372 | 7219.50 | 6509.00 | 300.81 | 710.50 | 2685.07 | 0.00 |
| 05-02-2022 | 373 | 7189.13 | 6513.00 | 299.55 | 676.13 | 2679.05 | 0.22 |

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| 06-02-2022 | 373 | 7193.62 | 6479.00 | 299.73 | 714.62 | 2679.82 | 0.00 |
| 07-02-2022 | 372 | 7179.38 | 6477.00 | 299.14 | 702.38 | 2667.41 | 0.00 |
| 08-02-2022 | 368 | 7186.62 | 6493.00 | 299.44 | 693.62 | 2646.46 | 0.00 |
| 09-02-2022 | 366 | 7213.75 | 6518.00 | 300.57 | 695.75 | 2637.00 | 0.00 |
| 10-02-2022 | 369 | 7195.13 | 6501.00 | 299.80 | 694.13 | 2652.65 | 0.00 |
| 11-02-2022 | 368 | 7204.00 | 6525.00 | 300.17 | 679.00 | 2648.76 | 0.00 |
| 12-02-2022 | 368 | 7213.00 | 6505.00 | 300.54 | 708.00 | 2655.36 | 0.00 |
| 13-02-2022 | 377 | 6953.87 | 6277.00 | 289.74 | 676.87 | 2618.50 | 0.00 |
| 14-02-2022 | 377 | 6860.13 | 6191.00 | 285.84 | 669.13 | 2588.74 | 0.00 |
| 15-02-2022 | 369 | 7200.00 | 6500.00 | 300.00 | 700.00 | 2656.97 | 0.00 |
| 16-02-2022 | 370 | 7178.00 | 6481.00 | 299.08 | 697.00 | 2658.82 | 0.00 |
| 17-02-2022 | 371 | 7205.25 | 6502.00 | 300.22 | 703.25 | 2675.06 | 0.00 |
| 18-02-2022 | 366 | 7169.00 | 6474.00 | 298.71 | 695.00 | 2625.48 | 0.00 |
| 19-02-2022 | 371 | 7204.00 | 6508.00 | 300.17 | 696.00 | 2669.69 | 0.00 |
| 20-02-2022 | 372 | 7182.87 | 6502.00 | 299.29 | 680.87 | 2671.46 | 0.00 |
| 21-02-2022 | 372 | 7187.88 | 6471.00 | 299.50 | 716.88 | 2670.31 | 0.14 |
| 22-02-2022 | 371 | 7207.62 | 6503.00 | 300.32 | 704.62 | 2674.94 | 0.00 |
| 23-02-2022 | 368 | 7210.75 | 6505.00 | 300.45 | 705.75 | 2654.45 | 0.00 |
| 24-02-2022 | 372 | 7190.00 | 6489.00 | 299.58 | 701.00 | 2671.68 | 0.00 |
| 25-02-2022 | 371 | 7176.00 | 6490.00 | 299.00 | 686.00 | 2663.64 | 0.00 |
| 26-02-2022 | 371 | 7186.38 | 6465.00 | 299.43 | 721.38 | 2668.20 | 0.00 |
| 27-02-2022 | 373 | 7180.00 | 6490.00 | 299.17 | 690.00 | 2677.70 | 0.00 |
| 28-02-2022 | 367 | 7191.87 | 6525.00 | 299.66 | 666.87 | 2642.16 | 0.00 |
| 01-03-2022 | 369 | 7177.25 | 6537.00 | 299.05 | 640.25 | 2646.79 | 0.00 |
| 02-03-2022 | 371 | 7201.88 | 6560.00 | 300.08 | 641.88 | 2669.06 | 0.00 |
| 03-03-2022 | 375 | 7110.50 | 6474.00 | 296.27 | 636.50 | 2669.06 | 0.00 |
| 04-03-2022 | 372 | 7208.25 | 6565.00 | 300.34 | 643.25 | 2679.91 | 0.00 |
| 05-03-2022 | 372 | 7188.87 | 6550.00 | 299.54 | 638.87 | 2675.59 | 0.26 |
| 06-03-2022 | 373 | 7099.50 | 6464.00 | 295.81 | 635.50 | 2647.75 | 0.00 |
| 07-03-2022 | 375 | 7188.50 | 6546.00 | 299.52 | 642.50 | 2693.47 | 0.00 |
| 08-03-2022 | 373 | 7217.13 | 6572.00 | 300.71 | 645.13 | 2693.28 | 0.00 |
| 09-03-2022 | 369 | 7200.90 | 6561.00 | 300.04 | 639.90 | 2656.18 | 0.00 |
| 10-03-2022 | 375 | 7170.22 | 6531.00 | 298.76 | 639.22 | 2686.97 | 0.00 |
| 11-03-2022 | 375 | 7183.38 | 6547.00 | 299.31 | 636.38 | 2692.01 | 0.00 |
| 12-03-2022 | 374 | 7168.62 | 6549.00 | 298.69 | 619.62 | 2682.72 | 0.00 |
| 13-03-2022 | 371 | 7144.63 | 6490.00 | 297.69 | 654.63 | 2649.50 | 0.00 |
| 14-03-2022 | 369 | 7182.37 | 6564.00 | 299.27 | 618.37 | 2653.70 | 0.00 |
| 15-03-2022 | 373 | 7189.88 | 6542.00 | 299.58 | 647.88 | 2681.06 | 0.00 |
| 16-03-2022 | 376 | 7184.25 | 6547.00 | 299.34 | 637.25 | 2698.58 | 0.00 |
| 17-03-2022 | 376 | 7201.87 | 6563.00 | 300.08 | 638.87 | 2705.52 | 0.00 |
| 18-03-2022 | 375 | 7203.50 | 6569.00 | 300.15 | 634.50 | 2701.68 | 0.00 |
| 19-03-2022 | 373 | 7184.63 | 6540.00 | 299.36 | 644.63 | 2679.84 | 0.00 |
| 20-03-2022 | 373 | 7179.37 | 6544.00 | 299.14 | 635.37 | 2675.78 | 0.29 |
| 21-03-2022 | 375 | 7174.63 | 6538.00 | 298.94 | 636.63 | 2687.14 | 0.00 |
| 22-03-2022 | 373 | 7167.12 | 6528.00 | 298.63 | 639.12 | 2671.54 | 0.00 |
| 23-03-2022 | 373 | 7161.75 | 6522.00 | 298.41 | 639.75 | 2672.47 | 0.00 |
| 24-03-2022 | 362 | 7203.00 | 6560.00 | 300.13 | 643.00 | 2605.80 | 0.00 |
| 25-03-2022 | 364 | 7154.38 | 6527.00 | 298.10 | 627.38 | 2601.50 | 0.00 |
| 26-03-2022 | 362 | 7214.75 | 6549.00 | 300.61 | 665.75 | 2615.23 | 0.00 |
| 27-03-2022 | 367 | 7111.87 | 6485.00 | 296.33 | 626.87 | 2610.58 | 0.00 |
| 28-03-2022 | 373 | 7176.50 | 6523.00 | 299.02 | 653.50 | 2679.38 | 0.00 |
| 29-03-2022 | 372 | 7219.00 | 6577.00 | 300.79 | 642.00 | 2684.28 | 0.00 |
| 30-03-2022 | 369 | 7194.25 | 6569.00 | 299.76 | 625.25 | 2654.52 | 0.00 |
| 31-03-2022 | 370 | 7192.13 | 6540.00 | 299.67 | 652.13 | 2663.02 | 0.00 |
| 01-04-2022 | 370 | 7171.75 | 6542.00 | 298.82 | 629.75 | 2653.06 | 0.00 |
| 02-04-2022 | 373 | 7185.12 | 6571.00 | 299.38 | 614.12 | 2677.80 | 0.00 |
| 03-04-2022 | 368 | 7147.25 | 6502.00 | 297.80 | 645.25 | 2627.83 | 0.00 |

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| 04-04-2022 | 366 | 7135.13 | 6521.00 | 297.30 | 614.13 | 2608.39 | 0.00 |
| 05-04-2022 | 369 | 7174.37 | 6524.00 | 298.93 | 650.37 | 2645.26 | 0.24 |
| 06-04-2022 | 369 | 7151.38 | 6518.00 | 297.97 | 633.38 | 2636.90 | 0.00 |
| 07-04-2022 | 370 | 7200.87 | 6565.00 | 300.04 | 635.87 | 2663.47 | 0.00 |
| 08-04-2022 | 366 | 7218.63 | 6590.00 | 300.78 | 628.63 | 2640.02 | 0.00 |
| 09-04-2022 | 370 | 7123.87 | 6509.00 | 296.83 | 614.87 | 2636.64 | 0.00 |
| 10-04-2022 | 371 | 7149.75 | 6554.00 | 297.91 | 595.75 | 2649.22 | 0.00 |
| 11-04-2022 | 369 | 7125.63 | 6494.00 | 296.90 | 631.63 | 2630.28 | 0.00 |
| 12-04-2022 | 388 | 7032.25 | 6425.00 | 293.01 | 607.25 | 2729.04 | 0.00 |
| 13-04-2022 | 392 | 6221.75 | 5676.00 | 259.24 | 545.75 | 2441.69 | 0.00 |
| 14-04-2022 | 395 | 5775.75 | 5220.00 | 240.66 | 555.75 | 2279.83 | 0.00 |
| 15-04-2022 | 385 | 6411.37 | 5839.00 | 267.14 | 572.37 | 2468.54 | 0.00 |
| 16-04-2022 | 386 | 6273.00 | 5707.00 | 261.38 | 566.00 | 2420.09 | 0.29 |
| 17-04-2022 | 385 | 6553.25 | 5975.00 | 273.05 | 578.25 | 2525.64 | 0.00 |
| 18-04-2022 | 383 | 7074.38 | 6466.00 | 294.77 | 608.38 | 2710.46 | 0.00 |
| 19-04-2022 | 382 | 7106.50 | 6513.00 | 296.10 | 593.50 | 2711.18 | 0.00 |
| 20-04-2022 | 384 | 7158.75 | 6539.00 | 298.28 | 619.75 | 2750.81 | 0.14 |
| 21-04-2022 | 388 | 7138.87 | 6502.00 | 297.45 | 636.87 | 2766.79 | 0.00 |
| 22-04-2022 | 387 | 7135.25 | 6531.00 | 297.30 | 604.25 | 2763.36 | 0.00 |
| 23-04-2022 | 380 | 7168.00 | 6531.00 | 298.67 | 637.00 | 2725.22 | 0.00 |
| 24-04-2022 | 380 | 7135.75 | 6534.00 | 297.32 | 601.75 | 2709.53 | 0.00 |
| 25-04-2022 | 371 | 7202.38 | 6569.00 | 300.10 | 633.38 | 2674.06 | 0.00 |
| 26-04-2022 | 370 | 7124.25 | 6525.00 | 296.84 | 599.25 | 2633.76 | 0.00 |
| 27-04-2022 | 373 | 7171.37 | 6536.00 | 298.81 | 635.37 | 2673.98 | 0.00 |
| 28-04-2022 | 368 | 7153.13 | 6536.00 | 298.05 | 617.13 | 2635.51 | 0.00 |
| 29-04-2022 | 375 | 6020.12 | 5489.00 | 250.84 | 531.12 | 2255.47 | 0.00 |
| 30-04-2022 | 384 | 5297.5 | 4835 | 220.73 | 462.5 | 2034.456 | 0 |
| 01-05-2022 | 374 | 5306.00 | 4813.00 | 221.08 | 493.00 | 1985.90 | 0.00 |
| 02-05-2022 | 379 | 5052.00 | 4611.00 | 210.50 | 450.26 | 1912.85 | 6.72 |
| 03-05-2022 | 199 | 21.38 | 17.00 | 0.89 | 143.27 | 4.25 | 0.98 |
| 23-05-2022 | 393 | 1994.37 | 1811.00 | 83.10 | 291.94 | 784.27 | 60.89 |
| 24-05-2022 | 382 | 5611.38 | 5061.00 | 233.81 | 550.44 | 2145.53 | 0.00 |
| 25-05-2022 | 378 | 6931.75 | 6237.00 | 288.82 | 694.83 | 2617.80 | 0.00 |
| 26-05-2022 | 391 | 7028.37 | 6348.00 | 292.85 | 680.49 | 2748.00 | 0.00 |
| 27-05-2022 | 383 | 6919.75 | 6254.00 | 288.32 | 665.85 | 2652.70 | 0.00 |
| 28-05-2022 | 383 | 6827.25 | 6135.00 | 284.47 | 692.34 | 2613.55 | 0.00 |
| 29-05-2022 | 383 | 5998.00 | 5377.00 | 249.92 | 621.11 | 2297.18 | 0.00 |
| 30-05-2022 | 387 | 6458.25 | 5809.00 | 269.09 | 649.31 | 2499.48 | 0.00 |
| 31-05-2022 | 379 | 6537.75 | 5890.00 | 272.41 | 647.89 | 2477.35 | 0.00 |
| 01-06-2022 | 374 | 6468.25 | 5847.00 | 269.51 | 621.55 | 2417.78 | 0.00 |
| 02-06-2022 | 382 | 6130.38 | 5536.00 | 255.43 | 594.52 | 2340.46 | 16.30 |
| 03-06-2022 | 380 | 6245.00 | 5648.00 | 260.21 | 597.25 | 2372.09 | 0.00 |
| 04-06-2022 | 393 | 5890.87 | 5275.00 | 245.45 | 616.14 | 2317.56 | 2.02 |
| 05-06-2022 | 373 | 5712.00 | 5113.00 | 238.00 | 599.23 | 2130.82 | 0.50 |
| 06-06-2022 | 379 | 6596.63 | 5927.00 | 274.86 | 669.90 | 2497.18 | 0.12 |
| 07-06-2022 | 379 | 6933.75 | 6252.00 | 288.91 | 681.95 | 2628.22 | 0.00 |
| 08-06-2022 | 385 | 6648.37 | 5982.00 | 277.02 | 666.67 | 2559.84 | 0.00 |
| 09-06-2022 | 381 | 7093.13 | 6404.00 | 295.55 | 689.30 | 2700.86 | 0.00 |
| 10-06-2022 | 385 | 6823.50 | 6167.00 | 284.31 | 656.70 | 2626.34 | 0.00 |
| 11-06-2022 | 376 | 6867.75 | 6179.00 | 286.16 | 688.92 | 2582.50 | 0.00 |
| 12-06-2022 | 380 | 6699.50 | 6038.00 | 279.15 | 661.66 | 2547.17 | 0.00 |
| 13-06-2022 | 384 | 6823.75 | 6154.00 | 284.32 | 669.97 | 2621.66 | 0.00 |
| 14-06-2022 | 381 | 6888.37 | 6215.00 | 287.02 | 673.66 | 2626.66 | 0.00 |
| 15-06-2022 | 386 | 6862.38 | 6189.00 | 285.93 | 673.57 | 2650.99 | 0.00 |
| 16-06-2022 | 385 | 7125.75 | 6451.00 | 296.91 | 674.85 | 2746.80 | 0.00 |
| 17-06-2022 | 374 | 7139.00 | 6433.00 | 297.46 | 706.04 | 2673.29 | 0.00 |
| 18-06-2022 | 376 | 7161.87 | 6469.00 | 298.41 | 692.87 | 2693.52 | 0.00 |

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| 19-06-2022 | 383 | 6977.75 | 6313.00 | 290.74 | 664.75 | 2672.95 | 0.00 |
| 20-06-2022 | 381 | 7108.75 | 6404.00 | 296.20 | 704.75 | 2711.95 | 0.17 |
| 21-06-2022 | 383 | 7141.13 | 6450.00 | 297.55 | 691.13 | 2731.73 | 0.34 |
| 22-06-2022 | 373 | 7184.50 | 6492.00 | 299.35 | 692.50 | 2682.05 | 0.00 |
| 23-06-2022 | 375 | 7140.75 | 6453.00 | 297.53 | 687.75 | 2674.51 | 0.00 |
| 24-06-2022 | 375 | 7167.75 | 6478.00 | 298.66 | 689.75 | 2686.49 | 0.00 |
| 25-06-2022 | 377 | 7134.25 | 6464.00 | 297.26 | 670.25 | 2691.79 | 0.00 |
| 26-06-2022 | 379 | 7162.12 | 6459.00 | 298.42 | 703.12 | 2714.62 | 0.00 |
| 27-06-2022 | 378 | 7145.00 | 6455.00 | 297.71 | 690.00 | 2704.06 | 0.00 |
| 28-06-2022 | 376 | 7145.00 | 6462.00 | 297.71 | 683.00 | 2688.77 | 0.00 |
| 29-06-2022 | 380 | 7129.50 | 6448.00 | 297.06 | 681.50 | 2709.67 | 0.00 |
| 30-06-2022 | 381 | 7139.38 | 6483.00 | 297.47 | 656.38 | 2719.87 | 0.00 |
| 01-07-2022 | 378 | 7168.62 | 6472.00 | 298.69 | 696.62 | 2712.67 | 0.00 |
| 02-07-2022 | 380 | 7138.13 | 6471.00 | 297.42 | 667.13 | 2714.38 | 0.00 |
| 03-07-2022 | 375 | 6860.37 | 6180.00 | 285.85 | 680.37 | 2572.27 | 0.00 |
| 04-07-2022 | 380 | 6963.50 | 6294.00 | 290.15 | 669.50 | 2649.29 | 0.00 |
| 05-07-2022 | 379 | 7140.13 | 6460.00 | 297.51 | 680.13 | 2703.62 | 0.00 |
| 06-07-2022 | 377 | 7168.62 | 6495.00 | 298.69 | 673.62 | 2702.02 | 0.00 |
| 07-07-2022 | 378 | 7161.38 | 6482.00 | 298.39 | 679.38 | 2710.13 | 0.00 |
| 08-07-2022 | 380 | 7158.00 | 6464.00 | 298.25 | 694.00 | 2722.54 | 0.00 |
| 09-07-2022 | 384 | 6821.62 | 6149.00 | 284.23 | 672.62 | 2621.04 | 0.00 |
| 10-07-2022 | 388 | 6511.00 | 5826.00 | 271.29 | 685.00 | 2527.51 | 0.00 |
| 11-07-2022 | 383 | 7116.75 | 6416.00 | 296.53 | 700.75 | 2726.54 | 0.00 |
| 12-07-2022 | 382 | 7141.50 | 6442.00 | 297.56 | 699.50 | 2728.63 | 0.00 |
| 13-07-2022 | 382 | 7040.50 | 6347.00 | 293.35 | 693.50 | 2691.22 | 0.00 |
| 14-07-2022 | 377 | 7149.00 | 6447.00 | 297.88 | 702.00 | 2697.55 | 0.00 |
| 15-07-2022 | 379 | 7190.25 | 6487.00 | 299.59 | 703.25 | 2726.30 | 0.00 |
| 16-07-2022 | 378 | 7165.00 | 6475.00 | 298.54 | 690.00 | 2709.55 | 0.00 |
| 17-07-2022 | 377 | 7167.00 | 6447.00 | 298.63 | 720.00 | 2701.18 | 0.00 |
| 18-07-2022 | 378 | 7190.50 | 6482.00 | 299.60 | 708.50 | 2716.85 | 0.00 |
| 19-07-2022 | 378 | 7142.25 | 6445.00 | 297.59 | 697.25 | 2700.26 | 0.00 |
| 20-07-2022 | 381 | 7143.75 | 6456.00 | 297.66 | 687.75 | 2722.49 | 0.00 |
| 21-07-2022 | 382 | 7119.25 | 6402.00 | 296.64 | 717.25 | 2721.22 | 0.00 |
| 22-07-2022 | 386 | 7060.00 | 6363.00 | 294.17 | 697.00 | 2725.82 | 0.05 |
| 23-07-2022 | 379 | 7111.75 | 6412.00 | 296.32 | 699.75 | 2693.78 | 0.00 |
| 24-07-2022 | 378 | 6985.00 | 6297.00 | 291.04 | 688.00 | 2642.47 | 0.00 |
| 25-07-2022 | 379 | 7141.25 | 6456.00 | 297.55 | 685.25 | 2708.86 | 0.00 |
| 26-07-2022 | 379 | 7107.00 | 6391.00 | 296.13 | 716.00 | 2693.76 | 0.00 |
| 27-07-2022 | 384 | 7139.50 | 6451.00 | 297.48 | 688.50 | 2743.39 | 0.00 |
| 28-07-2022 | 371 | 7145.00 | 6435.00 | 297.71 | 710.00 | 2653.58 | 0.00 |
| 29-07-2022 | 382 | 7168.75 | 6443.00 | 298.70 | 725.75 | 2739.96 | 0.00 |
| 30-07-2022 | 382 | 7137.00 | 6427.00 | 297.38 | 710.00 | 2725.70 | 0.00 |
| 31-07-2022 | 390 | 6752.00 | 6089.00 | 281.33 | 663.00 | 2630.66 | 0.00 |
| 01-08-2022 | 392 | 6898.00 | 6261.00 | 287.42 | 637.00 | 2700.82 | 0.00 |
| 02-08-2022 | 395 | 6200.75 | 5607.00 | 258.36 | 593.75 | 2449.34 | 0.00 |
| 03-08-2022 | 396 | 6204.00 | 5604.00 | 258.50 | 600.00 | 2454.53 | 0.00 |
| 04-08-2022 | 391 | 6153.50 | 5582.00 | 256.40 | 571.50 | 2403.43 | 0.00 |
| 05-08-2022 | 392 | 5521.00 | 4971.00 | 230.04 | 550.00 | 2162.40 | 0.00 |
| 06-08-2022 | 400 | 5065.50 | 4554.00 | 211.06 | 511.50 | 2025.86 | 0.00 |
| 07-08-2022 | 413 | 4819.25 | 4315.00 | 200.80 | 504.25 | 1991.83 | 0.00 |
| 08-08-2022 | 390 | 6411.25 | 5817.00 | 267.14 | 594.25 | 2497.49 | 0.00 |
| 09-08-2022 | 377 | 6535.75 | 5945.00 | 272.32 | 590.75 | 2465.28 | 0.00 |
| 10-08-2022 | 381 | 6339.00 | 5757.00 | 264.13 | 582.00 | 2413.49 | 0.00 |
| 11-08-2022 | 395 | 5214.75 | 4689.00 | 217.28 | 525.75 | 2060.81 | 0.00 |
| 12-08-2022 | 380 | 6709.00 | 6104.00 | 279.54 | 605.00 | 2546.30 | 0.00 |
| 13-08-2022 | 384 | 6888.00 | 6267.00 | 287.00 | 621.00 | 2641.66 | 0.00 |
| 14-08-2022 | 388 | 6752.00 | 6141.00 | 281.33 | 611.00 | 2617.18 | 0.00 |

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| 15-08-2022 | 379 | 178.50 | 155.00 | 7.44 | 218.90 | 67.61 | 3.58 |
| 26-08-2022 | 406 | 1377.75 | 1249.00 | 57.41 | 277.23 | 559.87 | 66.67 |
| 27-08-2022 | 388 | 5801.50 | 5252.00 | 241.73 | 549.50 | 2249.52 | 0.00 |
| 28-08-2022 | 385 | 5772.25 | 5180.00 | 240.51 | 592.25 | 2220.82 | 0.00 |
| 29-08-2022 | 382 | 6691.75 | 6086.00 | 278.82 | 605.75 | 2553.02 | 0.00 |
| 30-08-2022 | 379 | 7166.00 | 6475.00 | 298.58 | 691.00 | 2712.91 | 0.00 |
| 31-08-2022 | 381 | 7062.50 | 6364.00 | 294.27 | 698.50 | 2688.96 | 0.00 |
| 01-09-2022 | 383 | 6692.75 | 6003.00 | 278.86 | 689.75 | 2565.79 | 0.00 |
| 02-09-2022 | 389 | 6027.25 | 5384.00 | 251.14 | 643.25 | 2344.08 | 0.00 |
| 03-09-2022 | 390 | 5679.50 | 5056.00 | 236.65 | 623.50 | 2214.05 | 0.00 |
| 04-09-2022 | 392 | 5436.50 | 4841.00 | 226.52 | 595.50 | 2130.53 | 0.00 |
| 05-09-2022 | 386 | 6252.25 | 5600.00 | 260.51 | 652.25 | 2416.18 | 0.00 |
| 06-09-2022 | 390 | 5695.25 | 5078.00 | 237.30 | 617.25 | 2220.58 | 0.00 |
| 07-09-2022 | 389 | 5748.75 | 5130.00 | 239.53 | 618.75 | 2234.45 | 0.00 |
| 08-09-2022 | 398 | 5160.75 | 4584.00 | 215.03 | 576.75 | 2055.29 | 0.17 |
| 09-09-2022 | 387 | 5726.25 | 5099.00 | 238.59 | 627.25 | 2215.85 | 0.00 |
| 10-09-2022 | 394 | 5180.00 | 4589.00 | 215.83 | 591.00 | 2041.82 | 0.00 |
| 11-09-2022 | 392 | 5530.75 | 4926.00 | 230.45 | 604.75 | 2166.70 | 0.00 |
| 12-09-2022 | 385 | 6754.50 | 6082.00 | 281.44 | 672.50 | 2601.34 | 0.00 |
| 13-09-2022 | 385 | 7114.50 | 6423.00 | 296.44 | 691.50 | 2736.05 | 0.00 |
| 14-09-2022 | 384 | 7117.75 | 6423.00 | 296.57 | 694.75 | 2735.30 | 0.00 |
| 15-09-2022 | 382 | 7161.50 | 6469.00 | 298.40 | 692.50 | 2738.81 | 0.00 |
| 16-09-2022 | 382 | 7162.00 | 6469.00 | 298.42 | 693.00 | 2733.65 | 0.00 |
| 17-09-2022 | 382 | 7167.25 | 6470.00 | 298.64 | 697.25 | 2734.92 | 0.00 |
| 18-09-2022 | 385 | 6458.25 | 5795.00 | 269.09 | 663.25 | 2488.80 | 0.00 |
| 19-09-2022 | 382 | 7153.25 | 6477.00 | 298.05 | 676.25 | 2734.80 | 0.00 |
| 20-09-2022 | 382 | 7169.50 | 6459.00 | 298.73 | 710.50 | 2737.27 | 0.00 |
| 21-09-2022 | 380 | 7212.50 | 6519.00 | 300.52 | 693.50 | 2742.29 | 0.00 |
| 22-09-2022 | 380 | 7215.75 | 6523.00 | 300.66 | 692.75 | 2744.74 | 0.00 |
| 23-09-2022 | 384 | 7141.50 | 6467.00 | 297.56 | 674.50 | 2740.18 | 0.00 |
| 24-09-2022 | 382 | 7183.00 | 6476.00 | 299.29 | 707.00 | 2742.36 | 0.00 |
| 25-09-2022 | 382 | 7165.25 | 6482.00 | 298.55 | 683.25 | 2735.57 | 0.00 |
| 26-09-2022 | 382 | 7163.25 | 6481.00 | 298.47 | 682.25 | 2736.24 | 0.00 |
| 27-09-2022 | 385 | 7139.00 | 6460.00 | 297.46 | 679.00 | 2745.53 | 0.00 |
| 28-09-2022 | 383 | 7170.75 | 6508.00 | 298.78 | 662.75 | 2744.76 | 0.00 |
| 29-09-2022 | 382 | 7187.50 | 6487.00 | 299.48 | 700.50 | 2746.44 | 0.00 |
| 30-09-2022 | 384 | 7158.50 | 6471.00 | 298.27 | 687.50 | 2746.61 | 0.00 |
| 01-10-2022 | 389 | 7041.25 | 6381.00 | 293.39 | 660.25 | 2738.04 | 0.00 |
| 02-10-2022 | 385 | 6068.00 | 5431.00 | 252.83 | 637.00 | 2336.18 | 0.00 |
| 03-10-2022 | 380 | 6572.00 | 5921.00 | 273.83 | 651.00 | 2497.20 | 0.00 |
| 04-10-2022 | 378 | 6609.75 | 5960.00 | 275.41 | 649.75 | 2498.52 | 0.00 |
| 05-10-2022 | 382 | 6829.00 | 6163.00 | 284.54 | 666.00 | 2611.20 | 0.17 |
| 06-10-2022 | 381 | 7147.25 | 6467.00 | 297.80 | 680.25 | 2725.73 | 0.00 |
| 07-10-2022 | 381 | 7168.00 | 6489.00 | 298.67 | 679.00 | 2732.74 | 0.00 |
| 08-10-2022 | 383 | 7078.00 | 6398.00 | 294.92 | 680.00 | 2710.66 | 0.00 |
| 09-10-2022 | 391 | 6973.50 | 6312.00 | 290.56 | 661.50 | 2726.23 | 0.00 |
| 10-10-2022 | 384 | 7097.75 | 6396.00 | 295.74 | 701.75 | 2728.94 | 0.00 |
| 11-10-2022 | 381 | 7174.00 | 6489.00 | 298.92 | 685.00 | 2732.04 | 0.00 |
| 12-10-2022 | 381 | 7132.25 | 6449.00 | 297.18 | 683.25 | 2714.18 | 0.00 |
| 13-10-2022 | 379 | 7089.50 | 6400.00 | 295.40 | 689.50 | 2688.98 | 0.00 |
| 14-10-2022 | 388 | 6522.75 | 5860.00 | 271.78 | 662.75 | 2530.70 | 0.00 |
| 15-10-2022 | 397 | 5567.25 | 4969.00 | 231.97 | 598.25 | 2212.20 | 0.00 |
| 16-10-2022 | 403 | 4677.00 | 4106.00 | 194.88 | 571.00 | 1883.38 | 0.00 |
| 17-10-2022 | 387 | 6345.50 | 5697.00 | 264.40 | 648.50 | 2458.49 | 0.00 |
| 18-10-2022 | 389 | 6082.50 | 5449.00 | 253.44 | 633.50 | 2366.78 | 0.00 |
| 19-10-2022 | 391 | 6136.75 | 5511.00 | 255.70 | 625.75 | 2401.73 | 0.00 |
| 20-10-2022 | 386 | 6500.00 | 5858.00 | 270.83 | 642.00 | 2509.94 | 0.00 |

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| 21-10-2022 | 406 | 5704.25 | 5092.00 | 237.68 | 612.25 | 2313.72 | 0.00 |
| 22-10-2022 | 409 | 5253.75 | 4670.00 | 218.91 | 583.75 | 2150.30 | 0.00 |
| 23-10-2022 | 398 | 5382.75 | 4761.00 | 224.28 | 621.75 | 2141.59 | 0.00 |
| 24-10-2022 | 400 | 4987.00 | 4387.00 | 207.79 | 600.00 | 1996.32 | 0.24 |
| 25-10-2022 | 396 | 5848.25 | 5218.81 | 243.68 | 629.44 | 2314.94 | 0.00 |
| 26-10-2022 | 400 | 5923.00 | 5269.19 | 246.79 | 653.81 | 2368.97 | 0.00 |
| 27-10-2022 | 398 | 5989.00 | 5343.00 | 249.54 | 646.00 | 2380.80 | 0.00 |
| 28-10-2022 | 393 | 5944.50 | 5300.00 | 247.69 | 644.50 | 2333.64 | 0.00 |
| 29-10-2022 | 395 | 5724.25 | 5110.00 | 238.51 | 614.25 | 2260.06 | 0.00 |
| 30-10-2022 | 392 | 5480.00 | 4854.00 | 228.33 | 626.00 | 2148.84 | 0.00 |
| 31-10-2022 | 386 | 5843.75 | 5284.00 | 243.49 | 559.75 | 2255.18 | 0.00 |
| 01-11-2022 | 396 | 6190.25 | 5583.00 | 257.93 | 607.25 | 2452.39 | 0.00 |
| 02-11-2022 | 395 | 5957.25 | 5371.00 | 248.22 | 586.25 | 2354.06 | 0.00 |
| 03-11-2022 | 401 | 5890.50 | 5250.00 | 245.44 | 640.50 | 2363.21 | 0.00 |
| 04-11-2022 | 403 | 6193.00 | 5548.00 | 258.04 | 645.00 | 2495.40 | 0.00 |
| 05-11-2022 | 408 | 5497.25 | 4879.00 | 229.05 | 618.25 | 2243.42 | 0.00 |
| 06-11-2022 | 416 | 4410.75 | 3872.00 | 183.78 | 538.75 | 1836.00 | 0.00 |
| 07-11-2022 | 423 | 4460.75 | 3916.00 | 185.86 | 544.75 | 1887.36 | 0.00 |
| 08-11-2022 | 414 | 4733.75 | 4180.00 | 197.24 | 553.75 | 1957.39 | 0.00 |
| 09-11-2022 | 403 | 5589.75 | 4990.00 | 232.91 | 599.75 | 2255.11 | 0.55 |
| 10-11-2022 | 401 | 6325.75 | 5688.00 | 263.57 | 637.75 | 2537.02 | 0.00 |
| 11-11-2022 | 399 | 6121.75 | 5486.00 | 255.07 | 635.75 | 2444.71 | 0.00 |
| 12-11-2022 | 405 | 5897.00 | 5272.00 | 245.71 | 625.00 | 2387.50 | 0.00 |
| 13-11-2022 | 405 | 5837.75 | 5224.00 | 243.24 | 613.75 | 2366.81 | 0.00 |
| 14-11-2022 | 410 | 6353.75 | 5719.00 | 264.74 | 634.75 | 2603.71 | 0.00 |
| 15-11-2022 | 409 | 5862.75 | 5239.00 | 244.28 | 623.75 | 2397.65 | 0.00 |
| 16-11-2022 | 399 | 6250.25 | 5616.00 | 260.43 | 634.25 | 2495.59 | 0.00 |
| 17-11-2022 | 405 | 5921.75 | 5317.00 | 246.74 | 604.75 | 2397.60 | 0.00 |
| 18-11-2022 | 393 | 6056.75 | 5427.00 | 252.36 | 629.75 | 2379.55 | 0.00 |
| 19-11-2022 | 398 | 5667.00 | 5070.00 | 236.13 | 597.00 | 2256.14 | 0.00 |
| 20-11-2022 | 400 | 5645.00 | 5060.00 | 235.21 | 585.00 | 2260.70 | 0.29 |
| 21-11-2022 | 380 | 6864.50 | 6191.00 | 286.02 | 673.50 | 2607.74 | 0.10 |
| 22-11-2022 | 385 | 7039.75 | 6372.00 | 293.32 | 667.75 | 2709.58 | 0.00 |
| 23-11-2022 | 385 | 7139.50 | 6478.00 | 297.48 | 661.50 | 2746.20 | 0.00 |
| 24-11-2022 | 378 | 7179.50 | 6490.00 | 299.15 | 689.50 | 2711.06 | 0.00 |
| 25-11-2022 | 383 | 7101.00 | 6430.00 | 295.88 | 671.00 | 2721.91 | 0.29 |
| 26-11-2022 | 379 | 7150.00 | 6478.00 | 297.92 | 672.00 | 2711.93 | 0.00 |
| 27-11-2022 | 374 | 7175.75 | 6499.00 | 298.99 | 676.75 | 2684.86 | 0.00 |
| 28-11-2022 | 380 | 7063.75 | 6392.00 | 294.32 | 671.75 | 2684.86 | 0.00 |
| 29-11-2022 | 392 | 7042.25 | 6368.00 | 293.43 | 674.25 | 2759.40 | 0.00 |
| 30-11-2022 | 383 | 7166.75 | 6486.00 | 298.61 | 680.75 | 2744.76 | 0.00 |
| 01-12-2022 | 384 | 7144.00 | 6469.00 | 297.67 | 675.00 | 2744.11 | 0.00 |
| 02-12-2022 | 378 | 7173.25 | 6501.00 | 298.89 | 672.25 | 2713.42 | 0.00 |
| 03-12-2022 | 382 | 7158.50 | 6483.00 | 298.27 | 675.50 | 2732.45 | 0.00 |
| 04-12-2022 | 382 | 6942.75 | 6280.00 | 289.28 | 662.75 | 2649.17 | 0.00 |
| 05-12-2022 | 394 | 5341.00 | 4763.00 | 222.54 | 578.00 | 2104.63 | 0.00 |
| 06-12-2022 | 388 | 5534.50 | 4940.00 | 230.60 | 594.50 | 2148.05 | 0.00 |
| 07-12-2022 | 383 | 7134.25 | 6456.00 | 297.26 | 678.25 | 2732.93 | 0.00 |
| 08-12-2022 | 386 | 6954.25 | 6287.00 | 289.76 | 667.25 | 2686.18 | 0.00 |
| 09-12-2022 | 385 | 6754.00 | 6099.00 | 281.42 | 655.00 | 2600.33 | 0.00 |
| 10-12-2022 | 391 | 6806.75 | 6165.00 | 283.61 | 641.75 | 2662.08 | 0.00 |
| 11-12-2022 | 388 | 6419.75 | 5823.00 | 267.49 | 596.75 | 2490.58 | 0.00 |
| 12-12-2022 | 382 | 7002.25 | 6315.00 | 291.76 | 687.25 | 2676.02 | 0.00 |
| 13-12-2022 | 379 | 7139.00 | 6480.00 | 297.46 | 659.00 | 2709.10 | 0.00 |
| 14-12-2022 | 379 | 7151.00 | 6460.00 | 297.96 | 691.00 | 2710.27 | 0.00 |
| 15-12-2022 | 381 | 7162.25 | 6484.00 | 298.43 | 678.25 | 2725.27 | 0.00 |
| 16-12-2022 | 380 | 7162.75 | 6486.00 | 298.45 | 676.75 | 2720.14 | 0.00 |

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| 17-12-2022 | 379 | 7129.75 | 6452.00 | 297.07 | 677.75 | 2703.34 | 0.00 |
| 18-12-2022 | 387 | 6988.50 | 6311.00 | 291.19 | 677.50 | 2705.45 | 0.00 |
| 19-12-2022 | 383 | 6989.75 | 6320.00 | 291.24 | 669.75 | 2674.06 | 0.00 |
| 20-12-2022 | 398 | 6903.75 | 6234.00 | 287.66 | 669.75 | 2744.28 | 0.00 |
| 21-12-2022 | 392 | 6996.50 | 6325.00 | 291.52 | 671.50 | 2744.09 | 0.00 |
| 22-12-2022 | 392 | 6989.25 | 6315.00 | 291.22 | 674.25 | 2738.30 | 0.00 |
| 23-12-2022 | 387 | 7037.50 | 6365.00 | 293.23 | 672.50 | 2726.93 | 0.00 |
| 24-12-2022 | 380 | 7148.50 | 6491.00 | 297.85 | 657.50 | 2713.32 | 0.00 |
| 25-12-2022 | 397 | 6792.00 | 6119.00 | 283.00 | 673.00 | 2694.86 | 0.00 |
| 26-12-2022 | 393 | 6716.50 | 6067.00 | 279.85 | 649.50 | 2638.34 | 0.00 |
| 27-12-2022 | 404 | 5637.00 | 5064.00 | 234.88 | 573.00 | 2275.01 | 0.00 |
| 28-12-2022 | 395 | 7011.00 | 6364.00 | 292.13 | 647.00 | 2767.37 | 0.00 |
| 29-12-2022 | 389 | 7065.75 | 6377.00 | 294.41 | 688.75 | 2750.93 | 0.00 |
| 30-12-2022 | 388 | 7094.75 | 6428.00 | 295.61 | 666.75 | 2752.51 | 0.00 |
| 31-12-2022 | 384 | 7037.50 | 6338.00 | 293.23 | 699.50 | 2700.36 | 0.00 |
| 01-01-2023 | 379 | 2395.25 | 2144.00 | 99.80 | 340.89 | 906.72 | 4.27 |
| 07-01-2023 | 549 | 108.25 | 107.00 | 4.51 | 160.25 | 59.38 | 44.66 |
| 08-01-2023 | 382 | 2436.75 | 2219.00 | 101.53 | 309.35 | 929.98 | 7.75 |
| 21-01-2023 | 392 | 4079.75 | 3724.00 | 169.99 | 439.35 | 1599.53 | 59.81 |
| 22-01-2023 | 383 | 6961.75 | 6322.00 | 290.07 | 640.49 | 2665.42 | 0.00 |
| 23-01-2023 | 367 | 7020.25 | 6324.00 | 292.51 | 697.04 | 2577.94 | 0.00 |
| 24-01-2023 | 369 | 7018.00 | 6337.00 | 292.42 | 681.78 | 2590.37 | 0.00 |
| 25-01-2023 | 377 | 6957.50 | 6285.00 | 289.90 | 673.25 | 2619.94 | 0.00 |
| 26-01-2023 | 371 | 7013.75 | 6354.00 | 292.24 | 660.51 | 2604.38 | 0.00 |
| 27-01-2023 | 368 | 6994.75 | 6326.00 | 291.45 | 669.51 | 2575.06 | 0.05 |
| 28-01-2023 | 365 | 6661.00 | 6026.00 | 277.54 | 635.76 | 2431.32 | 0.00 |
| 29-01-2023 | 373 | 7068.50 | 6385.00 | 294.52 | 684.24 | 2634.74 | 0.00 |
| 30-01-2023 | 377 | 7135.75 | 6468.00 | 297.32 | 668.51 | 2690.74 | 0.00 |
| 31-01-2023 | 379 | 7015.75 | 6383.00 | 292.32 | 633.51 | 2658.79 | 0.00 |
| 01-02-2023 | 382 | 6924.75 | 6246.00 | 288.53 | 679.51 | 2643.82 | 0.00 |
| 02-02-2023 | 385 | 6707.50 | 6073.00 | 279.48 | 635.28 | 2584.30 | 0.00 |
| 03-02-2023 | 372 | 6865.25 | 6190.00 | 286.05 | 676.01 | 2552.59 | 0.00 |
| 04-02-2023 | 374 | 6592.75 | 5975.00 | 274.70 | 618.49 | 2466.58 | 0.00 |
| 05-02-2023 | 373 | 6332.25 | 5702.00 | 263.84 | 631.01 | 2360.81 | 0.00 |
| 06-02-2023 | 370 | 7036.00 | 6373.00 | 293.17 | 663.76 | 2601.36 | 0.00 |
| 07-02-2023 | 373 | 7059.75 | 6390.00 | 294.16 | 670.51 | 2636.57 | 0.00 |
| 08-02-2023 | 379 | 7007.75 | 6357.00 | 291.99 | 651.51 | 2657.88 | 0.00 |
| 09-02-2023 | 379 | 7141.00 | 6450.00 | 297.54 | 691.74 | 2709.29 | 0.00 |
| 10-02-2023 | 376 | 7162.75 | 6483.00 | 298.45 | 680.51 | 2694.94 | 0.00 |
| 11-02-2023 | 366 | 7112.50 | 6439.00 | 296.35 | 674.26 | 2603.23 | 0.00 |
| 12-02-2023 | 371 | 7090.25 | 6422.00 | 295.43 | 669.02 | 2629.87 | 0.00 |
| 13-02-2023 | 372 | 6777.00 | 6136.00 | 282.38 | 641.75 | 2518.32 | 7.03 |
| 14-02-2023 | 373 | 7155.00 | 6475.00 | 298.13 | 680.76 | 2669.50 | 0.36 |
| 15-02-2023 | 373 | 7157.25 | 6493.00 | 298.22 | 664.99 | 2672.06 | 0.00 |
| 16-02-2023 | 369 | 7136.25 | 6472.00 | 297.34 | 665.00 | 2631.58 | 0.00 |
| 17-02-2023 | 376 | 7126.75 | 6482.00 | 296.95 | 645.48 | 2679.72 | 0.00 |
| 18-02-2023 | 384 | 7152.00 | 6471.00 | 298.00 | 681.77 | 2749.32 | 0.00 |
| 19-02-2023 | 374 | 7160.50 | 6496.00 | 298.35 | 665.23 | 2680.80 | 0.00 |
| 20-02-2023 | 371 | 7127.75 | 6482.00 | 296.99 | 646.52 | 2647.01 | 0.00 |
| 21-02-2023 | 373 | 7009.25 | 6344.00 | 292.05 | 666.00 | 2614.22 | 0.00 |
| 22-02-2023 | 373 | 7191.25 | 6523.00 | 299.64 | 669.00 | 2682.58 | 0.00 |
| 23-02-2023 | 371 | 7175.75 | 6511.00 | 298.99 | 665.48 | 2660.83 | 0.00 |
| 24-02-2023 | 370 | 7150.25 | 6487.00 | 297.93 | 664.02 | 2647.32 | 0.00 |
| 25-02-2023 | 375 | 7089.00 | 6425.00 | 295.38 | 664.73 | 2660.14 | 0.00 |
| 26-02-2023 | 374 | 6748.25 | 6115.00 | 281.18 | 633.97 | 2526.43 | 0.00 |
| 27-02-2023 | 370 | 7177.00 | 6494.00 | 299.04 | 683.74 | 2656.78 | 0.00 |
| 28-02-2023 | 366 | 7097.25 | 6437.00 | 295.72 | 660.99 | 2600.40 | 0.00 |

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| 01-03-2023 | 366 | 7122.50 | 6473.00 | 296.77 | 650.22 | 2606.59 | 0.00 |
| 02-03-2023 | 366 | 7156.25 | 6470.00 | 298.18 | 686.99 | 2622.26 | 0.00 |
| 03-03-2023 | 365 | 7137.25 | 6468.00 | 297.39 | 669.99 | 2603.98 | 0.00 |
| 04-03-2023 | 370 | 7099.25 | 6459.00 | 295.80 | 640.99 | 2624.21 | 0.00 |
| 05-03-2023 | 369 | 6960.25 | 6291.00 | 290.01 | 669.98 | 2571.55 | 0.24 |
| 06-03-2023 | 375 | 6821.50 | 6174.00 | 284.23 | 648.23 | 2556.10 | 0.00 |
| 07-03-2023 | 371 | 7022.00 | 6355.00 | 292.58 | 667.72 | 2602.37 | 0.00 |
| 08-03-2023 | 374 | 7107.25 | 6435.00 | 296.14 | 672.99 | 2657.42 | 0.00 |
| 09-03-2023 | 365 | 7172.75 | 6498.00 | 298.86 | 675.51 | 2618.50 | 0.00 |
| 10-03-2023 | 364 | 7127.00 | 6460.00 | 296.96 | 667.74 | 2591.18 | 0.00 |
| 11-03-2023 | 362 | 7169.25 | 6501.00 | 298.72 | 669.01 | 2596.87 | 0.00 |
| 12-03-2023 | 367 | 6999.75 | 6352.00 | 291.66 | 648.47 | 2568.98 | 0.00 |
| 13-03-2023 | 372 | 7005.99 | 6373.00 | 291.92 | 633.72 | 2602.90 | 0.00 |
| 14-03-2023 | 369 | 6967.51 | 6300.00 | 290.31 | 668.24 | 2569.82 | 0.00 |
| 15-03-2023 | 370 | 7138.75 | 6476.00 | 297.45 | 663.52 | 2641.44 | 0.00 |
| 16-03-2023 | 371 | 7139.00 | 6479.00 | 297.46 | 660.73 | 2646.29 | 0.00 |
| 17-03-2023 | 372 | 7127.75 | 6468.00 | 296.99 | 660.49 | 2648.76 | 0.00 |
| 18-03-2023 | 372 | 7147.25 | 6485.00 | 297.80 | 662.99 | 2655.50 | 0.00 |
| 19-03-2023 | 379 | 6740.25 | 6104.00 | 280.84 | 685.31 | 2551.18 | 0.00 |
| 20-03-2023 | 379 | 6995.25 | 6360.00 | 291.47 | 635.25 | 2650.68 | 0.24 |
| 21-03-2023 | 375 | 7150.00 | 6474.00 | 297.92 | 676.00 | 2679.00 | 0.00 |
| 22-03-2023 | 379 | 6299.75 | 5714.00 | 262.49 | 585.75 | 2387.45 | 0.00 |
| 23-03-2023 | 390 | 5198.50 | 4663.00 | 216.60 | 535.50 | 2028.86 | 2.78 |
| 24-03-2023 | 375 | 7116.00 | 6451.00 | 296.50 | 665.00 | 2668.44 | 0.00 |
| 25-03-2023 | 375 | 7103.00 | 6462.00 | 295.96 | 641.00 | 2666.54 | 0.00 |
| 26-03-2023 | 374 | 7177.75 | 6501.00 | 299.07 | 676.75 | 2685.86 | 0.00 |
| 27-03-2023 | 377 | 7143.00 | 6505.00 | 297.63 | 638.00 | 2689.49 | 0.00 |
| 28-03-2023 | 373 | 7113.50 | 6438.00 | 296.40 | 675.50 | 2652.41 | 0.00 |
| 29-03-2023 | 370 | 7177.00 | 6508.00 | 299.04 | 669.00 | 2653.82 | 0.00 |
| 30-03-2023 | 372 | 7110.75 | 6451.00 | 296.28 | 659.75 | 2646.22 | 0.00 |
| 31-03-2023 | 371 | 7166.25 | 6498.00 | 298.59 | 668.25 | 2660.86 | 0.00 |
| 01-04-2023 | 371 | 6845.00 | 6196.00 | 285.21 | 649.00 | 2541.96 | 2.18 |
| 02-04-2023 | 436 | 668.75 | 608.00 | 27.86 | 258.55 | 291.38 | 43.08 |
| 03-04-2023 | 406 | 4777.25 | 4293.00 | 199.05 | 484.99 | 1937.33 | 0.00 |
| 04-04-2023 | 376 | 6988.75 | 6343.00 | 291.20 | 646.51 | 2629.85 | 0.00 |
| 05-04-2023 | 369 | 7183.25 | 6521.00 | 299.30 | 663.03 | 2651.88 | 0.34 |
| 06-04-2023 | 371 | 7164.00 | 6496.00 | 298.50 | 668.76 | 2659.06 | 0.00 |
| 07-04-2023 | 370 | 7117.25 | 6450.00 | 296.55 | 668.03 | 2631.26 | 0.00 |
| 08-04-2023 | 369 | 7118.75 | 6457.00 | 296.61 | 662.53 | 2628.70 | 0.00 |
| 09-04-2023 | 368 | 7162.00 | 6501.00 | 298.42 | 661.78 | 2636.83 | 0.00 |
| 10-04-2023 | 372 | 7138.75 | 6473.00 | 297.45 | 666.53 | 2653.58 | 1.10 |
| 11-04-2023 | 371 | 7159.50 | 6494.00 | 298.31 | 666.28 | 2658.02 | 0.00 |
| 12-04-2023 | 370 | 7170.75 | 6503.00 | 298.78 | 668.53 | 2652.24 | 0.00 |
| 13-04-2023 | 371 | 7145.00 | 6482.00 | 297.71 | 663.78 | 2647.25 | 0.00 |
| 14-04-2023 | 372 | 6777.25 | 6157.00 | 282.39 | 620.99 | 2524.44 | 0.00 |
| 15-04-2023 | 374 | 6807.25 | 6149.00 | 283.64 | 659.01 | 2548.34 | 0.00 |
| 16-04-2023 | 381 | 5969.00 | 5366.00 | 248.71 | 603.72 | 2273.45 | 0.00 |
| 17-04-2023 | 371 | 7065.75 | 6403.00 | 294.41 | 663.49 | 2619.72 | 0.00 |
| 18-04-2023 | 368 | 7121.75 | 6471.00 | 296.74 | 651.48 | 2620.75 | 0.00 |
| 19-04-2023 | 373 | 7126.50 | 6458.00 | 296.94 | 669.22 | 2655.02 | 0.00 |
| 20-04-2023 | 371 | 7139.75 | 6496.00 | 297.49 | 644.46 | 2648.04 | 0.24 |
| 21-04-2023 | 372 | 7128.25 | 6474.00 | 297.01 | 654.99 | 2650.27 | 0.00 |
| 22-04-2023 | 369 | 7015.25 | 6340.00 | 292.30 | 675.98 | 2590.94 | 0.00 |
| 23-04-2023 | 374 | 6863.75 | 6212.00 | 285.99 | 652.46 | 2565.67 | 0.00 |
| 24-04-2023 | 370 | 7168.25 | 6497.00 | 298.68 | 671.97 | 2653.85 | 0.00 |
| 25-04-2023 | 371 | 7149.75 | 6479.00 | 297.91 | 671.49 | 2651.35 | 0.00 |
| 26-04-2023 | 374 | 6767.50 | 6121.00 | 281.98 | 647.22 | 2533.34 | 7.56 |

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| 27-04-2023 | 376 | 7134.00 | 6482.00 | 297.25 | 652.74 | 2679.31 | 0.00 |
| 28-04-2023 | 373 | 7168.50 | 6498.00 | 298.69 | 671.24 | 2676.84 | 0.00 |
| 29-04-2023 | 373 | 7162.50 | 6471.00 | 298.44 | 692.24 | 2671.20 | 0.00 |
| 30-04-2023 | 379 | 6753.00 | 6112.00 | 281.38 | 641.72 | 2561.33 | 0.00 |
| 01-05-2023 | 379 | 6948.50 | 6332.00 | 289.52 | 617.22 | 2636.30 | 0.00 |
| 02-05-2023 | 378 | 6692.75 | 6095.00 | 278.86 | 598.49 | 2528.98 | 0.00 |
| 03-05-2023 | 378 | 6965.25 | 6360.00 | 290.22 | 605.99 | 2634.74 | 0.00 |
| 04-05-2023 | 381 | 7085.50 | 6443.00 | 295.23 | 643.24 | 2700.05 | 0.00 |
| 05-05-2023 | 387 | 6136.50 | 5584.00 | 255.69 | 553.24 | 2376.10 | 0.00 |
| 06-05-2023 | 389 | 6540.25 | 5943.00 | 272.51 | 597.95 | 2545.10 | 0.17 |
| 07-05-2023 | 381 | 6736.00 | 6119.00 | 280.67 | 617.72 | 2564.21 | 0.00 |
| 08-05-2023 | 390 | 6931.00 | 6329.00 | 288.79 | 602.72 | 2705.57 | 0.00 |
| 09-05-2023 | 394 | 6785.75 | 6159.00 | 282.74 | 627.47 | 2672.86 | 0.00 |
| 10-05-2023 | 384 | 6935.75 | 6317.00 | 288.99 | 619.48 | 2660.66 | 0.00 |
| 11-05-2023 | 383 | 6394.50 | 5820.00 | 266.44 | 575.22 | 2448.29 | 6.46 |
| 12-05-2023 | 378 | 6704.00 | 6083.00 | 279.33 | 621.69 | 2532.74 | 0.00 |
| 13-05-2023 | 381 | 6434.50 | 5847.00 | 268.10 | 588.24 | 2453.28 | 0.00 |
| 14-05-2023 | 367 | 2581.50 | 2355.00 | 107.56 | 355.28 | 946.78 | 16.01 |
| 23-05-2023 | 389 | 2685.50 | 2445.00 | 111.90 | 371.71 | 1045.15 | 53.90 |
| 24-05-2023 | 372 | 5742.00 | 5200.00 | 239.25 | 542.83 | 2137.78 | 0.50 |
| 25-05-2023 | 379 | 5406.25 | 4910.00 | 225.26 | 497.18 | 2047.18 | 2.16 |
| 26-05-2023 | 397 | 5101.00 | 4643.00 | 212.54 | 458.76 | 2025.17 | 0.00 |
| 27-05-2023 | 385 | 5237.00 | 4703.00 | 218.21 | 534.85 | 2017.34 | 0.00 |
| 28-05-2023 | 376 | 5225.00 | 4681.00 | 217.71 | 544.82 | 1965.65 | 0.00 |
| 29-05-2023 | 387 | 5240.75 | 4691.00 | 218.36 | 550.64 | 2026.92 | 0.00 |
| 30-05-2023 | 390 | 5282.75 | 4749.00 | 220.11 | 534.65 | 2058.43 | 0.00 |
| 31-05-2023 | 394 | 5359.75 | 4789.00 | 223.32 | 571.62 | 2112.10 | 0.00 |
| 01-06-2023 | 392 | 5355.25 | 4811.00 | 223.14 | 545.14 | 2098.08 | 0.00 |
| 02-06-2023 | 394 | 5345.75 | 4784.00 | 222.74 | 562.69 | 2104.66 | 0.00 |
| 03-06-2023 | 392 | 5365.00 | 4814.00 | 223.54 | 551.90 | 2102.57 | 0.00 |
| 04-06-2023 | 380 | 5334.00 | 4794.00 | 222.25 | 540.89 | 2028.74 | 0.00 |
| 05-06-2023 | 384 | 5364.50 | 4805.00 | 223.52 | 560.40 | 2059.92 | 0.19 |
| 06-06-2023 | 398 | 5125.50 | 4597.00 | 213.56 | 529.42 | 2040.43 | 0.00 |
| 07-06-2023 | 393 | 5283.25 | 4737.00 | 220.14 | 547.15 | 2077.03 | 0.34 |
| 08-06-2023 | 385 | 5240.75 | 4703.00 | 218.36 | 538.72 | 2017.25 | 0.00 |
| 09-06-2023 | 394 | 5197.50 | 4659.00 | 216.56 | 539.45 | 2049.00 | 0.00 |
| 10-06-2023 | 398 | 5191.00 | 4654.00 | 216.29 | 537.90 | 2064.65 | 0.00 |
| 11-06-2023 | 401 | 5136.25 | 4609.00 | 214.01 | 528.03 | 2059.80 | 0.00 |
| 12-06-2023 | 411 | 5041.25 | 4493.00 | 210.05 | 549.05 | 2069.42 | 0.00 |
| 13-06-2023 | 406 | 5098.50 | 4561.00 | 212.44 | 538.30 | 2070.74 | 0.00 |
| 14-06-2023 | 410 | 5074.00 | 4546.00 | 211.42 | 528.82 | 2078.47 | 0.00 |
| 15-06-2023 | 413 | 5046.00 | 4501.00 | 210.25 | 545.82 | 2083.30 | 0.00 |
| 16-06-2023 | 403 | 4846.25 | 4347.00 | 201.93 | 513.97 | 1950.60 | 13.27 |
| 14-07-2023 | 420 | 2310.25 | 2106.00 | 96.26 | 322.05 | 970.37 | 72.79 |
| 15-07-2023 | 387 | 5320.00 | 4826.00 | 221.67 | 494.64 | 2060.14 | 26.69 |
| 16-07-2023 | 379 | 6434.75 | 5811.00 | 268.11 | 745.35 | 2436.36 | 12.55 |
| 17-07-2023 | 387 | 6834.50 | 6177.00 | 284.77 | 657.50 | 2645.33 | 0.00 |
| 18-07-2023 | 374 | 2233.50 | 2025.00 | 93.06 | 243.44 | 835.27 | 8.66 |
| 26-07-2023 | 304 | 3.00 | 3.00 | 0.13 | 163.82 | 0.91 | 59.69 |
| 27-07-2023 | 382 | 6302.50 | 5738.00 | 262.60 | 565.22 | 2409.82 | 22.08 |
| 28-07-2023 | 381 | 7151.75 | 6511.00 | 297.99 | 641.47 | 2721.91 | 0.00 |
| 29-07-2023 | 382 | 6899.25 | 6286.00 | 287.47 | 613.25 | 2633.23 | 0.00 |
| 30-07-2023 | 383 | 6879.00 | 6234.00 | 286.63 | 645.00 | 2637.96 | 0.00 |
| 31-07-2023 | 383 | 7122.00 | 6459.00 | 296.75 | 663.00 | 2727.22 | 0.00 |
| 01-08-2023 | 381 | 7172.50 | 6492.00 | 298.85 | 680.50 | 2730.82 | 0.00 |
| 02-08-2023 | 383 | 7137.25 | 6473.00 | 297.39 | 664.25 | 2733.70 | 0.00 |
| 03-08-2023 | 382 | 7141.50 | 6451.00 | 297.56 | 690.50 | 2730.82 | 0.00 |

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| 04-08-2023 | 383 | 7134.50 | 6478.00 | 297.27 | 656.50 | 2730.82 | 0.00 |
| 05-08-2023 | 386 | 6925.25 | 6247.00 | 288.55 | 678.25 | 2675.47 | 0.00 |
| 06-08-2023 | 402 | 4586.00 | 4050.00 | 191.08 | 536.00 | 1844.74 | 0.00 |
| 07-08-2023 | 385 | 6465.50 | 5848.00 | 269.40 | 617.50 | 2492.33 | 0.26 |
| 08-08-2023 | 381 | 7126.75 | 6441.00 | 296.95 | 685.75 | 2717.02 | 0.00 |
| 09-08-2023 | 382 | 7187.25 | 6525.00 | 299.47 | 662.25 | 2746.42 | 0.00 |
| 10-08-2023 | 379 | 7199.25 | 6514.00 | 299.97 | 685.25 | 2727.43 | 0.00 |
| 11-08-2023 | 378 | 7158.25 | 6482.00 | 298.26 | 676.25 | 2709.22 | 0.00 |
| 12-08-2023 | 378 | 7132.50 | 6467.00 | 297.19 | 665.50 | 2696.98 | 0.00 |
| 13-08-2023 | 378 | 7163.00 | 6492.00 | 298.46 | 671.00 | 2709.58 | 0.00 |
| 14-08-2023 | 379 | 7167.50 | 6493.00 | 298.65 | 674.50 | 2717.52 | 0.00 |
| 15-08-2023 | 380 | 7118.50 | 6441.00 | 296.60 | 677.50 | 2703.89 | 0.00 |
| 16-08-2023 | 381 | 7127.50 | 6450.00 | 296.98 | 677.50 | 2716.58 | 0.00 |
| 17-08-2023 | 379 | 7155.50 | 6496.00 | 298.15 | 659.50 | 2712.98 | 0.00 |
| 18-08-2023 | 378 | 7138.50 | 6451.00 | 297.44 | 687.50 | 2701.15 | 0.00 |
| 19-08-2023 | 380 | 7113.00 | 6462.00 | 296.38 | 651.00 | 2701.51 | 0.00 |
| 20-08-2023 | 380 | 6947.50 | 6327.00 | 289.48 | 620.50 | 2639.83 | 0.22 |
| 21-08-2023 | 380 | 7148.00 | 6457.00 | 297.83 | 691.00 | 2719.08 | 0.02 |
| 22-08-2023 | 381 | 7085.50 | 6429.00 | 295.23 | 656.50 | 2700.62 | 0.02 |
| 23-08-2023 | 381 | 7148.50 | 6458.00 | 297.85 | 690.50 | 2726.09 | 0.00 |
| 24-08-2023 | 380 | 7116.00 | 6479.00 | 296.50 | 637.00 | 2706.91 | 0.00 |
| 25-08-2023 | 379 | 7125.50 | 6462.00 | 296.90 | 663.50 | 2698.90 | 0.00 |
| 26-08-2023 | 372 | 7143.00 | 6494.00 | 297.63 | 649.00 | 2654.93 | 0.00 |
| 27-08-2023 | 376 | 6781.00 | 6125.00 | 282.54 | 656.00 | 2550.34 | 0.00 |
| 28-08-2023 | 376 | 7102.50 | 6451.00 | 295.94 | 651.50 | 2671.51 | 0.00 |
| 29-08-2023 | 376 | 7139.00 | 6457.00 | 297.46 | 682.00 | 2683.13 | 0.00 |
| 30-08-2023 | 377 | 7133.50 | 6471.00 | 297.23 | 662.50 | 2691.19 | 0.00 |
| 31-08-2023 | 380 | 7131.00 | 6466.00 | 297.13 | 665.00 | 2707.73 | 0.00 |
| 01-09-2023 | 377 | 7154.50 | 6485.00 | 298.10 | 669.50 | 2697.62 | 0.00 |
| 02-09-2023 | 375 | 6978.00 | 6323.00 | 290.75 | 655.00 | 2619.24 | 0.00 |
| 03-09-2023 | 379 | 6402.00 | 5782.00 | 266.75 | 620.00 | 2426.62 | 0.00 |
| 04-09-2023 | 382 | 6216.00 | 5602.00 | 259.00 | 614.00 | 2373.26 | 0.00 |
| 05-09-2023 | 375 | 6918.50 | 6263.00 | 288.27 | 655.50 | 2597.06 | 0.17 |
| 06-09-2023 | 376 | 6853.50 | 6240.00 | 285.56 | 613.50 | 2575.51 | 0.00 |
| 07-09-2023 | 379 | 6835.50 | 6233.00 | 284.81 | 602.50 | 2592.29 | 0.00 |
| 08-09-2023 | 380 | 6750.50 | 6133.00 | 281.27 | 617.50 | 2564.18 | 0.00 |
| 09-09-2023 | 390 | 5832.00 | 5321.00 | 243.00 | 511.00 | 2276.30 | 0.00 |
| 10-09-2023 | 397 | 5238.50 | 4724.00 | 218.27 | 514.50 | 2079.65 | 0.00 |
| 11-09-2023 | 404 | 5230.50 | 4715.00 | 217.94 | 515.50 | 2112.48 | 0.00 |
| 12-09-2023 | 401 | 5285.00 | 4764.00 | 220.21 | 521.00 | 2118.22 | 0.00 |
| 13-09-2023 | 398 | 5291.00 | 4776.00 | 220.46 | 515.00 | 2103.77 | 0.00 |
| 14-09-2023 | 397 | 5260.00 | 4755.00 | 219.17 | 505.00 | 2089.30 | 0.00 |
| 15-09-2023 | 396 | 5275.50 | 4750.00 | 219.81 | 525.50 | 2087.64 | 0.00 |
| 16-09-2023 | 399 | 5243.50 | 4731.00 | 218.48 | 512.50 | 2091.02 | 0.00 |
| 17-09-2023 | 392 | 5316.50 | 4799.00 | 221.52 | 517.50 | 2085.86 | 0.00 |
| 18-09-2023 | 387 | 5299.00 | 4784.00 | 220.79 | 515.00 | 2049.50 | 0.00 |
| 19-09-2023 | 382 | 5304.00 | 4794.00 | 221.00 | 510.00 | 2025.07 | 0.00 |
| 20-09-2023 | 390 | 5290.50 | 4796.00 | 220.44 | 494.50 | 2063.95 | 0.34 |
| 21-09-2023 | 391 | 5260.00 | 4739.00 | 219.17 | 521.00 | 2055.74 | 0.00 |
| 22-09-2023 | 394 | 5251.00 | 4741.00 | 218.79 | 510.00 | 2069.16 | 0.00 |
| 23-09-2023 | 392 | 5285.00 | 4777.00 | 220.21 | 508.00 | 2072.69 | 0.00 |
| 24-09-2023 | 393 | 5323.50 | 4813.00 | 221.81 | 510.50 | 2091.02 | 0.00 |
| 25-09-2023 | 397 | 5306.00 | 4793.00 | 221.08 | 513.00 | 2108.98 | 0.00 |
| 26-09-2023 | 399 | 5279.00 | 4768.00 | 219.96 | 511.00 | 2108.21 | 0.00 |
| 27-09-2023 | 396 | 5306.50 | 4795.00 | 221.10 | 511.50 | 2102.30 | 0.00 |
| 28-09-2023 | 399 | 5268.00 | 4758.00 | 219.50 | 510.00 | 2102.54 | 0.00 |
| 29-09-2023 | 409 | 4756.50 | 4274.00 | 198.19 | 482.50 | 1944.00 | 0.00 |

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| 30-09-2023 | 406 | 5037.50 | 4541.00 | 209.90 | 496.50 | 2047.08 | 0.00 |
| 01-10-2023 | 390 | 5246.00 | 4738.00 | 218.58 | 508.00 | 2046.48 | 0.46 |
| 02-10-2023 | 380 | 6476.00 | 5871.00 | 269.83 | 605.00 | 2458.58 | 0.00 |
| 03-10-2023 | 389 | 6643.00 | 6006.00 | 276.79 | 637.00 | 2583.84 | 0.00 |
| 04-10-2023 | 387 | 6755.00 | 6131.00 | 281.46 | 624.00 | 2612.42 | 0.00 |
| 05-10-2023 | 386 | 6660.00 | 6024.00 | 277.50 | 636.00 | 2571.96 | 0.26 |
| 06-10-2023 | 383 | 6725.00 | 6100.00 | 280.21 | 625.00 | 2578.03 | 0.00 |
| 07-10-2023 | 386 | 6684.00 | 6054.00 | 278.50 | 630.00 | 2577.46 | 0.00 |
| 08-10-2023 | 381 | 6377.50 | 5772.00 | 265.73 | 605.50 | 2429.14 | 0.00 |
| 09-10-2023 | 384 | 6935.50 | 6312.00 | 288.98 | 623.50 | 2661.89 | 0.00 |
| 10-10-2023 | 379 | 7042.00 | 6373.00 | 293.42 | 669.00 | 2671.75 | 0.00 |
| 11-10-2023 | 372 | 6820.00 | 6196.00 | 284.17 | 624.00 | 2536.63 | 0.00 |
| 12-10-2023 | 385 | 6556.00 | 5920.00 | 273.17 | 636.00 | 2524.73 | 0.00 |
| 13-10-2023 | 379 | 6829.00 | 6194.00 | 284.54 | 635.00 | 2588.06 | 0.00 |
| 14-10-2023 | 362 | 6824.50 | 6195.00 | 284.35 | 629.50 | 2467.37 | 0.00 |
| 15-10-2023 | 366 | 5268.00 | 4717.00 | 219.50 | 551.00 | 1926.53 | 0.00 |
| 16-10-2023 | 367 | 6194.00 | 5591.00 | 258.08 | 603.00 | 2271.36 | 0.00 |
| 17-10-2023 | 366 | 6760.50 | 6131.00 | 281.69 | 629.50 | 2470.99 | 0.00 |
| 18-10-2023 | 367 | 6596.00 | 5970.00 | 274.83 | 626.00 | 2421.96 | 0.00 |
| 19-10-2023 | 364 | 6604.00 | 5973.00 | 275.17 | 631.00 | 2406.82 | 0.00 |
| 20-10-2023 | 366 | 6519.00 | 5903.00 | 271.63 | 616.00 | 2384.47 | 0.00 |
| 21-10-2023 | 368 | 5676.00 | 5100.00 | 236.50 | 576.00 | 2091.50 | 0.00 |
| 22-10-2023 | 374 | 5280.50 | 4724.00 | 220.02 | 556.50 | 1975.63 | 0.00 |
| 23-10-2023 | 371 | 5809.00 | 5230.00 | 242.04 | 579.00 | 2152.27 | 0.00 |
| 24-10-2023 | 370 | 5782.00 | 5187.00 | 240.92 | 595.00 | 2138.57 | 0.00 |
| 25-10-2023 | 372 | 5947.50 | 5355.00 | 247.81 | 592.50 | 2213.26 | 0.00 |
| 26-10-2023 | 365 | 6377.50 | 5763.00 | 265.73 | 614.50 | 2330.11 | 0.00 |
| 27-10-2023 | 362 | 6122.00 | 5514.00 | 255.08 | 608.00 | 2214.89 | 0.00 |
| 28-10-2023 | 368 | 5358.00 | 4798.00 | 223.25 | 560.00 | 1970.23 | 0.00 |
| 29-10-2023 | 380 | 4832.00 | 4334.00 | 201.33 | 498.00 | 1833.89 | 0.00 |
| 30-10-2023 | 376 | 6155.00 | 5583.00 | 256.46 | 572.00 | 2313.84 | 0.00 |
| 31-10-2023 | 378 | 5798.50 | 5262.00 | 241.60 | 536.50 | 2189.16 | 0.00 |
| 01-11-2023 | 377 | 5758.50 | 5215.00 | 239.94 | 543.50 | 2169.10 | 0.00 |
| 02-11-2023 | 380 | 5415.00 | 4891.00 | 225.63 | 524.00 | 2056.27 | 0.00 |
| 03-11-2023 | 381 | 5430.00 | 4917.00 | 226.25 | 513.00 | 2070.60 | 0.00 |
| 04-11-2023 | 384 | 4628.00 | 4128.00 | 192.83 | 500.00 | 1776.50 | 0.00 |
| 05-11-2023 | 393 | 4393.50 | 3901.00 | 183.06 | 492.50 | 1726.61 | 0.17 |
| 06-11-2023 | 378 | 5410.50 | 4873.00 | 225.44 | 537.50 | 2043.67 | 0.00 |
| 07-11-2023 | 383 | 5547.50 | 5008.00 | 231.15 | 539.50 | 2125.34 | 0.00 |
| 08-11-2023 | 389 | 5358.00 | 4817.00 | 223.25 | 541.00 | 2084.86 | 0.00 |
| 09-11-2023 | 388 | 5208.50 | 4673.00 | 217.02 | 535.50 | 2022.48 | 0.00 |
| 10-11-2023 | 400 | 5132.00 | 4575.00 | 213.83 | 557.00 | 2050.97 | 0.00 |
| 11-11-2023 | 413 | 4884.50 | 4335.00 | 203.52 | 549.50 | 2018.40 | 0.00 |
| 12-11-2023 | 393 | 4310.00 | 3784.00 | 179.58 | 526.00 | 1695.91 | 0.00 |
| 13-11-2023 | 386 | 5183.50 | 4621.00 | 215.98 | 562.50 | 2000.30 | 0.19 |
| 14-11-2023 | 396 | 5142.50 | 4585.00 | 214.27 | 557.50 | 2035.63 | 0.00 |
| 15-11-2023 | 407 | 4990.50 | 4430.00 | 207.94 | 560.50 | 2031.62 | 0.00 |
| 16-11-2023 | 379 | 4497.50 | 3988.00 | 187.40 | 509.50 | 1704.31 | 0.00 |
| 17-11-2023 | 399 | 5553.50 | 5006.00 | 231.40 | 547.50 | 2216.38 | 0.00 |
| 18-11-2023 | 384 | 6366.50 | 5751.00 | 265.27 | 615.50 | 2446.01 | 0.00 |
| 19-11-2023 | 396 | 5521.50 | 4956.00 | 230.06 | 565.50 | 2183.93 | 0.00 |
| 20-11-2023 | 389 | 6200.00 | 5608.00 | 258.33 | 592.00 | 2411.02 | 0.00 |
| 21-11-2023 | 380 | 6667.50 | 6025.00 | 277.81 | 642.50 | 2534.83 | 0.00 |
| 22-11-2023 | 382 | 6541.50 | 5924.00 | 272.56 | 617.50 | 2501.04 | 0.00 |
| 23-11-2023 | 376 | 6451.00 | 5838.00 | 268.79 | 613.00 | 2424.48 | 0.00 |
| 24-11-2023 | 377 | 6429.50 | 5829.00 | 267.90 | 600.50 | 2423.83 | 0.00 |
| 25-11-2023 | 385 | 5640.50 | 5080.00 | 235.02 | 560.50 | 2171.40 | 0.00 |

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| 26-11-2023 | 384 | 5486.00 | 4923.00 | 228.58 | 563.00 | 2108.95 | 0.00 |
| 27-11-2023 | 377 | 6241.50 | 5651.00 | 260.06 | 590.50 | 2351.66 | 0.00 |
| 28-11-2023 | 381 | 6441.50 | 5848.00 | 268.40 | 593.50 | 2451.67 | 0.24 |
| 29-11-2023 | 381 | 6544.00 | 5922.00 | 272.67 | 622.00 | 2493.07 | 0.00 |
| 30-11-2023 | 380 | 6490.00 | 5905.00 | 270.42 | 585.00 | 2464.06 | 0.00 |
| 01-12-2023 | 388 | 6270.50 | 5715.00 | 261.27 | 555.50 | 2431.68 | 0.00 |
| 02-12-2023 | 399 | 5321.50 | 4828.00 | 221.73 | 493.50 | 2123.52 | 0.00 |
| 03-12-2023 | 403 | 4945.00 | 4437.00 | 206.04 | 508.00 | 1993.39 | 0.00 |
| 04-12-2023 | 390 | 5996.50 | 5463.00 | 249.85 | 533.50 | 2341.49 | 0.00 |
| 05-12-2023 | 402 | 5541.00 | 5012.00 | 230.88 | 529.00 | 2228.04 | 0.00 |
| 06-12-2023 | 391 | 6125.50 | 5586.00 | 255.23 | 539.50 | 2397.46 | 0.00 |
| 07-12-2023 | 391 | 6341.50 | 5770.00 | 264.23 | 571.50 | 2477.30 | 0.00 |
| 08-12-2023 | 387 | 6384.00 | 5822.00 | 266.00 | 562.00 | 2472.43 | 0.00 |
| 09-12-2023 | 403 | 3198.00 | 2894.00 | 133.25 | 304.06 | 1287.60 | 0.00 |
| 22-01-2024 | 386 | 4406.50 | 4038.00 | 183.60 | 482.36 | 1702.10 | 42.02 |
| 23-01-2024 | 374 | 7158.00 | 6544.00 | 298.25 | 614.08 | 2676.10 | 0.00 |
| 24-01-2024 | 376 | 7142.50 | 6519.00 | 297.60 | 623.59 | 2684.57 | 0.00 |
| 25-01-2024 | 375 | 6922.00 | 6311.00 | 288.42 | 611.10 | 2593.44 | 0.00 |
| 26-01-2024 | 373 | 7128.00 | 6487.00 | 297.00 | 641.11 | 2657.02 | 0.00 |
| 27-01-2024 | 368 | 7139.50 | 6477.50 | 297.48 | 662.25 | 2627.81 | 0.10 |
| 28-01-2024 | 375 | 6115.00 | 5509.50 | 254.79 | 605.44 | 2294.86 | 0.00 |
| 29-01-2024 | 373 | 6993.00 | 6371.00 | 291.38 | 622.04 | 2607.77 | 0.00 |
| 30-01-2024 | 372 | 6945.00 | 6299.00 | 289.38 | 646.03 | 2586.91 | 0.00 |
| 31-01-2024 | 366 | 7132.50 | 6455.00 | 297.19 | 677.53 | 2609.04 | 0.00 |
| 01-02-2024 | 371 | 7094.00 | 6454.00 | 295.58 | 640.07 | 2631.58 | 0.00 |
| 02-02-2024 | 376 | 6969.50 | 6301.00 | 290.40 | 668.61 | 2621.09 | 0.00 |
| 03-02-2024 | 376 | 6486.50 | 5869.00 | 270.27 | 617.59 | 2436.17 | 0.00 |
| 04-02-2024 | 376 | 6762.00 | 6109.00 | 281.75 | 653.08 | 2539.90 | 0.00 |
| 05-02-2024 | 370 | 6943.00 | 6269.00 | 289.29 | 674.09 | 2567.71 | 0.00 |
| 06-02-2024 | 372 | 7112.00 | 6428.00 | 296.33 | 684.06 | 2648.76 | 0.12 |
| 07-02-2024 | 375 | 7139.00 | 6455.00 | 297.46 | 684.07 | 2680.20 | 0.00 |
| 08-02-2024 | 377 | 7150.00 | 6483.00 | 297.92 | 667.06 | 2693.18 | 0.00 |
| 09-02-2024 | 374 | 7128.50 | 6433.00 | 297.02 | 695.56 | 2666.04 | 0.00 |
| 10-02-2024 | 376 | 7117.50 | 6454.00 | 296.56 | 663.56 | 2676.84 | 0.00 |
| 11-02-2024 | 376 | 6749.50 | 6077.00 | 281.23 | 672.57 | 2536.30 | 0.00 |
| 12-02-2024 | 375 | 7113.00 | 6435.00 | 296.38 | 678.09 | 2666.83 | 0.00 |
| 13-02-2024 | 375 | 7125.00 | 6465.00 | 296.88 | 660.06 | 2668.68 | 0.00 |
| 14-02-2024 | 372 | 7164.50 | 6491.00 | 298.52 | 673.58 | 2664.22 | 0.02 |
| 15-02-2024 | 375 | 7126.00 | 6472.00 | 296.92 | 654.06 | 2672.42 | 0.00 |
| 16-02-2024 | 374 | 7122.50 | 6466.00 | 296.77 | 656.58 | 2662.22 | 0.02 |
| 17-02-2024 | 372 | 7143.00 | 6490.00 | 297.63 | 653.08 | 2658.29 | 0.00 |
| 18-02-2024 | 378 | 6450.00 | 5833.00 | 268.75 | 617.13 | 2434.99 | 0.00 |
| 19-02-2024 | 373 | 7114.00 | 6473.00 | 296.42 | 641.04 | 2656.46 | 0.00 |
| 20-02-2024 | 373 | 7134.50 | 6528.00 | 297.27 | 606.60 | 2664.62 | 0.24 |
| 21-02-2024 | 372 | 7146.00 | 6516.00 | 297.75 | 630.06 | 2658.12 | 0.00 |
| 22-02-2024 | 372 | 7138.50 | 6523.00 | 297.44 | 615.55 | 2654.52 | 0.00 |
| 23-02-2024 | 374 | 6739.00 | 6149.00 | 280.79 | 590.06 | 2519.16 | 0.00 |
| 24-02-2024 | 383 | 6804.50 | 6228.00 | 283.52 | 576.56 | 2606.40 | 0.00 |
| 25-02-2024 | 376 | 6901.00 | 6301.00 | 287.54 | 600.06 | 2594.38 | 0.00 |
| 26-02-2024 | 373 | 7084.50 | 6458.00 | 295.19 | 626.58 | 2641.54 | 0.00 |
| 27-02-2024 | 370 | 7141.00 | 6535.00 | 297.54 | 606.09 | 2639.64 | 0.00 |
| 28-02-2024 | 366 | 7161.00 | 6550.00 | 298.38 | 611.13 | 2622.91 | 0.00 |
| 29-02-2024 | 368 | 7121.00 | 6501.00 | 296.71 | 620.14 | 2620.80 | 0.00 |
| 01-03-2024 | 373 | 7120.00 | 6495.00 | 296.67 | 625.11 | 2656.08 | 0.00 |
| 02-03-2024 | 367 | 7164.50 | 6525.00 | 298.52 | 639.56 | 2630.93 | 0.00 |
| 03-03-2024 | 373 | 6542.00 | 5900.00 | 272.58 | 642.06 | 2437.85 | 0.00 |
| 04-03-2024 | 370 | 7143.00 | 6460.00 | 297.63 | 683.07 | 2646.34 | 0.00 |

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| 05-03-2024 | 372 | 7139.50 | 6472.00 | 297.48 | 667.61 | 2652.70 | 0.00 |
| 06-03-2024 | 369 | 7139.50 | 6441.00 | 297.48 | 698.56 | 2634.43 | 0.00 |
| 07-03-2024 | 367 | 7148.50 | 6464.00 | 297.85 | 684.56 | 2626.44 | 0.00 |
| 08-03-2024 | 367 | 7151.05 | 6470.00 | 297.96 | 681.08 | 2623.66 | 0.00 |
| 09-03-2024 | 367 | 7130.45 | 6450.00 | 297.10 | 680.53 | 2613.43 | 0.00 |
| 10-03-2024 | 373 | 6427.00 | 5788.00 | 267.79 | 639.09 | 2397.65 | 0.00 |
| 11-03-2024 | 375 | 7096.00 | 6417.00 | 295.67 | 679.10 | 2662.97 | 0.00 |
| 12-03-2024 | 373 | 7142.00 | 6475.00 | 297.58 | 667.05 | 2667.41 | 0.00 |
| 13-03-2024 | 367 | 7168.00 | 6482.00 | 298.67 | 686.04 | 2628.70 | 0.00 |
| 14-03-2024 | 364 | 7164.00 | 6482.00 | 298.50 | 682.06 | 2608.61 | 0.00 |
| 15-03-2024 | 364 | 7126.50 | 6449.00 | 296.94 | 677.57 | 2591.18 | 0.00 |
| 16-03-2024 | 360 | 7162.50 | 6479.00 | 298.44 | 683.58 | 2582.02 | 0.00 |
| 17-03-2024 | 362 | 7111.50 | 6458.00 | 296.31 | 653.57 | 2576.50 | 0.00 |
| 18-03-2024 | 370 | 7100.00 | 6466.00 | 295.83 | 634.07 | 2623.78 | 0.00 |
| 19-03-2024 | 374 | 7126.00 | 6509.00 | 296.92 | 617.06 | 2665.67 | 0.00 |
| 20-03-2024 | 379 | 7126.00 | 6478.00 | 296.92 | 648.05 | 2699.15 | 0.19 |
| 21-03-2024 | 378 | 7126.50 | 6487.00 | 296.94 | 639.56 | 2692.07 | 0.00 |
| 22-03-2024 | 378 | 7118.00 | 6498.00 | 296.58 | 620.09 | 2692.94 | 0.00 |
| 23-03-2024 | 381 | 7122.00 | 6466.00 | 296.75 | 656.05 | 2716.00 | 0.00 |
| 24-03-2024 | 384 | 6315.65 | 5766.07 | 263.15 | 549.58 | 2426.92 | 0.00 |
| 25-03-2024 | 376 | 7109.52 | 6515.28 | 296.23 | 594.24 | 2671.89 | 0.00 |
| 26-03-2024 | 372 | 7195.68 | 6596.16 | 299.82 | 599.52 | 2673.47 | 0.00 |
| 27-03-2024 | 371 | 7167.36 | 6564.65 | 298.64 | 602.71 | 2655.47 | 0.00 |
| 28-03-2024 | 372 | 7022.73 | 6191.09 | 292.61 | 831.98 | 2614.92 | 0.00 |
| 29-03-2024 | 377 | 7131.68 | 6450.97 | 297.15 | 680.77 | 2692.03 | 0.00 |
| 30-03-2024 | 383 | 7157.83 | 6477.98 | 298.24 | 679.91 | 2738.10 | 0.00 |
| 31-03-2024 | 376 | 7128.40 | 6452.25 | 297.02 | 676.23 | 2679.06 | 0.00 |
| 01-04-2024 | 383 | 7109.87 | 6436.05 | 296.24 | 673.88 | 2721.66 | 0.00 |
| 02-04-2024 | 381 | 7120.87 | 6443.17 | 296.70 | 677.74 | 2711.18 | 0.00 |
| 03-04-2024 | 372 | 7122.14 | 6455.03 | 296.76 | 667.17 | 2646.98 | 0.00 |
| 04-04-2024 | 378 | 7124.13 | 6446.32 | 296.84 | 677.87 | 2695.85 | 0.00 |
| 05-04-2024 | 379 | 7140.52 | 6454.05 | 297.52 | 686.55 | 2709.35 | 0.19 |
| 06-04-2024 | 375 | 7071.53 | 6387.90 | 294.65 | 683.69 | 2650.78 | 0.00 |
| 07-04-2024 | 386 | 7119.02 | 6431.00 | 296.63 | 688.10 | 2745.52 | 0.00 |
| 08-04-2024 | 385 | 7118.31 | 6437.13 | 296.60 | 681.24 | 2738.62 | 0.00 |
| 09-04-2024 | 384 | 7118.14 | 6447.60 | 296.59 | 670.64 | 2735.45 | 0.00 |
| 10-04-2024 | 383 | 7091.81 | 6455.15 | 295.49 | 636.84 | 2718.89 | 0.14 |
| 11-04-2024 | 377 | 5721.05 | 5210.35 | 238.38 | 548.16 | 2155.80 | 4.54 |
| 16-04-2024 | 386 | 2768.00 | 2511.07 | 115.33 | 402.23 | 1067.98 | 65.78 |
| 17-04-2024 | 381 | 7123.07 | 6467.85 | 296.79 | 655.28 | 2715.62 | 0.00 |
| 18-04-2024 | 382 | 7114.65 | 6446.25 | 296.44 | 668.46 | 2719.15 | 0.00 |
| 19-04-2024 | 379 | 7145.42 | 6470.10 | 297.73 | 675.36 | 2709.84 | 0.00 |
| 20-04-2024 | 376 | 7114.90 | 6443.03 | 296.45 | 671.91 | 2672.66 | 0.00 |
| 21-04-2024 | 374 | 7157.88 | 6479.10 | 298.25 | 678.84 | 2677.94 | 0.00 |
| 22-04-2024 | 372 | 7148.73 | 6469.72 | 297.86 | 679.05 | 2661.60 | 0.00 |
| 23-04-2024 | 382 | 7073.54 | 6396.90 | 294.73 | 676.68 | 2702.95 | 0.00 |
| 24-04-2024 | 397 | 7052.49 | 6381.75 | 293.85 | 670.78 | 2802.84 | 0.00 |
| 25-04-2024 | 392 | 7088.34 | 6412.50 | 295.35 | 675.88 | 2775.14 | 0.00 |
| 26-04-2024 | 380 | 7175.85 | 6494.93 | 298.99 | 680.96 | 2726.54 | 0.00 |
| 27-04-2024 | 384 | 7089.56 | 6411.15 | 295.40 | 678.47 | 2722.25 | 0.00 |
| 28-04-2024 | 386 | 7031.27 | 6354.15 | 292.97 | 677.16 | 2712.07 | 0.00 |
| 29-04-2024 | 387 | 7112.72 | 6431.47 | 296.36 | 681.33 | 2752.97 | 0.00 |
| 30-04-2024 | 379 | 7138.73 | 6459.00 | 297.45 | 679.79 | 2705.95 | 0.00 |
| 01-05-2024 | 331 | 6894.17 | 6227.03 | 287.26 | 667.20 | 2283.53 | 0.00 |
| 02-05-2024 | 381 | 7044.04 | 6363.15 | 293.50 | 680.95 | 2683.39 | 0.34 |
| 03-05-2024 | 377 | 7136.69 | 6450.90 | 297.36 | 685.85 | 2691.62 | 0.00 |
| 04-05-2024 | 381 | 7120.58 | 6445.87 | 296.69 | 674.73 | 2711.16 | 0.00 |

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| 05-05-2024 | 378 | 7243.74 | 6549.90 | 301.82 | 693.86 | 2734.80 | 0.00 |
| 06-05-2024 | 382 | 7040.05 | 6363.45 | 293.34 | 676.64 | 2689.44 | 0.00 |
| 07-05-2024 | 379 | 7125.87 | 6444.08 | 296.91 | 681.81 | 2701.32 | 0.00 |
| 08-05-2024 | 378 | 7126.87 | 6445.12 | 296.95 | 681.79 | 2693.57 | 0.00 |
| 09-05-2024 | 376 | 7153.86 | 6470.85 | 298.08 | 683.03 | 2690.59 | 0.00 |
| 10-05-2024 | 377 | 7129.55 | 6445.73 | 297.06 | 683.84 | 2687.11 | 0.00 |
| 11-05-2024 | 379 | 7079.67 | 6399.67 | 294.99 | 680.02 | 2682.62 | 0.00 |
| 12-05-2024 | 378 | 7096.14 | 6420.75 | 295.67 | 675.43 | 2680.73 | 0.00 |
| 13-05-2024 | 377 | 7104.82 | 6427.38 | 296.03 | 677.48 | 2676.89 | 0.00 |
| 14-05-2024 | 381 | 6787.22 | 6127.40 | 282.80 | 659.84 | 2588.98 | 7.49 |
| 15-05-2024 | 379 | 7148.57 | 6463.95 | 297.86 | 684.64 | 2710.15 | 0.00 |
| 16-05-2024 | 379 | 7117.45 | 6442.27 | 296.56 | 675.22 | 2699.47 | 0.00 |
| 17-05-2024 | 379 | 7163.96 | 6479.03 | 298.50 | 684.97 | 2716.30 | 0.00 |
| 18-05-2024 | 380 | 6687.79 | 6032.85 | 278.66 | 654.98 | 2543.06 | 0.00 |
| 19-05-2024 | 383 | 6365.98 | 5729.55 | 265.25 | 636.47 | 2436.38 | 0.00 |
| 20-05-2024 | 391 | 5703.65 | 5113.87 | 237.65 | 589.84 | 2230.37 | 16.03 |
| 21-05-2024 | 398 | 6319.70 | 5698.43 | 263.32 | 621.29 | 2515.49 | 0.00 |
| 22-05-2024 | 405 | 5387.68 | 4808.47 | 224.49 | 579.27 | 2184.50 | 0.00 |
| 23-05-2024 | 412 | 1942.29 | 1714.28 | 80.93 | 348.55 | 801.00 | 3.62 |
| 06-06-2024 | 409 | 1072.84 | 975.82 | 44.70 | 283.82 | 438.60 | 73.87 |
| 07-06-2024 | 391 | 6904.50 | 6270.23 | 287.69 | 634.53 | 2696.90 | 0.00 |
| 08-06-2024 | 395 | 6282.78 | 5649.45 | 261.78 | 633.69 | 2481.12 | 0.00 |
| 09-06-2024 | 418 | 4687.24 | 4164.22 | 195.30 | 523.32 | 1960.94 | 0.00 |
| 10-06-2024 | 403 | 5845.20 | 5246.40 | 243.55 | 599.14 | 2354.86 | 0.00 |
| 11-06-2024 | 381 | 6666.11 | 6014.48 | 277.75 | 651.91 | 2543.00 | 0.00 |
| 12-06-2024 | 378 | 7108.84 | 6426.52 | 296.20 | 682.58 | 2690.00 | 0.00 |
| 13-06-2024 | 380 | 7141.53 | 6460.58 | 297.56 | 681.27 | 2716.15 | 0.00 |
| 14-06-2024 | 376 | 7202.62 | 6520.87 | 300.11 | 681.97 | 2709.12 | 0.00 |
| 15-06-2024 | 381 | 6608.14 | 5970.15 | 275.34 | 638.21 | 2516.02 | 0.00 |
| 16-06-2024 | 378 | 6611.28 | 5987.70 | 275.47 | 623.80 | 2499.48 | 0.00 |
| 17-06-2024 | 378 | 7099.27 | 6468.98 | 295.80 | 630.47 | 2685.94 | 0.00 |
| 18-06-2024 | 374 | 7118.38 | 6483.37 | 296.60 | 635.23 | 2659.66 | 0.00 |
| 19-06-2024 | 371 | 7133.55 | 6494.63 | 297.23 | 639.08 | 2645.26 | 0.00 |
| 20-06-2024 | 373 | 7078.41 | 6442.20 | 294.93 | 636.31 | 2641.18 | 0.00 |
| 21-06-2024 | 388 | 4998.48 | 4433.55 | 208.27 | 565.03 | 1939.66 | 0.82 |
| 22-06-2024 | 391 | 5568.36 | 4987.65 | 232.02 | 580.85 | 2175.26 | 0.00 |
| 23-06-2024 | 401 | 4832.76 | 4288.95 | 201.37 | 543.93 | 1936.44 | 0.00 |
| 24-06-2024 | 387 | 6545.70 | 5902.20 | 272.74 | 643.62 | 2532.58 | 0.00 |
| 25-06-2024 | 389 | 6864.92 | 6205.80 | 286.04 | 659.24 | 2669.62 | 0.00 |
| 26-06-2024 | 389 | 5578.70 | 4890.55 | 232.45 | 688.25 | 2169.10 | 0.00 |
| 27-06-2024 | 395 | 5081.28 | 4643.07 | 211.72 | 438.33 | 2007.38 | 0.00 |
| 28-06-2024 | 393 | 5441.98 | 4925.40 | 226.75 | 516.68 | 2141.28 | 0.00 |
| 29-06-2024 | 347 | 5516.07 | 4988.47 | 229.84 | 527.70 | 1913.45 | 0.00 |
| 30-06-2024 | 399 | 4648.12 | 4150.73 | 193.67 | 497.47 | 1853.93 | 0.00 |
| 01-07-2024 | 392 | 5716.33 | 5169.60 | 238.18 | 546.79 | 2240.98 | 0.00 |
| 02-07-2024 | 390 | 6086.57 | 5524.43 | 253.61 | 562.22 | 2371.61 | 0.00 |
| 03-07-2024 | 390 | 7065.97 | 6452.85 | 294.42 | 616.48 | 2757.24 | 0.00 |
| 04-07-2024 | 386 | 7124.99 | 6507.52 | 296.87 | 617.47 | 2747.45 | 0.00 |
| 05-07-2024 | 384 | 7149.92 | 6531.75 | 297.91 | 618.17 | 2744.45 | 0.00 |
| 06-07-2024 | 383 | 7168.75 | 6521.78 | 298.70 | 646.97 | 2745.12 | 0.00 |
| 07-07-2024 | 387 | 6439.71 | 5814.67 | 268.32 | 625.04 | 2493.36 | 0.00 |
| 08-07-2024 | 383 | 7029.02 | 6369.08 | 292.88 | 659.94 | 2693.86 | 0.00 |
| 09-07-2024 | 384 | 7114.02 | 6481.72 | 296.42 | 632.30 | 2732.40 | 0.00 |
| 10-07-2024 | 382 | 7184.94 | 6553.95 | 299.37 | 630.99 | 2744.71 | 0.00 |
| 11-07-2024 | 390 | 7057.28 | 6441.83 | 294.05 | 615.45 | 2753.09 | 0.00 |
| 12-07-2024 | 389 | 7096.26 | 6477.00 | 295.68 | 619.26 | 2760.10 | 0.00 |
| 13-07-2024 | 384 | 6885.28 | 6280.20 | 286.89 | 605.12 | 2642.71 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 14-07-2024 | 398 | 5096.67 | 4584.37 | 212.36 | 512.34 | 2028.67 | 0.00 |
| 15-07-2024 | 378 | 6911.17 | 6301.28 | 287.97 | 609.93 | 2611.75 | 0.00 |
| 16-07-2024 | 386 | 6518.77 | 5938.72 | 271.62 | 580.09 | 2516.66 | 0.00 |
| 17-07-2024 | 393 | 5741.13 | 5226.68 | 239.21 | 514.51 | 2256.31 | 0.00 |
| 18-07-2024 | 395 | 5286.83 | 4782.58 | 220.28 | 504.31 | 2089.06 | 0.00 |
| 19-07-2024 | 395 | 5706.48 | 5188.07 | 237.77 | 518.47 | 2254.08 | 0.00 |
| 20-07-2024 | 387 | 6581.74 | 6013.27 | 274.24 | 568.47 | 2546.62 | 0.00 |
| 21-07-2024 | 384 | 6653.93 | 6082.13 | 277.25 | 571.80 | 2554.61 | 0.00 |
| 22-07-2024 | 379 | 7140.61 | 6538.95 | 297.53 | 601.66 | 2704.22 | 0.00 |
| 23-07-2024 | 361 | 7091.29 | 6493.12 | 295.47 | 598.17 | 2561.11 | 0.00 |
| 24-07-2024 | 363 | 7140.88 | 6534.68 | 297.54 | 606.20 | 2594.11 | 0.00 |
| 25-07-2024 | 362 | 7203.91 | 6579.00 | 300.16 | 624.91 | 2604.55 | 0.00 |
| 26-07-2024 | 366 | 7026.87 | 6418.50 | 292.79 | 608.37 | 2570.54 | 0.00 |
| 27-07-2024 | 362 | 7176.69 | 6553.80 | 299.03 | 622.89 | 2598.29 | 0.00 |
| 28-07-2024 | 368 | 6470.24 | 5883.97 | 269.59 | 586.27 | 2380.61 | 0.00 |
| 29-07-2024 | 365 | 7097.16 | 6479.55 | 295.72 | 617.61 | 2587.34 | 0.00 |
| 30-07-2024 | 365 | 6615.83 | 6030.00 | 275.66 | 585.83 | 2412.98 | 0.00 |
| 31-07-2024 | 363 | 6975.55 | 6375.98 | 290.65 | 599.57 | 2535.58 | 0.00 |
| 01-08-2024 | 361 | 7137.33 | 6531.37 | 297.39 | 605.96 | 2578.87 | 0.00 |
| 02-08-2024 | 362 | 7140.86 | 6547.35 | 297.54 | 593.51 | 2583.53 | 0.00 |
| 03-08-2024 | 365 | 6962.09 | 6375.38 | 290.09 | 586.71 | 2537.71 | 0.00 |
| 04-08-2024 | 359 | 7070.59 | 6473.62 | 294.61 | 596.97 | 2537.98 | 0.00 |
| 05-08-2024 | 362 | 7079.05 | 6490.58 | 294.96 | 588.47 | 2562.70 | 0.14 |
| 06-08-2024 | 361 | 7129.71 | 6529.87 | 297.07 | 599.84 | 2574.98 | 0.00 |
| 07-08-2024 | 376 | 7140.25 | 6535.50 | 297.51 | 604.75 | 2682.41 | 0.00 |
| 08-08-2024 | 379 | 7090.84 | 6489.98 | 295.45 | 600.86 | 2689.68 | 0.00 |
| 09-08-2024 | 379 | 7092.63 | 6491.32 | 295.53 | 601.31 | 2687.21 | 0.00 |
| 10-08-2024 | 387 | 7075.52 | 6478.95 | 294.81 | 596.57 | 2741.35 | 0.00 |
| 11-08-2024 | 382 | 7112.41 | 6515.03 | 296.35 | 597.38 | 2717.35 | 0.00 |
| 12-08-2024 | 385 | 7127.86 | 6530.32 | 296.99 | 597.54 | 2741.06 | 0.00 |
| 13-08-2024 | 385 | 7150.19 | 6548.63 | 297.92 | 601.56 | 2751.26 | 0.00 |
| 14-08-2024 | 384 | 7135.62 | 6530.55 | 297.32 | 605.11 | 2737.22 | 0.00 |
| 15-08-2024 | 390 | 7096.95 | 6496.95 | 295.71 | 600.06 | 2770.37 | 0.00 |
| 16-08-2024 | 386 | 7131.61 | 6525.37 | 297.15 | 606.30 | 2749.44 | 0.00 |
| 17-08-2024 | 388 | 6414.01 | 5845.58 | 267.25 | 568.49 | 2490.24 | 0.00 |
| 18-08-2024 | 396 | 5190.95 | 4694.62 | 216.29 | 496.45 | 2053.13 | 0.00 |
| 19-08-2024 | 406 | 4941.38 | 4459.51 | 205.89 | 481.97 | 2005.56 | 0.00 |
| 20-08-2024 | 394 | 6538.71 | 5965.27 | 272.45 | 573.54 | 2574.94 | 0.00 |
| 21-08-2024 | 391 | 6853.92 | 6266.25 | 285.58 | 587.77 | 2678.30 | 0.14 |
| 22-08-2024 | 394 | 6691.93 | 6108.00 | 278.83 | 583.99 | 2638.06 | 0.00 |
| 23-08-2024 | 391 | 7116.39 | 6508.42 | 296.52 | 608.03 | 2780.11 | 0.00 |
| 24-08-2024 | 386 | 7061.28 | 6460.80 | 294.22 | 600.54 | 2728.85 | 0.00 |
| 25-08-2024 | 390 | 6342.42 | 5778.68 | 264.27 | 563.80 | 2475.24 | 0.00 |
| 26-08-2024 | 378 | 7203.46 | 6588.67 | 300.14 | 614.85 | 2721.17 | 0.00 |
| 27-08-2024 | 386 | 7129.21 | 6521.33 | 297.05 | 607.92 | 2751.96 | 0.00 |
| 28-08-2024 | 381 | 7122.51 | 6512.85 | 296.77 | 609.72 | 2716.27 | 0.00 |
| 29-08-2024 | 381 | 7180.44 | 6572.85 | 299.19 | 607.63 | 2737.01 | 0.00 |
| 30-08-2024 | 381 | 7128.12 | 6522.82 | 297.01 | 605.36 | 2714.64 | 0.00 |
| 31-08-2024 | 382 | 6825.25 | 6239.03 | 284.39 | 586.28 | 2604.98 | 0.00 |
| 01-09-2024 | 386 | 6179.98 | 5622.97 | 257.50 | 557.07 | 2382.55 | 0.00 |
| 02-09-2024 | 383 | 6889.51 | 6296.48 | 287.06 | 593.11 | 2640.89 | 0.00 |
| 03-09-2024 | 381 | 7060.61 | 6459.67 | 294.19 | 601.02 | 2686.63 | 0.00 |
| 04-09-2024 | 380 | 7112.30 | 6502.58 | 296.35 | 609.76 | 2701.87 | 0.00 |
| 05-09-2024 | 381 | 7032.72 | 6429.00 | 293.03 | 603.78 | 2682.74 | 0.14 |
| 06-09-2024 | 381 | 7143.28 | 6535.27 | 297.64 | 608.05 | 2723.74 | 0.00 |
| 07-09-2024 | 379 | 7130.48 | 6524.63 | 297.10 | 605.91 | 2703.84 | 0.00 |
| 08-09-2024 | 382 | 6339.23 | 5775.15 | 264.13 | 564.14 | 2421.38 | 0.00 |

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| 09-09-2024 | 377 | 7171.08 | 6558.60 | 298.80 | 612.54 | 2706.70 | 0.00 |
| 10-09-2024 | 388 | 6016.96 | 5501.47 | 250.71 | 515.55 | 2332.18 | 0.00 |
| 11-09-2024 | 392 | 5519.41 | 5045.40 | 229.98 | 474.07 | 2163.60 | 0.00 |
| 12-09-2024 | 391 | 5519.81 | 5043.90 | 229.99 | 475.97 | 2159.21 | 0.00 |
| 13-09-2024 | 389 | 5661.83 | 5175.60 | 235.91 | 486.31 | 2203.20 | 0.00 |
| 14-09-2024 | 394 | 5696.05 | 5214.75 | 237.34 | 481.38 | 2241.46 | 0.00 |
| 15-09-2024 | 382 | 6990.90 | 6390.23 | 291.29 | 600.73 | 2668.30 | 0.00 |
| 16-09-2024 | 378 | 6891.41 | 6295.42 | 287.14 | 596.05 | 2604.86 | 0.00 |
| 17-09-2024 | 383 | 6903.21 | 6310.13 | 287.63 | 593.12 | 2642.33 | 0.00 |
| 18-09-2024 | 377 | 7001.86 | 6401.17 | 291.74 | 600.75 | 2643.12 | 0.00 |
| 19-09-2024 | 378 | 7133.24 | 6520.65 | 297.22 | 612.63 | 2697.17 | 0.00 |
| 20-09-2024 | 377 | 7109.88 | 6504.83 | 296.25 | 605.11 | 2677.08 | 0.17 |
| 21-09-2024 | 381 | 6235.73 | 5676.00 | 259.82 | 559.79 | 2373.26 | 0.00 |
| 22-09-2024 | 384 | 6122.13 | 5564.02 | 255.09 | 558.19 | 2352.36 | 0.00 |
| 23-09-2024 | 382 | 7107.61 | 6497.48 | 296.15 | 610.19 | 2713.90 | 0.00 |
| 24-09-2024 | 373 | 7170.07 | 6556.05 | 298.75 | 614.10 | 2671.08 | 0.00 |
| 25-09-2024 | 381 | 7075.09 | 6466.35 | 294.80 | 608.78 | 2693.83 | 0.00 |
| 26-09-2024 | 380 | 7109.64 | 6497.70 | 296.24 | 612.00 | 2702.88 | 0.00 |
| 27-09-2024 | 377 | 7175.25 | 6557.10 | 298.97 | 618.19 | 2706.94 | 0.00 |
| 28-09-2024 | 383 | 6971.62 | 6372.60 | 290.48 | 599.06 | 2671.13 | 0.24 |
| 29-09-2024 | 362 | 426.43 | 399.22 | 17.77 | 209.31 | 154.18 | 33.24 |
| 21-01-2025 | 340 | 1850.95 | 1712.48 | 77.12 | 335.59 | 629.33 | 195.14 |
| 22-01-2025 | 383 | 6888.80 | 6317.85 | 287.03 | 570.95 | 2639.30 | 0.00 |
| 23-01-2025 | 385 | 7020.05 | 6461.47 | 292.50 | 558.58 | 2705.18 | 0.00 |
| 24-01-2025 | 386 | 7081.91 | 6511.95 | 295.08 | 569.96 | 2736.17 | 0.00 |
| 25-01-2025 | 387 | 7115.40 | 6549.30 | 296.48 | 566.10 | 2750.57 | 0.00 |
| 26-01-2025 | 384 | 6226.51 | 5703.83 | 259.44 | 522.68 | 2391.86 | 0.00 |
| 27-01-2025 | 377 | 7078.08 | 6500.47 | 294.92 | 577.61 | 2664.89 | 0.00 |
| 28-01-2025 | 381 | 6728.19 | 6173.10 | 280.34 | 560.77 | 2566.34 | 4.56 |
| 05-02-2025 | 377 | 4666.56 | 4276.65 | 194.44 | 482.55 | 1760.04 | 50.14 |
| 06-02-2025 | 369 | 6731.14 | 6158.58 | 280.46 | 573.36 | 2482.99 | 0.00 |
| 07-02-2025 | 359 | 7222.26 | 6617.97 | 300.93 | 605.07 | 2591.35 | 0.00 |
| 08-02-2025 | 366 | 6857.69 | 6274.05 | 285.74 | 584.42 | 2511.17 | 1.01 |
| 09-02-2025 | 368 | 3022.32 | 2758.05 | 125.93 | 290.35 | 1112.81 | 0.00 |
| 14-02-2025 | 268 | 117.14 | 115.50 | 4.88 | 166.76 | 31.34 | 60.12 |
| 15-02-2025 | 371 | 6924.87 | 6346.43 | 288.54 | 578.54 | 2568.79 | 3.91 |
| 16-02-2025 | 365 | 6570.59 | 5987.85 | 273.77 | 582.86 | 2398.22 | 0.00 |
| 17-02-2025 | 365 | 7129.90 | 6452.47 | 297.08 | 677.53 | 2599.92 | 0.00 |
| 18-02-2025 | 361 | 7183.96 | 6504.75 | 299.33 | 679.33 | 2596.15 | 0.00 |
| 19-02-2025 | 361 | 7213.13 | 6530.85 | 300.55 | 682.38 | 2601.36 | 0.00 |
| 20-02-2025 | 363 | 7171.81 | 6492.15 | 298.83 | 679.76 | 2603.50 | 0.00 |
| 21-02-2025 | 362 | 7161.07 | 6558.30 | 298.38 | 602.87 | 2593.66 | 0.00 |
| 22-02-2025 | 362 | 7151.65 | 6555.60 | 297.99 | 596.13 | 2589.89 | 0.00 |
| 23-02-2025 | 363 | 6441.70 | 5880.53 | 268.40 | 561.27 | 2335.87 | 0.00 |
| 24-02-2025 | 361 | 7122.59 | 6484.12 | 296.77 | 638.57 | 2572.56 | 0.00 |
| 25-02-2025 | 356 | 7180.72 | 6498.75 | 299.20 | 682.05 | 2555.42 | 0.00 |
| 26-02-2025 | 356 | 7158.82 | 6469.35 | 298.28 | 689.57 | 2551.75 | 0.00 |
| 27-02-2025 | 361 | 7137.97 | 6476.40 | 297.42 | 661.65 | 2573.81 | 0.00 |
| 28-02-2025 | 360 | 7192.52 | 6550.50 | 299.69 | 642.06 | 2591.93 | 0.00 |
| 01-03-2025 | 367 | 6992.39 | 6359.25 | 291.35 | 633.22 | 2567.28 | 0.00 |
| 02-03-2025 | 370 | 6074.05 | 5485.58 | 253.09 | 588.53 | 2249.71 | 0.00 |
| 03-03-2025 | 364 | 6969.64 | 6329.92 | 290.40 | 639.80 | 2536.92 | 0.00 |
| 04-03-2025 | 358 | 7226.65 | 6568.13 | 301.11 | 658.56 | 2585.90 | 0.00 |
| 05-03-2025 | 368 | 7046.58 | 6407.92 | 293.61 | 638.72 | 2593.30 | 0.00 |
| 06-03-2025 | 366 | 7166.24 | 6515.78 | 298.59 | 650.50 | 2620.56 | 0.19 |
| 07-03-2025 | 370 | 7053.53 | 6410.47 | 293.90 | 643.10 | 2606.78 | 0.12 |
| 08-03-2025 | 354 | 7223.75 | 6572.63 | 300.99 | 651.16 | 2558.86 | 0.00 |

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| 09-03-2025 | 369 | 5848.80 | 5276.77 | 243.70 | 572.09 | 2155.73 | 0.00 |
| 10-03-2025 | 360 | 7162.81 | 6516.00 | 298.45 | 646.87 | 2579.57 | 0.07 |
| 11-03-2025 | 357 | 7187.44 | 6538.80 | 299.48 | 648.72 | 2569.30 | 0.00 |
| 12-03-2025 | 363 | 6904.95 | 6299.85 | 287.71 | 605.14 | 2503.10 | 0.05 |
| 13-03-2025 | 364 | 6158.46 | 5603.40 | 256.60 | 555.12 | 2238.84 | 1.20 |
| 14-03-2025 | 361 | 7121.05 | 6517.80 | 296.71 | 603.29 | 2571.22 | 0.00 |
| 15-03-2025 | 366 | 6711.22 | 6135.30 | 279.63 | 575.96 | 2458.27 | 0.00 |
| 16-03-2025 | 366 | 6888.75 | 6301.65 | 287.03 | 587.16 | 2521.18 | 0.00 |
| 17-03-2025 | 367 | 7128.04 | 6525.15 | 297.00 | 602.93 | 2616.94 | 0.00 |
| 18-03-2025 | 363 | 7212.17 | 6601.13 | 300.51 | 611.10 | 2618.59 | 0.00 |
| 19-03-2025 | 363 | 7092.18 | 6493.80 | 295.51 | 598.42 | 2572.78 | 0.31 |
| 20-03-2025 | 382 | 7042.33 | 6442.07 | 293.43 | 600.30 | 2686.75 | 0.00 |
| 21-03-2025 | 369 | 7182.95 | 6578.90 | 299.29 | 604.09 | 2654.04 | 0.00 |
| 22-03-2025 | 360 | 7174.11 | 6575.18 | 298.92 | 598.97 | 2585.06 | 0.00 |
| 23-03-2025 | 370 | 6462.24 | 5899.42 | 269.26 | 562.88 | 2390.40 | 0.00 |
| 24-03-2025 | 362 | 7202.23 | 6586.05 | 300.09 | 616.24 | 2603.86 | 0.00 |
| 25-03-2025 | 368 | 7068.28 | 6468.68 | 294.51 | 599.64 | 2597.64 | 0.00 |
| 26-03-2025 | 366 | 7190.69 | 6561.15 | 299.61 | 629.58 | 2628.86 | 0.00 |
| 27-03-2025 | 371 | 6325.52 | 5749.12 | 263.56 | 576.46 | 2348.11 | 0.00 |
| 28-03-2025 | 369 | 7049.10 | 6417.00 | 293.71 | 632.14 | 2601.74 | 0.00 |
| 29-03-2025 | 372 | 6993.29 | 6310.43 | 291.39 | 682.88 | 2599.08 | 0.00 |
| 30-03-2025 | 383 | 6366.42 | 5717.10 | 265.27 | 649.36 | 2439.72 | 0.10 |
| 31-03-2025 | 366 | 7228.55 | 6522.07 | 301.19 | 706.52 | 2645.93 | 0.00 |
| 01-04-2025 | 375 | 7142.11 | 6439.73 | 297.59 | 702.42 | 2674.75 | 0.00 |
| 02-04-2025 | 372 | 7137.60 | 6440.47 | 297.40 | 697.19 | 2657.40 | 0.00 |
| 03-04-2025 | 369 | 7233.58 | 6534.60 | 301.40 | 699.02 | 2670.91 | 0.00 |
| 04-04-2025 | 374 | 7076.80 | 6393.90 | 294.87 | 682.94 | 2643.24 | 0.00 |
| 05-04-2025 | 377 | 6801.99 | 6141.23 | 283.42 | 660.84 | 2566.90 | 0.00 |
| 06-04-2025 | 377 | 6337.54 | 5696.25 | 264.06 | 641.35 | 2389.25 | 0.00 |
| 07-04-2025 | 373 | 6893.92 | 6226.80 | 287.25 | 667.18 | 2573.66 | 0.00 |
| 08-04-2025 | 369 | 6991.88 | 6317.25 | 291.33 | 674.69 | 2576.98 | 0.00 |
| 09-04-2025 | 370 | 7133.95 | 6448.72 | 297.25 | 685.27 | 2640.60 | 0.00 |
| 10-04-2025 | 374 | 6924.90 | 6243.68 | 288.54 | 681.30 | 2587.22 | 0.00 |
| 11-04-2025 | 393 | 4153.24 | 3661.35 | 173.05 | 525.93 | 1631.09 | 6.58 |
| 21-04-2025 | 391 | 3082.94 | 2796.75 | 128.46 | 394.77 | 1206.43 | 71.50 |
| 22-04-2025 | 375 | 7094.46 | 6472.72 | 295.60 | 621.84 | 2658.14 | 0.00 |
| 23-04-2025 | 377 | 6923.59 | 6277.13 | 288.48 | 646.58 | 2611.44 | 0.00 |
| 24-04-2025 | 376 | 7163.98 | 6463.57 | 298.50 | 700.55 | 2695.99 | 0.00 |
| 25-04-2025 | 377 | 7139.81 | 6447.90 | 297.49 | 692.09 | 2688.89 | 0.00 |
| 26-04-2025 | 378 | 6818.15 | 6162.15 | 284.09 | 656.10 | 2578.90 | 0.00 |
| 27-04-2025 | 378 | 6291.28 | 5668.20 | 262.14 | 623.18 | 2376.74 | 0.00 |
| 28-04-2025 | 374 | 7084.52 | 6411.08 | 295.19 | 673.54 | 2652.26 | 0.00 |
| 29-04-2025 | 369 | 6871.19 | 6214.05 | 286.30 | 657.26 | 2538.19 | 0.00 |
| 30-04-2025 | 372 | 6944.78 | 6286.50 | 289.37 | 658.40 | 2582.90 | 0.00 |
| 01-05-2025 | 381 | 5400.90 | 4822.95 | 225.04 | 578.17 | 2060.06 | 0.00 |
| 02-05-2025 | 373 | 6283.60 | 5655.45 | 261.82 | 628.29 | 2342.04 | 0.00 |
| 03-05-2025 | 375 | 5650.37 | 5052.67 | 235.43 | 597.90 | 2117.95 | 0.00 |
| 04-05-2025 | 384 | 5240.64 | 4661.70 | 218.36 | 579.12 | 2014.75 | 0.00 |
| 05-05-2025 | 373 | 6565.17 | 5897.40 | 273.55 | 667.89 | 2446.22 | 0.07 |
| 06-05-2025 | 379 | 6034.58 | 5392.05 | 251.44 | 642.69 | 2287.66 | 0.00 |
| 07-05-2025 | 375 | 6594.39 | 5919.83 | 274.77 | 674.68 | 2471.45 | 0.00 |
| 08-05-2025 | 372 | 6509.96 | 5843.32 | 271.25 | 666.76 | 2422.63 | 0.00 |
| 09-05-2025 | 373 | 5145.84 | 4618.58 | 214.41 | 571.26 | 1918.01 | 5.62 |
| 19-05-2025 | 395 | 551.81 | 500.77 | 22.99 | 199.02 | 218.09 | 68.30 |
| 20-05-2025 | 374 | 6616.58 | 6020.70 | 275.69 | 596.08 | 2473.25 | 0.00 |
| 21-05-2025 | 369 | 6472.83 | 5840.55 | 269.70 | 632.46 | 2389.06 | 0.00 |
| 22-05-2025 | 370 | 6219.69 | 5571.08 | 259.15 | 648.81 | 2301.53 | 0.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 23-05-2025 | 378 | 6122.50 | 5480.77 | 255.10 | 641.91 | 2315.11 | 0.00 |
| 24-05-2025 | 373 | 6207.87 | 5566.80 | 258.66 | 641.29 | 2316.36 | 0.00 |
| 25-05-2025 | 381 | 4869.19 | 4296.30 | 202.88 | 573.15 | 1853.47 | 0.00 |
| 26-05-2025 | 372 | 6298.39 | 5651.85 | 262.43 | 646.74 | 2340.24 | 0.00 |
| 27-05-2025 | 373 | 6042.31 | 5404.43 | 251.76 | 638.08 | 2252.28 | 0.00 |
| 28-05-2025 | 373 | 5939.67 | 5305.27 | 247.49 | 634.66 | 2214.62 | 0.00 |
| 29-05-2025 | 375 | 5934.85 | 5302.35 | 247.29 | 632.70 | 2223.29 | 0.00 |
| 30-05-2025 | 383 | 4760.07 | 4186.65 | 198.34 | 573.74 | 1825.25 | 0.00 |
| 31-05-2025 | 384 | 4858.52 | 4279.65 | 202.44 | 579.13 | 1863.38 | 0.00 |
| 01-06-2025 | 388 | 4787.03 | 4208.55 | 199.46 | 578.70 | 1856.90 | 0.00 |
| 02-06-2025 | 388 | 5359.62 | 4751.48 | 223.32 | 608.34 | 2082.14 | 0.00 |
| 03-06-2025 | 379 | 5863.75 | 5230.05 | 244.32 | 633.94 | 2222.86 | 0.00 |
| 04-06-2025 | 372 | 6123.97 | 5478.45 | 255.17 | 645.76 | 2276.38 | 0.00 |
| 05-06-2025 | 372 | 6478.43 | 5823.07 | 269.93 | 655.54 | 2412.34 | 0.00 |
| 06-06-2025 | 367 | 6846.29 | 6167.25 | 285.26 | 679.24 | 2510.81 | 0.00 |
| 07-06-2025 | 368 | 6148.56 | 5499.00 | 256.19 | 649.90 | 2260.46 | 0.00 |
| 08-06-2025 | 384 | 5582.26 | 4970.40 | 232.59 | 612.16 | 2142.36 | 0.00 |
| 09-06-2025 | 376 | 5985.57 | 5342.10 | 249.40 | 643.75 | 2251.20 | 0.00 |
| 10-06-2025 | 389 | 4628.08 | 4091.18 | 192.84 | 537.32 | 1800.82 | 0.00 |
| 11-06-2025 | 386 | 4852.01 | 4284.37 | 202.17 | 568.04 | 1874.35 | 0.00 |
| 12-06-2025 | 379 | 5007.88 | 4438.65 | 208.66 | 569.55 | 1896.74 | 0.00 |
| 13-06-2025 | 384 | 5154.41 | 4574.55 | 214.77 | 613.68 | 1976.95 | 0.00 |
| 14-06-2025 | 390 | 5024.60 | 4445.55 | 209.36 | 579.05 | 1957.25 | 0.00 |
| 15-06-2025 | 399 | 4683.76 | 4130.70 | 195.16 | 553.06 | 1870.63 | 0.00 |
| 16-06-2025 | 400 | 4871.60 | 4305.15 | 202.98 | 566.45 | 1950.91 | 0.00 |
| 17-06-2025 | 389 | 5366.15 | 4769.40 | 223.59 | 596.75 | 2088.48 | 0.00 |
| 18-06-2025 | 389 | 5298.92 | 4723.80 | 220.79 | 575.12 | 2060.47 | 0.00 |
| 19-06-2025 | 387 | 5436.30 | 4874.40 | 226.51 | 561.90 | 2105.30 | 0.00 |
| 20-06-2025 | 372 | 6738.00 | 6113.55 | 280.75 | 624.45 | 2507.54 | 0.00 |
| 21-06-2025 | 375 | 6317.97 | 5718.60 | 263.25 | 599.37 | 2372.18 | 0.00 |
| 22-06-2025 | 389 | 5049.92 | 4488.83 | 210.41 | 561.09 | 1964.11 | 0.00 |
| 23-06-2025 | 381 | 5667.47 | 5061.97 | 236.14 | 605.50 | 2160.62 | 0.00 |
| 24-06-2025 | 373 | 6561.94 | 5895.60 | 273.41 | 666.34 | 2447.35 | 0.00 |
| 25-06-2025 | 374 | 6623.57 | 5952.75 | 275.98 | 670.82 | 2474.71 | 0.00 |
| 26-06-2025 | 374 | 6630.25 | 5949.53 | 276.26 | 680.72 | 2480.26 | 0.00 |
| 27-06-2025 | 377 | 6415.74 | 5748.60 | 267.32 | 667.14 | 2417.16 | 0.00 |
| 28-06-2025 | 378 | 6404.49 | 5732.47 | 266.85 | 672.02 | 2420.93 | 0.00 |
| 29-06-2025 | 378 | 6255.94 | 5643.15 | 260.66 | 612.79 | 2361.74 | 0.00 |
| 30-06-2025 | 379 | 6743.69 | 6135.38 | 280.99 | 608.31 | 2553.86 | 0.00 |
| 01-07-2025 | 373 | 6964.72 | 6346.80 | 290.20 | 617.92 | 2596.46 | 0.00 |
| 02-07-2025 | 372 | 6816.84 | 6208.65 | 284.04 | 608.19 | 2538.12 | 0.00 |
| 03-07-2025 | 371 | 7065.93 | 6447.60 | 294.41 | 618.33 | 2624.04 | 0.00 |
| 04-07-2025 | 371 | 6948.37 | 6288.00 | 289.52 | 660.37 | 2579.14 | 0.00 |
| 05-07-2025 | 369 | 7114.10 | 6406.42 | 296.42 | 707.68 | 2626.99 | 0.19 |
| 06-07-2025 | 376 | 6107.96 | 5460.68 | 254.50 | 647.28 | 2293.99 | 0.00 |
| 07-07-2025 | 370 | 7140.61 | 6431.85 | 297.53 | 708.76 | 2640.65 | 0.00 |
| 08-07-2025 | 374 | 6868.49 | 6166.27 | 286.19 | 702.22 | 2567.86 | 0.00 |
| 09-07-2025 | 373 | 7123.53 | 6402.60 | 296.81 | 720.93 | 2658.79 | 0.00 |
| 10-07-2025 | 383 | 6268.81 | 5612.63 | 261.20 | 656.18 | 2397.82 | 0.00 |
| 11-07-2025 | 382 | 6977.11 | 6268.27 | 290.71 | 708.84 | 2663.04 | 0.00 |
| 12-07-2025 | 380 | 6625.36 | 5943.75 | 276.06 | 681.61 | 2515.92 | 0.19 |
| 13-07-2025 | 374 | 1869.83 | 1688.18 | 77.91 | 301.33 | 698.42 | 1.80 |
| 22-08-2025 | 367 | 1884.19 | 1703.55 | 78.51 | 303.52 | 692.39 | 83.62 |
| 23-08-2025 | 394 | 5628.24 | 5097.75 | 234.51 | 531.39 | 2216.90 | 0.00 |
| 24-08-2025 | 416 | 6131.51 | 5575.14 | 255.48 | 557.25 | 2553.12 | 0.00 |
| 25-08-2025 | 383 | 6825.83 | 6217.71 | 284.41 | 608.94 | 2614.01 | 0.00 |
| 26-08-2025 | 384 | 6893.65 | 6281.92 | 287.24 | 612.59 | 2648.60 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 27-08-2025 | 371 | 1389.11 | 1264.88 | 57.88 | 258.31 | 515.23 | 1.01 |
| 07-09-2025 | 553 | 323.73 | 299.32 | 13.49 | 226.21 | 179.04 | 70.22 |
| 08-09-2025 | 372 | 6073.92 | 5519.10 | 253.08 | 555.68 | 2262.10 | 0.38 |
| 09-09-2025 | 368 | 6816.51 | 6235.28 | 284.02 | 582.09 | 2507.14 | 0.00 |
| 10-09-2025 | 372 | 6747.52 | 6175.80 | 281.15 | 572.54 | 2507.09 | 0.00 |
| 11-09-2025 | 364 | 6832.87 | 6207.67 | 284.70 | 626.04 | 2490.43 | 0.00 |
| 12-09-2025 | 378 | 6988.05 | 6312.83 | 291.17 | 676.10 | 2642.72 | 0.00 |
| 13-09-2025 | 400 | 6158.89 | 5539.80 | 256.62 | 619.91 | 2464.58 | 0.00 |
| 14-09-2025 | 392 | 6233.66 | 5600.85 | 259.74 | 633.63 | 2442.15 | 0.00 |
| 15-09-2025 | 376 | 7030.83 | 6347.32 | 292.95 | 684.31 | 2643.73 | 0.00 |
| 16-09-2025 | 376 | 6444.60 | 5817.30 | 268.53 | 649.24 | 2425.94 | 5.04 |
| 06-10-2025 | 350 | 469.22 | 432.15 | 19.55 | 217.15 | 164.09 | 100.08 |
| 07-10-2025 | 391 | 7014.30 | 6406.78 | 292.26 | 608.32 | 2741.45 | 0.00 |
| 08-10-2025 | 368 | 7048.04 | 6440.80 | 293.67 | 608.06 | 2590.30 | 0.00 |
| 09-10-2025 | 376 | 6809.56 | 6184.65 | 283.73 | 625.77 | 2558.50 | 0.00 |
| 10-10-2025 | 392 | 6722.58 | 6054.90 | 280.11 | 668.52 | 2634.61 | 0.00 |
| 11-10-2025 | 389 | 6841.61 | 6168.75 | 285.07 | 673.68 | 2660.69 | 0.00 |
| 12-10-2025 | 399 | 6145.71 | 5512.95 | 256.07 | 633.62 | 2453.82 | 0.00 |
| 13-10-2025 | 377 | 6905.71 | 6227.02 | 287.74 | 679.57 | 2605.99 | 0.00 |
| 14-10-2025 | 379 | 6367.76 | 5773.05 | 265.32 | 595.57 | 2411.47 | 0.00 |
| 15-10-2025 | 393 | 7138.30 | 6494.70 | 297.43 | 644.44 | 2806.34 | 0.17 |
| 16-10-2025 | 398 | 6772.03 | 6163.20 | 282.17 | 609.67 | 2692.26 | 0.10 |
| 17-10-2025 | 385 | 6989.51 | 6391.88 | 291.23 | 613.95 | 2692.22 | 0.00 |
| 18-10-2025 | 400 | 6277.46 | 5720.77 | 261.56 | 556.71 | 2510.06 | 0.55 |
| 19-10-2025 | 414 | 5999.35 | 5456.55 | 249.97 | 542.82 | 2482.09 | 0.00 |
| 20-10-2025 | 383 | 6755.19 | 6174.75 | 281.47 | 580.46 | 2585.11 | 0.34 |
| 21-10-2025 | 390 | 6621.55 | 6048.30 | 275.90 | 573.29 | 2581.03 | 0.00 |
| 22-10-2025 | 408 | 6545.06 | 5952.85 | 272.71 | 592.23 | 2669.64 | 0.00 |
| 23-10-2025 | 433 | 5663.00 | 5055.20 | 235.96 | 607.84 | 2450.30 | 0.15 |
| 24-10-2025 | 447 | 6219.14 | 5582.55 | 259.13 | 636.63 | 2781.86 | 0.02 |
| 25-10-2025 | 406 | 6481.69 | 5826.23 | 270.07 | 655.48 | 2632.20 | 0.00 |
| 26-10-2025 | 430 | 5535.83 | 4929.15 | 230.66 | 606.70 | 2379.20 | 0.00 |
| 27-10-2025 | 413 | 6296.55 | 5652.07 | 262.36 | 644.52 | 2602.12 | 0.00 |
| 28-10-2025 | 401 | 6729.01 | 6067.80 | 280.38 | 661.25 | 2701.64 | 0.00 |
| 29-10-2025 | 395 | 6589.96 | 5930.63 | 274.58 | 659.35 | 2605.25 | 0.00 |
| 30-10-2025 | 421 | 6765.10 | 6091.05 | 281.88 | 674.07 | 2847.98 | 0.02 |
| 31-10-2025 | 416 | 6864.53 | 6194.55 | 286.02 | 670.00 | 2852.32 | 0.00 |
| 01-11-2025 | 405 | 6421.06 | 5788.42 | 267.54 | 632.66 | 2598.19 | 0.00 |
| 02-11-2025 | 413 | 6294.59 | 5655.98 | 262.27 | 638.63 | 2600.70 | 0.00 |
| 03-11-2025 | 393 | 6564.51 | 5909.77 | 273.52 | 654.76 | 2578.15 | 0.00 |
| 04-11-2025 | 412 | 7005.41 | 6324.68 | 291.89 | 680.73 | 2885.13 | 0.00 |
| 05-11-2025 | 425 | 6369.10 | 5767.65 | 265.38 | 601.45 | 2707.50 | 0.15 |
| 06-11-2025 | 420 | 7147.65 | 6523.87 | 297.82 | 623.78 | 3003.76 | 0.00 |
| 07-11-2025 | 381 | 7163.38 | 6538.73 | 298.47 | 624.65 | 2729.11 | 0.00 |
| 08-11-2025 | 403 | 6935.72 | 6326.02 | 288.99 | 609.70 | 2794.22 | 0.00 |
| 09-11-2025 | 394 | 6216.73 | 5655.30 | 259.03 | 561.43 | 2447.88 | 0.00 |
| 10-11-2025 | 408 | 7094.79 | 6498.23 | 295.62 | 596.56 | 2894.16 | 0.00 |
| 11-11-2025 | 406 | 7094.64 | 6497.85 | 295.61 | 596.79 | 2876.91 | 0.00 |
| 12-11-2025 | 386 | 7168.47 | 6568.27 | 298.69 | 600.20 | 2768.38 | 0.00 |
| 13-11-2025 | 369 | 7193.76 | 6595.28 | 299.74 | 598.48 | 2651.16 | 0.00 |
| 14-11-2025 | 365 | 6530.09 | 5970.15 | 272.09 | 559.94 | 2384.74 | 0.00 |
| 15-11-2025 | 385 | 7005.68 | 6396.52 | 291.90 | 609.16 | 2699.78 | 0.00 |
| 16-11-2025 | 392 | 6464.76 | 5846.03 | 269.37 | 618.73 | 2536.41 | 0.00 |
| 17-11-2025 | 396 | 7098.48 | 6452.62 | 295.77 | 645.86 | 2809.13 | 0.00 |
| 18-11-2025 | 391 | 5923.36 | 5304.53 | 246.81 | 618.83 | 2316.31 | 0.00 |
| 19-11-2025 | 402 | 5325.94 | 4731.15 | 221.91 | 594.79 | 2139.36 | 0.00 |
| 20-11-2025 | 385 | 5694.89 | 5072.55 | 237.29 | 622.34 | 2189.86 | 0.17 |

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|---|---|---|---|---|---|---|---|
| 21-11-2025 | 410 | 5376.99 | 4773.82 | 224.04 | 603.17 | 2201.95 | 0.03 |
| 22-11-2025 | 407 | 5487.21 | 4864.28 | 228.63 | 622.93 | 2231.94 | 0.00 |
| 23-11-2025 | 405 | 5371.65 | 4756.50 | 223.82 | 615.15 | 2173.50 | 0.00 |
| 24-11-2025 | 392 | 6188.04 | 5531.62 | 257.84 | 656.42 | 2427.94 | 0.00 |
| 25-11-2025 | 383 | 6048.10 | 5403.90 | 252.00 | 644.20 | 2314.63 | 0.00 |
| 26-11-2025 | 410 | 6520.78 | 5849.55 | 271.70 | 671.23 | 2671.00 | 0.00 |
| 27-11-2025 | 410 | 5740.26 | 5124.15 | 239.18 | 616.11 | 2356.17 | 0.00 |
| 28-11-2025 | 399 | 4497.83 | 3943.65 | 187.41 | 554.18 | 1796.45 | 0.00 |
| 29-11-2025 | 498 | 363.48 | 321.75 | 15.15 | 41.73 | 181.03 | 5.20 |
| 01-12-2025 | 267 | 58.41 | 57.83 | 2.43 | 209.07 | 15.60 | 45.02 |
| 02-12-2025 | 392 | 5675.76 | 5069.10 | 236.49 | 643.64 | 2225.33 | 2.40 |
| 03-12-2025 | 424 | 6043.16 | 5374.42 | 251.80 | 668.74 | 2564.45 | 0.02 |
| 04-12-2025 | 437 | 5772.92 | 5147.33 | 240.54 | 625.59 | 2520.22 | 0.00 |
| 05-12-2025 | 419 | 5762.57 | 5123.55 | 240.11 | 639.02 | 2416.39 | 0.00 |
| 06-12-2025 | 390 | 6151.39 | 5491.95 | 256.31 | 659.44 | 2396.50 | 0.00 |
| 07-12-2025 | 413 | 6225.60 | 5569.05 | 259.40 | 656.55 | 2568.91 | 0.00 |
| 08-12-2025 | 389 | 5916.23 | 5264.17 | 246.51 | 652.06 | 2301.34 | 2.81 |
| 09-12-2025 | 377 | 7185.89 | 6471.00 | 299.41 | 714.89 | 2712.43 | 0.00 |
| 10-12-2025 | 405 | 7149.70 | 6454.88 | 297.90 | 694.82 | 2892.25 | 0.00 |
| 11-12-2025 | 392 | 7112.27 | 6420.07 | 296.34 | 692.20 | 2788.55 | 0.00 |
| 12-12-2025 | 408 | 5910.40 | 5291.25 | 246.27 | 619.15 | 2412.27 | 0.00 |
| 13-12-2025 | 381 | 6331.28 | 5682.30 | 263.80 | 648.98 | 2414.21 | 0.00 |
| 14-12-2025 | 389 | 5611.10 | 4996.58 | 233.80 | 614.52 | 2183.98 | 0.00 |
| 15-12-2025 | 406 | 6659.33 | 5975.92 | 277.47 | 683.41 | 2706.38 | 0.00 |
| 16-12-2025 | 419 | 6236.25 | 5586.45 | 259.84 | 649.80 | 2615.89 | 0.00 |
| 17-12-2025 | 376 | 7069.76 | 6369.98 | 294.57 | 699.78 | 2658.48 | 0.00 |
| 18-12-2025 | 373 | 7159.71 | 6457.72 | 298.32 | 701.99 | 2667.94 | 0.00 |
| 19-12-2025 | 411 | 6420.41 | 5759.85 | 267.52 | 660.56 | 2640.19 | 0.00 |
| 20-12-2025 | 414 | 5024.50 | 4480.65 | 209.35 | 544.44 | 2078.50 | 92.33 |

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UNIT 01

Coal Consumed per KWh > 0.379

| Date | Gross Energy Generated (MWh) | Aux. Power Consumed (MWh) | Fuel Consumed (Coal) Tons | Fuel Consumed (Diesel) Tons | Coal Cosumed (Kg) per KWh | As per Daily Power System Report | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Night Peak (MW) | Available Capacity (MW)1 | Remarks |
| 22.11.2025 | 5,487.21 | 622.93 | 2,231.94 | - | 0.407 | 277 | 270 | - |
| 14.09.2025 | 6,233.66 | 633.63 | 2,442.35 | - | 0.392 | 276 | 270 | - |
| 10.11.2025 | 7,094.79 | 596.56 | 2,894.16 | - | 0.408 | 276 | 270 | - |
| 23.08.2025 | 5,628.24 | 531.39 | 2,216.90 | - | 0.394 | 275 | 270 | - |
| 26.08.2025 | 6,893.65 | 612.59 | 2,648.60 | - | 0.384 | 275 | 0 | Boiler tube steam leak |
| 12.11.2025 | 7,168.47 | 600.20 | 2,768.38 | - | 0.386 | 275 | 270 | - |
| 19.11.2025 | 5,325.94 | 594.79 | 2,139.36 | - | 0.402 | 275 | 270 | - |
| 06.12.2025 | 6,151.39 | 659.44 | 2,396.60 | - | 0.390 | 275 | 270 | - |
| 24.01.2025 | 7,081.91 | 569.96 | 2,736.17 | - | 0.386 | 274 | 270 | - |
| 25.01.2025 | 7,115.40 | 566.10 | 2,750.57 | - | 0.387 | 274 | 270 | - |
| 21.04.2025 | 3,082.94 | 394.77 | 1,206.43 | 71.50 | 0.391 | 274 | 270 | - |
| 25.08.2025 | 6,825.83 | 608.94 | 2,614.01 | - | 0.383 | 274 | 270 | - |
| 20.10.2025 | 6,755.19 | 580.46 | 2,585.11 | 0.34 | 0.383 | 274 | 270 | - |
| 24.11.2025 | 6,188.04 | 656.42 | 2,427.94 | - | 0.392 | 274 | 270 | - |
| 03.12.2025 | 6,043.16 | 668.74 | 2,564.48 | 0.02 | 0.424 | 274 | 270 | - |
| 18.06.2025 | 5,298.92 | 575.12 | 2,060.47 | - | 0.389 | 273 | 270 | - |
| 24.08.2025 | 6,131.51 | 557.25 | 2,553.12 | - | 0.416 | 273 | 270 | - |
| 07.12.2025 | 6,225.60 | 656.55 | 2,568.91 | - | 0.413 | 273 | 270 | - |
| 15.12.2025 | 6,659.33 | 683.41 | 2,706.38 | - | 0.406 | 273 | 270 | - |
| 23.01.2025 | 7,020.05 | 558.58 | 2,705.18 | - | 0.385 | 272 | 270 | - |
| 28.01.2025 | 6,728.19 | 560.77 | 2,566.34 | 4.56 | 0.381 | 272 | 0 | Steam leakage of the feed water pump B outlet valve |
| 20.03.2025 | 7,042.33 | 600.30 | 2,686.75 | - | 0.382 | 272 | 270 | - |
| 13.09.2025 | 6,158.89 | 619.91 | 2,464.58 | - | 0.400 | 272 | 270 | - |
| 07.10.2025 | 7,014.30 | 608.32 | 2,741.45 | - | 0.391 | 272 | 270 | - |
| 22.10.2025 | 6,545.06 | 592.23 | 2,660.64 | - | 0.408 | 272 | 270 | - |
| 28.10.2025 | 6,729.01 | 661.25 | 2,701.64 | - | 0.401 | 272 | 270 | - |
| 06.11.2025 | 7,147.65 | 623.78 | 3,003.76 | - | 0.420 | 272 | 270 | - |
| 08.11.2025 | 6,935.72 | 609.70 | 2,794.22 | - | 0.403 | 272 | 270 | - |
| 13.12.2025 | 6,331.28 | 648.98 | 2,414.21 | - | 0.381 | 272 | 270 | - |
| 26.01.2025 | 6,226.51 | 522.68 | 2,391.86 | - | 0.384 | 271 | 270 | - |
| 19.06.2025 | 5,436.30 | 561.90 | 2,105.30 | - | 0.387 | 271 | 270 | - |
| 16.10.2025 | 6,772.03 | 609.67 | 2,692.26 | 0.10 | 0.398 | 271 | 270 | - |
| 18.10.2025 | 6,277.46 | 556.71 | 2,510.06 | 0.55 | 0.400 | 271 | 270 | - |
| 20.12.2025 | 5,024.50 | 544.44 | 2,078.50 | 92.33 | 0.414 | 271 | 270 | Boiler tube leakage |
| 01.05.2025 | 5,400.90 | 578.17 | 2,060.06 | - | 0.381 | 270 | 270 | - |
| 04.05.2025 | 5,240.64 | 579.12 | 2,014.75 | - | 0.384 | 270 | 270 | - |
| 31.05.2025 | 4,858.52 | 579.15 | 1,863.38 | - | 0.384 | 270 | 270 | - |
| 11.06.2025 | 4,852.01 | 568.04 | 1,874.35 | - | 0.386 | 270 | 270 | - |
| 15.06.2025 | 4,683.76 | 553.06 | 1,870.63 | - | 0.399 | 270 | 270 | - |
| 17.10.2025 | 6,989.51 | 613.95 | 2,692.22 | - | 0.385 | 270 | 270 | - |
| 29.10.2025 | 6,589.96 | 659.35 | 2,605.25 | - | 0.395 | 270 | 270 | - |
| 30.10.2025 | 6,765.10 | 674.07 | 2,847.98 | 0.02 | 0.421 | 270 | 270 | - |
| 31.10.2025 | 6,864.53 | 670.00 | 2,852.32 | - | 0.416 | 270 | 270 | - |
| 01.11.2025 | 6,421.06 | 632.66 | 2,598.19 | - | 0.405 | 270 | 270 | - |
| 02.11.2025 | 6,294.59 | 638.63 | 2,600.70 | - | 0.413 | 270 | 270 | - |
| 15.11.2025 | 7,005.62 | 609.16 | 2,699.78 | - | 0.385 | 270 | 270 | - |
| 27.11.2025 | 5,740.26 | 616.11 | 2,356.17 | - | 0.410 | 270 | 270 | - |
| 14.12.2025 | 5,611.10 | 614.52 | 2,183.98 | - | 0.389 | 270 | 270 | - |
| 25.05.2025 | 4,869.19 | 573.15 | 1,853.47 | - | 0.381 | 269 | 270 | - |
| 14.06.2025 | 5,024.60 | 579.05 | 1,957.25 | - | 0.390 | 269 | 270 | - |
| 10.10.2025 | 6,722.58 | 668.52 | 2,634.61 | - | 0.392 | 269 | 270 | Restricted cyclic mill operation |
| 15.10.2025 | 7,138.30 | 644.44 | 2,806.34 | 0.17 | 0.393 | 269 | 270 | - |
| 09.11.2025 | 6,216.73 | 561.43 | 2,447.88 | - | 0.394 | 269 | 270 | - |
| 11.11.2025 | 7,094.64 | 596.79 | 2,876.91 | - | 0.406 | 269 | 270 | - |
| 16.11.2025 | 6,444.76 | 598.73 | 2,536.41 | - | 0.394 | 269 | 270 | - |
| 17.11.2025 | 7,098.48 | 645.86 | 2,809.13 | - | 0.396 | 269 | 270 | - |
| 20.11.2025 | 5,694.89 | 622.34 | 2,189.86 | 0.17 | 0.385 | 269 | 270 | - |
| 26.11.2025 | 6,520.78 | 671.23 | 2,671.00 | - | 0.410 | 269 | 270 | - |
| 10.12.2025 | 7,149.70 | 694.82 | 2,892.25 | - | 0.405 | 269 | 270 | - |
| 16.12.2025 | 6,236.25 | 649.80 | 2,615.89 | - | 0.419 | 269 | 270 | - |
| 19.12.2025 | 6,420.41 | 660.56 | 2,640.19 | - | 0.411 | 269 | 270 | - |
| 22.01.2025 | 6,888.80 | 570.95 | 2,639.30 | - | 0.383 | 268 | 270 | - |
| 22.06.2025 | 5,049.92 | 561.09 | 1,964.11 | - | 0.389 | 268 | 270 | - |
| 12.07.2025 | 6,625.36 | 681.61 | 2,515.92 | 0.19 | 0.380 | 268 | 270 | Operating under vacuum pressure issue investigation |
| 07.11.2025 | 7,163.38 | 624.65 | 2,729.11 | - | 0.381 | 268 | 270 | - |
| 25.11.2025 | 6,048.10 | 644.20 | 2,314.63 | - | 0.383 | 268 | 270 | - |
| 11.12.2025 | 7,112.27 | 692.20 | 2,788.55 | - | 0.392 | 268 | 270 | - |
| 08.06.2025 | 5,582.26 | 612.16 | 2,142.56 | - | 0.384 | 267 | 270 | - |

| Date | Gross Energy Generated (MWh) | Aux. Power Consumed (MWh) | Fuel Consumed (Coal) Tons | Fuel Consumed (Diesel) Tons | Coal Coumed (Kg) per KWh | Night Peak (MW) | Available Capacity (MW)1 | Remarks |
|---|---|---|---|---|---|---|---|---|
| 23.06.2025 | 5,667.46 | 605.50 | 2,160.62 | - | 0.381 | 267 | 270 | - |
| 11.10.2025 | 6,841.61 | 673.68 | 2,660.69 | - | 0.389 | 267 | 270 | Restricted cyclic mill operation |
| 04.11.2025 | 7,005.41 | 680.73 | 2,885.13 | - | 0.412 | 267 | 270 | - |
| 05.11.2025 | 6,369.10 | 601.45 | 2,707.50 | 0.15 | 0.425 | 267 | 270 | - |
| 21.11.2025 | 5,376.99 | 603.17 | 2,201.95 | 0.03 | 0.410 | 267 | 270 | - |
| 08.12.2025 | 5,916.23 | 652.06 | 2,301.34 | 2.81 | 0.389 | 267 | 270 | - |
| 12.12.2025 | 5,910.00 | 619.55 | 2,412.27 | - | 0.408 | 267 | 270 | - |
| 30.03.2025 | 6,366.42 | 649.36 | 2,439.72 | 0.10 | 0.383 | 266 | 270 | - |
| 02.06.2025 | 5,359.62 | 608.34 | 2,082.14 | - | 0.388 | 266 | 270 | - |
| 17.06.2025 | 5,366.15 | 596.75 | 2,088.48 | - | 0.389 | 266 | 270 | - |
| 12.10.2025 | 6,145.71 | 633.62 | 2,453.82 | - | 0.399 | 266 | 270 | - |
| 27.10.2025 | 6,296.55 | 644.52 | 2,602.12 | - | 0.413 | 266 | 270 | NP availability was 266MW |
| 05.12.2025 | 5,762.57 | 639.02 | 2,416.39 | - | 0.419 | 266 | 270 | - |
| 01.06.2025 | 4,787.03 | 578.70 | 1,856.90 | - | 0.388 | 265 | 270 | - |
| 16.06.2025 | 4,871.60 | 566.45 | 1,950.91 | - | 0.400 | 265 | 270 | - |
| 10.07.2025 | 6,268.81 | 656.18 | 2,397.82 | - | 0.383 | 265 | 270 | Operating under vacuum pressure issue investigation |
| 11.07.2025 | 6,977.11 | 708.84 | 2,663.04 | - | 0.382 | 265 | 270 | Operating under vacuum pressure issue investigation |
| 21.10.2025 | 6,621.55 | 573.29 | 2,581.03 | - | 0.390 | 265 | 270 | - |
| 18.11.2025 | 5,923.36 | 618.83 | 2,316.31 | - | 0.391 | 265 | 270 | - |
| 02.12.2025 | 5,675.76 | 643.64 | 2,225.33 | 2.40 | 0.392 | 265 | 270 | - |
| 04.12.2025 | 5,772.92 | 625.59 | 2,520.22 | - | 0.437 | 265 | 270 | - |
| 23.11.2025 | 5,371.65 | 615.15 | 2,173.50 | - | 0.405 | 264 | 270 | - |
| 25.10.2025 | 6,481.59 | 655.48 | 2,632.20 | - | 0.406 | 263 | 270 | NP availability was 263MW |
| 26.10.2025 | 5,535.83 | 606.70 | 2,379.20 | - | 0.430 | 263 | 270 | NP availability was 263MW |
| 13.06.2025 | 5,154.41 | 599.26 | 1,976.95 | - | 0.384 | 260 | 200 | Condenser vacuum issue |
| 19.10.2025 | 5,999.35 | 542.82 | 2,482.09 | - | 0.414 | 260 | 270 | - |
| 03.11.2025 | 6,564.51 | 654.76 | 2,578.15 | - | 0.393 | 260 | 270 | NP availability was 260MW due to coal quality issue |
| 23.10.2025 | 5,663.00 | 607.84 | 2,450.30 | 0.15 | 0.433 | 256 | 270 | NP availability was 256MW |
| 24.10.2025 | 6,219.14 | 636.63 | 2,781.86 | 0.02 | 0.447 | 249 | 270 | NP availability was 249MW |
| 28.11.2025 | 4,497.83 | 554.18 | 1,796.45 | - | 0.399 | 243 | 270 | - |
| 10.06.2025 | 4,628.08 | 537.32 | 1,800.82 | - | 0.389 | 219 | 270 | - |
| 30.05.2025 | 4,760.07 | 573.74 | 1,825.25 | - | 0.383 | 215 | 270 | - |
| 11.04.2025 | 4,353.24 | 525.93 | 1,631.09 | 6.58 | 0.393 | 207 | 0 | APH motor replacement |
| 19.05.2025 | 551.81 | 199.02 | 218.09 | 68.30 | 0.395 | 0 | 270 | - |
| 07.09.2025 | 323.73 | 226.21 | 179.04 | 70.22 | 0.553 | 0 | 270 | NP availability was 0MW |
| 29.11.2025 | 363.48 | 215.84 | 181.03 | 5.20 | 0.498 | 0 | 270 | - |

| Unit 02 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Date | Coal Rate (g/kWh) | Energy MWh | | Capacity MW | Auxilary Consumption (MWh) | Coal Consumption (Tons) | Oil Consumption (Tons) |
| | | Gross Energy Generated | Net Energy Sent Out | | | | |
| 01-01-2020 | 373 | 7180.00 | 6456.00 | 299.17 | 724.00 | 2676.74 | 0.00 |
| 02-01-2020 | 374 | 7161.59 | 6467.00 | 298.40 | 694.59 | 2676.60 | 0.00 |
| 03-01-2020 | 369 | 7162.12 | 6458.00 | 298.42 | 704.12 | 2643.72 | 0.00 |
| 04-01-2020 | 368 | 7179.50 | 6470.00 | 299.15 | 709.50 | 2638.92 | 0.00 |
| 05-01-2020 | 369 | 7085.72 | 6412.00 | 295.24 | 673.72 | 2617.46 | 0.58 |
| 06-01-2020 | 371 | 7153.57 | 6457.00 | 298.07 | 696.57 | 2657.02 | 0.00 |
| 07-01-2020 | 370 | 7170.75 | 6474.00 | 298.78 | 696.75 | 2655.55 | 0.00 |
| 08-01-2020 | 370 | 7151.53 | 6463.00 | 297.98 | 688.53 | 2646.62 | 0.00 |
| 09-01-2020 | 370 | 7160.90 | 6465.00 | 298.37 | 695.90 | 2652.46 | 0.00 |
| 10-01-2020 | 372 | 7165.63 | 6468.00 | 298.57 | 697.63 | 2663.30 | 0.00 |
| 11-01-2020 | 371 | 7152.78 | 6462.00 | 298.03 | 690.78 | 2657.09 | 0.00 |
| 12-01-2020 | 371 | 7153.16 | 6466.00 | 298.05 | 687.16 | 2654.30 | 0.00 |
| 13-01-2020 | 370 | 7166.03 | 6488.00 | 298.58 | 678.03 | 2651.02 | 0.00 |
| 14-01-2020 | 368 | 7153.06 | 6459.00 | 298.04 | 694.06 | 2630.33 | 0.00 |
| 15-01-2020 | 365 | 7171.09 | 6455.00 | 298.80 | 716.09 | 2614.49 | 0.00 |
| 16-01-2020 | 369 | 7122.78 | 6447.00 | 296.78 | 675.78 | 2625.98 | 0.00 |
| 17-01-2020 | 369 | 7169.66 | 6473.00 | 298.74 | 696.66 | 2645.62 | 0.00 |
| 18-01-2020 | 370 | 7119.56 | 6425.00 | 296.65 | 694.56 | 2632.73 | 0.00 |
| 19-01-2020 | 368 | 7152.82 | 6482.00 | 298.03 | 670.82 | 2629.82 | 0.00 |
| 20-01-2020 | 366 | 7165.56 | 6470.00 | 298.57 | 695.56 | 2622.02 | 0.62 |
| 21-01-2020 | 367 | 7153.00 | 6461.00 | 298.04 | 692.00 | 2627.26 | 0.00 |
| 22-01-2020 | 366 | 7152.75 | 6454.00 | 298.03 | 698.75 | 2615.57 | 0.00 |
| 23-01-2020 | 371 | 7170.44 | 6473.00 | 298.77 | 697.44 | 2663.11 | 0.00 |
| 24-01-2020 | 368 | 7148.81 | 6447.00 | 297.87 | 701.81 | 2628.43 | 0.02 |
| 25-01-2020 | 367 | 7165.75 | 6454.00 | 298.57 | 711.75 | 2627.88 | 0.00 |
| 26-01-2020 | 369 | 7128.69 | 6415.00 | 297.03 | 713.69 | 2631.36 | 0.00 |
| 27-01-2020 | 371 | 7110.87 | 6377.00 | 296.29 | 733.87 | 2638.54 | 0.00 |
| 28-01-2020 | 366 | 7152.81 | 6458.00 | 298.03 | 694.81 | 2620.73 | 0.00 |
| 29-01-2020 | 365 | 7152.69 | 6438.00 | 298.03 | 714.69 | 2613.65 | 0.00 |
| 30-01-2020 | 366 | 7168.88 | 6439.00 | 298.70 | 729.88 | 2620.82 | 0.00 |
| 31-01-2020 | 367 | 7152.12 | 6457.00 | 298.01 | 695.12 | 2623.82 | 0.00 |
| 01-02-2020 | 367 | 7153.69 | 6449.00 | 298.07 | 704.69 | 2625.48 | 0.00 |
| 02-02-2020 | 368 | 7166.00 | 6461.00 | 298.58 | 705.00 | 2635.94 | 0.00 |
| 03-02-2020 | 370 | 7148.25 | 6443.00 | 297.84 | 705.25 | 2645.14 | 0.00 |
| 04-02-2020 | 368 | 7162.25 | 6459.00 | 298.43 | 703.25 | 2638.22 | 0.00 |
| 05-02-2020 | 364 | 7153.12 | 6457.00 | 298.05 | 696.12 | 2600.52 | 0.60 |
| 06-02-2020 | 365 | 7166.50 | 6471.00 | 298.60 | 695.50 | 2614.68 | 0.00 |
| 07-02-2020 | 369 | 7152.69 | 6456.00 | 298.03 | 696.69 | 2635.94 | 0.00 |
| 08-02-2020 | 365 | 7169.31 | 6458.00 | 298.72 | 711.31 | 2617.10 | 0.00 |
| 09-02-2020 | 366 | 7133.44 | 6456.00 | 297.23 | 677.44 | 2609.59 | 0.00 |
| 10-02-2020 | 366 | 7143.75 | 6443.00 | 297.66 | 700.75 | 2613.48 | 0.00 |
| 11-02-2020 | 364 | 7169.50 | 6465.00 | 298.73 | 704.50 | 2610.98 | 0.00 |
| 12-02-2020 | 367 | 7148.69 | 6445.00 | 297.86 | 703.69 | 2621.40 | 0.00 |
| 13-02-2020 | 365 | 7170.19 | 6455.00 | 298.76 | 715.19 | 2616.10 | 0.00 |
| 14-02-2020 | 366 | 7147.31 | 6465.00 | 297.80 | 682.31 | 2618.40 | 0.00 |
| 15-02-2020 | 365 | 7153.19 | 6456.00 | 298.05 | 697.19 | 2612.09 | 0.00 |
| 16-02-2020 | 369 | 7164.68 | 6469.00 | 298.53 | 695.68 | 2644.66 | 0.00 |
| 17-02-2020 | 369 | 7152.50 | 6458.00 | 298.02 | 694.50 | 2636.09 | 0.00 |
| 18-02-2020 | 366 | 7161.75 | 6478.00 | 298.41 | 683.75 | 2621.78 | 0.00 |
| 19-02-2020 | 365 | 7153.13 | 6465.00 | 298.05 | 688.13 | 2614.34 | 0.00 |
| 20-02-2020 | 365 | 7169.75 | 6467.00 | 298.74 | 702.75 | 2614.61 | 0.43 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 21-02-2020 | 369 | 7148.69 | 6486.00 | 297.86 | 662.69 | 2634.67 | 0.00 |
| 22-02-2020 | 365 | 7165.56 | 6493.00 | 298.57 | 672.56 | 2617.13 | 0.00 |
| 23-02-2020 | 367 | 7150.06 | 6470.00 | 297.92 | 680.06 | 2621.26 | 0.00 |
| 24-02-2020 | 364 | 7165.13 | 6478.00 | 298.55 | 687.13 | 2604.79 | 0.00 |
| 25-02-2020 | 365 | 7153.25 | 6459.00 | 298.05 | 694.25 | 2613.65 | 0.00 |
| 26-02-2020 | 365 | 7152.68 | 6462.00 | 298.03 | 690.68 | 2611.92 | 0.00 |
| 27-02-2020 | 364 | 7169.75 | 6468.00 | 298.74 | 701.75 | 2610.02 | 0.00 |
| 28-02-2020 | 364 | 7160.38 | 6478.00 | 298.35 | 682.38 | 2609.59 | 0.00 |
| 29-02-2020 | 367 | 7147.31 | 6483.00 | 297.80 | 664.31 | 2621.18 | 0.00 |
| 01-03-2020 | 367 | 7153.13 | 6471.00 | 298.05 | 682.13 | 2624.47 | 0.00 |
| 02-03-2020 | 362 | 7166.50 | 6472.00 | 298.60 | 694.50 | 2592.67 | 0.00 |
| 03-03-2020 | 364 | 7153.50 | 6462.00 | 298.06 | 691.50 | 2603.98 | 0.00 |
| 04-03-2020 | 366 | 7163.93 | 6470.00 | 298.50 | 693.93 | 2620.92 | 0.00 |
| 05-03-2020 | 366 | 7153.13 | 6466.00 | 298.05 | 687.13 | 2614.85 | 0.26 |
| 06-03-2020 | 365 | 7153.00 | 6453.00 | 298.04 | 700.00 | 2610.19 | 0.00 |
| 07-03-2020 | 369 | 7169.50 | 6467.00 | 298.73 | 702.50 | 2643.24 | 0.00 |
| 08-03-2020 | 371 | 7153.12 | 6464.00 | 298.05 | 689.12 | 2650.75 | 0.00 |
| 09-03-2020 | 370 | 7152.07 | 6471.00 | 298.00 | 681.07 | 2649.00 | 0.00 |
| 10-03-2020 | 363 | 7165.06 | 6478.00 | 298.54 | 687.06 | 2602.15 | 0.00 |
| 11-03-2020 | 367 | 7151.81 | 6462.00 | 297.99 | 689.81 | 2625.77 | 0.00 |
| 12-03-2020 | 369 | 7165.75 | 6473.00 | 298.57 | 692.75 | 2641.10 | 0.00 |
| 13-03-2020 | 367 | 7152.75 | 6459.00 | 298.03 | 693.75 | 2626.10 | 0.00 |
| 14-03-2020 | 367 | 7152.81 | 6447.00 | 298.03 | 705.81 | 2624.11 | 0.00 |
| 15-03-2020 | 363 | 7164.88 | 6470.00 | 298.54 | 694.88 | 2599.03 | 0.00 |
| 16-03-2020 | 367 | 7161.56 | 6466.00 | 298.40 | 695.56 | 2631.62 | 0.00 |
| 17-03-2020 | 367 | 7148.25 | 6451.00 | 297.84 | 697.25 | 2621.76 | 0.00 |
| 18-03-2020 | 366 | 7160.94 | 6455.00 | 298.37 | 705.94 | 2620.90 | 0.00 |
| 19-03-2020 | 365 | 7171.00 | 6453.00 | 298.79 | 718.00 | 2615.47 | 0.00 |
| 20-03-2020 | 364 | 7150.56 | 6463.00 | 297.94 | 687.56 | 2605.06 | 0.67 |
| 21-03-2020 | 362 | 7105.38 | 6420.00 | 296.06 | 685.38 | 2574.74 | 0.00 |
| 22-03-2020 | 365 | 7137.93 | 6494.00 | 297.41 | 643.93 | 2608.39 | 0.00 |
| 23-03-2020 | 366 | 7123.38 | 6419.00 | 296.81 | 704.38 | 2608.63 | 0.00 |
| 24-03-2020 | 366 | 7062.37 | 6344.00 | 294.27 | 718.37 | 2581.82 | 0.00 |
| 25-03-2020 | 369 | 6928.75 | 6246.00 | 288.70 | 682.75 | 2554.18 | 0.00 |
| 26-03-2020 | 369 | 6907.32 | 6212.00 | 287.81 | 695.32 | 2545.34 | 0.00 |
| 27-03-2020 | 368 | 7041.62 | 6340.00 | 293.40 | 701.62 | 2589.48 | 0.00 |
| 28-03-2020 | 377 | 7059.31 | 6350.00 | 294.14 | 709.31 | 2658.34 | 0.00 |
| 29-03-2020 | 371 | 7005.32 | 6336.00 | 291.89 | 669.32 | 2598.70 | 0.00 |
| 30-03-2020 | 363 | 7090.31 | 6398.00 | 295.43 | 692.31 | 2575.73 | 0.00 |
| 31-03-2020 | 363 | 7009.56 | 6326.00 | 292.07 | 683.56 | 2546.83 | 0.00 |
| 01-04-2020 | 364 | 7074.63 | 6383.00 | 294.78 | 691.63 | 2577.98 | 0.00 |
| 02-04-2020 | 358 | 5342.00 | 4754.00 | 222.58 | 588.00 | 1914.10 | 37.56 |
| 03-04-2020 | 364 | 7036.25 | 6348.00 | 293.18 | 688.25 | 2561.57 | 0.00 |
| 04-04-2020 | 365 | 6952.37 | 6256.00 | 289.68 | 696.37 | 2540.26 | 0.00 |
| 05-04-2020 | 364 | 6798.13 | 6091.00 | 283.26 | 707.13 | 2475.38 | 0.74 |
| 06-04-2020 | 366 | 7037.75 | 6347.00 | 293.24 | 690.75 | 2575.39 | 0.00 |
| 07-04-2020 | 363 | 7161.00 | 6455.00 | 298.38 | 706.00 | 2595.94 | 0.00 |
| 08-04-2020 | 365 | 7073.87 | 6368.00 | 294.74 | 705.87 | 2582.47 | 0.00 |
| 09-04-2020 | 364 | 7077.88 | 6386.00 | 294.91 | 691.88 | 2575.49 | 0.00 |
| 10-04-2020 | 365 | 7054.00 | 6424.00 | 293.92 | 630.00 | 2571.62 | 0.00 |
| 11-04-2020 | 364 | 6828.37 | 6205.00 | 284.52 | 623.37 | 2486.42 | 0.00 |
| 12-04-2020 | 369 | 6653.50 | 6059.00 | 277.23 | 594.50 | 2452.51 | 0.00 |
| 13-04-2020 | 367 | 6394.75 | 5811.00 | 266.45 | 583.75 | 2344.49 | 0.00 |
| 14-04-2020 | 367 | 6207.38 | 5632.00 | 258.64 | 575.38 | 2276.23 | 0.00 |
| 15-04-2020 | 369 | 6335.25 | 5748.00 | 263.97 | 587.25 | 2334.89 | 0.00 |
| 16-04-2020 | 372 | 6785.12 | 6166.00 | 282.71 | 619.12 | 2526.10 | 0.00 |
| 17-04-2020 | 372 | 6814.88 | 6113.00 | 283.95 | 701.88 | 2536.39 | 0.00 |
| 18-04-2020 | 368 | 6913.50 | 6235.00 | 288.06 | 678.50 | 2543.26 | 0.00 |
| 19-04-2020 | 368 | 6891.25 | 6200.00 | 287.14 | 691.25 | 2532.62 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 20-04-2020 | 364 | 6969.25 | 6276.00 | 290.39 | 693.25 | 2533.58 | 0.00 |
| 21-04-2020 | 367 | 7040.50 | 6338.00 | 293.35 | 702.50 | 2586.43 | 0.58 |
| 22-04-2020 | 369 | 6856.87 | 6208.00 | 285.70 | 648.87 | 2532.53 | 0.00 |
| 23-04-2020 | 367 | 7052.50 | 6375.00 | 293.85 | 677.50 | 2587.58 | 0.00 |
| 24-04-2020 | 369 | 7026.13 | 6359.00 | 292.76 | 667.13 | 2595.43 | 0.00 |
| 25-04-2020 | 366 | 6989.25 | 6350.00 | 291.22 | 639.25 | 2555.40 | 0.00 |
| 26-04-2020 | 365 | 6930.37 | 6280.00 | 288.77 | 650.37 | 2532.79 | 0.00 |
| 27-04-2020 | 368 | 7132.88 | 6469.00 | 297.20 | 663.88 | 2621.90 | 0.00 |
| 28-04-2020 | 371 | 7146.50 | 6486.00 | 297.77 | 660.50 | 2649.60 | 0.00 |
| 29-04-2020 | 369 | 7166.12 | 6502.00 | 298.59 | 664.12 | 2647.13 | 0.00 |
| 30-04-2020 | 370 | 7148.38 | 6483.00 | 297.85 | 665.38 | 2646.60 | 0.00 |
| 01-05-2020 | 370 | 7152.00 | 6485.00 | 298.00 | 667.00 | 2643.05 | 0.00 |
| 02-05-2020 | 367 | 7073.50 | 6407.00 | 294.73 | 666.50 | 2594.62 | 0.00 |
| 03-05-2020 | 367 | 7153.50 | 6481.00 | 298.06 | 672.50 | 2624.52 | 0.00 |
| 04-05-2020 | 368 | 7067.62 | 6378.00 | 294.48 | 689.63 | 2598.70 | 0.00 |
| 05-05-2020 | 392 | 6708.25 | 6489.00 | 279.51 | 219.25 | 2628.26 | 0.22 |
| 06-05-2020 | 344 | 7556.50 | 6444.00 | 314.85 | 1112.50 | 2602.85 | 0.00 |
| 07-05-2020 | 365 | 6901.88 | 6243.00 | 287.58 | 658.88 | 2521.66 | 0.00 |
| 08-05-2020 | 391 | 4792.25 | 4267.00 | 199.68 | 525.25 | 1871.71 | 0.00 |
| 09-05-2020 | 374 | 6680.37 | 6039.00 | 278.35 | 641.37 | 2500.39 | 0.00 |
| 10-05-2020 | 369 | 7126.50 | 6461.00 | 296.94 | 665.50 | 2632.15 | 0.00 |
| 11-05-2020 | 372 | 6995.13 | 6337.00 | 291.46 | 658.13 | 2604.65 | 0.00 |
| 12-05-2020 | 368 | 7070.00 | 6386.00 | 294.58 | 684.00 | 2601.24 | 0.00 |
| 13-05-2020 | 369 | 6987.62 | 6337.00 | 291.15 | 650.62 | 2575.80 | 0.00 |
| 14-05-2020 | 368 | 7139.38 | 6473.00 | 297.47 | 666.38 | 2630.38 | 0.00 |
| 15-05-2020 | 370 | 7121.37 | 6456.00 | 296.72 | 665.37 | 2632.03 | 0.00 |
| 16-05-2020 | 368 | 6663.25 | 6003.00 | 277.64 | 660.25 | 2453.33 | 0.00 |
| 17-05-2020 | 367 | 7074.25 | 6421.00 | 294.76 | 653.25 | 2596.01 | 0.00 |
| 18-05-2020 | 364 | 6962.63 | 6298.00 | 290.11 | 664.63 | 2536.25 | 0.00 |
| 19-05-2020 | 372 | 6494.25 | 5861.00 | 270.59 | 633.25 | 2418.84 | 0.00 |
| 20-05-2020 | 367 | 6234.62 | 5612.00 | 259.78 | 622.62 | 2291.16 | 6.77 |
| 21-05-2020 | 289 | 456.75 | 420.00 | 19.03 | 209.61 | 132.22 | 30.26 |
| 26-05-2020 | 81 | 9.50 | 9.00 | 0.40 | 202.29 | 0.77 | 79.78 |
| 27-05-2020 | 400 | 4652.75 | 4182.00 | 193.86 | 493.81 | 1861.80 | 25.78 |
| 28-05-2020 | 377 | 6952.13 | 6314.00 | 289.67 | 638.19 | 2617.51 | 0.00 |
| 29-05-2020 | 379 | 7096.12 | 6414.00 | 295.67 | 682.19 | 2687.52 | 0.00 |
| 30-05-2020 | 377 | 7164.25 | 6484.00 | 298.51 | 680.31 | 2698.85 | 0.00 |
| 31-05-2020 | 375 | 7152.25 | 6475.00 | 298.01 | 677.33 | 2679.48 | 0.00 |
| 01-06-2020 | 376 | 7132.38 | 6451.00 | 297.18 | 681.72 | 2678.35 | 0.00 |
| 02-06-2020 | 372 | 7145.75 | 6467.00 | 297.74 | 679.25 | 2654.98 | 0.00 |
| 03-06-2020 | 373 | 7168.50 | 6479.00 | 298.69 | 690.00 | 2674.63 | 0.00 |
| 04-06-2020 | 375 | 7151.50 | 6462.00 | 297.98 | 689.80 | 2680.70 | 0.00 |
| 05-06-2020 | 373 | 7164.62 | 6454.00 | 298.53 | 710.84 | 2675.38 | 0.29 |
| 06-06-2020 | 380 | 7123.25 | 6439.00 | 296.80 | 684.43 | 2705.76 | 0.00 |
| 07-06-2020 | 382 | 7048.88 | 6378.00 | 293.70 | 671.18 | 2689.20 | 0.00 |
| 08-06-2020 | 383 | 6806.25 | 6131.00 | 283.59 | 675.45 | 2605.13 | 0.00 |
| 09-06-2020 | 374 | 7044.37 | 6357.00 | 293.52 | 687.50 | 2631.31 | 0.00 |
| 10-06-2020 | 313 | 467.63 | 422.00 | 19.48 | 180.89 | 146.26 | 32.78 |
| 18-06-2020 | 373 | 5106.87 | 4629.00 | 212.79 | 545.06 | 1904.40 | 61.10 |
| 19-06-2020 | 376 | 7146.38 | 6475.00 | 297.77 | 671.64 | 2688.72 | 0.00 |
| 20-06-2020 | 376 | 7164.62 | 6477.00 | 298.53 | 687.72 | 2691.29 | 0.00 |
| 21-06-2020 | 378 | 7147.00 | 6465.00 | 297.79 | 682.04 | 2698.97 | 0.00 |
| 22-06-2020 | 375 | 7169.50 | 6473.00 | 298.73 | 696.60 | 2689.61 | 0.00 |
| 23-06-2020 | 375 | 7157.00 | 6480.00 | 298.21 | 677.20 | 2687.33 | 0.00 |
| 24-06-2020 | 375 | 7151.75 | 6489.00 | 297.99 | 663.01 | 2684.04 | 0.00 |
| 25-06-2020 | 376 | 7151.88 | 6471.00 | 298.00 | 681.32 | 2685.55 | 0.00 |
| 26-06-2020 | 378 | 7137.00 | 6455.00 | 297.38 | 682.19 | 2698.37 | 0.00 |
| 27-06-2020 | 374 | 7140.50 | 6460.00 | 297.52 | 680.58 | 2673.46 | 0.00 |
| 28-06-2020 | 377 | 7090.87 | 6417.00 | 295.45 | 674.07 | 2671.08 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 29-06-2020 | 371 | 7163.75 | 6488.00 | 298.49 | 676.09 | 2658.14 | 0.00 |
| 30-06-2020 | 371 | 7151.75 | 6474.00 | 297.99 | 678.05 | 2650.06 | 0.00 |
| 01-07-2020 | 375 | 7163.13 | 6481.00 | 298.46 | 682.58 | 2686.08 | 0.00 |
| 02-07-2020 | 371 | 7149.12 | 6473.00 | 297.88 | 676.31 | 2652.22 | 0.00 |
| 03-07-2020 | 375 | 7147.75 | 6477.00 | 297.82 | 670.97 | 2681.78 | 0.00 |
| 04-07-2020 | 375 | 6237.13 | 5608.00 | 259.88 | 629.40 | 2339.76 | 0.00 |
| 05-07-2020 | 369 | 7157.25 | 6455.00 | 298.22 | 702.37 | 2644.27 | 0.74 |
| 06-07-2020 | 370 | 7148.12 | 6478.00 | 297.84 | 670.36 | 2643.70 | 0.00 |
| 07-07-2020 | 369 | 7168.38 | 6470.00 | 298.68 | 698.66 | 2644.90 | 0.00 |
| 08-07-2020 | 372 | 7134.00 | 6467.00 | 297.25 | 667.25 | 2650.37 | 0.00 |
| 09-07-2020 | 370 | 7151.75 | 6466.00 | 297.99 | 686.03 | 2647.85 | 0.00 |
| 10-07-2020 | 373 | 7160.37 | 6473.00 | 298.35 | 687.67 | 2667.31 | 0.00 |
| 11-07-2020 | 374 | 7165.25 | 6461.00 | 298.55 | 704.60 | 2677.10 | 0.00 |
| 12-07-2020 | 381 | 7129.50 | 6455.00 | 297.06 | 674.77 | 2717.66 | 0.00 |
| 13-07-2020 | 377 | 7129.75 | 6433.00 | 297.07 | 696.89 | 2684.40 | 0.00 |
| 14-07-2020 | 377 | 7147.13 | 6453.00 | 297.80 | 694.22 | 2691.36 | 0.00 |
| 15-07-2020 | 378 | 7129.25 | 6439.00 | 297.05 | 690.49 | 2691.96 | 0.10 |
| 16-07-2020 | 371 | 7165.00 | 6482.00 | 298.54 | 683.37 | 2657.74 | 0.00 |
| 17-07-2020 | 373 | 7163.87 | 6472.00 | 298.49 | 692.39 | 2669.16 | 0.00 |
| 18-07-2020 | 372 | 7148.25 | 6480.00 | 297.84 | 668.39 | 2658.12 | 0.00 |
| 19-07-2020 | 370 | 7151.13 | 6469.00 | 297.96 | 682.24 | 2649.10 | 0.00 |
| 20-07-2020 | 367 | 7158.00 | 6474.00 | 298.25 | 684.12 | 2625.17 | 0.62 |
| 21-07-2020 | 373 | 6957.87 | 6289.00 | 289.91 | 669.19 | 2597.81 | 0.00 |
| 22-07-2020 | 380 | 7139.25 | 6450.00 | 297.47 | 689.53 | 2710.63 | 0.00 |
| 23-07-2020 | 370 | 7166.50 | 6461.00 | 298.60 | 705.90 | 2650.78 | 0.00 |
| 24-07-2020 | 377 | 7145.00 | 6470.00 | 297.71 | 675.11 | 2697.10 | 0.00 |
| 25-07-2020 | 377 | 7145.63 | 6465.00 | 297.73 | 680.84 | 2690.54 | 0.00 |
| 26-07-2020 | 374 | 7167.75 | 6484.00 | 298.66 | 683.81 | 2681.54 | 0.00 |
| 27-07-2020 | 373 | 7143.25 | 6458.00 | 297.64 | 685.48 | 2667.19 | 0.00 |
| 28-07-2020 | 371 | 7159.25 | 6473.00 | 298.30 | 686.39 | 2654.33 | 0.00 |
| 29-07-2020 | 374 | 7167.87 | 6462.00 | 298.66 | 706.12 | 2684.04 | 0.00 |
| 30-07-2020 | 373 | 7091.50 | 6427.00 | 295.48 | 664.77 | 2648.04 | 0.00 |
| 31-07-2020 | 370 | 7152.38 | 6479.00 | 298.02 | 673.49 | 2647.46 | 0.00 |
| 01-08-2020 | 368 | 7168.25 | 6488.00 | 298.68 | 680.34 | 2634.65 | 0.00 |
| 02-08-2020 | 368 | 7153.12 | 6475.00 | 298.05 | 678.30 | 2632.06 | 0.00 |
| 03-08-2020 | 370 | 7133.50 | 6438.00 | 297.23 | 695.59 | 2637.84 | 0.00 |
| 04-08-2020 | 368 | 7054.00 | 6388.00 | 293.92 | 666.16 | 2597.81 | 0.00 |
| 05-08-2020 | 367 | 7106.25 | 6425.00 | 296.09 | 681.40 | 2608.22 | 0.60 |
| 06-08-2020 | 369 | 6704.25 | 6044.00 | 279.34 | 660.55 | 2472.38 | 0.00 |
| 07-08-2020 | 376 | 6428.13 | 5779.00 | 267.84 | 649.49 | 2415.91 | 0.00 |
| 08-08-2020 | 374 | 6151.75 | 5514.00 | 256.32 | 638.28 | 2298.33 | 0.00 |
| 09-08-2020 | 381 | 4914.62 | 4344.00 | 204.78 | 571.12 | 1871.64 | 0.00 |
| 10-08-2020 | 407 | 6470.00 | 5823.00 | 269.58 | 647.37 | 2634.82 | 0.00 |
| 11-08-2020 | 370 | 6607.50 | 5946.00 | 275.31 | 661.86 | 2442.17 | 0.00 |
| 12-08-2020 | 370 | 6739.00 | 6072.00 | 280.79 | 667.35 | 2495.18 | 0.00 |
| 13-08-2020 | 372 | 6587.13 | 5986.00 | 274.46 | 601.61 | 2447.69 | 0.00 |
| 14-08-2020 | 371 | 7104.12 | 6454.00 | 296.01 | 650.50 | 2632.80 | 0.00 |
| 15-08-2020 | 369 | 7076.63 | 6397.00 | 294.86 | 679.80 | 2613.67 | 0.00 |
| 16-08-2020 | 364 | 7085.00 | 6411.00 | 295.21 | 674.15 | 2579.62 | 0.00 |
| 17-08-2020 | 385 | 3309.87 | 2926.00 | 137.91 | 384.78 | 1274.33 | 13.10 |
| 21-08-2020 | 364 | 3208.88 | 2926.00 | 133.70 | 409.26 | 1167.50 | 115.78 |
| 22-08-2020 | 368 | 7152.00 | 6556.00 | 298.00 | 596.00 | 2629.51 | 0.00 |
| 23-08-2020 | 371 | 7151.62 | 6525.00 | 297.98 | 626.62 | 2655.65 | 0.00 |
| 24-08-2020 | 365 | 7163.88 | 6487.00 | 298.50 | 676.88 | 2613.70 | 0.00 |
| 25-08-2020 | 364 | 7153.87 | 6477.00 | 298.08 | 676.87 | 2601.65 | 0.00 |
| 26-08-2020 | 363 | 7152.50 | 6477.00 | 298.02 | 675.50 | 2594.62 | 0.00 |
| 27-08-2020 | 363 | 7166.75 | 6495.00 | 298.61 | 671.75 | 2601.00 | 0.00 |
| 28-08-2020 | 367 | 7145.88 | 6474.00 | 297.75 | 671.88 | 2620.87 | 0.00 |
| 29-08-2020 | 364 | 7162.62 | 6486.00 | 298.44 | 676.62 | 2608.56 | 0.00 |

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| 30-08-2020 | 365 | 7151.38 | 6474.00 | 297.97 | 677.38 | 2610.43 | 0.00 |
| 31-08-2020 | 368 | 7167.62 | 6463.00 | 298.65 | 704.62 | 2638.97 | 0.00 |
| 01-09-2020 | 364 | 7158.13 | 6471.00 | 298.26 | 687.43 | 2608.66 | 0.00 |
| 02-09-2020 | 366 | 7071.12 | 6405.00 | 294.63 | 676.80 | 2588.95 | 0.00 |
| 03-09-2020 | 363 | 7147.75 | 6464.00 | 297.82 | 683.75 | 2596.61 | 0.00 |
| 04-09-2020 | 370 | 7162.50 | 6482.00 | 298.44 | 680.50 | 2647.18 | 0.00 |
| 05-09-2020 | 368 | 7166.00 | 6472.00 | 298.58 | 694.00 | 2633.52 | 0.53 |
| 06-09-2020 | 367 | 7110.75 | 6450.00 | 296.28 | 660.75 | 2606.57 | 0.00 |
| 07-09-2020 | 374 | 6825.13 | 6162.00 | 284.38 | 663.13 | 2553.41 | 0.00 |
| 08-09-2020 | 371 | 7144.25 | 6460.00 | 297.68 | 684.25 | 2653.80 | 0.00 |
| 09-09-2020 | 371 | 7167.00 | 6487.00 | 298.63 | 680.00 | 2661.48 | 0.00 |
| 10-09-2020 | 370 | 6980.75 | 6305.00 | 290.86 | 675.75 | 2582.69 | 0.00 |
| 11-09-2020 | 366 | 7165.75 | 6475.00 | 298.57 | 690.82 | 2620.39 | 0.00 |
| 12-09-2020 | 366 | 7151.12 | 6478.00 | 297.96 | 673.15 | 2615.83 | 0.00 |
| 13-09-2020 | 367 | 7054.13 | 6398.00 | 293.92 | 656.18 | 2588.14 | 0.00 |
| 14-09-2020 | 366 | 7115.87 | 6443.00 | 296.49 | 672.91 | 2606.98 | 0.00 |
| 15-09-2020 | 368 | 7090.00 | 6400.00 | 295.42 | 690.00 | 2605.70 | 0.00 |
| 16-09-2020 | 368 | 7148.25 | 6482.00 | 297.84 | 666.31 | 2629.68 | 0.00 |
| 17-09-2020 | 366 | 7168.25 | 6475.00 | 298.68 | 693.25 | 2620.85 | 0.00 |
| 18-09-2020 | 368 | 6979.00 | 6316.00 | 290.79 | 663.04 | 2565.05 | 0.00 |
| 19-09-2020 | 369 | 6396.25 | 5752.00 | 266.51 | 644.28 | 2360.98 | 0.00 |
| 20-09-2020 | 373 | 5639.25 | 5035.00 | 234.97 | 604.31 | 2102.86 | 0.98 |
| 21-09-2020 | 370 | 6177.75 | 5542.00 | 257.41 | 635.83 | 2285.06 | 0.00 |
| 22-09-2020 | 371 | 6054.50 | 5418.00 | 252.27 | 636.61 | 2243.74 | 0.00 |
| 23-09-2020 | 373 | 6323.00 | 5692.00 | 263.46 | 631.03 | 2357.50 | 0.00 |
| 24-09-2020 | 369 | 6707.50 | 6047.00 | 279.48 | 660.55 | 2478.19 | 0.00 |
| 25-09-2020 | 366 | 6888.50 | 6211.00 | 287.02 | 677.54 | 2523.10 | 0.00 |
| 26-09-2020 | 366 | 7012.00 | 6357.00 | 292.17 | 655.03 | 2568.14 | 0.00 |
| 27-09-2020 | 368 | 7164.75 | 6469.00 | 298.53 | 695.78 | 2635.75 | 0.00 |
| 28-09-2020 | 370 | 7064.50 | 6400.00 | 294.35 | 664.55 | 2616.07 | 0.00 |
| 29-09-2020 | 362 | 5856.25 | 5242.00 | 244.01 | 614.30 | 2117.47 | 41.66 |
| 30-09-2020 | 369 | 6847.75 | 6163.00 | 285.32 | 684.78 | 2527.01 | 0.00 |
| 01-10-2020 | 375 | 6151.75 | 5537.00 | 256.32 | 614.77 | 2306.16 | 0.00 |
| 02-10-2020 | 377 | 6791.25 | 6125.00 | 282.97 | 666.29 | 2558.86 | 0.00 |
| 03-10-2020 | 370 | 7151.50 | 6474.00 | 297.98 | 677.55 | 2644.54 | 0.00 |
| 04-10-2020 | 366 | 7045.00 | 6371.00 | 293.54 | 674.01 | 2576.18 | 0.00 |
| 05-10-2020 | 366 | 7143.50 | 6446.00 | 297.65 | 697.52 | 2611.58 | 0.65 |
| 06-10-2020 | 365 | 7146.50 | 6483.00 | 297.77 | 663.53 | 2611.18 | 0.00 |
| 07-10-2020 | 367 | 7168.00 | 6472.00 | 298.67 | 696.03 | 2630.28 | 0.00 |
| 08-10-2020 | 368 | 7151.25 | 6484.00 | 297.97 | 667.30 | 2633.71 | 0.00 |
| 09-10-2020 | 368 | 7103.00 | 6404.00 | 295.96 | 699.03 | 2616.84 | 0.00 |
| 10-10-2020 | 366 | 7151.75 | 6488.00 | 297.99 | 663.78 | 2614.99 | 0.00 |
| 11-10-2020 | 373 | 6026.25 | 5407.00 | 251.09 | 619.31 | 2247.79 | 0.00 |
| 12-10-2020 | 369 | 6786.00 | 6127.00 | 282.75 | 659.04 | 2502.96 | 0.00 |
| 13-10-2020 | 370 | 6846.50 | 6169.00 | 285.27 | 677.51 | 2532.84 | 0.00 |
| 14-10-2020 | 371 | 6802.25 | 6153.00 | 283.43 | 649.31 | 2524.82 | 0.00 |
| 15-10-2020 | 382 | 6048.50 | 5408.00 | 252.02 | 640.54 | 2310.29 | 0.00 |
| 16-10-2020 | 376 | 6128.25 | 5504.00 | 255.34 | 624.34 | 2306.64 | 0.00 |
| 17-10-2020 | 375 | 5666.50 | 5069.00 | 236.10 | 597.51 | 2127.31 | 0.00 |
| 18-10-2020 | 378 | 5523.50 | 4916.00 | 230.15 | 607.55 | 2090.06 | 0.00 |
| 19-10-2020 | 371 | 7007.25 | 6331.00 | 291.97 | 676.28 | 2599.01 | 0.00 |
| 20-10-2020 | 365 | 7132.00 | 6433.00 | 297.17 | 699.05 | 2601.00 | 0.43 |
| 21-10-2020 | 366 | 7150.75 | 6488.00 | 297.95 | 662.78 | 2619.86 | 0.00 |
| 22-10-2020 | 365 | 7105.50 | 6429.00 | 296.06 | 676.53 | 2592.58 | 0.00 |
| 23-10-2020 | 365 | 7166.75 | 6462.00 | 298.61 | 704.75 | 2614.42 | 0.00 |
| 24-10-2020 | 366 | 7145.50 | 6471.00 | 297.73 | 674.53 | 2615.66 | 0.00 |
| 25-10-2020 | 366 | 7164.00 | 6474.00 | 298.50 | 690.03 | 2622.38 | 0.00 |
| 26-10-2020 | 365 | 7159.25 | 6452.00 | 298.30 | 707.29 | 2615.28 | 0.00 |
| 27-10-2020 | 367 | 7147.00 | 6477.00 | 297.79 | 670.03 | 2621.23 | 0.00 |

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| 28-10-2020 | 364 | 7167.25 | 6463.00 | 298.64 | 704.28 | 2611.80 | 0.00 |
| 29-10-2020 | 366 | 6822.25 | 6170.00 | 284.26 | 652.26 | 2497.61 | 1.32 |
| 30-10-2020 | 320 | 470.25 | 428.00 | 19.59 | 187.19 | 150.41 | 23.11 |
| 20-11-2020 | 380 | 2685.25 | 2458.00 | 111.89 | 323.49 | 1019.47 | 72.58 |
| 21-11-2020 | 370 | 7159.25 | 6569.00 | 298.30 | 590.25 | 2650.10 | 0.00 |
| 22-11-2020 | 371 | 7145.00 | 6589.00 | 297.71 | 556.00 | 2649.62 | 0.00 |
| 23-11-2020 | 371 | 7059.50 | 6472.00 | 294.15 | 587.50 | 2619.02 | 0.00 |
| 24-11-2020 | 375 | 7154.50 | 6505.00 | 298.10 | 649.50 | 2685.17 | 0.00 |
| 25-11-2020 | 378 | 6849.50 | 6208.00 | 285.40 | 641.50 | 2589.29 | 0.00 |
| 26-11-2020 | 374 | 7053.25 | 6403.00 | 293.89 | 650.25 | 2635.10 | 0.00 |
| 27-11-2020 | 378 | 7111.75 | 6453.00 | 296.32 | 658.75 | 2684.66 | 0.00 |
| 28-11-2020 | 381 | 5921.25 | 5343.00 | 246.72 | 578.25 | 2257.27 | 0.00 |
| 29-11-2020 | 388 | 5294.75 | 4760.00 | 220.61 | 534.75 | 2056.13 | 0.00 |
| 30-11-2020 | 387 | 5146.00 | 4628.00 | 214.42 | 518.00 | 1993.27 | 0.00 |
| 01-12-2020 | 386 | 5176.75 | 4652.00 | 215.70 | 524.75 | 1996.82 | 10.18 |
| 02-12-2020 | 383 | 5223.50 | 4716.00 | 217.65 | 507.50 | 1998.46 | 2.14 |
| 03-12-2020 | 387 | 5200.50 | 4690.00 | 216.69 | 510.50 | 2011.34 | 0.00 |
| 04-12-2020 | 389 | 5244.50 | 4723.00 | 218.52 | 521.50 | 2040.62 | 0.00 |
| 05-12-2020 | 389 | 5262.00 | 4733.00 | 219.25 | 529.00 | 2044.42 | 0.26 |
| 06-12-2020 | 391 | 5271.25 | 4763.00 | 219.64 | 508.25 | 2060.23 | 0.00 |
| 07-12-2020 | 388 | 5573.00 | 5028.00 | 232.21 | 545.00 | 2161.87 | 0.00 |
| 08-12-2020 | 380 | 6132.25 | 5549.00 | 255.51 | 583.25 | 2329.99 | 0.00 |
| 09-12-2020 | 375 | 6295.00 | 5719.00 | 262.29 | 576.00 | 2362.30 | 0.00 |
| 10-12-2020 | 377 | 6358.50 | 5777.00 | 264.94 | 581.50 | 2397.82 | 0.00 |
| 11-12-2020 | 376 | 6304.75 | 5721.00 | 262.70 | 583.75 | 2372.95 | 0.00 |
| 12-12-2020 | 378 | 6201.50 | 5611.00 | 258.40 | 590.50 | 2343.10 | 0.00 |
| 13-12-2020 | 375 | 6206.25 | 5615.00 | 258.59 | 591.25 | 2329.63 | 0.00 |
| 14-12-2020 | 368 | 7151.00 | 6495.00 | 297.96 | 656.00 | 2628.31 | 0.00 |
| 15-12-2020 | 368 | 7167.50 | 6499.00 | 298.65 | 668.50 | 2635.51 | 0.00 |
| 16-12-2020 | 369 | 7151.50 | 6517.00 | 297.98 | 634.50 | 2638.63 | 0.00 |
| 17-12-2020 | 370 | 7159.50 | 6491.00 | 298.31 | 668.50 | 2650.73 | 0.00 |
| 18-12-2020 | 397 | 7140.75 | 6500.00 | 297.53 | 640.75 | 2835.22 | 0.00 |
| 19-12-2020 | 370 | 7161.75 | 6494.00 | 298.41 | 667.75 | 2646.46 | 0.00 |
| 20-12-2020 | 368 | 7145.50 | 6486.00 | 297.73 | 659.50 | 2632.13 | 0.46 |
| 21-12-2020 | 369 | 7122.50 | 6463.00 | 296.77 | 659.50 | 2627.78 | 0.00 |
| 22-12-2020 | 379 | 6949.00 | 6297.00 | 289.54 | 652.00 | 2636.74 | 0.00 |
| 23-12-2020 | 374 | 6406.75 | 5794.00 | 266.95 | 612.75 | 2398.01 | 0.00 |
| 24-12-2020 | 371 | 5768.50 | 5179.00 | 240.35 | 589.50 | 2138.11 | 0.00 |
| 25-12-2020 | 378 | 5555.25 | 5011.00 | 231.47 | 544.25 | 2097.36 | 0.00 |
| 26-12-2020 | 374 | 6213.25 | 5620.00 | 258.89 | 593.25 | 2322.41 | 0.00 |
| 27-12-2020 | 373 | 6241.50 | 5634.00 | 260.06 | 607.50 | 2329.06 | 0.00 |
| 28-12-2020 | 374 | 7081.50 | 6443.00 | 295.06 | 638.50 | 2646.05 | 0.00 |
| 29-12-2020 | 370 | 7159.25 | 6500.00 | 298.30 | 659.25 | 2646.65 | 0.00 |
| 30-12-2020 | 373 | 7130.00 | 6470.00 | 297.08 | 660.00 | 2661.22 | 0.00 |
| 31-12-2020 | 369 | 7163.25 | 6492.00 | 298.47 | 671.25 | 2645.76 | 0.00 |
| 01-01-2021 | 369 | 7101.75 | 6459.00 | 295.91 | 642.75 | 2621.42 | 0.00 |
| 02-01-2021 | 374 | 7047.50 | 6382.00 | 293.65 | 665.50 | 2635.54 | 0.00 |
| 03-01-2021 | 374 | 6840.50 | 6165.00 | 285.02 | 675.52 | 2558.71 | 0.00 |
| 04-01-2021 | 371 | 7095.00 | 6436.00 | 295.63 | 659.01 | 2633.14 | 0.00 |
| 05-01-2021 | 373 | 7050.00 | 6384.00 | 293.75 | 666.03 | 2626.32 | 0.19 |
| 06-01-2021 | 367 | 7017.75 | 6349.00 | 292.41 | 668.78 | 2573.59 | 0.00 |
| 07-01-2021 | 371 | 7009.75 | 6349.00 | 292.07 | 660.78 | 2598.17 | 0.00 |
| 08-01-2021 | 367 | 7163.50 | 6486.00 | 298.48 | 677.50 | 2632.10 | 0.00 |
| 09-01-2021 | 377 | 6927.25 | 6288.00 | 288.64 | 639.29 | 2610.91 | 0.00 |
| 10-01-2021 | 377 | 7069.50 | 6390.00 | 294.56 | 679.51 | 2665.90 | 0.00 |
| 11-01-2021 | 375 | 7013.75 | 6371.00 | 292.24 | 642.77 | 2631.05 | 0.00 |
| 12-01-2021 | 376 | 7061.00 | 6393.00 | 294.21 | 668.00 | 2658.12 | 0.00 |
| 13-01-2021 | 375 | 7125.75 | 6452.00 | 296.91 | 673.78 | 2673.72 | 0.00 |
| 14-01-2021 | 373 | 7030.25 | 6348.00 | 292.93 | 682.26 | 2623.90 | 0.00 |

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| 15-01-2021 | 373 | 7074.25 | 6436.00 | 294.76 | 638.29 | 2639.59 | 0.00 |
| 16-01-2021 | 372 | 6961.75 | 6323.00 | 290.07 | 638.78 | 2591.06 | 0.00 |
| 17-01-2021 | 380 | 6966.75 | 6320.00 | 290.28 | 646.78 | 2649.84 | 0.00 |
| 18-01-2021 | 372 | 7009.75 | 6327.00 | 292.07 | 682.78 | 2605.73 | 0.00 |
| 19-01-2021 | 371 | 7116.25 | 6462.00 | 296.51 | 654.26 | 2637.26 | 0.00 |
| 20-01-2021 | 369 | 7150.50 | 6471.00 | 297.94 | 679.52 | 2641.82 | 0.24 |
| 21-01-2021 | 374 | 7089.50 | 6400.00 | 295.40 | 689.53 | 2651.62 | 0.00 |
| 22-01-2021 | 382 | 6895.75 | 6242.00 | 287.32 | 653.75 | 2631.50 | 0.00 |
| 23-01-2021 | 384 | 7099.75 | 6432.00 | 295.82 | 667.77 | 2726.33 | 0.00 |
| 24-01-2021 | 377 | 7160.25 | 6489.00 | 298.34 | 671.26 | 2700.31 | 0.00 |
| 25-01-2021 | 378 | 7138.50 | 6462.00 | 297.44 | 676.52 | 2697.72 | 0.00 |
| 26-01-2021 | 372 | 7162.25 | 6485.00 | 298.43 | 677.30 | 2662.49 | 0.00 |
| 27-01-2021 | 366 | 7150.25 | 6478.00 | 297.93 | 672.29 | 2617.39 | 0.00 |
| 28-01-2021 | 365 | 7150.25 | 6479.00 | 297.93 | 671.25 | 2611.85 | 0.00 |
| 29-01-2021 | 368 | 7166.25 | 6496.00 | 298.59 | 670.31 | 2634.65 | 0.00 |
| 30-01-2021 | 373 | 7151.50 | 6482.00 | 297.98 | 669.50 | 2664.46 | 0.00 |
| 31-01-2021 | 372 | 7072.50 | 6411.00 | 294.69 | 661.54 | 2630.38 | 0.00 |
| 01-02-2021 | 373 | 7159.75 | 6471.00 | 298.32 | 696.62 | 2673.55 | 0.00 |
| 02-02-2021 | 376 | 7119.75 | 6464.00 | 296.66 | 655.75 | 2674.34 | 0.00 |
| 03-02-2021 | 367 | 7152.50 | 6486.00 | 298.02 | 666.54 | 2627.52 | 0.00 |
| 04-02-2021 | 368 | 7168.25 | 6506.00 | 298.68 | 662.26 | 2635.51 | 0.00 |
| 05-02-2021 | 364 | 7147.75 | 6469.00 | 297.82 | 678.77 | 2601.79 | 0.58 |
| 06-02-2021 | 365 | 7164.25 | 6500.00 | 298.51 | 664.28 | 2613.26 | 0.00 |
| 07-02-2021 | 367 | 7059.25 | 6399.00 | 294.14 | 660.26 | 2589.29 | 0.00 |
| 08-02-2021 | 366 | 7116.75 | 6447.00 | 296.53 | 669.77 | 2602.87 | 0.00 |
| 09-02-2021 | 360 | 7146.00 | 6464.00 | 297.75 | 682.02 | 2569.70 | 0.00 |
| 10-02-2021 | 359 | 7156.50 | 6492.00 | 298.19 | 664.53 | 2566.10 | 0.00 |
| 11-02-2021 | 361 | 7161.00 | 6482.00 | 298.38 | 679.01 | 2582.02 | 0.00 |
| 12-02-2021 | 360 | 7170.50 | 6500.00 | 298.77 | 670.55 | 2580.98 | 0.00 |
| 13-02-2021 | 362 | 7160.75 | 6490.00 | 298.36 | 670.75 | 2589.67 | 0.00 |
| 14-02-2021 | 358 | 7169.00 | 6497.00 | 298.71 | 672.01 | 2564.38 | 0.00 |
| 15-02-2021 | 361 | 7159.00 | 6479.00 | 298.29 | 680.02 | 2583.94 | 0.00 |
| 16-02-2021 | 372 | 7154.25 | 6485.00 | 298.09 | 669.28 | 2659.03 | 0.00 |
| 17-02-2021 | 369 | 7164.00 | 6482.00 | 298.50 | 682.02 | 2642.59 | 0.00 |
| 18-02-2021 | 369 | 7153.50 | 6500.00 | 298.06 | 653.51 | 2642.81 | 0.00 |
| 19-02-2021 | 364 | 7153.00 | 6476.00 | 298.04 | 677.02 | 2602.75 | 0.00 |
| 20-02-2021 | 358 | 7165.50 | 6487.00 | 298.56 | 678.53 | 2568.48 | 0.17 |
| 21-02-2021 | 366 | 7162.00 | 6464.00 | 298.42 | 698.00 | 2619.72 | 0.00 |
| 22-02-2021 | 366 | 7148.50 | 6480.00 | 297.85 | 668.52 | 2619.05 | 0.00 |
| 23-02-2021 | 365 | 7166.00 | 6483.00 | 298.58 | 683.01 | 2618.66 | 0.00 |
| 24-02-2021 | 361 | 7152.50 | 6483.00 | 298.02 | 669.53 | 2585.04 | 0.00 |
| 25-02-2021 | 360 | 7161.50 | 6487.00 | 298.40 | 674.50 | 2578.22 | 0.00 |
| 26-02-2021 | 359 | 6906.75 | 6249.00 | 287.78 | 657.75 | 2476.30 | 7.03 |
| 27-02-2021 | 364 | 6878.25 | 6229.00 | 286.59 | 649.28 | 2506.34 | 2.18 |
| 28-02-2021 | 366 | 7168.75 | 6479.00 | 298.70 | 689.78 | 2626.75 | 0.00 |
| 01-03-2021 | 364 | 7146.00 | 6488.00 | 297.75 | 658.00 | 2598.84 | 0.00 |
| 02-03-2021 | 363 | 7163.75 | 6466.00 | 298.49 | 697.79 | 2597.66 | 0.00 |
| 03-03-2021 | 364 | 7167.25 | 6494.00 | 298.64 | 673.25 | 2612.02 | 0.00 |
| 04-03-2021 | 367 | 7133.25 | 6450.00 | 297.22 | 683.26 | 2617.34 | 0.00 |
| 05-03-2021 | 366 | 7156.00 | 6475.00 | 298.17 | 681.02 | 2617.87 | 0.38 |
| 06-03-2021 | 362 | 7065.75 | 6377.00 | 294.41 | 688.78 | 2557.18 | 0.00 |
| 07-03-2021 | 369 | 5896.75 | 5277.00 | 245.70 | 619.78 | 2177.40 | 0.00 |
| 08-03-2021 | 367 | 7072.75 | 6394.00 | 294.70 | 678.77 | 2595.31 | 0.00 |
| 09-03-2021 | 369 | 7166.50 | 6483.00 | 298.60 | 683.53 | 2647.92 | 0.00 |
| 10-03-2021 | 371 | 7158.25 | 6477.00 | 298.26 | 681.26 | 2656.75 | 0.00 |
| 11-03-2021 | 372 | 7169.00 | 6487.00 | 298.71 | 682.02 | 2665.13 | 0.00 |
| 12-03-2021 | 370 | 7161.00 | 6480.00 | 298.38 | 681.03 | 2651.88 | 0.00 |
| 13-03-2021 | 371 | 7172.75 | 6480.00 | 298.86 | 692.75 | 2659.66 | 0.00 |
| 14-03-2021 | 369 | 7160.00 | 6508.00 | 298.33 | 652.01 | 2639.64 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 15-03-2021 | 369 | 7161.25 | 6490.00 | 298.39 | 671.27 | 2641.13 | 0.00 |
| 16-03-2021 | 367 | 7177.50 | 6491.00 | 299.06 | 686.53 | 2636.45 | 0.00 |
| 17-03-2021 | 370 | 7159.75 | 6509.00 | 298.32 | 650.77 | 2651.47 | 0.00 |
| 18-03-2021 | 370 | 7160.25 | 6489.00 | 298.34 | 671.31 | 2649.02 | 0.00 |
| 19-03-2021 | 368 | 7174.50 | 6486.00 | 298.94 | 688.56 | 2641.27 | 0.00 |
| 20-03-2021 | 367 | 7156.75 | 6502.00 | 298.20 | 654.78 | 2629.51 | 0.38 |
| 21-03-2021 | 368 | 5906.75 | 5297.00 | 246.11 | 609.78 | 2171.98 | 0.00 |
| 22-03-2021 | 364 | 7125.00 | 6453.00 | 296.88 | 672.00 | 2591.93 | 0.00 |
| 23-03-2021 | 366 | 7151.25 | 6480.00 | 297.97 | 671.29 | 2614.18 | 0.00 |
| 24-03-2021 | 364 | 7151.50 | 6485.00 | 297.98 | 666.50 | 2605.90 | 0.00 |
| 25-03-2021 | 361 | 7167.50 | 6487.00 | 298.65 | 680.51 | 2588.30 | 0.00 |
| 26-03-2021 | 368 | 7147.50 | 6488.00 | 297.81 | 659.52 | 2630.26 | 0.00 |
| 27-03-2021 | 368 | 7162.00 | 6486.00 | 298.42 | 676.03 | 2636.47 | 0.00 |
| 28-03-2021 | 364 | 7145.50 | 6457.00 | 297.73 | 688.53 | 2599.97 | 0.00 |
| 29-03-2021 | 368 | 6942.75 | 6286.00 | 289.28 | 656.75 | 2552.02 | 0.00 |
| 30-03-2021 | 366 | 6977.00 | 6315.00 | 290.71 | 662.05 | 2550.72 | 0.00 |
| 31-03-2021 | 365 | 7167.25 | 6488.00 | 298.64 | 679.26 | 2616.60 | 0.00 |
| 01-04-2021 | 368 | 7150.00 | 6473.00 | 297.92 | 677.02 | 2634.19 | 0.00 |
| 02-04-2021 | 375 | 7150.25 | 6473.00 | 297.93 | 677.25 | 2678.18 | 0.00 |
| 03-04-2021 | 366 | 7167.75 | 6490.00 | 298.66 | 677.78 | 2620.75 | 0.00 |
| 04-04-2021 | 371 | 6161.75 | 5529.00 | 256.74 | 632.76 | 2286.98 | 0.00 |
| 05-04-2021 | 369 | 7162.50 | 6462.00 | 298.44 | 700.52 | 2642.40 | 0.36 |
| 06-04-2021 | 369 | 7148.50 | 6478.00 | 297.85 | 670.53 | 2640.22 | 0.00 |
| 07-04-2021 | 368 | 7165.50 | 6482.00 | 298.56 | 683.52 | 2638.10 | 0.00 |
| 08-04-2021 | 365 | 7152.25 | 6466.00 | 298.01 | 686.26 | 2612.66 | 0.00 |
| 09-04-2021 | 368 | 7151.25 | 6467.00 | 297.97 | 684.30 | 2631.96 | 0.00 |
| 10-04-2021 | 366 | 7169.50 | 6477.00 | 298.73 | 692.52 | 2623.97 | 0.00 |
| 11-04-2021 | 377 | 7069.00 | 6412.00 | 294.54 | 657.01 | 2663.83 | 0.00 |
| 12-04-2021 | 371 | 7155.00 | 6459.00 | 298.13 | 696.03 | 2653.75 | 0.00 |
| 13-04-2021 | 373 | 7041.00 | 6381.00 | 293.38 | 660.03 | 2623.97 | 0.00 |
| 14-04-2021 | 374 | 6709.50 | 6047.00 | 279.56 | 662.53 | 2506.18 | 0.00 |
| 15-04-2021 | 373 | 6742.25 | 6071.00 | 280.93 | 671.30 | 2516.33 | 0.00 |
| 16-04-2021 | 372 | 6860.25 | 6212.00 | 285.84 | 648.27 | 2552.09 | 0.00 |
| 17-04-2021 | 375 | 6934.25 | 6272.00 | 288.93 | 662.28 | 2599.66 | 0.00 |
| 18-04-2021 | 370 | 7101.50 | 6424.00 | 295.90 | 677.53 | 2624.83 | 0.00 |
| 19-04-2021 | 369 | 7169.00 | 6469.00 | 298.71 | 700.02 | 2645.04 | 0.00 |
| 20-04-2021 | 370 | 7145.75 | 6476.00 | 297.74 | 669.78 | 2644.54 | 0.31 |
| 21-04-2021 | 371 | 7163.00 | 6476.00 | 298.46 | 687.01 | 2660.02 | 0.00 |
| 22-04-2021 | 372 | 7149.75 | 6464.00 | 297.91 | 685.80 | 2662.22 | 0.00 |
| 23-04-2021 | 371 | 7150.50 | 6481.00 | 297.94 | 669.51 | 2649.34 | 0.00 |
| 24-04-2021 | 374 | 7162.25 | 6495.00 | 298.43 | 667.27 | 2675.54 | 0.00 |
| 25-04-2021 | 379 | 6238.00 | 5600.00 | 259.92 | 638.05 | 2365.34 | 0.00 |
| 26-04-2021 | 392 | 6273.25 | 5638.00 | 261.39 | 635.26 | 2456.23 | 0.00 |
| 27-04-2021 | 382 | 7047.50 | 6378.00 | 293.65 | 669.52 | 2692.10 | 0.00 |
| 28-04-2021 | 374 | 7043.25 | 6366.00 | 293.47 | 677.25 | 2631.19 | 0.00 |
| 29-04-2021 | 373 | 7168.00 | 6488.00 | 298.67 | 680.03 | 2676.05 | 0.00 |
| 30-04-2021 | 375 | 7159.00 | 6485.00 | 298.29 | 674.03 | 2683.39 | 0.00 |
| 01-05-2021 | 375 | 7167.50 | 6490.00 | 298.65 | 677.53 | 2687.98 | 0.00 |
| 02-05-2021 | 381 | 5737.75 | 5128.00 | 239.07 | 609.75 | 2184.74 | 0.00 |
| 03-05-2021 | 371 | 7086.25 | 6399.00 | 295.26 | 687.25 | 2630.88 | 0.00 |
| 04-05-2021 | 376 | 6907.25 | 6258.00 | 287.80 | 649.28 | 2595.48 | 0.00 |
| 05-05-2021 | 371 | 6997.25 | 6311.00 | 291.55 | 686.28 | 2596.37 | 0.43 |
| 06-05-2021 | 372 | 7144.50 | 6482.00 | 297.69 | 662.50 | 2658.84 | 0.00 |
| 07-05-2021 | 368 | 7163.00 | 6478.00 | 298.46 | 685.00 | 2637.94 | 0.00 |
| 08-05-2021 | 376 | 7158.50 | 6462.00 | 298.27 | 696.54 | 2690.40 | 0.00 |
| 09-05-2021 | 382 | 5655.75 | 5064.00 | 235.66 | 591.81 | 2161.90 | 0.00 |
| 10-05-2021 | 378 | 7051.50 | 6378.00 | 293.81 | 673.51 | 2664.17 | 0.00 |
| 11-05-2021 | 380 | 7058.50 | 6382.00 | 294.10 | 676.52 | 2678.74 | 0.00 |
| 12-05-2021 | 383 | 6934.50 | 6266.00 | 288.94 | 668.55 | 2653.51 | 0.00 |

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| 13-05-2021 | 384 | 6728.75 | 6073.00 | 280.36 | 655.78 | 2582.78 | 0.00 |
| 14-05-2021 | 388 | 5513.75 | 4919.00 | 229.74 | 594.79 | 2137.97 | 0.00 |
| 15-05-2021 | 381 | 5347.75 | 4762.00 | 222.82 | 585.77 | 2035.27 | 0.00 |
| 16-05-2021 | 388 | 4803.00 | 4270.00 | 200.13 | 533.06 | 1861.15 | 0.00 |
| 17-05-2021 | 375 | 6519.50 | 5857.00 | 271.65 | 662.52 | 2444.18 | 0.19 |
| 18-05-2021 | 377 | 7145.00 | 6490.00 | 297.71 | 655.05 | 2690.62 | 0.00 |
| 19-05-2021 | 378 | 7124.50 | 6451.00 | 296.85 | 673.51 | 2691.58 | 0.00 |
| 20-05-2021 | 377 | 7159.75 | 6469.00 | 298.32 | 690.78 | 2700.67 | 0.31 |
| 21-05-2021 | 377 | 7140.25 | 6483.00 | 297.51 | 657.28 | 2688.58 | 0.02 |
| 22-05-2021 | 380 | 5788.00 | 5186.00 | 241.17 | 602.03 | 2197.97 | 0.02 |
| 23-05-2021 | 380 | 6433.25 | 5798.00 | 268.05 | 635.29 | 2442.98 | 0.02 |
| 24-05-2021 | 389 | 5426.25 | 4833.00 | 226.09 | 593.31 | 2111.66 | 0.00 |
| 25-05-2021 | 389 | 5010.00 | 4432.00 | 208.75 | 578.01 | 1951.08 | 0.00 |
| 26-05-2021 | 405 | 4276.25 | 3747.00 | 178.18 | 529.33 | 1730.16 | 0.00 |
| 27-05-2021 | 407 | 4345.25 | 3798.00 | 181.05 | 587.53 | 1768.75 | 0.00 |
| 28-05-2021 | 385 | 5831.50 | 5214.00 | 242.98 | 617.50 | 2244.36 | 0.00 |
| 29-05-2021 | 387 | 5412.75 | 4844.00 | 225.53 | 568.75 | 2097.26 | 0.00 |
| 30-05-2021 | 391 | 4988.75 | 4427.00 | 207.86 | 561.75 | 1948.20 | 0.00 |
| 31-05-2021 | 381 | 6019.75 | 5395.00 | 250.82 | 624.75 | 2292.26 | 0.00 |
| 01-06-2021 | 381 | 6143.75 | 5529.00 | 255.99 | 614.75 | 2337.70 | 0.00 |
| 02-06-2021 | 381 | 6803.25 | 6150.00 | 283.47 | 653.25 | 2593.18 | 0.00 |
| 03-06-2021 | 381 | 5954.50 | 5341.00 | 248.10 | 613.50 | 2269.61 | 0.00 |
| 04-06-2021 | 388 | 5683.50 | 5098.00 | 236.81 | 585.50 | 2204.86 | 0.10 |
| 05-06-2021 | 493 | 4708.75 | 4160.00 | 196.20 | 548.75 | 2320.70 | 0.00 |
| 06-06-2021 | 396 | 4666.75 | 4113.00 | 194.45 | 553.75 | 1849.80 | 0.00 |
| 07-06-2021 | 390 | 4837.00 | 4275.00 | 201.54 | 562.00 | 1885.58 | 0.00 |
| 08-06-2021 | 395 | 4888.50 | 4314.00 | 203.69 | 574.50 | 1928.52 | 0.00 |
| 09-06-2021 | 402 | 4591.75 | 4056.00 | 191.32 | 535.75 | 1845.98 | 0.00 |
| 10-06-2021 | 391 | 4655.50 | 4106.00 | 193.98 | 549.50 | 1818.50 | 0.00 |
| 11-06-2021 | 388 | 5002.00 | 4435.00 | 208.42 | 567.00 | 1938.62 | 0.00 |
| 12-06-2021 | 392 | 4585.25 | 4054.00 | 191.05 | 531.25 | 1796.78 | 0.00 |
| 13-06-2021 | 394 | 4487.75 | 3949.00 | 186.99 | 538.75 | 1767.98 | 0.00 |
| 14-06-2021 | 392 | 4981.00 | 4422.00 | 207.54 | 559.00 | 1953.58 | 0.00 |
| 15-06-2021 | 390 | 4910.75 | 4354.00 | 204.61 | 556.75 | 1914.00 | 0.00 |
| 16-06-2021 | 391 | 5172.75 | 4601.00 | 215.53 | 571.75 | 2020.44 | 0.00 |
| 17-06-2021 | 392 | 5477.75 | 4886.00 | 228.24 | 591.75 | 2146.99 | 0.00 |
| 18-06-2021 | 392 | 5510.75 | 4915.00 | 229.61 | 595.75 | 2160.07 | 0.00 |
| 19-06-2021 | 386 | 5148.50 | 4578.00 | 214.52 | 570.50 | 1987.44 | 0.00 |
| 20-06-2021 | 381 | 5763.00 | 5164.00 | 240.13 | 599.00 | 2197.03 | 0.34 |
| 21-06-2021 | 380 | 6671.00 | 6033.00 | 277.96 | 638.00 | 2534.35 | 0.00 |
| 22-06-2021 | 381 | 7087.00 | 6433.00 | 295.29 | 654.00 | 2697.96 | 0.00 |
| 23-06-2021 | 380 | 7149.75 | 6480.00 | 297.91 | 669.75 | 2716.80 | 0.00 |
| 24-06-2021 | 379 | 7162.75 | 6475.00 | 298.45 | 687.75 | 2711.23 | 0.00 |
| 25-06-2021 | 383 | 7145.25 | 6447.00 | 297.72 | 698.25 | 2736.77 | 0.00 |
| 26-06-2021 | 380 | 7168.25 | 6454.00 | 298.68 | 790.49 | 2724.46 | 0.00 |
| 27-06-2021 | 387 | 6420.25 | 5791.00 | 267.51 | 629.25 | 2486.69 | 0.00 |
| 28-06-2021 | 386 | 7026.25 | 6355.00 | 292.76 | 671.27 | 2711.35 | 0.00 |
| 29-06-2021 | 382 | 7103.00 | 6431.00 | 295.96 | 672.03 | 2711.95 | 0.00 |
| 30-06-2021 | 380 | 7163.00 | 6470.00 | 298.46 | 713.48 | 2723.62 | 0.00 |
| 01-07-2021 | 382 | 7150.00 | 6478.00 | 297.92 | 672.17 | 2732.66 | 0.00 |
| 02-07-2021 | 382 | 7151.75 | 6477.00 | 297.99 | 675.08 | 2731.30 | 0.00 |
| 03-07-2021 | 380 | 7146.00 | 6495.00 | 297.75 | 651.29 | 2715.72 | 0.00 |
| 04-07-2021 | 383 | 7146.75 | 6478.00 | 297.78 | 668.88 | 2733.70 | 0.00 |
| 05-07-2021 | 382 | 7147.25 | 6463.00 | 297.80 | 684.25 | 2732.88 | 0.22 |
| 06-07-2021 | 382 | 7139.50 | 6482.00 | 297.48 | 657.50 | 2729.30 | 0.00 |
| 07-07-2021 | 382 | 7084.75 | 6407.00 | 295.20 | 677.75 | 2708.66 | 0.00 |
| 08-07-2021 | 383 | 7150.00 | 6472.00 | 297.92 | 678.00 | 2737.42 | 0.00 |
| 09-07-2021 | 383 | 7133.00 | 6460.00 | 297.21 | 673.00 | 2732.71 | 0.00 |
| 10-07-2021 | 383 | 6358.50 | 5729.00 | 264.94 | 629.50 | 2435.98 | 0.00 |

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| 11-07-2021 | 386 | 5642.75 | 5046.00 | 235.11 | 596.75 | 2177.98 | 0.00 |
| 12-07-2021 | 381 | 6832.75 | 6176.00 | 284.70 | 656.75 | 2601.29 | 0.00 |
| 13-07-2021 | 377 | 7171.00 | 6499.00 | 298.79 | 672.00 | 2702.09 | 0.00 |
| 14-07-2021 | 379 | 7151.25 | 6480.00 | 297.97 | 671.25 | 2708.11 | 0.00 |
| 15-07-2021 | 377 | 7161.50 | 6496.00 | 298.40 | 665.50 | 2697.26 | 0.00 |
| 16-07-2021 | 378 | 7164.00 | 6500.00 | 298.50 | 664.00 | 2706.79 | 0.00 |
| 17-07-2021 | 378 | 7152.50 | 6489.00 | 298.02 | 663.50 | 2702.18 | 0.00 |
| 18-07-2021 | 379 | 7163.25 | 6498.00 | 298.47 | 665.25 | 2717.74 | 0.00 |
| 19-07-2021 | 380 | 7146.50 | 6473.00 | 297.77 | 673.56 | 2715.43 | 0.00 |
| 20-07-2021 | 382 | 7161.75 | 6479.00 | 298.41 | 682.87 | 2737.99 | 0.79 |
| 21-07-2021 | 362 | 6771.75 | 6103.00 | 282.16 | 669.02 | 2453.88 | 12.98 |
| 22-07-2021 | 373 | 6522.75 | 5879.00 | 271.78 | 643.89 | 2435.38 | 21.10 |
| 23-07-2021 | 379 | 7138.75 | 6464.00 | 297.45 | 674.91 | 2708.16 | 0.00 |
| 24-07-2021 | 375 | 7165.00 | 6466.00 | 298.54 | 699.14 | 2687.57 | 0.00 |
| 25-07-2021 | 378 | 7148.75 | 6477.00 | 297.86 | 672.11 | 2698.68 | 0.00 |
| 26-07-2021 | 378 | 6956.75 | 6272.00 | 289.86 | 685.01 | 2629.58 | 0.00 |
| 27-07-2021 | 381 | 6632.50 | 5990.00 | 276.35 | 642.74 | 2524.92 | 0.00 |
| 28-07-2021 | 378 | 7157.00 | 6459.00 | 298.21 | 698.17 | 2706.43 | 0.00 |
| 29-07-2021 | 378 | 6955.50 | 6297.00 | 289.81 | 658.61 | 2630.47 | 0.00 |
| 30-07-2021 | 378 | 7150.00 | 6462.00 | 297.92 | 688.15 | 2704.51 | 0.00 |
| 31-07-2021 | 377 | 7161.75 | 6475.00 | 298.41 | 686.92 | 2701.61 | 0.00 |
| 01-08-2021 | 381 | 6070.50 | 5437.00 | 252.94 | 634.46 | 2311.06 | 0.00 |
| 02-08-2021 | 376 | 7166.25 | 6462.00 | 298.59 | 705.04 | 2696.16 | 0.00 |
| 03-08-2021 | 376 | 7146.00 | 6478.00 | 297.75 | 668.73 | 2690.28 | 0.00 |
| 04-08-2021 | 376 | 6816.50 | 6144.00 | 284.02 | 673.25 | 2561.78 | 8.95 |
| 05-08-2021 | 378 | 7097.75 | 6411.00 | 295.74 | 687.60 | 2682.96 | 0.24 |
| 06-08-2021 | 379 | 7162.50 | 6457.00 | 298.44 | 706.29 | 2718.12 | 0.00 |
| 07-08-2021 | 388 | 7149.25 | 6480.00 | 297.89 | 670.07 | 2777.42 | 0.00 |
| 08-08-2021 | 379 | 6725.25 | 6060.00 | 280.22 | 666.18 | 2547.24 | 0.00 |
| 09-08-2021 | 377 | 6701.25 | 6039.00 | 279.22 | 663.15 | 2524.37 | 0.00 |
| 10-08-2021 | 378 | 6774.00 | 6130.00 | 282.25 | 644.84 | 2562.29 | 0.00 |
| 11-08-2021 | 378 | 7068.75 | 6460.00 | 294.53 | 609.58 | 2672.57 | 0.00 |
| 12-08-2021 | 380 | 7027.25 | 6430.00 | 292.80 | 598.06 | 2667.62 | 0.00 |
| 13-08-2021 | 383 | 6505.50 | 5905.00 | 271.06 | 601.31 | 2489.04 | 0.00 |
| 14-08-2021 | 382 | 6917.25 | 6243.00 | 288.22 | 675.04 | 2643.07 | 0.00 |
| 15-08-2021 | 383 | 6113.75 | 5483.00 | 254.74 | 631.54 | 2339.16 | 0.00 |
| 16-08-2021 | 378 | 6936.75 | 6259.00 | 289.03 | 678.58 | 2624.86 | 0.00 |
| 17-08-2021 | 376 | 6918.50 | 6246.00 | 288.27 | 673.39 | 2604.70 | 0.00 |
| 18-08-2021 | 378 | 7063.00 | 6366.00 | 294.29 | 697.80 | 2671.22 | 0.00 |
| 19-08-2021 | 377 | 6930.00 | 6273.00 | 288.75 | 657.95 | 2614.20 | 0.00 |
| 20-08-2021 | 378 | 6989.50 | 6310.00 | 291.23 | 680.33 | 2641.58 | 0.43 |
| 21-08-2021 | 377 | 7020.50 | 6338.00 | 292.52 | 683.33 | 2647.51 | 0.00 |
| 22-08-2021 | 381 | 6949.00 | 6268.00 | 289.54 | 681.83 | 2648.64 | 0.00 |
| 23-08-2021 | 383 | 6955.50 | 6276.00 | 289.81 | 680.35 | 2661.58 | 0.00 |
| 24-08-2021 | 375 | 7149.00 | 6465.00 | 297.88 | 684.81 | 2684.40 | 0.00 |
| 25-08-2021 | 380 | 7008.00 | 6330.00 | 292.00 | 678.82 | 2661.58 | 0.00 |
| 26-08-2021 | 380 | 6825.50 | 6154.00 | 284.40 | 672.29 | 2592.43 | 0.00 |
| 27-08-2021 | 381 | 6435.50 | 5790.00 | 268.15 | 657.05 | 2454.17 | 0.00 |
| 28-08-2021 | 380 | 7134.50 | 6439.00 | 297.27 | 696.24 | 2708.11 | 0.00 |
| 29-08-2021 | 378 | 6739.00 | 6093.00 | 280.79 | 646.74 | 2545.90 | 0.00 |
| 30-08-2021 | 375 | 6933.50 | 6263.00 | 288.90 | 671.26 | 2600.42 | 0.00 |
| 31-08-2021 | 372 | 7145.50 | 6468.00 | 297.73 | 678.26 | 2657.88 | 0.00 |
| 01-09-2021 | 374 | 7160.00 | 6476.00 | 298.33 | 684.74 | 2678.38 | 0.00 |
| 02-09-2021 | 373 | 7161.00 | 6471.00 | 298.38 | 690.78 | 2674.20 | 0.00 |
| 03-09-2021 | 375 | 7151.50 | 6498.00 | 297.98 | 654.26 | 2683.58 | 0.00 |
| 04-09-2021 | 375 | 7150.00 | 6481.00 | 297.92 | 669.76 | 2684.54 | 0.00 |
| 05-09-2021 | 376 | 6803.00 | 6149.00 | 283.46 | 654.74 | 2555.69 | 0.36 |
| 06-09-2021 | 374 | 7004.00 | 6337.00 | 291.83 | 667.78 | 2619.60 | 0.00 |
| 07-09-2021 | 375 | 7043.00 | 6373.00 | 293.46 | 670.72 | 2637.77 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 08-09-2021 | 375 | 7162.00 | 6461.00 | 298.42 | 701.76 | 2685.86 | 0.00 |
| 09-09-2021 | 379 | 7144.50 | 6476.00 | 297.69 | 669.28 | 2704.49 | 0.00 |
| 10-09-2021 | 377 | 7075.50 | 6399.00 | 294.81 | 677.24 | 2667.60 | 0.00 |
| 11-09-2021 | 375 | 7130.00 | 6449.00 | 297.08 | 681.74 | 2676.84 | 0.00 |
| 12-09-2021 | 378 | 6975.00 | 6277.00 | 290.63 | 698.72 | 2636.21 | 0.00 |
| 13-09-2021 | 379 | 6967.50 | 6309.00 | 290.31 | 659.24 | 2639.98 | 0.00 |
| 14-09-2021 | 378 | 6960.50 | 6290.00 | 290.02 | 671.24 | 2632.73 | 0.00 |
| 15-09-2021 | 378 | 7050.00 | 6369.00 | 293.75 | 681.74 | 2662.54 | 0.00 |
| 16-09-2021 | 374 | 6973.50 | 6299.00 | 290.56 | 675.24 | 2609.74 | 0.00 |
| 17-09-2021 | 374 | 7067.00 | 6389.00 | 294.46 | 678.74 | 2642.40 | 0.00 |
| 18-09-2021 | 374 | 7153.50 | 6471.00 | 298.06 | 683.24 | 2677.51 | 0.00 |
| 19-09-2021 | 374 | 7156.00 | 6453.00 | 298.17 | 703.72 | 2676.96 | 0.00 |
| 20-09-2021 | 376 | 7092.00 | 6420.00 | 295.50 | 672.72 | 2663.11 | 0.24 |
| 21-09-2021 | 389 | 6560.00 | 5892.00 | 273.33 | 668.74 | 2548.75 | 0.00 |
| 22-09-2021 | 374 | 7060.00 | 6377.00 | 294.17 | 683.72 | 2640.02 | 0.00 |
| 23-09-2021 | 373 | 7165.00 | 6458.00 | 298.54 | 707.74 | 2672.98 | 0.00 |
| 24-09-2021 | 374 | 7148.00 | 6469.00 | 297.83 | 679.74 | 2676.82 | 0.00 |
| 25-09-2021 | 374 | 7133.50 | 6441.00 | 297.23 | 693.22 | 2668.06 | 0.00 |
| 26-09-2021 | 376 | 6958.00 | 6260.00 | 289.92 | 698.72 | 2618.86 | 0.00 |
| 27-09-2021 | 384 | 5650.50 | 5043.00 | 235.44 | 608.24 | 2169.67 | 0.00 |
| 28-09-2021 | 382 | 6063.50 | 5412.00 | 252.65 | 709.18 | 2316.19 | 0.00 |
| 29-09-2021 | 377 | 6813.50 | 6154.00 | 283.90 | 659.50 | 2565.89 | 0.00 |
| 30-09-2021 | 378 | 7159.00 | 6472.00 | 298.29 | 687.00 | 2704.32 | 0.00 |
| 01-10-2021 | 375 | 7151.50 | 6469.00 | 297.98 | 682.50 | 2684.21 | 0.00 |
| 02-10-2021 | 381 | 6727.50 | 6070.00 | 280.31 | 657.50 | 2562.91 | 0.00 |
| 03-10-2021 | 382 | 6408.50 | 5764.00 | 267.02 | 644.50 | 2447.59 | 0.00 |
| 04-10-2021 | 379 | 7134.50 | 6454.00 | 297.27 | 680.50 | 2703.96 | 0.00 |
| 05-10-2021 | 380 | 7166.00 | 6470.00 | 298.58 | 696.00 | 2720.30 | 0.38 |
| 06-10-2021 | 383 | 7102.50 | 6436.00 | 295.94 | 666.50 | 2717.42 | 0.00 |
| 07-10-2021 | 382 | 7123.50 | 6442.00 | 296.81 | 681.50 | 2721.67 | 0.00 |
| 08-10-2021 | 381 | 7124.50 | 6419.00 | 296.85 | 705.50 | 2712.02 | 0.00 |
| 09-10-2021 | 388 | 7127.00 | 6450.00 | 296.96 | 677.00 | 2765.28 | 0.00 |
| 10-10-2021 | 386 | 7122.00 | 6407.00 | 296.75 | 715.00 | 2748.29 | 0.00 |
| 11-10-2021 | 394 | 6415.00 | 5770.00 | 267.29 | 645.00 | 2530.49 | 0.00 |
| 12-10-2021 | 390 | 6608.00 | 5939.00 | 275.33 | 669.00 | 2576.21 | 0.00 |
| 13-10-2021 | 388 | 6459.50 | 5791.00 | 269.15 | 668.50 | 2506.18 | 0.00 |
| 14-10-2021 | 409 | 6533.00 | 5863.00 | 272.21 | 670.00 | 2671.22 | 0.00 |
| 15-10-2021 | 382 | 6633.50 | 5969.00 | 276.40 | 664.50 | 2534.64 | 0.00 |
| 16-10-2021 | 383 | 6319.00 | 5669.00 | 263.29 | 650.00 | 2421.31 | 0.00 |
| 17-10-2021 | 393 | 5261.50 | 4658.00 | 219.23 | 603.50 | 2067.84 | 0.00 |
| 18-10-2021 | 395 | 6312.00 | 5668.00 | 263.00 | 644.00 | 2496.14 | 0.00 |
| 19-10-2021 | 394 | 6259.50 | 5612.00 | 260.81 | 647.50 | 2464.03 | 0.00 |
| 20-10-2021 | 386 | 5537.50 | 4921.00 | 230.73 | 616.50 | 2134.90 | 0.77 |
| 21-10-2021 | 385 | 6187.50 | 5554.00 | 257.81 | 633.56 | 2384.62 | 0.00 |
| 22-10-2021 | 395 | 2942.00 | 2595.00 | 122.58 | 405.24 | 1161.31 | 26.86 |
| 05-12-2021 | 293 | 592.00 | 544.00 | 24.67 | 138.82 | 173.21 | 208.85 |
| 06-12-2021 | 413 | 5115.00 | 4627.00 | 213.13 | 488.16 | 2111.30 | 0.00 |
| 07-12-2021 | 422 | 6029.50 | 5503.00 | 251.23 | 527.24 | 2545.99 | 0.00 |
| 08-12-2021 | 395 | 6212.50 | 5672.00 | 258.85 | 541.22 | 2456.42 | 0.00 |
| 09-12-2021 | 394 | 6239.50 | 5696.00 | 259.98 | 544.20 | 2456.93 | 0.00 |
| 10-12-2021 | 394 | 5327.50 | 4841.00 | 221.98 | 524.82 | 2100.65 | 4.68 |
| 23-12-2021 | 355 | 85.00 | 85.00 | 3.54 | 209.34 | 30.22 | 102.82 |
| 24-12-2021 | 371 | 6703.00 | 6126.00 | 279.29 | 587.42 | 2486.35 | 5.35 |
| 25-12-2021 | 363 | 7132.00 | 6511.00 | 297.17 | 621.76 | 2589.84 | 0.00 |
| 26-12-2021 | 373 | 7056.50 | 6436.00 | 294.02 | 621.24 | 2629.87 | 0.00 |
| 27-12-2021 | 372 | 7157.00 | 6490.00 | 298.21 | 667.78 | 2659.87 | 0.00 |
| 28-12-2021 | 369 | 7170.00 | 6495.00 | 298.75 | 675.74 | 2648.06 | 0.00 |
| 29-12-2021 | 369 | 7157.00 | 6511.00 | 298.21 | 646.76 | 2644.37 | 0.00 |
| 30-12-2021 | 369 | 7157.50 | 6498.00 | 298.23 | 660.26 | 2637.91 | 0.00 |

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| 31-12-2021 | 367 | 7175.00 | 6508.00 | 298.96 | 667.76 | 2634.24 | 0.00 |
| 01-01-2022 | 369 | 7157.50 | 6522.00 | 298.23 | 636.26 | 2642.14 | 0.00 |
| 02-01-2022 | 369 | 7086.50 | 6433.00 | 295.27 | 654.24 | 2612.33 | 0.00 |
| 03-01-2022 | 365 | 7148.50 | 6489.00 | 297.85 | 660.26 | 2608.94 | 0.00 |
| 04-01-2022 | 371 | 7162.00 | 6499.00 | 298.42 | 663.74 | 2657.23 | 0.00 |
| 05-01-2022 | 368 | 7147.50 | 6515.00 | 297.81 | 633.24 | 2628.50 | 0.86 |
| 06-01-2022 | 368 | 7158.00 | 6499.00 | 298.25 | 659.76 | 2631.43 | 0.00 |
| 07-01-2022 | 364 | 7148.50 | 6491.00 | 297.85 | 658.24 | 2601.24 | 0.00 |
| 08-01-2022 | 362 | 7149.00 | 6489.00 | 297.88 | 660.72 | 2588.81 | 0.00 |
| 09-01-2022 | 364 | 7165.50 | 6500.00 | 298.56 | 666.26 | 2606.59 | 0.00 |
| 10-01-2022 | 368 | 7143.50 | 6470.00 | 297.65 | 674.26 | 2628.48 | 0.00 |
| 11-01-2022 | 363 | 7162.00 | 6489.00 | 298.42 | 673.74 | 2601.14 | 0.00 |
| 12-01-2022 | 365 | 7157.00 | 6483.00 | 298.21 | 674.74 | 2608.92 | 0.00 |
| 13-01-2022 | 377 | 7094.00 | 6446.00 | 295.58 | 648.74 | 2671.85 | 0.62 |
| 14-01-2022 | 366 | 6750.00 | 6112.00 | 281.25 | 638.76 | 2471.50 | 9.00 |
| 15-01-2022 | 370 | 7157.50 | 6483.00 | 298.23 | 675.26 | 2646.38 | 0.00 |
| 16-01-2022 | 371 | 7149.00 | 6483.00 | 297.88 | 666.76 | 2648.90 | 0.00 |
| 17-01-2022 | 366 | 7161.50 | 6502.00 | 298.40 | 660.28 | 2620.70 | 0.00 |
| 18-01-2022 | 364 | 7148.00 | 6488.00 | 297.83 | 660.74 | 2599.22 | 0.00 |
| 19-01-2022 | 358 | 7166.50 | 6486.00 | 298.60 | 681.28 | 2564.16 | 0.00 |
| 20-01-2022 | 357 | 7145.00 | 6492.00 | 297.71 | 653.76 | 2548.44 | 0.00 |
| 21-01-2022 | 361 | 7148.00 | 6482.00 | 297.83 | 666.80 | 2580.22 | 0.50 |
| 22-01-2022 | 359 | 7166.00 | 6515.00 | 298.58 | 651.80 | 2570.42 | 0.00 |
| 23-01-2022 | 358 | 7149.50 | 6490.00 | 297.90 | 660.26 | 2558.42 | 0.00 |
| 24-01-2022 | 360 | 7149.00 | 6487.00 | 297.88 | 662.76 | 2577.05 | 0.00 |
| 25-01-2022 | 371 | 7166.00 | 6484.00 | 298.58 | 682.76 | 2655.65 | 0.00 |
| 26-01-2022 | 369 | 7144.00 | 6497.00 | 297.67 | 647.76 | 2634.89 | 0.00 |
| 27-01-2022 | 363 | 7150.00 | 6484.00 | 297.92 | 666.76 | 2596.20 | 0.00 |
| 28-01-2022 | 369 | 7161.50 | 6490.00 | 298.40 | 672.30 | 2642.74 | 0.00 |
| 29-01-2022 | 364 | 7149.00 | 6475.00 | 297.88 | 674.78 | 2605.49 | 0.00 |
| 30-01-2022 | 371 | 7166.00 | 6474.00 | 298.58 | 692.76 | 2655.22 | 0.00 |
| 31-01-2022 | 368 | 7148.50 | 6491.00 | 297.85 | 658.22 | 2630.21 | 0.00 |
| 01-02-2022 | 365 | 7157.00 | 6480.00 | 298.21 | 677.78 | 2615.59 | 0.00 |
| 02-02-2022 | 361 | 7157.50 | 6477.00 | 298.23 | 681.22 | 2581.37 | 0.02 |
| 03-02-2022 | 364 | 7145.00 | 6494.00 | 297.71 | 651.70 | 2602.66 | 0.00 |
| 04-02-2022 | 365 | 7180.50 | 6484.00 | 299.19 | 697.20 | 2624.04 | 0.00 |
| 05-02-2022 | 367 | 7165.50 | 6494.00 | 298.56 | 672.24 | 2630.71 | 0.53 |
| 06-02-2022 | 367 | 7166.00 | 6481.00 | 298.58 | 685.72 | 2631.14 | 0.00 |
| 07-02-2022 | 365 | 7178.50 | 6482.00 | 299.10 | 697.24 | 2617.92 | 0.00 |
| 08-02-2022 | 362 | 7169.50 | 6517.00 | 298.73 | 653.24 | 2594.74 | 0.00 |
| 09-02-2022 | 359 | 7190.00 | 6505.00 | 299.58 | 685.74 | 2577.86 | 0.00 |
| 10-02-2022 | 362 | 7180.50 | 6502.00 | 299.19 | 679.22 | 2601.86 | 0.00 |
| 11-02-2022 | 362 | 7183.50 | 6506.00 | 299.31 | 678.24 | 2597.40 | 0.00 |
| 12-02-2022 | 362 | 7200.50 | 6521.00 | 300.02 | 680.24 | 2604.72 | 0.00 |
| 13-02-2022 | 368 | 7087.50 | 6418.00 | 295.31 | 670.24 | 2607.07 | 0.00 |
| 14-02-2022 | 368 | 7159.00 | 6480.00 | 298.29 | 679.74 | 2637.82 | 0.00 |
| 15-02-2022 | 363 | 7184.50 | 6504.00 | 299.35 | 681.22 | 2606.47 | 0.00 |
| 16-02-2022 | 362 | 7184.00 | 6500.00 | 299.33 | 684.74 | 2600.02 | 0.00 |
| 17-02-2022 | 363 | 7192.50 | 6509.00 | 299.69 | 684.24 | 2609.14 | 0.00 |
| 18-02-2022 | 361 | 7192.00 | 6512.00 | 299.67 | 680.72 | 2599.46 | 0.00 |
| 19-02-2022 | 365 | 7184.50 | 6504.00 | 299.35 | 681.22 | 2619.24 | 0.00 |
| 20-02-2022 | 364 | 7202.50 | 6506.00 | 300.10 | 697.22 | 2619.82 | 0.00 |
| 21-02-2022 | 364 | 7187.50 | 6522.00 | 299.48 | 666.24 | 2618.45 | 0.00 |
| 22-02-2022 | 361 | 7206.00 | 6530.00 | 300.25 | 676.74 | 2603.88 | 0.00 |
| 23-02-2022 | 360 | 7191.00 | 6519.00 | 299.63 | 672.72 | 2590.70 | 0.05 |
| 24-02-2022 | 363 | 7210.00 | 6532.00 | 300.42 | 678.76 | 2615.52 | 0.00 |
| 25-02-2022 | 361 | 7153.00 | 6477.00 | 298.04 | 676.74 | 2580.12 | 0.00 |
| 26-02-2022 | 355 | 7168.50 | 6497.00 | 298.69 | 672.24 | 2542.70 | 0.00 |
| 27-02-2022 | 354 | 7147.50 | 6478.00 | 297.81 | 670.24 | 2531.06 | 0.00 |

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| 28-02-2022 | 351 | 7155.00 | 6484.00 | 298.13 | 671.74 | 2514.84 | 0.00 |
| 01-03-2022 | 351 | 7163.00 | 6464.00 | 298.46 | 699.74 | 2512.92 | 0.00 |
| 02-03-2022 | 354 | 7162.50 | 6502.00 | 298.44 | 661.22 | 2537.98 | 0.00 |
| 03-03-2022 | 354 | 7170.00 | 6497.00 | 298.75 | 673.74 | 2537.98 | 0.00 |
| 04-03-2022 | 356 | 7207.50 | 6518.00 | 300.31 | 690.24 | 2564.52 | 0.00 |
| 05-03-2022 | 355 | 7206.50 | 6513.00 | 300.27 | 694.26 | 2557.94 | 0.31 |
| 06-03-2022 | 356 | 7198.00 | 6538.00 | 299.92 | 660.74 | 2561.59 | 0.00 |
| 07-03-2022 | 358 | 7193.50 | 6516.00 | 299.73 | 678.24 | 2572.06 | 0.00 |
| 08-03-2022 | 355 | 7215.00 | 6535.00 | 300.63 | 680.72 | 2564.78 | 0.00 |
| 09-03-2022 | 354 | 7198.00 | 6514.00 | 299.92 | 684.72 | 2550.48 | 0.00 |
| 10-03-2022 | 358 | 7210.00 | 6514.00 | 300.42 | 696.72 | 2580.00 | 0.00 |
| 11-03-2022 | 359 | 7194.50 | 6535.00 | 299.77 | 660.24 | 2586.07 | 0.00 |
| 12-03-2022 | 356 | 7211.50 | 6528.00 | 300.48 | 684.24 | 2567.02 | 0.00 |
| 13-03-2022 | 356 | 7194.00 | 6513.00 | 299.75 | 681.72 | 2562.98 | 0.00 |
| 14-03-2022 | 355 | 7215.50 | 6516.00 | 300.65 | 700.22 | 2560.39 | 0.00 |
| 15-03-2022 | 358 | 7193.50 | 6528.00 | 299.73 | 666.24 | 2573.66 | 0.00 |
| 16-03-2022 | 359 | 7215.50 | 6514.00 | 300.65 | 702.24 | 2587.37 | 0.00 |
| 17-03-2022 | 360 | 7197.50 | 6526.00 | 299.90 | 672.24 | 2590.39 | 0.00 |
| 18-03-2022 | 360 | 7196.50 | 6509.00 | 299.85 | 688.22 | 2589.36 | 0.00 |
| 19-03-2022 | 357 | 7215.00 | 6514.00 | 300.63 | 701.74 | 2577.07 | 0.00 |
| 20-03-2022 | 362 | 7161.50 | 6487.00 | 298.40 | 675.20 | 2590.82 | 0.29 |
| 21-03-2022 | 365 | 7209.00 | 6506.00 | 300.38 | 703.72 | 2631.14 | 0.00 |
| 22-03-2022 | 366 | 7195.50 | 6527.00 | 299.81 | 669.24 | 2631.84 | 0.07 |
| 23-03-2022 | 366 | 7190.50 | 6503.00 | 299.60 | 688.24 | 2631.91 | 0.00 |
| 24-03-2022 | 353 | 7208.00 | 6514.00 | 300.33 | 694.74 | 2543.54 | 0.00 |
| 25-03-2022 | 355 | 7207.50 | 6509.00 | 300.31 | 699.24 | 2555.33 | 0.00 |
| 26-03-2022 | 356 | 7191.00 | 6527.00 | 299.63 | 664.78 | 2557.46 | 0.00 |
| 27-03-2022 | 358 | 7212.50 | 6523.00 | 300.52 | 690.26 | 2579.59 | 0.00 |
| 28-03-2022 | 365 | 7195.00 | 6551.00 | 299.79 | 644.76 | 2625.72 | 0.00 |
| 29-03-2022 | 363 | 7203.50 | 6530.00 | 300.15 | 674.26 | 2616.34 | 0.00 |
| 30-03-2022 | 359 | 7192.00 | 6509.00 | 299.67 | 683.74 | 2582.83 | 0.00 |
| 31-03-2022 | 361 | 7212.50 | 6516.00 | 300.52 | 697.24 | 2603.86 | 0.00 |
| 01-04-2022 | 362 | 7187.00 | 6521.00 | 299.46 | 666.74 | 2603.35 | 0.00 |
| 02-04-2022 | 363 | 7132.00 | 6459.00 | 297.17 | 673.78 | 2587.22 | 0.00 |
| 03-04-2022 | 353 | 7184.50 | 6510.00 | 299.35 | 675.26 | 2537.30 | 0.00 |
| 04-04-2022 | 349 | 7182.50 | 6507.00 | 299.27 | 676.26 | 2504.98 | 0.00 |
| 05-04-2022 | 353 | 7201.50 | 6526.00 | 300.06 | 676.24 | 2539.06 | 0.29 |
| 06-04-2022 | 354 | 7200.00 | 6508.00 | 300.00 | 692.72 | 2550.50 | 0.00 |
| 07-04-2022 | 356 | 7189.50 | 6539.00 | 299.56 | 651.22 | 2555.93 | 0.00 |
| 08-04-2022 | 349 | 7198.00 | 6516.00 | 299.92 | 682.74 | 2514.91 | 0.00 |
| 09-04-2022 | 355 | 7185.00 | 6533.00 | 299.38 | 652.74 | 2553.36 | 0.00 |
| 10-04-2022 | 353 | 7189.50 | 6514.00 | 299.56 | 676.26 | 2535.02 | 0.00 |
| 11-04-2022 | 354 | 7150.00 | 6476.00 | 297.92 | 674.76 | 2533.39 | 0.00 |
| 12-04-2022 | 371 | 7171.50 | 6494.00 | 298.81 | 678.24 | 2657.52 | 0.00 |
| 13-04-2022 | 377 | 5983.50 | 5369.00 | 249.31 | 615.26 | 2257.13 | 0.00 |
| 14-04-2022 | 380 | 5645.00 | 5046.00 | 235.21 | 599.74 | 2144.52 | 0.00 |
| 15-04-2022 | 366 | 6470.00 | 5818.00 | 269.58 | 652.74 | 2367.58 | 0.00 |
| 16-04-2022 | 368 | 6303.00 | 5689.00 | 262.63 | 614.72 | 2318.81 | 0.00 |
| 17-04-2022 | 369 | 6552.50 | 5908.00 | 273.02 | 645.24 | 2416.56 | 0.00 |
| 18-04-2022 | 368 | 7088.50 | 6427.00 | 295.35 | 662.24 | 2609.50 | 0.00 |
| 19-04-2022 | 367 | 7151.00 | 6485.00 | 297.96 | 666.74 | 2625.26 | 0.00 |
| 20-04-2022 | 367 | 7212.50 | 6524.00 | 300.52 | 689.22 | 2649.55 | 0.55 |
| 21-04-2022 | 372 | 7195.50 | 6538.00 | 299.81 | 658.24 | 2674.58 | 0.00 |
| 22-04-2022 | 374 | 7209.00 | 6513.00 | 300.38 | 696.78 | 2693.86 | 0.00 |
| 23-04-2022 | 367 | 7177.00 | 6515.00 | 299.04 | 662.76 | 2631.31 | 0.00 |
| 24-04-2022 | 362 | 7147.00 | 6472.00 | 297.79 | 675.74 | 2590.22 | 0.00 |
| 25-04-2022 | 358 | 7199.00 | 6519.00 | 299.96 | 680.76 | 2579.52 | 0.00 |
| 26-04-2022 | 353 | 7204.00 | 6512.00 | 300.17 | 692.74 | 2541.94 | 0.00 |
| 27-04-2022 | 358 | 7194.50 | 6535.00 | 299.77 | 660.26 | 2573.59 | 0.00 |

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| 28-04-2022 | 351 | 7191.00 | 6514.00 | 299.63 | 677.76 | 2521.51 | 0.00 |
| 29-04-2022 | 351 | 7201.50 | 6499.00 | 300.06 | 703.26 | 2527.46 | 0.00 |
| 30-04-2022 | 353 | 7187.5 | 6519 | 299.48 | 669.24 | 2539.104 | 0 |
| 01-05-2022 | 347 | 7188.00 | 6522.00 | 299.50 | 666.72 | 2495.66 | 0.00 |
| 02-05-2022 | 354 | 7157.00 | 6488.00 | 298.21 | 669.74 | 2531.98 | 0.00 |
| 03-05-2022 | 348 | 7195.50 | 6530.00 | 299.81 | 666.22 | 2504.66 | 0.00 |
| 04-05-2022 | 344 | 7202.00 | 6499.00 | 300.08 | 703.70 | 2475.31 | 0.00 |
| 05-05-2022 | 355 | 7188.50 | 6522.00 | 299.52 | 667.18 | 2548.34 | 0.19 |
| 06-05-2022 | 357 | 7188.50 | 6506.00 | 299.52 | 683.18 | 2568.05 | 0.00 |
| 07-05-2022 | 354 | 7200.50 | 6521.00 | 300.02 | 680.20 | 2547.48 | 0.00 |
| 08-05-2022 | 357 | 7189.00 | 6512.00 | 299.54 | 677.68 | 2567.64 | 0.00 |
| 09-05-2022 | 359 | 7189.00 | 6514.00 | 299.54 | 675.68 | 2581.20 | 0.00 |
| 10-05-2022 | 362 | 7155.50 | 6471.00 | 298.15 | 685.16 | 2589.58 | 0.00 |
| 11-05-2022 | 364 | 6652.00 | 6021.00 | 277.17 | 631.68 | 2418.31 | 0.00 |
| 12-05-2022 | 361 | 7196.00 | 6529.00 | 299.83 | 667.68 | 2601.17 | 0.00 |
| 13-05-2022 | 363 | 7213.50 | 6550.00 | 300.56 | 664.18 | 2615.09 | 0.00 |
| 14-05-2022 | 364 | 6905.50 | 6260.00 | 287.73 | 646.16 | 2516.04 | 0.00 |
| 15-05-2022 | 362 | 5797.00 | 5207.00 | 241.54 | 590.68 | 2100.19 | 0.00 |
| 16-05-2022 | 362 | 5957.50 | 5331.00 | 248.23 | 627.20 | 2153.76 | 0.00 |
| 17-05-2022 | 353 | 7132.00 | 6477.00 | 297.17 | 655.66 | 2519.76 | 0.00 |
| 18-05-2022 | 360 | 7051.50 | 6390.00 | 293.81 | 662.18 | 2540.54 | 0.00 |
| 19-05-2022 | 362 | 7213.00 | 6527.00 | 300.54 | 686.66 | 2609.16 | 0.00 |
| 20-05-2022 | 363 | 7191.00 | 6534.00 | 299.63 | 657.66 | 2609.74 | 0.00 |
| 21-05-2022 | 363 | 7207.50 | 6545.00 | 300.31 | 663.16 | 2618.86 | 0.00 |
| 22-05-2022 | 363 | 7195.00 | 6538.00 | 299.79 | 657.68 | 2614.99 | 0.00 |
| 23-05-2022 | 364 | 7208.50 | 6509.00 | 300.35 | 700.18 | 2622.07 | 0.00 |
| 24-05-2022 | 363 | 7195.50 | 6534.00 | 299.81 | 662.20 | 2609.35 | 0.00 |
| 25-05-2022 | 360 | 7003.00 | 6339.00 | 291.79 | 664.70 | 2521.94 | 0.00 |
| 26-05-2022 | 372 | 7130.50 | 6456.00 | 297.10 | 675.18 | 2654.23 | 0.00 |
| 27-05-2022 | 363 | 6995.00 | 6304.00 | 291.46 | 691.68 | 2542.27 | 0.00 |
| 28-05-2022 | 367 | 6815.50 | 6168.00 | 283.98 | 648.20 | 2503.56 | 0.00 |
| 29-05-2022 | 372 | 5931.00 | 5320.00 | 247.13 | 611.66 | 2208.65 | 0.00 |
| 30-05-2022 | 373 | 6415.00 | 5759.00 | 267.29 | 656.66 | 2390.57 | 0.00 |
| 31-05-2022 | 369 | 6324.50 | 5695.00 | 263.52 | 630.20 | 2330.90 | 0.00 |
| 01-06-2022 | 363 | 6407.50 | 5754.00 | 266.98 | 654.24 | 2328.46 | 0.00 |
| 02-06-2022 | 362 | 6587.00 | 5941.00 | 274.46 | 646.70 | 2384.40 | 0.00 |
| 03-06-2022 | 358 | 6537.50 | 5873.00 | 272.40 | 665.22 | 2338.90 | 0.00 |
| 04-06-2022 | 365 | 6839.50 | 6186.00 | 284.98 | 654.22 | 2496.19 | 0.00 |
| 05-06-2022 | 371 | 5707.00 | 5092.00 | 237.79 | 615.72 | 2116.63 | 0.31 |
| 06-06-2022 | 366 | 6706.50 | 6026.00 | 279.44 | 681.22 | 2452.90 | 0.00 |
| 07-06-2022 | 365 | 6994.00 | 6333.00 | 291.42 | 661.70 | 2549.52 | 0.00 |
| 08-06-2022 | 366 | 6900.00 | 6226.00 | 287.50 | 674.72 | 2524.94 | 0.34 |
| 09-06-2022 | 367 | 7173.00 | 6480.00 | 298.88 | 693.70 | 2628.89 | 0.00 |
| 10-06-2022 | 370 | 6858.00 | 6167.00 | 285.75 | 691.72 | 2539.99 | 0.00 |
| 11-06-2022 | 363 | 6884.50 | 6222.00 | 286.85 | 663.20 | 2500.46 | 0.00 |
| 12-06-2022 | 366 | 6785.50 | 6112.00 | 282.73 | 674.22 | 2482.32 | 0.00 |
| 13-06-2022 | 369 | 6874.50 | 6199.00 | 286.44 | 676.24 | 2537.69 | 0.00 |
| 14-06-2022 | 366 | 6801.00 | 6113.00 | 283.38 | 688.76 | 2486.33 | 0.00 |
| 15-06-2022 | 372 | 6863.00 | 6202.00 | 285.96 | 661.72 | 2550.67 | 0.00 |
| 16-06-2022 | 372 | 7059.50 | 6361.00 | 294.15 | 699.24 | 2625.60 | 0.29 |
| 17-06-2022 | 362 | 7121.50 | 6458.00 | 296.73 | 664.20 | 2574.72 | 0.00 |
| 18-06-2022 | 320 | 974.00 | 891.00 | 40.58 | 284.13 | 311.98 | 66.70 |
| 01-11-2022 | 181 | 19.00 | 19.00 | 0.79 | 174.56 | 3.43 | 118.01 |
| 02-11-2022 | 305 | 289.50 | 285.00 | 12.06 | 176.37 | 88.37 | 82.66 |
| 14-11-2022 | 394 | 2153.50 | 1954.00 | 89.73 | 313.82 | 848.74 | 121.99 |
| 15-11-2022 | 399 | 5020.00 | 4515.00 | 209.17 | 505.78 | 2002.18 | 0.00 |
| 16-11-2022 | 381 | 5849.00 | 5301.00 | 243.71 | 548.78 | 2231.28 | 0.00 |
| 17-11-2022 | 387 | 5938.00 | 5350.00 | 247.42 | 588.76 | 2297.74 | 0.00 |
| 18-11-2022 | 386 | 6091.50 | 5477.00 | 253.81 | 615.28 | 2348.62 | 0.00 |

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| 19-11-2022 | 393 | 5145.00 | 4576.00 | 214.38 | 569.76 | 2021.14 | 0.00 |
| 20-11-2022 | 394 | 4584.00 | 4043.00 | 191.00 | 541.76 | 1804.27 | 0.02 |
| 21-11-2022 | 369 | 6650.00 | 6021.00 | 277.08 | 629.78 | 2451.14 | 0.00 |
| 22-11-2022 | 368 | 7025.00 | 6386.00 | 292.71 | 639.76 | 2584.34 | 0.00 |
| 23-11-2022 | 367 | 7160.50 | 6505.00 | 298.35 | 656.30 | 2626.06 | 0.00 |
| 24-11-2022 | 361 | 7142.50 | 6514.00 | 297.60 | 629.28 | 2579.86 | 0.00 |
| 25-11-2022 | 366 | 7146.00 | 6497.00 | 297.75 | 649.78 | 2613.26 | 0.00 |
| 26-11-2022 | 360 | 7159.50 | 6502.00 | 298.31 | 658.28 | 2579.78 | 0.00 |
| 27-11-2022 | 358 | 7146.00 | 6510.00 | 297.75 | 636.76 | 2555.90 | 0.00 |
| 28-11-2022 | 363 | 7099.50 | 6461.00 | 295.81 | 639.28 | 2576.14 | 0.00 |
| 29-11-2022 | 372 | 7159.50 | 6496.00 | 298.31 | 664.30 | 2666.38 | 0.00 |
| 30-11-2022 | 367 | 7147.50 | 6513.00 | 297.81 | 635.26 | 2623.94 | 0.00 |
| 01-12-2022 | 367 | 7155.00 | 6496.00 | 298.13 | 659.76 | 2624.33 | 0.00 |
| 02-12-2022 | 363 | 7099.00 | 6463.00 | 295.79 | 636.78 | 2578.54 | 0.00 |
| 03-12-2022 | 364 | 7159.50 | 6506.00 | 298.31 | 654.26 | 2605.85 | 0.00 |
| 04-12-2022 | 363 | 6933.50 | 6280.00 | 288.90 | 654.28 | 2518.42 | 0.00 |
| 05-12-2022 | 367 | 6768.00 | 6121.00 | 282.00 | 647.72 | 2483.50 | 0.00 |
| 06-12-2022 | 357 | 6808.00 | 6159.00 | 283.67 | 649.70 | 2428.30 | 0.00 |
| 07-12-2022 | 360 | 7147.50 | 6489.00 | 297.81 | 659.18 | 2574.74 | 0.00 |
| 08-12-2022 | 362 | 6976.00 | 6328.00 | 290.67 | 648.70 | 2525.09 | 0.00 |
| 09-12-2022 | 362 | 6774.00 | 6125.00 | 282.25 | 649.68 | 2455.01 | 0.00 |
| 10-12-2022 | 364 | 6864.50 | 6239.00 | 286.02 | 626.20 | 2500.18 | 0.00 |
| 11-12-2022 | 367 | 6134.50 | 5524.00 | 255.60 | 611.22 | 2248.73 | 0.00 |
| 12-12-2022 | 364 | 6980.50 | 6323.00 | 290.85 | 658.18 | 2542.03 | 0.00 |
| 13-12-2022 | 360 | 7150.50 | 6468.00 | 297.94 | 683.20 | 2577.43 | 0.00 |
| 14-12-2022 | 361 | 7145.00 | 6492.00 | 297.71 | 653.70 | 2579.52 | 0.00 |
| 15-12-2022 | 361 | 7156.50 | 6498.00 | 298.19 | 659.20 | 2581.68 | 0.00 |
| 16-12-2022 | 360 | 7111.50 | 6434.00 | 296.31 | 678.20 | 2558.28 | 0.00 |
| 17-12-2022 | 355 | 7147.00 | 6505.00 | 297.79 | 642.70 | 2538.12 | 0.00 |
| 18-12-2022 | 362 | 7005.50 | 6354.00 | 291.90 | 652.18 | 2532.94 | 0.00 |
| 19-12-2022 | 354 | 4770.50 | 4324.00 | 198.77 | 529.74 | 1686.41 | 0.00 |
| 20-12-2022 | 369 | 3527.00 | 3225.00 | 146.96 | 460.86 | 1301.38 | 94.06 |
| 21-12-2022 | 363 | 7101.50 | 6452.00 | 295.90 | 650.25 | 2577.36 | 0.00 |
| 22-12-2022 | 366 | 6630.50 | 6007.00 | 276.27 | 636.55 | 2425.87 | 8.90 |
| 31-12-2022 | 238 | 285.50 | 266.00 | 11.90 | 220.06 | 67.97 | 109.13 |
| 01-01-2023 | 370 | 6377.50 | 5801.00 | 265.73 | 576.71 | 2360.06 | 3.67 |
| 02-01-2023 | 363 | 7136.50 | 6463.00 | 297.35 | 673.60 | 2587.10 | 0.00 |
| 03-01-2023 | 362 | 7141.50 | 6499.00 | 297.56 | 642.59 | 2582.35 | 0.00 |
| 04-01-2023 | 362 | 7142.50 | 6485.00 | 297.60 | 657.58 | 2583.41 | 0.00 |
| 05-01-2023 | 364 | 7143.50 | 6484.00 | 297.65 | 659.58 | 2601.38 | 0.00 |
| 06-01-2023 | 364 | 7157.50 | 6496.00 | 298.23 | 661.60 | 2603.78 | 0.00 |
| 07-01-2023 | 361 | 7065.50 | 6384.00 | 294.40 | 681.60 | 2552.40 | 0.00 |
| 08-01-2023 | 371 | 5763.00 | 5168.00 | 240.13 | 595.08 | 2136.82 | 0.00 |
| 09-01-2023 | 364 | 6906.00 | 6243.00 | 287.75 | 663.09 | 2511.05 | 0.00 |
| 10-01-2023 | 365 | 7153.50 | 6481.00 | 298.06 | 672.58 | 2613.17 | 0.00 |
| 11-01-2023 | 372 | 7140.50 | 6503.00 | 297.52 | 637.59 | 2658.98 | 0.00 |
| 12-01-2023 | 366 | 7157.50 | 6509.00 | 298.23 | 648.56 | 2621.09 | 0.00 |
| 13-01-2023 | 368 | 7147.50 | 6499.00 | 297.81 | 648.60 | 2633.30 | 0.00 |
| 14-01-2023 | 364 | 7147.00 | 6490.00 | 297.79 | 657.08 | 2598.62 | 0.00 |
| 15-01-2023 | 359 | 7126.50 | 6459.00 | 296.94 | 667.56 | 2559.58 | 0.00 |
| 16-01-2023 | 360 | 7036.50 | 6405.00 | 293.19 | 631.58 | 2535.98 | 0.12 |
| 17-01-2023 | 359 | 7137.50 | 6479.00 | 297.40 | 658.58 | 2564.33 | 0.00 |
| 18-01-2023 | 360 | 7053.50 | 6424.00 | 293.90 | 629.60 | 2539.06 | 4.61 |
| 19-01-2023 | 368 | 7123.50 | 6468.00 | 296.81 | 655.55 | 2619.58 | 0.00 |
| 20-01-2023 | 363 | 7168.00 | 6485.00 | 298.67 | 683.06 | 2601.31 | 0.00 |
| 21-01-2023 | 363 | 6979.50 | 6340.00 | 290.81 | 639.54 | 2535.65 | 0.00 |
| 22-01-2023 | 361 | 6954.50 | 6300.00 | 289.77 | 654.56 | 2507.66 | 0.00 |
| 23-01-2023 | 352 | 7001.00 | 6330.00 | 291.71 | 671.06 | 2460.96 | 0.00 |
| 24-01-2023 | 355 | 6999.00 | 6363.00 | 291.63 | 636.05 | 2485.01 | 0.00 |

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| 25-01-2023 | 361 | 6979.50 | 6330.00 | 290.81 | 649.53 | 2522.71 | 0.00 |
| 26-01-2023 | 356 | 7031.50 | 6364.00 | 292.98 | 667.55 | 2500.20 | 0.00 |
| 27-01-2023 | 352 | 6998.50 | 6363.00 | 291.60 | 635.54 | 2464.39 | 0.17 |
| 28-01-2023 | 350 | 6684.50 | 6096.00 | 278.52 | 588.56 | 2341.75 | 0.00 |
| 29-01-2023 | 358 | 6877.00 | 6280.00 | 286.54 | 597.04 | 2463.55 | 0.00 |
| 30-01-2023 | 363 | 7125.00 | 6470.00 | 296.88 | 655.03 | 2586.12 | 0.00 |
| 31-01-2023 | 360 | 7061.00 | 6407.00 | 294.21 | 654.04 | 2542.82 | 0.00 |
| 01-02-2023 | 368 | 6897.50 | 6246.00 | 287.40 | 651.57 | 2534.93 | 0.00 |
| 02-02-2023 | 372 | 6745.00 | 6098.00 | 281.04 | 647.09 | 2509.01 | 0.00 |
| 03-02-2023 | 358 | 6813.00 | 6154.00 | 283.88 | 659.03 | 2442.17 | 0.00 |
| 04-02-2023 | 357 | 6853.50 | 6226.00 | 285.56 | 627.53 | 2445.79 | 0.00 |
| 05-02-2023 | 355 | 6493.00 | 5864.00 | 270.54 | 629.05 | 2304.67 | 0.29 |
| 06-02-2023 | 354 | 7050.00 | 6392.00 | 293.75 | 658.03 | 2494.06 | 0.00 |
| 07-02-2023 | 359 | 7082.50 | 6433.00 | 295.10 | 649.53 | 2539.61 | 0.00 |
| 08-02-2023 | 363 | 7058.00 | 6392.00 | 294.08 | 666.03 | 2562.94 | 0.00 |
| 09-02-2023 | 367 | 7139.50 | 6499.00 | 297.48 | 640.53 | 2620.70 | 0.00 |
| 10-02-2023 | 363 | 7163.50 | 6499.00 | 298.48 | 664.54 | 2603.11 | 0.00 |
| 11-02-2023 | 354 | 7113.50 | 6449.00 | 296.40 | 664.56 | 2520.72 | 0.00 |
| 12-02-2023 | 356 | 7112.00 | 6435.00 | 296.33 | 677.03 | 2533.97 | 0.00 |
| 13-02-2023 | 358 | 7148.50 | 6498.00 | 297.85 | 650.56 | 2562.31 | 0.00 |
| 14-02-2023 | 358 | 7158.00 | 6470.00 | 298.25 | 688.02 | 2563.49 | 0.00 |
| 15-02-2023 | 359 | 7126.00 | 6467.00 | 296.92 | 659.04 | 2555.83 | 0.00 |
| 16-02-2023 | 353 | 7158.00 | 6469.00 | 298.25 | 689.02 | 2525.11 | 0.10 |
| 17-02-2023 | 359 | 7141.00 | 6486.00 | 297.54 | 655.05 | 2565.31 | 0.00 |
| 18-02-2023 | 368 | 7145.50 | 6467.00 | 297.73 | 678.51 | 2629.06 | 0.00 |
| 19-02-2023 | 358 | 7163.00 | 6482.00 | 298.46 | 681.05 | 2560.99 | 0.00 |
| 20-02-2023 | 356 | 7122.50 | 6445.00 | 296.77 | 677.52 | 2537.33 | 0.00 |
| 21-02-2023 | 358 | 6594.00 | 5934.00 | 274.75 | 660.04 | 2357.69 | 0.00 |
| 22-02-2023 | 358 | 7153.50 | 6496.00 | 298.06 | 657.50 | 2560.20 | 0.00 |
| 23-02-2023 | 355 | 7169.00 | 6485.00 | 298.71 | 684.06 | 2546.45 | 0.00 |
| 24-02-2023 | 354 | 7139.50 | 6485.00 | 297.48 | 654.50 | 2530.61 | 0.00 |
| 25-02-2023 | 360 | 7087.00 | 6417.00 | 295.29 | 670.05 | 2548.68 | 0.14 |
| 26-02-2023 | 358 | 6784.50 | 6135.00 | 282.69 | 649.55 | 2428.10 | 0.00 |
| 27-02-2023 | 355 | 7144.00 | 6476.00 | 297.67 | 668.01 | 2538.89 | 0.00 |
| 28-02-2023 | 350 | 7085.50 | 6396.00 | 295.23 | 689.54 | 2479.82 | 0.00 |
| 01-03-2023 | 351 | 7098.50 | 6448.00 | 295.77 | 650.53 | 2490.31 | 0.00 |
| 02-03-2023 | 350 | 7130.50 | 6467.00 | 297.10 | 663.53 | 2498.86 | 0.00 |
| 03-03-2023 | 349 | 7127.00 | 6443.00 | 296.96 | 684.03 | 2489.62 | 0.00 |
| 04-03-2023 | 355 | 7106.50 | 6453.00 | 296.10 | 653.53 | 2519.23 | 0.00 |
| 05-03-2023 | 354 | 6907.50 | 6246.00 | 287.81 | 661.55 | 2447.71 | 0.24 |
| 06-03-2023 | 356 | 6884.00 | 6213.00 | 286.83 | 671.03 | 2452.01 | 0.00 |
| 07-03-2023 | 353 | 6997.50 | 6329.00 | 291.56 | 668.53 | 2473.44 | 0.00 |
| 08-03-2023 | 354 | 7164.50 | 6475.00 | 298.52 | 689.53 | 2533.18 | 0.00 |
| 09-03-2023 | 350 | 7145.50 | 6477.00 | 297.73 | 668.56 | 2497.32 | 0.00 |
| 10-03-2023 | 349 | 7145.50 | 6463.00 | 297.73 | 682.57 | 2491.80 | 0.00 |
| 11-03-2023 | 349 | 7158.50 | 6478.00 | 298.27 | 680.53 | 2500.80 | 0.00 |
| 12-03-2023 | 355 | 6922.50 | 6258.00 | 288.44 | 664.54 | 2460.36 | 0.00 |
| 13-03-2023 | 358 | 6973.50 | 6313.00 | 290.56 | 660.52 | 2498.26 | 0.00 |
| 14-03-2023 | 354 | 7132.00 | 6464.00 | 297.17 | 668.02 | 2526.96 | 0.00 |
| 15-03-2023 | 354 | 7161.50 | 6493.00 | 298.40 | 668.53 | 2537.78 | 0.00 |
| 16-03-2023 | 358 | 7149.50 | 6481.00 | 297.90 | 668.51 | 2557.49 | 0.22 |
| 17-03-2023 | 358 | 7154.00 | 6472.00 | 298.08 | 682.05 | 2562.29 | 0.00 |
| 18-03-2023 | 358 | 7140.50 | 6479.00 | 297.52 | 661.51 | 2553.36 | 0.00 |
| 19-03-2023 | 361 | 6855.50 | 6187.00 | 285.65 | 668.52 | 2476.08 | 0.00 |
| 20-03-2023 | 363 | 7145.00 | 6473.00 | 297.71 | 672.03 | 2590.54 | 0.00 |
| 21-03-2023 | 359 | 7159.00 | 6480.00 | 298.29 | 679.03 | 2570.47 | 0.00 |
| 22-03-2023 | 358 | 7145.00 | 6482.00 | 297.71 | 663.05 | 2557.87 | 0.00 |
| 23-03-2023 | 358 | 6889.00 | 6232.00 | 287.04 | 657.02 | 2467.32 | 0.00 |
| 24-03-2023 | 357 | 7116.00 | 6437.00 | 296.50 | 679.01 | 2537.11 | 0.00 |

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| 25-03-2023 | 358 | 6952.00 | 6307.00 | 289.67 | 645.03 | 2487.34 | 0.10 |
| 26-03-2023 | 356 | 7044.50 | 6370.00 | 293.52 | 674.56 | 2506.70 | 0.00 |
| 27-03-2023 | 359 | 7019.00 | 6359.00 | 292.46 | 660.00 | 2519.04 | 0.00 |
| 28-03-2023 | 357 | 7154.00 | 6480.00 | 298.08 | 674.04 | 2551.63 | 0.00 |
| 29-03-2023 | 356 | 7137.00 | 6464.00 | 297.38 | 673.01 | 2541.12 | 0.00 |
| 30-03-2023 | 355 | 6916.50 | 6236.00 | 288.19 | 680.52 | 2457.36 | 0.00 |
| 31-03-2023 | 357 | 7140.00 | 6470.00 | 297.50 | 670.06 | 2552.50 | 0.00 |
| 01-04-2023 | 358 | 7157.50 | 6478.00 | 298.23 | 679.56 | 2558.98 | 0.00 |
| 02-04-2023 | 364 | 7139.50 | 6466.00 | 297.48 | 673.58 | 2597.69 | 0.38 |
| 03-04-2023 | 358 | 7158.50 | 6481.00 | 298.27 | 677.56 | 2562.86 | 0.00 |
| 04-04-2023 | 353 | 1584.50 | 1424.00 | 66.02 | 300.99 | 558.82 | 8.47 |
| 16-04-2023 | 376 | 4365.50 | 3876.00 | 181.90 | 535.52 | 1639.30 | 37.42 |
| 17-04-2023 | 358 | 7055.00 | 6464.00 | 293.96 | 591.08 | 2527.03 | 0.00 |
| 18-04-2023 | 359 | 7154.00 | 6502.00 | 298.08 | 652.04 | 2568.05 | 0.00 |
| 19-04-2023 | 360 | 7142.50 | 6495.00 | 297.60 | 647.56 | 2572.61 | 0.00 |
| 20-04-2023 | 358 | 7161.00 | 6477.00 | 298.38 | 684.07 | 2565.36 | 0.00 |
| 21-04-2023 | 359 | 7143.00 | 6494.00 | 297.63 | 649.08 | 2563.22 | 0.00 |
| 22-04-2023 | 356 | 7157.00 | 6482.00 | 298.21 | 675.10 | 2549.30 | 0.00 |
| 23-04-2023 | 359 | 6932.00 | 6294.00 | 288.83 | 638.07 | 2490.79 | 0.00 |
| 24-04-2023 | 358 | 7143.00 | 6482.00 | 297.63 | 661.08 | 2559.48 | 0.00 |
| 25-04-2023 | 357 | 7162.00 | 6484.00 | 298.42 | 678.07 | 2559.17 | 0.10 |
| 26-04-2023 | 361 | 7115.50 | 6473.00 | 296.48 | 642.60 | 2568.60 | 0.00 |
| 27-04-2023 | 362 | 7132.00 | 6462.00 | 297.17 | 670.12 | 2584.01 | 0.00 |
| 28-04-2023 | 361 | 7138.50 | 6469.00 | 297.44 | 669.64 | 2574.29 | 0.00 |
| 29-04-2023 | 361 | 7164.00 | 6492.00 | 298.50 | 672.21 | 2584.78 | 0.00 |
| 30-04-2023 | 366 | 6742.50 | 6089.00 | 280.94 | 653.64 | 2467.13 | 0.00 |
| 01-05-2023 | 364 | 6958.50 | 6276.25 | 289.94 | 682.39 | 2531.38 | 0.00 |
| 02-05-2023 | 362 | 6962.00 | 6308.75 | 290.08 | 653.37 | 2521.42 | 0.00 |
| 03-05-2023 | 364 | 6850.00 | 6199.00 | 285.42 | 651.17 | 2496.43 | 0.00 |
| 04-05-2023 | 365 | 7097.50 | 6423.00 | 295.73 | 674.66 | 2590.10 | 0.00 |
| 05-05-2023 | 368 | 6511.50 | 5882.00 | 271.31 | 629.78 | 2394.29 | 0.10 |
| 06-05-2023 | 375 | 6707.50 | 6044.00 | 279.48 | 663.58 | 2515.34 | 0.00 |
| 07-05-2023 | 364 | 6783.50 | 6109.00 | 282.65 | 674.56 | 2471.23 | 0.00 |
| 08-05-2023 | 373 | 7112.50 | 6441.00 | 296.35 | 671.55 | 2650.13 | 0.00 |
| 09-05-2023 | 376 | 6920.50 | 6249.00 | 288.35 | 671.56 | 2601.50 | 0.00 |
| 10-05-2023 | 366 | 6911.00 | 6245.00 | 287.96 | 666.05 | 2532.29 | 0.00 |
| 11-05-2023 | 365 | 6678.00 | 6024.00 | 278.25 | 654.06 | 2439.00 | 0.00 |
| 12-05-2023 | 363 | 6470.00 | 5823.00 | 269.58 | 647.13 | 2350.42 | 0.00 |
| 13-05-2023 | 364 | 6282.00 | 5655.00 | 261.75 | 627.15 | 2284.30 | 0.00 |
| 14-05-2023 | 361 | 6637.50 | 5981.00 | 276.56 | 656.69 | 2396.30 | 0.00 |
| 15-05-2023 | 351 | 7003.00 | 6309.00 | 291.79 | 694.12 | 2459.18 | 0.00 |
| 16-05-2023 | 355 | 7158.50 | 6495.00 | 298.27 | 663.60 | 2542.06 | 0.12 |
| 17-05-2023 | 363 | 7166.50 | 6476.00 | 298.60 | 690.59 | 2599.75 | 0.00 |
| 18-05-2023 | 358 | 7149.50 | 6490.00 | 297.90 | 659.58 | 2561.47 | 0.00 |
| 19-05-2023 | 348 | 7166.50 | 6490.00 | 298.60 | 693.48 | 2492.98 | 0.00 |
| 20-05-2023 | 355 | 7154.50 | 6484.00 | 298.10 | 730.80 | 2540.06 | 0.00 |
| 21-05-2023 | 358 | 7146.50 | 6467.00 | 297.77 | 679.50 | 2555.35 | 0.00 |
| 22-05-2023 | 358 | 7105.50 | 6428.00 | 296.06 | 677.50 | 2544.79 | 0.00 |
| 23-05-2023 | 360 | 7139.00 | 6460.00 | 297.46 | 679.00 | 2572.01 | 0.00 |
| 24-05-2023 | 354 | 7151.00 | 6472.00 | 297.96 | 679.00 | 2529.58 | 0.00 |
| 25-05-2023 | 355 | 7114.00 | 6437.00 | 296.42 | 677.00 | 2524.30 | 0.17 |
| 26-05-2023 | 364 | 7157.00 | 6465.00 | 298.21 | 692.00 | 2602.70 | 0.00 |
| 27-05-2023 | 350 | 7141.00 | 6476.00 | 297.54 | 665.00 | 2497.22 | 0.00 |
| 28-05-2023 | 351 | 7013.00 | 6341.00 | 292.21 | 672.00 | 2461.87 | 0.00 |
| 29-05-2023 | 355 | 7139.00 | 6462.00 | 297.46 | 677.00 | 2536.39 | 0.00 |
| 30-05-2023 | 358 | 7161.00 | 6485.00 | 298.38 | 676.00 | 2561.18 | 0.00 |
| 31-05-2023 | 363 | 6906.50 | 6239.00 | 287.77 | 667.50 | 2505.02 | 0.00 |
| 01-06-2023 | 360 | 7163.50 | 6461.00 | 298.48 | 702.50 | 2577.96 | 0.00 |
| 02-06-2023 | 365 | 7059.00 | 6386.00 | 294.13 | 673.00 | 2576.14 | 0.00 |

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| 03-06-2023 | 363 | 5837.50 | 5227.00 | 243.23 | 610.50 | 2118.12 | 0.00 |
| 04-06-2023 | 353 | 6410.00 | 5786.00 | 267.08 | 624.00 | 2265.14 | 0.00 |
| 05-06-2023 | 357 | 6998.00 | 6326.00 | 291.58 | 672.00 | 2501.62 | 0.10 |
| 06-06-2023 | 368 | 6665.50 | 6014.00 | 277.73 | 651.50 | 2449.68 | 0.00 |
| 07-06-2023 | 361 | 6743.00 | 6078.00 | 280.96 | 665.00 | 2431.68 | 0.00 |
| 08-06-2023 | 357 | 6692.50 | 6027.00 | 278.85 | 665.50 | 2388.79 | 0.00 |
| 09-06-2023 | 361 | 6970.00 | 6286.00 | 290.42 | 684.00 | 2515.51 | 0.00 |
| 10-06-2023 | 361 | 7161.50 | 6451.00 | 298.40 | 710.50 | 2583.98 | 0.00 |
| 11-06-2023 | 370 | 6970.00 | 6298.00 | 290.42 | 672.00 | 2581.75 | 0.00 |
| 12-06-2023 | 374 | 6826.00 | 6144.00 | 284.42 | 682.00 | 2555.06 | 0.00 |
| 13-06-2023 | 371 | 6983.50 | 6297.00 | 290.98 | 686.50 | 2588.28 | 0.00 |
| 14-06-2023 | 375 | 7018.50 | 6332.00 | 292.44 | 686.50 | 2633.38 | 0.00 |
| 15-06-2023 | 375 | 7137.00 | 6441.00 | 297.38 | 696.00 | 2678.06 | 0.00 |
| 16-06-2023 | 370 | 7138.00 | 6428.00 | 297.42 | 710.00 | 2641.58 | 0.10 |
| 17-06-2023 | 372 | 7161.00 | 6458.00 | 298.38 | 703.00 | 2664.02 | 0.00 |
| 18-06-2023 | 367 | 7115.50 | 6424.00 | 296.48 | 691.50 | 2609.38 | 0.00 |
| 19-06-2023 | 369 | 7159.00 | 6450.00 | 298.29 | 709.00 | 2639.83 | 0.00 |
| 20-06-2023 | 373 | 7146.00 | 6460.00 | 297.75 | 686.00 | 2662.32 | 0.00 |
| 21-06-2023 | 362 | 7148.00 | 6453.00 | 297.83 | 695.00 | 2588.52 | 0.00 |
| 22-06-2023 | 362 | 7164.00 | 6456.00 | 298.50 | 708.00 | 2596.58 | 0.00 |
| 23-06-2023 | 359 | 7142.00 | 6473.00 | 297.58 | 669.00 | 2565.96 | 0.00 |
| 24-06-2023 | 365 | 7156.50 | 6469.00 | 298.19 | 687.50 | 2608.80 | 0.00 |
| 25-06-2023 | 370 | 6484.00 | 5826.00 | 270.17 | 658.00 | 2402.04 | 0.07 |
| 26-06-2023 | 374 | 7087.50 | 6389.00 | 295.31 | 698.50 | 2650.90 | 0.00 |
| 27-06-2023 | 371 | 7141.50 | 6444.00 | 297.56 | 697.50 | 2648.74 | 0.00 |
| 28-06-2023 | 372 | 7111.00 | 6422.00 | 296.29 | 689.00 | 2642.47 | 0.00 |
| 29-06-2023 | 376 | 7142.50 | 6452.00 | 297.60 | 690.50 | 2686.37 | 0.00 |
| 30-06-2023 | 372 | 7133.00 | 6421.00 | 297.21 | 712.00 | 2655.50 | 0.00 |
| 01-07-2023 | 368 | 7071.00 | 6394.00 | 294.63 | 677.00 | 2599.66 | 0.00 |
| 02-07-2023 | 362 | 7044.00 | 6363.00 | 293.50 | 681.00 | 2546.59 | 0.00 |
| 03-07-2023 | 369 | 5626.00 | 5008.00 | 234.42 | 618.00 | 2076.38 | 0.00 |
| 04-07-2023 | 367 | 6622.00 | 5947.00 | 275.92 | 675.00 | 2431.94 | 0.00 |
| 05-07-2023 | 372 | 6376.50 | 5720.00 | 265.69 | 656.50 | 2372.93 | 0.12 |
| 06-07-2023 | 374 | 6398.50 | 5727.00 | 266.60 | 671.50 | 2391.29 | 0.00 |
| 07-07-2023 | 376 | 6804.00 | 6108.00 | 283.50 | 696.00 | 2561.62 | 0.00 |
| 08-07-2023 | 372 | 7153.50 | 6427.00 | 298.06 | 726.50 | 2664.00 | 0.00 |
| 09-07-2023 | 374 | 7137.50 | 6450.00 | 297.40 | 687.50 | 2669.81 | 0.00 |
| 10-07-2023 | 373 | 7081.00 | 6385.00 | 295.04 | 696.00 | 2640.26 | 0.00 |
| 11-07-2023 | 369 | 7146.00 | 6454.00 | 297.75 | 692.00 | 2638.05 | 0.00 |
| 12-07-2023 | 370 | 7154.00 | 6463.00 | 298.08 | 691.00 | 2644.92 | 0.00 |
| 13-07-2023 | 375 | 7151.00 | 6455.00 | 297.96 | 696.00 | 2684.78 | 0.00 |
| 14-07-2023 | 374 | 7146.50 | 6446.00 | 297.77 | 700.50 | 2672.59 | 0.00 |
| 15-07-2023 | 368 | 7161.00 | 6453.00 | 298.38 | 708.00 | 2632.97 | 0.00 |
| 16-07-2023 | 368 | 7146.50 | 6469.00 | 297.77 | 677.50 | 2627.83 | 0.10 |
| 17-07-2023 | 368 | 7140.50 | 6452.00 | 297.52 | 688.53 | 2627.86 | 0.00 |
| 18-07-2023 | 371 | 7159.50 | 6468.00 | 298.31 | 775.75 | 2653.99 | 0.00 |
| 19-07-2023 | 367 | 7176.50 | 6483.00 | 299.02 | 693.50 | 2635.82 | 0.00 |
| 20-07-2023 | 367 | 7190.00 | 6490.00 | 299.58 | 700.00 | 2637.82 | 0.00 |
| 21-07-2023 | 365 | 7175.50 | 6478.00 | 298.98 | 697.50 | 2619.84 | 0.00 |
| 22-07-2023 | 370 | 6899.50 | 6200.00 | 287.48 | 699.50 | 2554.30 | 0.00 |
| 23-07-2023 | 369 | 7026.50 | 6371.00 | 292.77 | 655.50 | 2593.01 | 0.00 |
| 24-07-2023 | 368 | 7137.50 | 6455.00 | 297.40 | 682.50 | 2624.11 | 0.00 |
| 25-07-2023 | 367 | 7159.00 | 6465.00 | 298.29 | 694.00 | 2629.15 | 0.01 |
| 26-07-2023 | 372 | 7191.50 | 6501.00 | 299.65 | 690.50 | 2672.54 | 0.00 |
| 27-07-2023 | 370 | 7195.00 | 6503.00 | 299.79 | 721.80 | 2665.08 | 0.00 |
| 28-07-2023 | 367 | 7179.00 | 6485.00 | 299.13 | 694.06 | 2631.41 | 0.00 |
| 29-07-2023 | 367 | 7169.50 | 6477.00 | 298.73 | 692.52 | 2633.88 | 0.00 |
| 30-07-2023 | 367 | 7197.00 | 6504.00 | 299.88 | 693.03 | 2638.94 | 0.00 |
| 31-07-2023 | 367 | 7138.00 | 6438.00 | 297.42 | 700.03 | 2621.40 | 0.00 |

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| 01-08-2023 | 366 | 7198.50 | 6538.00 | 299.94 | 660.53 | 2638.10 | 0.00 |
| 02-08-2023 | 368 | 7136.50 | 6461.00 | 297.35 | 675.50 | 2623.30 | 0.00 |
| 03-08-2023 | 368 | 7107.00 | 6427.00 | 296.13 | 680.03 | 2615.62 | 0.00 |
| 04-08-2023 | 290 | 6948.50 | 6279.00 | 289.52 | 669.53 | 2012.93 | 0.07 |
| 05-08-2023 | 381 | 2087.50 | 1854.00 | 86.98 | 389.55 | 795.00 | 49.32 |
| 06-08-2023 | 384 | 4453.50 | 3906.00 | 185.56 | 547.60 | 1711.37 | 0.00 |
| 07-08-2023 | 374 | 5540.50 | 4942.00 | 230.85 | 598.59 | 2073.05 | 0.00 |
| 08-08-2023 | 305 | 257.00 | 226.00 | 10.71 | 186.73 | 78.48 | 10.27 |
| 16-08-2023 | 377 | 4409.00 | 3996.00 | 183.71 | 509.30 | 1661.69 | 57.55 |
| 17-08-2023 | 370 | 7178.00 | 6496.00 | 299.08 | 682.01 | 2655.00 | 0.00 |
| 18-08-2023 | 369 | 7217.00 | 6525.00 | 300.71 | 692.00 | 2662.27 | 0.00 |
| 19-08-2023 | 370 | 7201.50 | 6533.00 | 300.06 | 668.50 | 2662.51 | 0.00 |
| 20-08-2023 | 368 | 7030.00 | 6350.00 | 292.92 | 680.00 | 2585.11 | 0.00 |
| 21-08-2023 | 367 | 7152.50 | 6466.00 | 298.02 | 686.50 | 2628.26 | 0.00 |
| 22-08-2023 | 367 | 7144.50 | 6447.00 | 297.69 | 697.50 | 2622.31 | 0.00 |
| 23-08-2023 | 368 | 7211.00 | 6542.00 | 300.46 | 669.00 | 2650.37 | 0.00 |
| 24-08-2023 | 365 | 7224.50 | 6538.00 | 301.02 | 686.50 | 2638.80 | 0.00 |
| 25-08-2023 | 362 | 7235.50 | 6545.00 | 301.48 | 690.50 | 2621.93 | 0.00 |
| 26-08-2023 | 355 | 7223.50 | 6529.00 | 300.98 | 694.50 | 2567.06 | 0.00 |
| 27-08-2023 | 360 | 6853.50 | 6178.00 | 285.56 | 675.50 | 2465.90 | 0.00 |
| 28-08-2023 | 361 | 7225.50 | 6538.00 | 301.06 | 687.50 | 2608.68 | 0.00 |
| 29-08-2023 | 361 | 7242.00 | 6533.00 | 301.75 | 709.00 | 2617.13 | 0.00 |
| 30-08-2023 | 367 | 7190.50 | 6520.00 | 299.60 | 670.50 | 2635.39 | 0.00 |
| 31-08-2023 | 369 | 7229.50 | 6541.00 | 301.23 | 688.50 | 2665.18 | 0.00 |
| 01-09-2023 | 366 | 7224.50 | 6533.00 | 301.02 | 691.50 | 2645.23 | 0.00 |
| 02-09-2023 | 364 | 7055.00 | 6368.00 | 293.96 | 687.00 | 2568.36 | 0.00 |
| 03-09-2023 | 368 | 6616.50 | 5959.00 | 275.69 | 657.50 | 2437.42 | 0.00 |
| 04-09-2023 | 368 | 6323.00 | 5675.00 | 263.46 | 648.00 | 2328.91 | 0.00 |
| 05-09-2023 | 362 | 6972.00 | 6282.00 | 290.50 | 690.00 | 2522.33 | 0.07 |
| 06-09-2023 | 362 | 6952.50 | 6284.00 | 289.69 | 668.50 | 2520.17 | 0.10 |
| 07-09-2023 | 366 | 6950.00 | 6279.00 | 289.58 | 671.00 | 2544.24 | 0.00 |
| 08-09-2023 | 365 | 6836.50 | 6161.00 | 284.85 | 675.50 | 2496.10 | 0.00 |
| 09-09-2023 | 366 | 7077.50 | 6413.00 | 294.90 | 664.50 | 2590.42 | 0.00 |
| 10-09-2023 | 366 | 6757.00 | 6091.00 | 281.54 | 666.00 | 2471.35 | 0.00 |
| 11-09-2023 | 374 | 7078.50 | 6395.00 | 294.94 | 683.50 | 2644.01 | 0.00 |
| 12-09-2023 | 375 | 6533.00 | 5877.00 | 272.21 | 656.00 | 2449.27 | 0.00 |
| 13-09-2023 | 368 | 7111.00 | 6422.00 | 296.29 | 689.00 | 2616.65 | 0.00 |
| 14-09-2023 | 372 | 7201.50 | 6511.00 | 300.06 | 690.50 | 2678.38 | 0.00 |
| 15-09-2023 | 374 | 7135.00 | 6447.00 | 297.29 | 688.00 | 2665.66 | 0.00 |
| 16-09-2023 | 371 | 7197.50 | 6509.00 | 299.90 | 688.50 | 2666.78 | 0.24 |
| 17-09-2023 | 366 | 7145.00 | 6472.00 | 297.71 | 673.00 | 2618.57 | 0.00 |
| 18-09-2023 | 361 | 7001.00 | 6326.00 | 291.71 | 675.00 | 2528.30 | 0.00 |
| 19-09-2023 | 363 | 7197.00 | 6516.00 | 299.88 | 681.00 | 2612.86 | 4.10 |
| 20-09-2023 | 367 | 6996.50 | 6300.00 | 291.52 | 696.50 | 2570.86 | 0.12 |
| 21-09-2023 | 390 | 5286.00 | 4749.00 | 220.25 | 537.00 | 2062.85 | 0.00 |
| 22-09-2023 | 387 | 5357.50 | 4804.00 | 223.23 | 553.50 | 2075.38 | 0.00 |
| 23-09-2023 | 385 | 5365.50 | 4815.00 | 223.56 | 550.50 | 2066.98 | 0.00 |
| 24-09-2023 | 379 | 6076.50 | 5466.00 | 253.19 | 610.50 | 2305.73 | 0.00 |
| 25-09-2023 | 371 | 7164.00 | 6469.00 | 298.50 | 695.00 | 2656.44 | 0.00 |
| 26-09-2023 | 370 | 7240.50 | 6541.00 | 301.69 | 699.50 | 2681.09 | 0.00 |
| 27-09-2023 | 370 | 7184.50 | 6489.00 | 299.35 | 695.50 | 2660.26 | 0.00 |
| 28-09-2023 | 377 | 5643.50 | 5028.00 | 235.15 | 615.50 | 2125.30 | 0.00 |
| 29-09-2023 | 385 | 5283.50 | 4684.00 | 220.15 | 599.50 | 2035.01 | 0.00 |
| 30-09-2023 | 376 | 6733.50 | 6086.00 | 280.56 | 647.50 | 2531.47 | 0.00 |
| 01-10-2023 | 363 | 6378.00 | 5728.00 | 265.75 | 650.00 | 2316.38 | 0.00 |
| 02-10-2023 | 363 | 6785.50 | 6111.00 | 282.73 | 674.50 | 2462.54 | 0.00 |
| 03-10-2023 | 374 | 6746.00 | 6077.00 | 281.08 | 669.00 | 2521.73 | 0.00 |
| 04-10-2023 | 370 | 6812.00 | 6151.00 | 283.83 | 661.00 | 2519.62 | 0.00 |
| 05-10-2023 | 372 | 6776.50 | 6113.00 | 282.35 | 663.50 | 2521.99 | 0.10 |

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| 06-10-2023 | 369 | 6854.50 | 6167.00 | 285.60 | 687.50 | 2527.08 | 0.00 |
| 07-10-2023 | 372 | 7108.50 | 6446.00 | 296.19 | 662.50 | 2643.67 | 0.00 |
| 08-10-2023 | 369 | 6410.00 | 5761.00 | 267.08 | 649.00 | 2367.96 | 0.00 |
| 09-10-2023 | 368 | 7073.00 | 6384.00 | 294.71 | 689.00 | 2601.10 | 0.00 |
| 10-10-2023 | 359 | 7212.50 | 6508.00 | 300.52 | 704.50 | 2587.97 | 0.00 |
| 11-10-2023 | 357 | 6925.50 | 6237.00 | 288.56 | 688.50 | 2474.69 | 0.00 |
| 12-10-2023 | 370 | 6671.00 | 6013.00 | 277.96 | 658.00 | 2469.29 | 0.00 |
| 13-10-2023 | 360 | 6946.00 | 6248.00 | 289.42 | 698.00 | 2500.92 | 0.00 |
| 14-10-2023 | 348 | 6870.50 | 6213.00 | 286.27 | 657.50 | 2389.32 | 0.00 |
| 15-10-2023 | 352 | 5473.50 | 4863.00 | 228.06 | 610.50 | 1924.78 | 0.00 |
| 16-10-2023 | 351 | 6807.00 | 6149.00 | 283.63 | 658.00 | 2387.98 | 0.12 |
| 17-10-2023 | 353 | 6834.50 | 6153.00 | 284.77 | 681.50 | 2413.70 | 0.00 |
| 18-10-2023 | 352 | 6552.50 | 5893.00 | 273.02 | 659.50 | 2308.51 | 0.00 |
| 19-10-2023 | 351 | 6616.00 | 5954.00 | 275.67 | 662.00 | 2325.29 | 0.00 |
| 20-10-2023 | 351 | 6457.00 | 5792.00 | 269.04 | 665.00 | 2269.01 | 0.00 |
| 21-10-2023 | 354 | 5766.50 | 5157.00 | 240.27 | 609.50 | 2041.51 | 0.00 |
| 22-10-2023 | 354 | 5607.50 | 4982.00 | 233.65 | 625.50 | 1987.22 | 0.00 |
| 23-10-2023 | 354 | 6302.50 | 5662.00 | 262.60 | 640.50 | 2232.24 | 0.00 |
| 24-10-2023 | 353 | 6470.00 | 5807.00 | 269.58 | 663.00 | 2280.82 | 0.00 |
| 25-10-2023 | 356 | 6529.00 | 5855.00 | 272.04 | 674.00 | 2321.42 | 0.07 |
| 26-10-2023 | 352 | 6476.00 | 5835.00 | 269.83 | 641.00 | 2278.68 | 0.00 |
| 27-10-2023 | 348 | 6227.00 | 5580.00 | 259.46 | 647.00 | 2167.58 | 0.00 |
| 28-10-2023 | 356 | 5691.50 | 5102.00 | 237.15 | 589.50 | 2026.54 | 0.00 |
| 29-10-2023 | 358 | 5850.00 | 5224.00 | 243.75 | 626.00 | 2094.43 | 0.00 |
| 30-10-2023 | 365 | 6392.00 | 5766.00 | 266.33 | 626.00 | 2331.84 | 0.00 |
| 31-10-2023 | 365 | 6115.00 | 5487.00 | 254.79 | 628.00 | 2228.98 | 0.00 |
| 01-11-2023 | 363 | 5993.50 | 5360.00 | 249.73 | 633.50 | 2175.19 | 0.00 |
| 02-11-2023 | 361 | 6208.00 | 5591.00 | 258.67 | 617.00 | 2239.92 | 0.00 |
| 03-11-2023 | 367 | 5943.00 | 5321.00 | 247.63 | 622.00 | 2180.30 | 0.00 |
| 04-11-2023 | 371 | 4519.00 | 3974.00 | 188.29 | 545.00 | 1678.75 | 0.00 |
| 05-11-2023 | 380 | 4356.50 | 3821.00 | 181.52 | 535.50 | 1656.17 | 0.10 |
| 06-11-2023 | 361 | 5354.00 | 4758.00 | 223.08 | 596.00 | 1934.23 | 0.00 |
| 07-11-2023 | 367 | 4963.50 | 4385.00 | 206.81 | 578.50 | 1819.73 | 0.00 |
| 08-11-2023 | 374 | 4899.00 | 4321.00 | 204.13 | 578.00 | 1832.66 | 0.00 |
| 09-11-2023 | 369 | 4933.00 | 4357.00 | 205.54 | 576.00 | 1821.72 | 0.00 |
| 10-11-2023 | 383 | 4687.00 | 4119.00 | 195.29 | 568.00 | 1797.41 | 0.00 |
| 11-11-2023 | 381 | 4523.00 | 3964.00 | 188.46 | 559.00 | 1725.12 | 0.00 |
| 12-11-2023 | 370 | 4298.50 | 3743.00 | 179.10 | 555.50 | 1590.26 | 0.00 |
| 13-11-2023 | 365 | 4715.50 | 4142.00 | 196.48 | 573.50 | 1719.89 | 0.00 |
| 14-11-2023 | 381 | 4735.00 | 4182.00 | 197.29 | 553.00 | 1802.30 | 0.00 |
| 15-11-2023 | 386 | 4533.00 | 3973.00 | 188.88 | 560.00 | 1750.90 | 0.00 |
| 16-11-2023 | 375 | 5444.50 | 4818.00 | 226.85 | 626.50 | 2040.22 | 0.14 |
| 17-11-2023 | 366 | 5181.50 | 4638.00 | 215.90 | 573.69 | 1894.66 | 12.43 |
| 25-12-2023 | 380 | 3699.00 | 3358.00 | 154.13 | 419.54 | 1406.69 | 55.85 |
| 26-12-2023 | 384 | 5706.50 | 5193.00 | 237.77 | 514.18 | 2193.07 | 0.00 |
| 27-12-2023 | 376 | 5835.00 | 5322.00 | 243.13 | 513.70 | 2192.57 | 0.00 |
| 28-12-2023 | 379 | 6283.00 | 5745.00 | 261.79 | 538.70 | 2383.78 | 0.00 |
| 29-12-2023 | 366 | 6568.50 | 6025.00 | 273.69 | 544.20 | 2405.95 | 0.00 |
| 30-12-2023 | 363 | 6196.50 | 5669.00 | 258.19 | 528.20 | 2248.90 | 0.00 |
| 31-12-2023 | 368 | 5814.00 | 5304.00 | 242.25 | 510.70 | 2137.34 | 0.00 |
| 01-01-2024 | 373 | 5837.00 | 5329.00 | 243.21 | 508.72 | 2175.70 | 0.00 |
| 02-01-2024 | 369 | 6354.50 | 5810.00 | 264.77 | 545.22 | 2347.18 | 0.00 |
| 03-01-2024 | 367 | 6672.00 | 6140.00 | 278.00 | 532.74 | 2449.51 | 0.00 |
| 04-01-2024 | 363 | 6823.50 | 6252.00 | 284.31 | 572.24 | 2479.46 | 0.00 |
| 05-01-2024 | 365 | 6892.00 | 6347.00 | 287.17 | 545.76 | 2517.29 | 0.07 |
| 06-01-2024 | 369 | 6020.50 | 5479.00 | 250.85 | 542.26 | 2221.18 | 0.00 |
| 07-01-2024 | 375 | 5775.00 | 5218.00 | 240.63 | 557.76 | 2168.26 | 0.00 |
| 08-01-2024 | 364 | 6523.50 | 5898.00 | 271.81 | 626.24 | 2373.96 | 0.00 |
| 09-01-2024 | 365 | 6667.50 | 6066.00 | 277.81 | 602.26 | 2432.45 | 0.00 |

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| 10-01-2024 | 363 | 6701.50 | 6080.00 | 279.23 | 622.24 | 2429.38 | 0.00 |
| 11-01-2024 | 369 | 6630.50 | 6007.00 | 276.27 | 624.24 | 2447.11 | 0.00 |
| 12-01-2024 | 371 | 6717.00 | 6089.00 | 279.88 | 628.74 | 2490.62 | 0.00 |
| 13-01-2024 | 373 | 6361.50 | 5750.00 | 265.06 | 612.22 | 2374.51 | 0.00 |
| 14-01-2024 | 367 | 5982.50 | 5385.00 | 249.27 | 598.22 | 2198.47 | 0.00 |
| 15-01-2024 | 369 | 5819.50 | 5224.00 | 242.48 | 596.24 | 2149.37 | 0.00 |
| 16-01-2024 | 362 | 6699.00 | 6075.00 | 279.13 | 624.72 | 2422.58 | 0.19 |
| 17-01-2024 | 366 | 7180.00 | 6535.00 | 299.17 | 645.75 | 2626.73 | 0.00 |
| 18-01-2024 | 364 | 7178.00 | 6524.00 | 299.08 | 654.78 | 2609.76 | 0.00 |
| 19-01-2024 | 362 | 7164.50 | 6508.00 | 298.52 | 657.27 | 2590.13 | 0.00 |
| 20-01-2024 | 372 | 7156.00 | 6491.00 | 298.17 | 665.74 | 2660.26 | 0.00 |
| 21-01-2024 | 377 | 6832.00 | 6175.00 | 284.67 | 657.68 | 2575.13 | 0.00 |
| 22-01-2024 | 365 | 7144.00 | 6471.00 | 297.67 | 673.71 | 2606.66 | 0.00 |
| 23-01-2024 | 360 | 7159.00 | 6472.00 | 298.29 | 687.71 | 2574.98 | 0.00 |
| 24-01-2024 | 362 | 7135.00 | 6477.00 | 297.29 | 658.72 | 2580.19 | 0.00 |
| 25-01-2024 | 361 | 6919.00 | 6256.00 | 288.29 | 663.72 | 2497.44 | 0.12 |
| 26-01-2024 | 359 | 7106.00 | 6445.00 | 296.08 | 661.72 | 2551.49 | 0.00 |
| 27-01-2024 | 358 | 7156.00 | 6472.00 | 298.17 | 684.73 | 2560.32 | 0.00 |
| 28-01-2024 | 362 | 6057.00 | 5455.00 | 252.38 | 602.72 | 2192.26 | 0.00 |
| 29-01-2024 | 360 | 7062.00 | 6409.00 | 294.25 | 653.69 | 2541.38 | 0.00 |
| 30-01-2024 | 359 | 7143.00 | 6481.00 | 297.63 | 662.72 | 2566.25 | 0.00 |
| 31-01-2024 | 359 | 7094.00 | 6424.00 | 295.58 | 670.70 | 2548.78 | 0.00 |
| 01-02-2024 | 361 | 7133.00 | 6458.00 | 297.21 | 675.74 | 2572.94 | 0.00 |
| 02-02-2024 | 365 | 6963.00 | 6301.00 | 290.13 | 662.74 | 2542.97 | 0.00 |
| 03-02-2024 | 362 | 6750.00 | 6080.00 | 281.25 | 670.74 | 2445.36 | 0.00 |
| 04-02-2024 | 362 | 6783.00 | 6134.00 | 282.63 | 649.74 | 2456.74 | 0.00 |
| 05-02-2024 | 359 | 6939.00 | 6271.00 | 289.13 | 668.72 | 2488.94 | 0.00 |
| 06-02-2024 | 360 | 7009.00 | 6342.00 | 292.04 | 667.74 | 2524.94 | 0.34 |
| 07-02-2024 | 362 | 7155.00 | 6481.00 | 298.13 | 674.72 | 2592.22 | 0.00 |
| 08-02-2024 | 363 | 7084.00 | 6413.00 | 295.17 | 671.75 | 2572.15 | 0.00 |
| 09-02-2024 | 362 | 7159.00 | 6483.00 | 298.29 | 676.71 | 2590.22 | 0.00 |
| 10-02-2024 | 363 | 7077.00 | 6404.00 | 294.88 | 673.72 | 2565.65 | 0.00 |
| 11-02-2024 | 363 | 6799.00 | 6142.00 | 283.29 | 657.72 | 2466.91 | 0.00 |
| 12-02-2024 | 360 | 7134.00 | 6452.00 | 297.25 | 682.74 | 2566.20 | 0.00 |
| 13-02-2024 | 360 | 7139.00 | 6478.00 | 297.46 | 661.74 | 2567.95 | 0.00 |
| 14-02-2024 | 357 | 7157.00 | 6478.00 | 298.21 | 679.72 | 2556.29 | 0.00 |
| 15-02-2024 | 361 | 7138.00 | 6490.00 | 297.42 | 648.74 | 2578.78 | 0.00 |
| 16-02-2024 | 359 | 7153.00 | 6482.00 | 298.04 | 671.74 | 2568.96 | 0.12 |
| 17-02-2024 | 358 | 7143.00 | 6474.00 | 297.63 | 669.74 | 2556.05 | 0.00 |
| 18-02-2024 | 361 | 6704.00 | 6054.00 | 279.33 | 650.74 | 2420.90 | 0.00 |
| 19-02-2024 | 358 | 7154.00 | 6468.00 | 298.08 | 686.72 | 2557.82 | 0.00 |
| 20-02-2024 | 361 | 7137.00 | 6482.00 | 297.38 | 655.75 | 2575.34 | 0.00 |
| 21-02-2024 | 360 | 7143.00 | 6474.00 | 297.63 | 669.73 | 2573.78 | 0.00 |
| 22-02-2024 | 359 | 7161.00 | 6476.00 | 298.38 | 685.74 | 2572.61 | 0.00 |
| 23-02-2024 | 363 | 6733.00 | 6072.00 | 280.54 | 661.75 | 2443.56 | 0.00 |
| 24-02-2024 | 369 | 7135.00 | 6450.00 | 297.29 | 685.73 | 2634.48 | 0.00 |
| 25-02-2024 | 366 | 6970.00 | 6284.00 | 290.42 | 686.72 | 2551.27 | 0.17 |
| 26-02-2024 | 365 | 7132.00 | 6474.00 | 297.17 | 658.74 | 2600.88 | 0.00 |
| 27-02-2024 | 363 | 7138.00 | 6464.00 | 297.42 | 674.74 | 2594.23 | 0.00 |
| 28-02-2024 | 359 | 7161.00 | 6486.00 | 298.38 | 675.76 | 2569.01 | 0.00 |
| 29-02-2024 | 358 | 7144.00 | 6474.00 | 297.67 | 670.76 | 2558.52 | 0.00 |
| 01-03-2024 | 363 | 7156.00 | 6470.00 | 298.17 | 686.74 | 2598.10 | 0.00 |
| 02-03-2024 | 360 | 7140.00 | 6484.00 | 297.50 | 656.74 | 2569.90 | 0.00 |
| 03-03-2024 | 362 | 6677.00 | 6026.00 | 278.21 | 651.75 | 2418.91 | 0.00 |
| 04-03-2024 | 362 | 7160.00 | 6484.00 | 298.33 | 676.73 | 2589.00 | 0.00 |
| 05-03-2024 | 360 | 7143.00 | 6494.00 | 297.63 | 649.77 | 2571.77 | 0.07 |
| 06-03-2024 | 360 | 7143.00 | 6492.00 | 297.63 | 651.73 | 2570.09 | 0.00 |
| 07-03-2024 | 358 | 7157.00 | 6496.00 | 298.21 | 661.77 | 2559.48 | 0.00 |
| 08-03-2024 | 358 | 7142.00 | 6478.00 | 297.58 | 664.71 | 2558.69 | 0.00 |

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| 09-03-2024 | 361 | 7145.00 | 6476.00 | 297.71 | 669.76 | 2576.81 | 0.00 |
| 10-03-2024 | 364 | 6477.00 | 5820.00 | 269.88 | 657.74 | 2359.10 | 0.00 |
| 11-03-2024 | 370 | 7139.00 | 6478.00 | 297.46 | 661.74 | 2641.63 | 0.00 |
| 12-03-2024 | 368 | 7156.00 | 6470.00 | 298.17 | 686.74 | 2635.34 | 0.00 |
| 13-03-2024 | 367 | 7144.00 | 6486.00 | 297.67 | 658.74 | 2623.99 | 0.00 |
| 14-03-2024 | 367 | 7144.00 | 6472.00 | 297.67 | 672.74 | 2624.28 | 0.00 |
| 15-03-2024 | 366 | 7153.00 | 6480.00 | 298.04 | 673.76 | 2616.00 | 0.00 |
| 16-03-2024 | 363 | 7147.00 | 6478.00 | 297.79 | 669.74 | 2591.86 | 0.14 |
| 17-03-2024 | 363 | 7159.00 | 6504.00 | 298.29 | 655.74 | 2595.86 | 0.00 |
| 18-03-2024 | 361 | 7172.00 | 6504.00 | 298.83 | 668.74 | 2592.29 | 0.00 |
| 19-03-2024 | 359 | 7173.00 | 6492.00 | 298.88 | 681.74 | 2576.47 | 0.00 |
| 20-03-2024 | 366 | 7160.00 | 6502.00 | 298.33 | 658.74 | 2620.99 | 0.00 |
| 21-03-2024 | 364 | 7161.00 | 6492.00 | 298.38 | 669.74 | 2606.54 | 0.00 |
| 22-03-2024 | 366 | 7158.00 | 6488.00 | 298.25 | 670.74 | 2619.38 | 0.00 |
| 23-03-2024 | 369 | 7175.00 | 6502.00 | 298.96 | 673.74 | 2649.91 | 0.00 |
| 24-03-2024 | 368 | 6716.90 | 6092.73 | 279.87 | 624.17 | 2469.05 | 0.00 |
| 25-03-2024 | 362 | 7132.32 | 6494.40 | 297.18 | 637.92 | 2584.01 | 0.12 |
| 26-03-2024 | 358 | 7195.68 | 6557.76 | 299.82 | 637.92 | 2577.07 | 0.00 |
| 27-03-2024 | 357 | 7196.28 | 6546.58 | 299.85 | 649.70 | 2565.50 | 0.00 |
| 28-03-2024 | 366 | 7008.80 | 6200.28 | 292.03 | 812.26 | 2562.34 | 0.00 |
| 29-03-2024 | 374 | 7175.24 | 6496.42 | 298.97 | 679.56 | 2680.49 | 0.00 |
| 30-03-2024 | 372 | 7132.36 | 6456.08 | 297.18 | 677.02 | 2649.98 | 0.00 |
| 31-03-2024 | 363 | 7180.85 | 6487.50 | 299.20 | 694.11 | 2603.86 | 0.00 |
| 01-04-2024 | 369 | 7149.21 | 6476.92 | 297.88 | 673.03 | 2639.02 | 0.00 |
| 02-04-2024 | 368 | 7157.05 | 6477.53 | 298.21 | 680.26 | 2634.79 | 0.00 |
| 03-04-2024 | 366 | 7142.16 | 6465.82 | 297.59 | 677.08 | 2612.11 | 0.00 |
| 04-04-2024 | 372 | 7163.62 | 6474.38 | 298.48 | 689.98 | 2661.26 | 0.00 |
| 05-04-2024 | 368 | 7186.45 | 6503.32 | 299.44 | 683.89 | 2644.20 | 0.10 |
| 06-04-2024 | 368 | 7150.01 | 6471.83 | 297.92 | 678.92 | 2629.68 | 0.00 |
| 07-04-2024 | 374 | 7167.95 | 6487.00 | 298.66 | 681.69 | 2680.51 | 0.00 |
| 08-04-2024 | 376 | 7143.11 | 6464.52 | 297.63 | 679.33 | 2687.64 | 0.00 |
| 09-04-2024 | 378 | 7179.59 | 6502.73 | 299.15 | 677.62 | 2715.10 | 0.00 |
| 10-04-2024 | 374 | 7173.14 | 6493.27 | 298.88 | 680.63 | 2682.46 | 0.00 |
| 11-04-2024 | 373 | 7134.82 | 6450.68 | 297.28 | 684.90 | 2662.06 | 0.00 |
| 12-04-2024 | 369 | 7047.44 | 6368.85 | 293.64 | 679.37 | 2600.74 | 0.00 |
| 13-04-2024 | 374 | 6819.17 | 6150.70 | 284.13 | 669.23 | 2551.99 | 0.00 |
| 14-04-2024 | 380 | 6691.05 | 6033.60 | 278.79 | 658.21 | 2542.82 | 0.00 |
| 15-04-2024 | 369 | 6882.96 | 6205.40 | 286.79 | 678.32 | 2542.44 | 0.00 |
| 16-04-2024 | 368 | 6970.77 | 6292.87 | 290.45 | 678.66 | 2568.38 | 0.00 |
| 17-04-2024 | 373 | 7193.00 | 6505.28 | 299.71 | 688.48 | 2683.42 | 0.17 |
| 18-04-2024 | 376 | 7081.40 | 6412.50 | 295.06 | 669.66 | 2659.13 | 0.00 |
| 19-04-2024 | 372 | 7128.29 | 6450.00 | 297.01 | 679.05 | 2654.18 | 0.00 |
| 20-04-2024 | 368 | 7160.28 | 6477.97 | 298.35 | 683.07 | 2635.73 | 0.00 |
| 21-04-2024 | 347 | 1054.72 | 952.28 | 43.95 | 253.88 | 366.26 | 10.99 |
| 29-04-2024 | 376 | 1791.11 | 1640.17 | 74.63 | 301.30 | 672.96 | 82.94 |
| 30-04-2024 | 364 | 7168.38 | 6533.93 | 298.68 | 635.23 | 2610.55 | 0.00 |
| 01-05-2024 | 368 | 6923.10 | 6262.42 | 288.46 | 661.44 | 2545.25 | 0.00 |
| 02-05-2024 | 373 | 7209.96 | 6535.73 | 300.42 | 674.99 | 2687.21 | 0.00 |
| 03-05-2024 | 369 | 7201.51 | 6532.57 | 300.06 | 669.70 | 2654.78 | 0.00 |
| 04-05-2024 | 373 | 7182.49 | 6512.25 | 299.27 | 670.98 | 2681.16 | 0.00 |
| 05-05-2024 | 368 | 7268.38 | 6596.25 | 302.85 | 672.87 | 2675.88 | 0.00 |
| 06-05-2024 | 372 | 7060.69 | 6394.50 | 294.20 | 666.91 | 2627.23 | 0.00 |
| 07-05-2024 | 371 | 7145.35 | 6473.25 | 297.72 | 672.84 | 2652.55 | 0.00 |
| 08-05-2024 | 369 | 7171.79 | 6499.80 | 298.82 | 672.73 | 2644.15 | 0.00 |
| 09-05-2024 | 367 | 7200.77 | 6525.83 | 300.03 | 675.68 | 2644.44 | 0.00 |
| 10-05-2024 | 370 | 7164.90 | 6497.92 | 298.54 | 667.72 | 2653.32 | 0.00 |
| 11-05-2024 | 370 | 7175.01 | 6508.95 | 298.96 | 666.80 | 2657.47 | 0.00 |
| 12-05-2024 | 368 | 7149.47 | 6483.25 | 297.89 | 666.96 | 2631.89 | 0.00 |
| 13-05-2024 | 368 | 7108.23 | 6446.90 | 296.18 | 662.09 | 2613.48 | 0.00 |

| 14-05-2024 | 372 | 7176.46 | 6512.03 | 299.02 | 665.15 | 2671.58 | 0.00 |
|---|---|---|---|---|---|---|---|
| 15-05-2024 | 370 | 7188.73 | 6522.30 | 299.53 | 667.19 | 2661.41 | 0.00 |
| 16-05-2024 | 370 | 7150.63 | 6483.30 | 297.94 | 668.07 | 2644.51 | 0.00 |
| 17-05-2024 | 372 | 7143.49 | 6477.97 | 297.65 | 666.26 | 2658.12 | 0.00 |
| 18-05-2024 | 370 | 6856.36 | 6196.50 | 285.68 | 660.62 | 2537.81 | 0.00 |
| 19-05-2024 | 369 | 6413.65 | 5775.45 | 267.24 | 638.96 | 2369.47 | 0.00 |
| 20-05-2024 | 371 | 6858.06 | 6212.40 | 285.75 | 646.40 | 2546.45 | 0.00 |
| 21-05-2024 | 379 | 6798.49 | 6150.15 | 283.27 | 649.08 | 2574.94 | 0.00 |
| 22-05-2024 | 384 | 6312.31 | 5679.30 | 263.01 | 633.77 | 2422.44 | 0.00 |
| 23-05-2024 | 388 | 5679.95 | 5077.43 | 236.66 | 603.10 | 2204.59 | 0.00 |
| 24-05-2024 | 385 | 5677.55 | 5073.45 | 236.56 | 604.10 | 2183.30 | 0.00 |
| 25-05-2024 | 382 | 6632.71 | 5985.00 | 276.36 | 647.71 | 2531.09 | 0.00 |
| 26-05-2024 | 395 | 5575.57 | 4981.95 | 232.32 | 593.62 | 2203.13 | 0.22 |
| 27-05-2024 | 381 | 6815.74 | 6166.65 | 283.99 | 649.09 | 2597.81 | 0.00 |
| 28-05-2024 | 385 | 6781.53 | 6141.00 | 282.56 | 640.53 | 2613.31 | 0.00 |
| 29-05-2024 | 382 | 6931.95 | 6284.85 | 288.83 | 647.10 | 2645.81 | 0.00 |
| 30-05-2024 | 377 | 7008.93 | 6354.45 | 292.04 | 654.48 | 2641.01 | 0.00 |
| 31-05-2024 | 371 | 7090.20 | 6426.22 | 295.43 | 663.98 | 2629.34 | 4.92 |
| 01-06-2024 | 379 | 7110.16 | 6447.60 | 296.26 | 662.56 | 2694.58 | 0.00 |
| 02-06-2024 | 375 | 6775.39 | 6127.50 | 282.31 | 647.89 | 2540.86 | 0.00 |
| 03-06-2024 | 385 | 6833.86 | 6178.88 | 284.74 | 654.98 | 2631.36 | 0.00 |
| 04-06-2024 | 379 | 7185.48 | 6511.95 | 299.40 | 673.53 | 2721.79 | 0.00 |
| 05-06-2024 | 379 | 7175.61 | 6508.27 | 298.98 | 667.34 | 2722.61 | 0.48 |
| 06-06-2024 | 379 | 7114.59 | 6449.03 | 296.44 | 665.56 | 2698.22 | 0.00 |
| 07-06-2024 | 380 | 6355.27 | 5726.62 | 264.80 | 628.65 | 2415.41 | 0.00 |
| 08-06-2024 | 372 | 6579.90 | 5936.03 | 274.16 | 643.87 | 2446.27 | 0.00 |
| 09-06-2024 | 384 | 5998.42 | 5387.92 | 249.93 | 610.50 | 2305.90 | 0.00 |
| 10-06-2024 | 378 | 6457.05 | 5813.25 | 269.04 | 643.80 | 2443.82 | 0.00 |
| 11-06-2024 | 368 | 6681.07 | 6027.90 | 278.38 | 653.17 | 2461.56 | 0.00 |
| 12-06-2024 | 364 | 6910.95 | 6251.25 | 287.96 | 659.70 | 2517.12 | 0.00 |
| 13-06-2024 | 363 | 6918.93 | 6260.10 | 288.29 | 658.83 | 2513.14 | 0.00 |
| 14-06-2024 | 362 | 6935.59 | 6273.53 | 288.98 | 662.06 | 2512.27 | 0.00 |
| 15-06-2024 | 365 | 6908.18 | 6244.80 | 287.84 | 663.38 | 2519.16 | 0.00 |
| 16-06-2024 | 367 | 6452.82 | 5813.25 | 268.87 | 639.57 | 2366.90 | 0.22 |
| 17-06-2024 | 367 | 6869.46 | 6208.72 | 286.23 | 660.74 | 2518.80 | 0.00 |
| 18-06-2024 | 364 | 6909.30 | 6244.65 | 287.89 | 664.65 | 2513.16 | 0.00 |
| 19-06-2024 | 362 | 6925.14 | 6255.23 | 288.55 | 669.91 | 2503.82 | 0.00 |
| 20-06-2024 | 365 | 6811.06 | 6159.60 | 283.79 | 651.46 | 2484.86 | 0.00 |
| 21-06-2024 | 376 | 5164.27 | 4586.10 | 215.18 | 578.17 | 1943.71 | 0.00 |
| 22-06-2024 | 380 | 4956.79 | 4394.62 | 206.53 | 562.17 | 1885.61 | 0.00 |
| 23-06-2024 | 382 | 4859.60 | 4302.68 | 202.48 | 556.92 | 1858.61 | 0.00 |
| 24-06-2024 | 371 | 5148.62 | 4633.35 | 214.53 | 532.63 | 1910.09 | 0.00 |
| 25-06-2024 | 366 | 3414.20 | 3074.40 | 142.26 | 466.74 | 1250.09 | 43.20 |
| 26-06-2024 | 364 | 6362.67 | 5724.67 | 265.11 | 638.22 | 2317.49 | 0.00 |
| 27-06-2024 | 363 | 6278.80 | 5640.83 | 261.62 | 637.97 | 2278.82 | 0.00 |
| 28-06-2024 | 366 | 6403.26 | 5756.77 | 266.80 | 646.49 | 2342.47 | 0.00 |
| 29-06-2024 | 369 | 6209.01 | 5572.88 | 258.71 | 636.13 | 2293.99 | 0.00 |
| 30-06-2024 | 364 | 6183.90 | 5545.50 | 257.66 | 638.40 | 2252.33 | 0.00 |
| 01-07-2024 | 364 | 6716.51 | 6053.55 | 279.85 | 662.96 | 2444.50 | 0.00 |
| 02-07-2024 | 365 | 6960.95 | 6283.05 | 290.04 | 677.90 | 2538.02 | 0.00 |
| 03-07-2024 | 372 | 6922.67 | 6249.67 | 288.44 | 673.00 | 2574.48 | 0.00 |
| 04-07-2024 | 373 | 6887.07 | 6218.55 | 286.96 | 668.52 | 2569.13 | 0.00 |
| 05-07-2024 | 368 | 6923.40 | 6259.80 | 288.48 | 663.60 | 2550.62 | 0.12 |
| 06-07-2024 | 374 | 6951.28 | 6285.38 | 289.64 | 665.90 | 2596.87 | 0.00 |
| 07-07-2024 | 366 | 6566.34 | 5920.87 | 273.60 | 645.47 | 2404.06 | 0.00 |
| 08-07-2024 | 366 | 6831.68 | 6175.95 | 284.65 | 655.73 | 2498.52 | 0.00 |
| 09-07-2024 | 365 | 6913.38 | 6254.33 | 288.06 | 659.05 | 2524.75 | 0.00 |
| 10-07-2024 | 363 | 6945.93 | 6276.45 | 289.41 | 669.48 | 2522.30 | 0.00 |
| 11-07-2024 | 370 | 6908.74 | 6240.45 | 287.86 | 668.29 | 2557.34 | 0.00 |

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| 12-07-2024 | 367 | 6928.30 | 6251.70 | 288.68 | 676.60 | 2546.04 | 0.00 |
| 13-07-2024 | 364 | 6776.38 | 6111.52 | 282.35 | 664.86 | 2466.96 | 0.00 |
| 14-07-2024 | 368 | 6259.63 | 5627.48 | 260.82 | 632.15 | 2303.42 | 0.00 |
| 15-07-2024 | 362 | 6779.84 | 6114.67 | 282.49 | 665.17 | 2452.46 | 0.00 |
| 16-07-2024 | 365 | 6614.11 | 5957.10 | 275.59 | 657.01 | 2414.64 | 0.14 |
| 17-07-2024 | 368 | 6137.31 | 5503.13 | 255.72 | 634.18 | 2258.88 | 0.00 |
| 18-07-2024 | 366 | 6249.43 | 5618.70 | 260.39 | 630.73 | 2286.96 | 0.00 |
| 19-07-2024 | 364 | 5989.75 | 5394.22 | 249.57 | 618.59 | 2177.50 | 9.14 |
| 20-07-2024 | 458 | 77.39 | 77.10 | 3.22 | 191.51 | 35.42 | 6.96 |
| 13-08-2024 | 377 | 716.50 | 658.13 | 29.85 | 224.35 | 269.90 | 87.70 |
| 14-08-2024 | 369 | 7181.71 | 6580.50 | 299.24 | 601.21 | 2648.42 | 0.00 |
| 15-08-2024 | 373 | 7095.83 | 6474.00 | 295.66 | 621.83 | 2649.29 | 0.00 |
| 16-08-2024 | 367 | 7182.50 | 6513.67 | 299.27 | 668.83 | 2638.32 | 0.00 |
| 17-08-2024 | 369 | 6716.38 | 6066.08 | 279.85 | 650.30 | 2478.58 | 0.00 |
| 18-08-2024 | 376 | 6363.20 | 5724.67 | 265.13 | 638.53 | 2390.14 | 0.00 |
| 19-08-2024 | 379 | 6676.13 | 6027.00 | 278.17 | 649.13 | 2530.99 | 0.00 |
| 20-08-2024 | 372 | 6947.47 | 6278.33 | 289.48 | 669.14 | 2583.62 | 0.00 |
| 21-08-2024 | 372 | 6977.85 | 6311.25 | 290.74 | 666.60 | 2597.28 | 0.00 |
| 22-08-2024 | 372 | 6972.47 | 6302.47 | 290.52 | 670.00 | 2593.68 | 0.36 |
| 23-08-2024 | 372 | 7131.44 | 6458.85 | 297.14 | 672.59 | 2651.54 | 0.34 |
| 24-08-2024 | 369 | 7096.80 | 6425.63 | 295.70 | 671.17 | 2616.72 | 0.00 |
| 25-08-2024 | 370 | 6781.23 | 6128.92 | 282.55 | 652.31 | 2510.76 | 0.17 |
| 26-08-2024 | 363 | 7237.38 | 6561.53 | 301.56 | 675.85 | 2623.87 | 0.07 |
| 27-08-2024 | 371 | 7010.55 | 6352.27 | 292.11 | 658.28 | 2601.29 | 0.10 |
| 28-08-2024 | 367 | 7152.26 | 6487.13 | 298.01 | 665.13 | 2628.36 | 0.00 |
| 29-08-2024 | 368 | 7164.32 | 6517.87 | 298.51 | 646.45 | 2638.44 | 0.00 |
| 30-08-2024 | 366 | 7145.47 | 6469.73 | 297.73 | 675.74 | 2618.45 | 0.00 |
| 31-08-2024 | 365 | 6874.38 | 6205.95 | 286.43 | 668.43 | 2510.35 | 0.00 |
| 01-09-2024 | 365 | 6676.28 | 6018.45 | 278.18 | 657.83 | 2439.77 | 0.00 |
| 02-09-2024 | 365 | 6965.80 | 6299.32 | 290.24 | 666.48 | 2545.80 | 0.00 |
| 03-09-2024 | 365 | 7110.79 | 6432.60 | 296.28 | 678.19 | 2592.53 | 0.00 |
| 04-09-2024 | 365 | 7158.62 | 6480.90 | 298.28 | 677.72 | 2612.35 | 0.00 |
| 05-09-2024 | 368 | 7134.43 | 6463.28 | 297.27 | 671.15 | 2622.14 | 0.10 |
| 06-09-2024 | 364 | 7184.33 | 6504.82 | 299.35 | 679.51 | 2615.30 | 0.00 |
| 07-09-2024 | 363 | 7171.49 | 6490.13 | 298.81 | 681.36 | 2604.41 | 0.00 |
| 08-09-2024 | 365 | 6711.04 | 6054.67 | 279.63 | 656.37 | 2451.74 | 0.00 |
| 09-09-2024 | 361 | 7197.75 | 6520.88 | 299.91 | 676.87 | 2595.89 | 0.00 |
| 10-09-2024 | 362 | 7166.04 | 6492.22 | 298.59 | 673.82 | 2596.54 | 0.00 |
| 11-09-2024 | 364 | 7150.34 | 6473.48 | 297.93 | 676.86 | 2605.10 | 0.00 |
| 12-09-2024 | 363 | 7179.41 | 6498.82 | 299.14 | 680.59 | 2602.80 | 0.00 |
| 13-09-2024 | 360 | 7065.29 | 6393.68 | 294.39 | 671.61 | 2546.16 | 0.29 |
| 14-09-2024 | 312 | 144.55 | 134.25 | 6.02 | 136.16 | 45.07 | 6.62 |
| 17-09-2024 | 368 | 2395.73 | 2168.77 | 99.82 | 357.38 | 882.14 | 59.90 |
| 18-09-2024 | 359 | 7026.39 | 6343.13 | 292.77 | 683.26 | 2525.71 | 0.00 |
| 19-09-2024 | 364 | 7119.69 | 6448.57 | 296.65 | 671.12 | 2594.69 | 0.00 |
| 20-09-2024 | 363 | 7170.96 | 6493.05 | 298.79 | 677.91 | 2602.30 | 0.00 |
| 21-09-2024 | 370 | 5706.33 | 5098.80 | 237.76 | 607.53 | 2111.95 | 0.00 |
| 22-09-2024 | 374 | 5550.95 | 4945.13 | 231.29 | 605.82 | 2076.72 | 0.00 |
| 23-09-2024 | 365 | 7226.92 | 6550.80 | 301.12 | 676.12 | 2634.29 | 0.00 |
| 24-09-2024 | 357 | 7270.32 | 6589.27 | 302.93 | 681.05 | 2598.72 | 0.00 |
| 25-09-2024 | 365 | 7178.84 | 6503.85 | 299.12 | 674.99 | 2617.75 | 0.14 |
| 26-09-2024 | 365 | 7220.73 | 6538.65 | 300.86 | 682.08 | 2634.26 | 0.00 |
| 27-09-2024 | 362 | 7298.69 | 6606.60 | 304.11 | 692.09 | 2643.70 | 0.00 |
| 28-09-2024 | 369 | 7169.02 | 6489.30 | 298.71 | 679.72 | 2646.48 | 0.00 |
| 29-09-2024 | 370 | 6945.28 | 6274.88 | 289.39 | 670.40 | 2566.68 | 0.00 |
| 30-09-2024 | 371 | 7185.90 | 6497.02 | 299.41 | 688.88 | 2662.68 | 0.00 |
| 01-10-2024 | 369 | 7175.95 | 6497.72 | 299.00 | 678.23 | 2646.98 | 0.00 |
| 02-10-2024 | 366 | 7229.20 | 6542.16 | 301.22 | 687.04 | 2643.05 | 0.14 |
| 03-10-2024 | 369 | 7135.86 | 6474.32 | 297.33 | 661.54 | 2634.62 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 04-10-2024 | 369 | 7170.02 | 6514.56 | 298.75 | 655.46 | 2645.45 | 0.00 |
| 05-10-2024 | 365 | 7186.16 | 6498.74 | 299.42 | 687.42 | 2624.40 | 0.00 |
| 06-10-2024 | 369 | 7008.84 | 6350.93 | 292.04 | 657.91 | 2584.92 | 0.00 |
| 07-10-2024 | 364 | 7181.49 | 6508.42 | 299.23 | 673.07 | 2614.90 | 0.00 |
| 08-10-2024 | 366 | 7186.24 | 6508.88 | 299.43 | 677.36 | 2629.06 | 0.00 |
| 09-10-2024 | 365 | 7141.34 | 6471.97 | 297.56 | 669.37 | 2604.24 | 0.00 |
| 10-10-2024 | 363 | 7216.41 | 6595.13 | 300.68 | 621.28 | 2617.08 | 0.00 |
| 11-10-2024 | 369 | 7170.74 | 6585.30 | 298.78 | 585.44 | 2642.45 | 0.00 |
| 12-10-2024 | 372 | 6939.57 | 6337.12 | 289.15 | 602.45 | 2581.15 | 0.00 |
| 13-10-2024 | 368 | 6957.43 | 6294.53 | 289.89 | 662.90 | 2563.27 | 0.00 |
| 14-10-2024 | 365 | 7141.11 | 6472.20 | 297.55 | 668.91 | 2608.82 | 0.00 |
| 15-10-2024 | 372 | 7120.68 | 6461.77 | 296.70 | 658.91 | 2650.13 | 0.00 |
| 16-10-2024 | 370 | 7198.11 | 6532.58 | 299.92 | 665.53 | 2666.66 | 0.10 |
| 17-10-2024 | 368 | 6792.72 | 6152.62 | 283.03 | 640.10 | 2496.36 | 0.00 |
| 18-10-2024 | 359 | 7208.59 | 6531.75 | 300.36 | 676.84 | 2588.02 | 0.00 |
| 19-10-2024 | 354 | 7181.38 | 6510.90 | 299.22 | 670.48 | 2543.23 | 0.00 |
| 20-10-2024 | 349 | 7173.26 | 6498.60 | 298.89 | 674.66 | 2504.62 | 0.00 |
| 21-10-2024 | 357 | 7183.90 | 6493.70 | 299.33 | 690.20 | 2566.73 | 0.00 |
| 22-10-2024 | 362 | 7185.00 | 6529.00 | 299.38 | 656.00 | 2599.01 | 0.00 |
| 23-10-2024 | 358 | 7182.32 | 6516.15 | 299.26 | 666.17 | 2570.93 | 0.00 |
| 24-10-2024 | 358 | 7211.39 | 6545.85 | 300.47 | 665.54 | 2584.30 | 0.00 |
| 25-10-2024 | 355 | 7150.22 | 6485.93 | 297.93 | 664.29 | 2540.74 | 0.14 |
| 26-10-2024 | 355 | 6930.78 | 6273.52 | 288.78 | 657.26 | 2461.80 | 0.00 |
| 27-10-2024 | 357 | 6876.90 | 6224.55 | 286.54 | 652.35 | 2457.05 | 0.00 |
| 28-10-2024 | 362 | 7099.07 | 6422.00 | 295.79 | 677.07 | 2571.67 | 0.00 |
| 29-10-2024 | 354 | 7183.62 | 6519.63 | 299.32 | 663.99 | 2545.63 | 0.00 |
| 30-10-2024 | 367 | 7171.26 | 6498.75 | 298.80 | 672.51 | 2630.52 | 0.00 |
| 31-10-2024 | 364 | 7211.38 | 6541.72 | 300.47 | 669.66 | 2623.30 | 0.00 |
| 01-11-2024 | 364 | 7107.05 | 6446.93 | 296.13 | 660.12 | 2584.46 | 0.00 |
| 02-11-2024 | 360 | 6827.06 | 6175.35 | 284.46 | 651.71 | 2458.92 | 0.00 |
| 03-11-2024 | 364 | 6307.89 | 5676.90 | 262.83 | 630.99 | 2297.81 | 0.00 |
| 04-11-2024 | 357 | 7234.36 | 6554.70 | 301.43 | 679.66 | 2583.14 | 0.00 |
| 05-11-2024 | 365 | 7167.00 | 6492.15 | 298.63 | 674.85 | 2618.30 | 0.24 |
| 06-11-2024 | 368 | 7172.23 | 6500.40 | 298.84 | 671.83 | 2641.54 | 0.00 |
| 07-11-2024 | 364 | 7203.18 | 6526.95 | 300.13 | 676.23 | 2619.65 | 0.00 |
| 08-11-2024 | 360 | 7181.21 | 6503.77 | 299.22 | 677.44 | 2585.54 | 0.00 |
| 09-11-2024 | 365 | 7097.66 | 6427.13 | 295.74 | 670.53 | 2592.58 | 0.00 |
| 10-11-2024 | 366 | 6714.44 | 6064.42 | 279.77 | 650.02 | 2460.60 | 0.00 |
| 11-11-2024 | 363 | 7164.87 | 6492.08 | 298.54 | 672.79 | 2601.82 | 0.00 |
| 12-11-2024 | 358 | 7212.42 | 6535.05 | 300.52 | 677.37 | 2581.32 | 0.00 |
| 13-11-2024 | 358 | 7168.70 | 6501.75 | 298.70 | 666.95 | 2563.25 | 0.00 |
| 14-11-2024 | 357 | 6721.93 | 6072.90 | 280.08 | 649.03 | 2400.82 | 0.00 |
| 15-11-2024 | 364 | 5446.69 | 4852.95 | 226.95 | 593.74 | 1981.32 | 0.00 |
| 16-11-2024 | 368 | 4980.06 | 4416.15 | 207.50 | 563.91 | 1832.02 | 0.12 |
| 17-11-2024 | 366 | 5702.92 | 5120.55 | 237.62 | 582.37 | 2089.51 | 0.00 |
| 18-11-2024 | 358 | 7171.55 | 6502.20 | 298.81 | 669.35 | 2567.66 | 0.00 |
| 19-11-2024 | 356 | 7239.08 | 6553.05 | 301.63 | 686.03 | 2577.84 | 0.05 |
| 20-11-2024 | 366 | 7086.45 | 6425.62 | 295.27 | 660.83 | 2595.10 | 0.00 |
| 21-11-2024 | 368 | 7159.51 | 6488.93 | 298.31 | 670.58 | 2632.97 | 0.00 |
| 22-11-2024 | 368 | 7199.31 | 6520.72 | 299.97 | 678.59 | 2646.43 | 0.00 |
| 23-11-2024 | 370 | 7155.87 | 6480.53 | 298.16 | 675.34 | 2644.13 | 0.00 |
| 24-11-2024 | 369 | 6647.86 | 5989.50 | 276.99 | 658.36 | 2451.38 | 0.00 |
| 25-11-2024 | 368 | 6616.49 | 5958.90 | 275.69 | 657.59 | 2437.13 | 0.19 |
| 26-11-2024 | 373 | 6310.08 | 5662.42 | 262.92 | 647.66 | 2353.13 | 0.00 |
| 27-11-2024 | 376 | 5161.60 | 4572.38 | 215.07 | 589.22 | 1942.99 | 0.02 |
| 28-11-2024 | 377 | 4589.69 | 4022.47 | 191.24 | 567.22 | 1729.06 | 0.00 |
| 29-11-2024 | 387 | 4634.16 | 4072.80 | 193.09 | 561.36 | 1794.12 | 0.00 |
| 30-11-2024 | 390 | 4454.05 | 3891.45 | 185.59 | 562.60 | 1737.43 | 0.00 |
| 01-12-2024 | 392 | 4380.25 | 3821.85 | 182.51 | 558.4 | 1718.472 | 0 |

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|---|---|---|---|---|---|---|---|
| 02-12-2024 | 389 | 4665.27 | 4096.95 | 194.39 | 568.32 | 1817.088 | 0 |
| 03-12-2024 | 385 | 4674.46 | 4095.15 | 194.77 | 579.31 | 1801.08 | 0 |
| 04-12-2024 | 382 | 4766.08 | 4187.48 | 198.59 | 578.6 | 1819.824 | 0 |
| 05-12-2024 | 388 | 4616.39 | 4041.67 | 192.35 | 574.72 | 1792.296 | 0.168 |
| 06-12-2024 | 388 | 4722.78 | 4146 | 196.78 | 576.78 | 1831.152 | 0 |
| 07-12-2024 | 379 | 4621.62 | 4050.38 | 192.57 | 571.24 | 1753.464 | 0 |
| 08-12-2024 | 375 | 4451.91 | 3882.45 | 185.50 | 569.46 | 1668.696 | 0 |
| 09-12-2024 | 373 | 5019.31 | 4435.42 | 209.14 | 583.89 | 1872.72 | 0 |
| 10-12-2024 | 368 | 5437.73 | 4826.33 | 226.57 | 611.4 | 1999.296 | 0 |
| 11-12-2024 | 358 | 6613.48 | 5958.22 | 275.56 | 655.26 | 2370.696 | 0 |
| 12-12-2024 | 355 | 6801.98 | 6139.28 | 283.42 | 662.7 | 2415.168 | 0 |
| 13-12-2024 | 355 | 6977.95 | 6301.87 | 290.75 | 676.08 | 2477.232 | 0 |
| 14-12-2024 | 357 | 6205.75 | 5567.7 | 258.57 | 638.05 | 2214.72 | 0 |
| 15-12-2024 | 369 | 5122.04 | 4528.65 | 213.42 | 593.39 | 1889.232 | 0 |
| 16-12-2024 | 369 | 4946.62 | 4364.78 | 206.11 | 581.84 | 1826.736 | 0 |
| 17-12-2024 | 365 | 5017.88 | 4430.4 | 209.08 | 587.48 | 1833.336 | 0 |
| 18-12-2024 | 364 | 5782.11 | 5155.35 | 240.92 | 626.76 | 2104.728 | 0 |
| 19-12-2024 | 359 | 6798.23 | 6124.65 | 283.26 | 673.58 | 2441.016 | 0 |
| 20-12-2024 | 367 | 6735.86 | 6064.87 | 280.66 | 670.99 | 2470.224 | 0 |
| 21-12-2024 | 364 | 6730.77 | 6062.7 | 280.45 | 668.07 | 2449.44 | 0 |
| 22-12-2024 | 359 | 6827.62 | 6153.38 | 284.48 | 674.24 | 2449.2 | 0 |
| 23-12-2024 | 355 | 7187.7 | 6503.7 | 299.49 | 684 | 2554.8 | 0 |
| 24-12-2024 | 357 | 7197.29 | 6511.65 | 299.89 | 685.64 | 2572.728 | 0 |
| 25-12-2024 | 361 | 6566.65 | 5914.12 | 273.61 | 652.53 | 2367.576 | 0.168 |
| 26-12-2024 | 359 | 7078.17 | 6401.63 | 294.92 | 676.54 | 2541.744 | 0 |
| 27-12-2024 | 352 | 7226.6 | 6529.35 | 301.11 | 697.25 | 2544.792 | 0 |
| 28-12-2024 | 359 | 7143.27 | 6453.75 | 297.64 | 689.52 | 2561.16 | 0 |
| 29-12-2024 | 357 | 6957.03 | 6272.55 | 289.88 | 684.48 | 2481.744 | 0 |
| 30-12-2024 | 354 | 7209.05 | 6508.27 | 300.38 | 700.78 | 2553.696 | 0 |
| 31-12-2024 | 358 | 7162.49 | 6465.83 | 298.44 | 696.66 | 2565.312 | 0 |
| 01-01-2025 | 362 | 7181.44 | 6482.77 | 299.23 | 698.67 | 2596.85 | 0.00 |
| 02-01-2025 | 362 | 7094.93 | 6404.78 | 295.62 | 690.15 | 2567.28 | 0.00 |
| 03-01-2025 | 357 | 7169.37 | 6478.35 | 298.72 | 691.02 | 2557.37 | 0.00 |
| 04-01-2025 | 356 | 7141.61 | 6451.80 | 297.57 | 689.81 | 2539.46 | 0.00 |
| 05-01-2025 | 359 | 6865.19 | 6184.35 | 286.05 | 680.84 | 2465.83 | 0.24 |
| 06-01-2025 | 356 | 7183.36 | 6491.02 | 299.31 | 692.34 | 2557.85 | 0.00 |
| 07-01-2025 | 361 | 7169.50 | 6477.23 | 298.73 | 692.27 | 2589.70 | 0.00 |
| 08-01-2025 | 359 | 7220.60 | 6528.22 | 300.86 | 692.38 | 2589.43 | 0.00 |
| 09-01-2025 | 360 | 7146.38 | 6450.45 | 297.77 | 695.93 | 2575.87 | 0.00 |
| 10-01-2025 | 358 | 7191.62 | 6495.00 | 299.65 | 696.62 | 2577.22 | 0.00 |
| 11-01-2025 | 361 | 7168.48 | 6476.70 | 298.69 | 691.78 | 2591.02 | 0.00 |
| 12-01-2025 | 362 | 7186.92 | 6498.45 | 299.46 | 688.47 | 2603.95 | 0.00 |
| 13-01-2025 | 355 | 6874.37 | 6213.23 | 286.43 | 661.14 | 2441.76 | 0.00 |
| 14-01-2025 | 355 | 7158.19 | 6477.07 | 298.26 | 681.12 | 2543.11 | 0.00 |
| 15-01-2025 | 368 | 7114.94 | 6437.40 | 296.46 | 677.54 | 2615.28 | 0.00 |
| 16-01-2025 | 368 | 7171.81 | 6663.90 | 298.83 | 507.91 | 2636.18 | 0.00 |
| 17-01-2025 | 364 | 7166.00 | 6297.98 | 298.58 | 868.02 | 2610.46 | 0.14 |
| 18-01-2025 | 361 | 7008.77 | 6328.12 | 292.03 | 680.65 | 2530.58 | 0.00 |
| 19-01-2025 | 361 | 6867.90 | 6195.04 | 286.16 | 672.86 | 2476.22 | 0.00 |
| 20-01-2025 | 364 | 6824.76 | 6157.09 | 284.37 | 667.67 | 2481.50 | 0.00 |
| 21-01-2025 | 372 | 6895.53 | 6213.07 | 287.31 | 682.46 | 2564.69 | 0.00 |
| 22-01-2025 | 369 | 7145.97 | 6451.13 | 297.75 | 694.84 | 2637.65 | 0.00 |
| 23-01-2025 | 373 | 7168.36 | 6475.87 | 298.68 | 692.49 | 2675.47 | 0.00 |
| 24-01-2025 | 373 | 7195.36 | 6502.20 | 299.81 | 693.16 | 2685.12 | 0.00 |
| 25-01-2025 | 375 | 7146.15 | 6461.18 | 297.76 | 684.97 | 2678.21 | 0.14 |
| 26-01-2025 | 367 | 6681.20 | 6018.82 | 278.38 | 662.38 | 2454.14 | 0.00 |
| 27-01-2025 | 364 | 7085.77 | 6397.28 | 295.24 | 688.49 | 2581.99 | 0.00 |
| 28-01-2025 | 365 | 7068.65 | 6382.72 | 294.53 | 685.93 | 2582.78 | 0.00 |
| 29-01-2025 | 363 | 7146.66 | 6460.80 | 297.78 | 685.86 | 2591.54 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 30-01-2025 | 359 | 7124.52 | 6437.33 | 296.86 | 687.19 | 2560.13 | 0.00 |
| 31-01-2025 | 361 | 7184.05 | 6493.05 | 299.34 | 691.00 | 2592.96 | 0.00 |
| 01-02-2025 | 357 | 6795.90 | 6132.45 | 283.16 | 663.45 | 2428.10 | 0.00 |
| 02-02-2025 | 359 | 6819.94 | 6155.77 | 284.16 | 664.17 | 2451.17 | 0.00 |
| 03-02-2025 | 359 | 7162.56 | 6490.88 | 298.44 | 671.68 | 2567.81 | 0.00 |
| 04-02-2025 | 366 | 5652.02 | 5044.27 | 235.50 | 607.75 | 2067.43 | 0.00 |
| 05-02-2025 | 364 | 6087.87 | 5460.23 | 253.66 | 627.64 | 2215.03 | 0.14 |
| 06-02-2025 | 358 | 7086.01 | 6406.95 | 295.25 | 679.06 | 2535.96 | 0.00 |
| 07-02-2025 | 350 | 7240.28 | 6550.27 | 301.68 | 690.01 | 2535.67 | 0.00 |
| 08-02-2025 | 354 | 6967.25 | 6309.75 | 290.30 | 657.50 | 2469.82 | 0.00 |
| 09-02-2025 | 357 | 3031.50 | 2731.35 | 126.31 | 300.15 | 1083.07 | 0.00 |
| 16-02-2025 | 364 | 1299.64 | 1191.68 | 54.15 | 266.40 | 472.49 | 67.15 |
| 17-02-2025 | 356 | 7148.32 | 6559.72 | 297.85 | 589.36 | 2542.73 | 0.00 |
| 18-02-2025 | 351 | 7203.86 | 6615.53 | 300.16 | 589.07 | 2529.48 | 0.00 |
| 19-02-2025 | 351 | 7243.75 | 6648.45 | 301.82 | 596.04 | 2539.03 | 0.00 |
| 20-02-2025 | 357 | 7177.00 | 6585.30 | 299.04 | 592.42 | 2559.31 | 0.00 |
| 21-02-2025 | 360 | 7162.15 | 6538.80 | 298.42 | 624.09 | 2580.48 | 0.00 |
| 22-02-2025 | 359 | 7180.64 | 6504.52 | 299.19 | 676.84 | 2581.37 | 0.00 |
| 23-02-2025 | 357 | 6537.69 | 5891.78 | 272.40 | 646.63 | 2335.85 | 0.00 |
| 24-02-2025 | 357 | 7150.44 | 6493.65 | 297.94 | 657.51 | 2549.42 | 0.00 |
| 25-02-2025 | 352 | 7198.82 | 6539.25 | 299.95 | 660.29 | 2535.14 | 0.50 |
| 26-02-2025 | 353 | 7190.56 | 6521.10 | 299.61 | 670.20 | 2539.20 | 0.00 |
| 27-02-2025 | 356 | 7183.53 | 6516.75 | 299.31 | 667.50 | 2556.41 | 0.00 |
| 28-02-2025 | 355 | 7249.59 | 6576.37 | 302.07 | 673.96 | 2575.90 | 0.05 |
| 01-03-2025 | 363 | 7029.56 | 6374.48 | 292.90 | 655.80 | 2553.26 | 0.00 |
| 02-03-2025 | 383 | 5144.02 | 4610.17 | 214.33 | 534.59 | 1972.70 | 0.00 |
| 03-03-2025 | 383 | 5242.70 | 4721.25 | 218.45 | 522.19 | 2010.36 | 0.00 |
| 04-03-2025 | 362 | 6897.18 | 6259.80 | 287.38 | 638.12 | 2496.50 | 0.00 |
| 05-03-2025 | 370 | 7076.75 | 6431.63 | 294.86 | 645.84 | 2620.80 | 0.17 |
| 06-03-2025 | 366 | 7192.70 | 6535.87 | 299.70 | 657.55 | 2634.53 | 0.00 |
| 07-03-2025 | 367 | 7098.30 | 6443.40 | 295.76 | 655.62 | 2608.06 | 0.00 |
| 08-03-2025 | 355 | 7251.59 | 6581.78 | 302.15 | 670.55 | 2572.44 | 0.00 |
| 09-03-2025 | 367 | 6132.81 | 5523.67 | 255.53 | 609.86 | 2252.74 | 0.00 |
| 10-03-2025 | 361 | 7112.65 | 6452.93 | 296.36 | 660.46 | 2569.27 | 0.00 |
| 11-03-2025 | 359 | 7192.89 | 6531.82 | 299.70 | 661.81 | 2580.58 | 0.00 |
| 12-03-2025 | 362 | 7003.20 | 6351.75 | 291.80 | 652.17 | 2536.20 | 0.00 |
| 13-03-2025 | 365 | 6272.61 | 5659.65 | 261.36 | 613.68 | 2287.99 | 0.00 |
| 14-03-2025 | 361 | 7198.70 | 6541.13 | 299.95 | 658.31 | 2596.18 | 0.00 |
| 15-03-2025 | 364 | 6767.52 | 6128.40 | 281.98 | 639.84 | 2464.34 | 0.00 |
| 16-03-2025 | 363 | 6986.70 | 6336.82 | 291.11 | 650.62 | 2536.66 | 0.10 |
| 17-03-2025 | 366 | 7167.00 | 6539.18 | 298.63 | 628.54 | 2625.43 | 0.00 |
| 18-03-2025 | 362 | 7218.89 | 6602.47 | 300.79 | 617.16 | 2610.62 | 0.00 |
| 19-03-2025 | 362 | 7176.05 | 6534.75 | 299.00 | 642.02 | 2595.31 | 0.00 |
| 20-03-2025 | 369 | 7142.38 | 6511.70 | 297.60 | 631.40 | 2633.83 | 0.00 |
| 21-03-2025 | 357 | 7234.53 | 6616.75 | 301.44 | 618.50 | 2584.99 | 0.00 |
| 22-03-2025 | 358 | 7195.50 | 6582.23 | 299.81 | 613.99 | 2572.42 | 0.00 |
| 23-03-2025 | 362 | 6667.61 | 6057.37 | 277.82 | 610.98 | 2410.97 | 0.00 |
| 24-03-2025 | 358 | 7238.27 | 6571.43 | 301.59 | 667.58 | 2587.87 | 0.00 |
| 25-03-2025 | 363 | 7135.46 | 6477.00 | 297.31 | 659.18 | 2588.02 | 0.19 |
| 26-03-2025 | 357 | 7251.77 | 6575.25 | 302.16 | 677.24 | 2586.12 | 0.00 |
| 27-03-2025 | 357 | 7180.53 | 6512.70 | 299.19 | 668.57 | 2562.58 | 0.07 |
| 28-03-2025 | 368 | 7157.28 | 6493.27 | 298.22 | 664.73 | 2634.79 | 0.00 |
| 29-03-2025 | 366 | 7039.58 | 6374.48 | 293.32 | 665.82 | 2576.76 | 0.00 |
| 30-03-2025 | 372 | 6473.21 | 5836.27 | 269.72 | 637.66 | 2407.70 | 0.00 |
| 31-03-2025 | 363 | 7243.57 | 6566.18 | 301.82 | 678.13 | 2627.54 | 0.00 |
| 01-04-2025 | 371 | 7161.02 | 6495.90 | 298.38 | 665.84 | 2653.97 | 0.00 |
| 02-04-2025 | 369 | 7165.02 | 6498.75 | 298.54 | 666.99 | 2643.22 | 0.00 |
| 03-04-2025 | 364 | 7242.16 | 6568.80 | 301.76 | 679.88 | 2637.38 | 0.00 |
| 04-04-2025 | 369 | 7129.58 | 6468.45 | 297.07 | 661.85 | 2631.07 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 05-04-2025 | 371 | 6720.94 | 6104.62 | 280.04 | 617.06 | 2494.85 | 0.00 |
| 06-04-2025 | 373 | 6316.12 | 5682.08 | 263.17 | 634.76 | 2354.16 | 0.00 |
| 07-04-2025 | 368 | 6930.45 | 6265.57 | 288.77 | 665.62 | 2550.48 | 0.00 |
| 08-04-2025 | 367 | 7021.32 | 6349.65 | 292.56 | 672.39 | 2574.29 | 0.00 |
| 09-04-2025 | 363 | 7167.40 | 6493.28 | 298.64 | 674.84 | 2604.31 | 0.00 |
| 10-04-2025 | 368 | 6989.72 | 6346.20 | 291.24 | 644.26 | 2569.51 | 0.00 |
| 11-04-2025 | 389 | 4617.75 | 4066.05 | 192.41 | 552.42 | 1798.10 | 0.00 |
| 12-04-2025 | 387 | 4895.70 | 4323.60 | 203.99 | 572.80 | 1895.83 | 0.00 |
| 13-04-2025 | 385 | 5010.07 | 4436.25 | 208.75 | 574.50 | 1927.27 | 0.00 |
| 14-04-2025 | 382 | 5535.51 | 4952.55 | 230.65 | 583.64 | 2114.83 | 0.00 |
| 15-04-2025 | 375 | 6128.99 | 5503.27 | 255.37 | 626.40 | 2296.63 | 0.00 |
| 16-04-2025 | 378 | 6118.89 | 5504.03 | 254.95 | 615.56 | 2315.90 | 0.12 |
| 17-04-2025 | 372 | 6772.46 | 6128.17 | 282.19 | 644.99 | 2520.12 | 0.00 |
| 18-04-2025 | 375 | 6728.11 | 6087.00 | 280.34 | 641.83 | 2520.02 | 0.00 |
| 19-04-2025 | 376 | 6640.43 | 5996.63 | 276.68 | 644.50 | 2495.78 | 0.00 |
| 20-04-2025 | 373 | 6426.99 | 5793.67 | 267.79 | 634.04 | 2395.80 | 0.00 |
| 21-04-2025 | 366 | 7205.65 | 6532.88 | 300.24 | 673.45 | 2636.14 | 0.00 |
| 22-04-2025 | 367 | 7135.38 | 6463.05 | 297.31 | 673.03 | 2620.68 | 0.00 |
| 23-04-2025 | 378 | 6970.19 | 6312.37 | 290.42 | 658.52 | 2632.37 | 0.00 |
| 24-04-2025 | 376 | 7175.04 | 6496.50 | 298.96 | 679.24 | 2698.42 | 0.00 |
| 25-04-2025 | 372 | 7169.02 | 6490.73 | 298.71 | 678.99 | 2665.34 | 0.12 |
| 26-04-2025 | 378 | 6891.19 | 6222.67 | 287.13 | 669.20 | 2602.56 | 0.00 |
| 27-04-2025 | 377 | 6637.64 | 5981.63 | 276.57 | 656.73 | 2502.26 | 0.00 |
| 28-04-2025 | 361 | 7091.45 | 6425.40 | 295.48 | 666.71 | 2560.13 | 0.00 |
| 29-04-2025 | 368 | 6846.34 | 6182.02 | 285.26 | 665.02 | 2516.59 | 0.00 |
| 30-04-2025 | 372 | 6945.70 | 6284.85 | 289.40 | 661.55 | 2584.97 | 0.00 |
| 01-05-2025 | 383 | 5356.02 | 4764.83 | 223.17 | 591.89 | 2049.02 | 0.00 |
| 02-05-2025 | 372 | 6373.84 | 5732.32 | 265.58 | 642.22 | 2372.04 | 0.00 |
| 03-05-2025 | 372 | 5793.67 | 5180.70 | 241.40 | 613.67 | 2157.58 | 0.00 |
| 04-05-2025 | 381 | 5431.42 | 4842.47 | 226.31 | 589.63 | 2068.82 | 0.00 |
| 05-05-2025 | 369 | 6617.14 | 5967.36 | 275.71 | 650.48 | 2439.98 | 0.19 |
| 06-05-2025 | 375 | 6337.31 | 5702.02 | 264.05 | 635.99 | 2374.06 | 0.00 |
| 07-05-2025 | 370 | 6562.09 | 5914.13 | 273.42 | 648.64 | 2430.50 | 0.00 |
| 08-05-2025 | 365 | 6609.72 | 5964.00 | 275.41 | 646.42 | 2411.28 | 0.00 |
| 09-05-2025 | 368 | 6603.94 | 5964.15 | 275.16 | 640.49 | 2427.31 | 0.00 |
| 10-05-2025 | 365 | 7070.87 | 6404.47 | 294.62 | 667.10 | 2580.89 | 0.00 |
| 11-05-2025 | 373 | 5845.96 | 5235.98 | 243.58 | 610.68 | 2182.37 | 0.00 |
| 12-05-2025 | 380 | 5039.69 | 4468.20 | 209.99 | 572.19 | 1917.55 | 0.00 |
| 13-05-2025 | 378 | 5565.56 | 4968.30 | 231.90 | 597.96 | 2106.50 | 0.00 |
| 14-05-2025 | 368 | 7224.61 | 6542.32 | 301.03 | 682.99 | 2655.94 | 0.00 |
| 15-05-2025 | 367 | 7168.64 | 6502.43 | 298.69 | 666.91 | 2633.78 | 0.00 |
| 16-05-2025 | 367 | 7171.92 | 6509.17 | 298.83 | 663.43 | 2633.78 | 0.00 |
| 17-05-2025 | 369 | 7194.48 | 6530.78 | 299.77 | 664.40 | 2656.54 | 0.00 |
| 18-05-2025 | 390 | 6835.08 | 6179.25 | 284.80 | 656.53 | 2668.27 | 0.00 |
| 19-05-2025 | 375 | 7127.00 | 6458.10 | 296.96 | 669.60 | 2673.96 | 0.00 |
| 20-05-2025 | 377 | 6209.29 | 5584.05 | 258.72 | 625.94 | 2339.40 | 0.00 |
| 21-05-2025 | 372 | 6445.47 | 5812.27 | 268.56 | 633.90 | 2398.10 | 0.00 |
| 22-05-2025 | 369 | 6255.48 | 5626.65 | 260.65 | 629.57 | 2310.79 | 0.00 |
| 23-05-2025 | 378 | 6178.89 | 5562.68 | 257.45 | 616.91 | 2336.14 | 0.00 |
| 24-05-2025 | 373 | 6241.62 | 5618.10 | 260.07 | 624.26 | 2325.29 | 0.00 |
| 25-05-2025 | 382 | 4473.44 | 3932.55 | 186.39 | 541.61 | 1709.42 | 0.00 |
| 26-05-2025 | 370 | 5826.55 | 5221.50 | 242.77 | 605.77 | 2157.00 | 0.00 |
| 27-05-2025 | 358 | 6288.18 | 5658.60 | 262.01 | 630.30 | 2248.13 | 0.00 |
| 28-05-2025 | 369 | 5876.23 | 5264.10 | 244.84 | 612.85 | 2165.57 | 0.00 |
| 29-05-2025 | 370 | 5944.83 | 5333.77 | 247.70 | 611.76 | 2200.90 | 0.00 |
| 30-05-2025 | 375 | 5476.05 | 4881.60 | 228.17 | 595.19 | 2055.94 | 0.00 |
| 31-05-2025 | 384 | 4596.96 | 4045.13 | 191.54 | 552.57 | 1763.11 | 0.00 |
| 01-06-2025 | 387 | 4553.82 | 4006.95 | 189.74 | 547.59 | 1762.56 | 0.00 |
| 02-06-2025 | 384 | 5326.49 | 4747.27 | 221.94 | 579.94 | 2043.84 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 03-06-2025 | 370 | 6064.13 | 5448.15 | 252.67 | 616.70 | 2241.41 | 0.00 |
| 04-06-2025 | 366 | 6417.28 | 5780.63 | 267.39 | 637.39 | 2346.43 | 0.00 |
| 05-06-2025 | 365 | 6544.87 | 5907.75 | 272.70 | 637.82 | 2386.85 | 0.17 |
| 06-06-2025 | 366 | 6448.10 | 5815.20 | 268.67 | 633.64 | 2359.27 | 4.22 |
| 07-06-2025 | 361 | 6521.24 | 5887.05 | 271.72 | 634.93 | 2356.54 | 0.00 |
| 08-06-2025 | 375 | 5593.38 | 5009.55 | 233.06 | 584.55 | 2097.36 | 0.00 |
| 09-06-2025 | 368 | 6310.54 | 5685.45 | 262.94 | 625.83 | 2321.57 | 0.00 |
| 10-06-2025 | 387 | 4584.47 | 4035.07 | 191.02 | 550.14 | 1773.34 | 0.00 |
| 11-06-2025 | 385 | 4540.23 | 3994.50 | 189.18 | 546.45 | 1746.91 | 0.00 |
| 12-06-2025 | 378 | 4534.49 | 3986.85 | 188.94 | 548.38 | 1714.13 | 0.00 |
| 13-06-2025 | 378 | 5017.36 | 4455.98 | 209.06 | 562.12 | 1896.24 | 0.00 |
| 14-06-2025 | 389 | 4616.77 | 4104.82 | 192.37 | 512.69 | 1793.71 | 0.00 |
| 15-06-2025 | 391 | 4481.48 | 3985.58 | 186.73 | 496.64 | 1752.98 | 0.00 |
| 16-06-2025 | 395 | 4637.32 | 4134.75 | 193.22 | 503.31 | 1830.24 | 0.07 |
| 17-06-2025 | 390 | 4727.71 | 4223.55 | 196.99 | 504.90 | 1841.62 | 0.00 |
| 18-06-2025 | 385 | 4737.74 | 4232.55 | 197.41 | 505.93 | 1826.11 | 0.00 |
| 19-06-2025 | 387 | 4744.90 | 4239.97 | 197.70 | 505.69 | 1838.06 | 0.00 |
| 20-06-2025 | 379 | 5272.92 | 4737.75 | 219.71 | 535.91 | 1999.22 | 0.00 |
| 21-06-2025 | 382 | 5140.78 | 4609.73 | 214.20 | 531.81 | 1961.26 | 0.00 |
| 22-06-2025 | 388 | 4587.98 | 4078.95 | 191.17 | 509.77 | 1782.24 | 0.00 |
| 23-06-2025 | 383 | 4923.58 | 4401.82 | 205.15 | 522.52 | 1887.94 | 0.00 |
| 24-06-2025 | 382 | 4991.61 | 4468.88 | 207.98 | 523.45 | 1907.81 | 0.00 |
| 25-06-2025 | 383 | 5028.39 | 4500.30 | 209.52 | 528.85 | 1925.76 | 0.07 |
| 26-06-2025 | 382 | 5004.38 | 4478.17 | 208.52 | 526.95 | 1911.53 | 0.00 |
| 27-06-2025 | 385 | 4865.69 | 4347.90 | 202.74 | 518.53 | 1871.28 | 0.00 |
| 28-06-2025 | 386 | 4991.89 | 4472.93 | 208.00 | 519.70 | 1925.42 | 0.00 |
| 29-06-2025 | 382 | 5093.78 | 4562.85 | 212.24 | 531.67 | 1946.71 | 0.00 |
| 30-06-2025 | 365 | 6798.91 | 6143.02 | 283.29 | 656.61 | 2480.16 | 0.00 |
| 01-07-2025 | 358 | 7053.93 | 6384.68 | 293.91 | 669.99 | 2524.73 | 0.00 |
| 02-07-2025 | 358 | 6880.80 | 6222.67 | 286.70 | 658.87 | 2464.15 | 0.00 |
| 03-07-2025 | 359 | 7156.02 | 6477.68 | 298.17 | 679.06 | 2571.72 | 0.00 |
| 04-07-2025 | 358 | 6999.26 | 6332.10 | 291.64 | 667.86 | 2503.25 | 0.00 |
| 05-07-2025 | 356 | 7178.17 | 6509.85 | 299.09 | 669.06 | 2551.99 | 0.10 |
| 06-07-2025 | 361 | 6293.64 | 5665.57 | 262.24 | 628.79 | 2273.83 | 0.00 |
| 07-07-2025 | 358 | 7216.39 | 6537.75 | 300.68 | 679.36 | 2584.10 | 0.00 |
| 08-07-2025 | 360 | 7014.14 | 6355.65 | 292.26 | 659.21 | 2525.71 | 0.00 |
| 09-07-2025 | 358 | 7240.90 | 6566.55 | 301.70 | 675.09 | 2589.91 | 0.00 |
| 10-07-2025 | 327 | 6293.56 | 5664.98 | 262.23 | 629.30 | 2060.33 | 0.00 |
| 11-07-2025 | 365 | 7077.93 | 6412.20 | 294.91 | 666.45 | 2582.62 | 0.00 |
| 12-07-2025 | 364 | 6761.66 | 6102.45 | 281.74 | 659.93 | 2463.36 | 0.00 |
| 13-07-2025 | 358 | 6501.96 | 5855.70 | 270.92 | 647.00 | 2328.24 | 0.00 |
| 14-07-2025 | 364 | 7156.97 | 6482.10 | 298.21 | 675.61 | 2606.26 | 0.00 |
| 15-07-2025 | 354 | 7255.71 | 6573.22 | 302.32 | 683.21 | 2566.63 | 0.00 |
| 16-07-2025 | 362 | 7133.93 | 6466.13 | 297.25 | 668.52 | 2580.22 | 0.14 |
| 17-07-2025 | 362 | 7209.72 | 6531.45 | 300.41 | 679.01 | 2607.86 | 0.00 |
| 18-07-2025 | 353 | 7139.33 | 6467.25 | 297.47 | 672.82 | 2518.18 | 0.00 |
| 19-07-2025 | 358 | 6374.25 | 5746.72 | 265.59 | 628.25 | 2284.90 | 0.00 |
| 20-07-2025 | 362 | 5441.12 | 4847.63 | 226.71 | 594.23 | 1966.97 | 0.00 |
| 21-07-2025 | 361 | 6591.08 | 5956.57 | 274.63 | 635.23 | 2377.87 | 0.00 |
| 22-07-2025 | 359 | 6737.42 | 6089.25 | 280.73 | 648.89 | 2419.51 | 0.00 |
| 23-07-2025 | 361 | 6736.58 | 6085.73 | 280.69 | 651.57 | 2429.66 | 0.00 |
| 24-07-2025 | 361 | 6617.79 | 5978.95 | 275.74 | 639.56 | 2388.53 | 0.00 |
| 25-07-2025 | 366 | 6448.92 | 5813.30 | 268.71 | 636.36 | 2360.35 | 0.17 |
| 26-07-2025 | 367 | 5706.44 | 5099.32 | 237.77 | 607.86 | 2096.30 | 0.00 |
| 27-07-2025 | 370 | 5355.68 | 4761.68 | 223.15 | 594.74 | 1983.48 | 0.00 |
| 28-07-2025 | 365 | 6776.89 | 6147.00 | 282.37 | 630.63 | 2472.89 | 0.00 |
| 29-07-2025 | 363 | 6826.11 | 6237.90 | 284.42 | 588.95 | 2477.42 | 0.00 |
| 30-07-2025 | 364 | 6631.11 | 6061.42 | 276.30 | 570.43 | 2414.30 | 0.00 |
| 31-07-2025 | 359 | 7223.57 | 6579.53 | 300.98 | 644.78 | 2591.98 | 0.00 |

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| 01-08-2025 | 362 | 7184.92 | 6504.90 | 299.37 | 680.76 | 2600.14 | 0.00 |
| 02-08-2025 | 363 | 6825.49 | 6162.67 | 284.40 | 663.56 | 2476.13 | 0.00 |
| 03-08-2025 | 365 | 6581.86 | 5936.90 | 274.24 | 645.70 | 2401.20 | 0.00 |
| 04-08-2025 | 362 | 6309.80 | 5680.53 | 262.91 | 630.01 | 2281.87 | 0.00 |
| 05-08-2025 | 360 | 6689.84 | 6048.15 | 278.74 | 642.41 | 2407.37 | 0.07 |
| 06-08-2025 | 358 | 7127.24 | 6453.45 | 296.97 | 674.53 | 2552.81 | 0.00 |
| 07-08-2025 | 357 | 7193.61 | 6508.27 | 299.73 | 689.48 | 2564.59 | 0.00 |
| 08-08-2025 | 363 | 6271.69 | 5625.23 | 261.32 | 646.46 | 2277.24 | 0.00 |
| 09-08-2025 | 363 | 6657.17 | 5995.05 | 277.38 | 662.12 | 2419.18 | 0.00 |
| 10-08-2025 | 362 | 6204.17 | 5573.85 | 258.51 | 630.32 | 2247.96 | 0.00 |
| 11-08-2025 | 357 | 7243.73 | 6561.97 | 301.82 | 681.76 | 2585.64 | 0.00 |
| 12-08-2025 | 360 | 7174.78 | 6502.35 | 298.95 | 672.43 | 2585.64 | 0.00 |
| 13-08-2025 | 360 | 7158.11 | 6488.10 | 298.25 | 670.01 | 2575.20 | 0.00 |
| 14-08-2025 | 356 | 6982.12 | 6303.53 | 290.92 | 678.59 | 2488.63 | 0.00 |
| 15-08-2025 | 358 | 7096.57 | 6423.97 | 295.69 | 672.60 | 2541.55 | 0.00 |
| 16-08-2025 | 358 | 6449.62 | 5806.58 | 268.73 | 643.04 | 2308.61 | 0.10 |
| 17-08-2025 | 363 | 6240.40 | 5603.47 | 260.02 | 636.93 | 2265.22 | 0.00 |
| 18-08-2025 | 357 | 6922.84 | 6253.05 | 288.45 | 669.79 | 2471.98 | 0.00 |
| 19-08-2025 | 356 | 6937.82 | 6269.78 | 289.08 | 668.04 | 2466.84 | 0.00 |
| 20-08-2025 | 358 | 6949.31 | 6287.47 | 289.55 | 661.84 | 2490.17 | 0.00 |
| 21-08-2025 | 357 | 7093.26 | 6424.65 | 295.55 | 668.61 | 2531.18 | 0.00 |
| 22-08-2025 | 357 | 6960.76 | 6283.95 | 290.03 | 676.81 | 2481.62 | 0.00 |
| 23-08-2025 | 365 | 6328.33 | 5686.65 | 263.68 | 641.68 | 2312.30 | 0.00 |
| 24-08-2025 | 362 | 6123.42 | 5487.00 | 255.14 | 636.42 | 2216.86 | 0.00 |
| 25-08-2025 | 357 | 6832.91 | 6163.58 | 284.70 | 669.33 | 2436.22 | 0.17 |
| 26-08-2025 | 357 | 6895.32 | 6225.22 | 287.31 | 670.10 | 2464.18 | 0.00 |
| 27-08-2025 | 355 | 7175.54 | 6477.60 | 298.98 | 697.94 | 2547.12 | 0.00 |
| 28-08-2025 | 359 | 6718.05 | 6054.38 | 279.92 | 663.67 | 2412.91 | 0.00 |
| 29-08-2025 | 362 | 6736.43 | 6075.67 | 280.68 | 660.76 | 2438.18 | 0.00 |
| 30-08-2025 | 359 | 6525.27 | 5865.75 | 271.89 | 659.52 | 2345.38 | 0.00 |
| 31-08-2025 | 362 | 6398.86 | 5749.73 | 266.62 | 649.13 | 2317.56 | 0.00 |
| 01-09-2025 | 353 | 7194.56 | 6510.90 | 299.77 | 683.66 | 2542.73 | 0.00 |
| 02-09-2025 | 355 | 7176.31 | 6492.90 | 299.01 | 683.41 | 2544.19 | 0.00 |
| 03-09-2025 | 355 | 7146.07 | 6476.17 | 297.75 | 669.90 | 2535.65 | 0.00 |
| 04-09-2025 | 350 | 7206.00 | 6531.30 | 300.25 | 674.70 | 2519.83 | 0.00 |
| 05-09-2025 | 359 | 5805.48 | 5195.70 | 241.90 | 609.78 | 2085.14 | 0.19 |
| 06-09-2025 | 356 | 6321.35 | 5682.45 | 263.39 | 638.90 | 2251.73 | 0.00 |
| 07-09-2025 | 355 | 6277.51 | 5627.93 | 261.56 | 649.58 | 2228.18 | 0.00 |
| 08-09-2025 | 353 | 7027.31 | 6349.80 | 292.80 | 677.51 | 2479.06 | 0.00 |
| 09-09-2025 | 356 | 6842.63 | 6178.57 | 285.11 | 664.06 | 2436.31 | 0.00 |
| 10-09-2025 | 358 | 6781.67 | 6121.43 | 282.57 | 660.24 | 2428.08 | 0.00 |
| 11-09-2025 | 353 | 6855.13 | 6185.47 | 285.63 | 669.66 | 2419.75 | 0.00 |
| 12-09-2025 | 346 | 7058.32 | 6370.43 | 294.10 | 687.89 | 2444.59 | 0.00 |
| 13-09-2025 | 371 | 6195.98 | 5570.10 | 258.17 | 625.88 | 2296.08 | 0.00 |
| 14-09-2025 | 362 | 6270.20 | 5630.77 | 261.26 | 639.43 | 2271.46 | 0.00 |
| 15-09-2025 | 358 | 7096.57 | 6421.58 | 295.69 | 674.99 | 2541.89 | 0.00 |
| 16-09-2025 | 360 | 7221.40 | 6536.92 | 300.89 | 684.48 | 2602.68 | 0.12 |
| 17-09-2025 | 358 | 7169.55 | 6491.10 | 298.73 | 678.45 | 2565.46 | 0.00 |
| 18-09-2025 | 358 | 7147.45 | 6476.33 | 297.81 | 671.12 | 2558.74 | 0.00 |
| 19-09-2025 | 361 | 7145.66 | 6466.20 | 297.74 | 679.46 | 2582.66 | 0.00 |
| 20-09-2025 | 362 | 6745.19 | 6084.00 | 281.05 | 661.19 | 2439.60 | 0.00 |
| 21-09-2025 | 361 | 6187.62 | 5561.17 | 257.82 | 626.45 | 2231.11 | 0.00 |
| 22-09-2025 | 353 | 7113.16 | 6440.85 | 296.38 | 672.31 | 2507.78 | 0.00 |
| 23-09-2025 | 353 | 7021.16 | 6354.60 | 292.55 | 666.56 | 2476.56 | 0.00 |
| 24-09-2025 | 353 | 7206.10 | 6524.63 | 300.25 | 681.47 | 2540.69 | 0.00 |
| 25-09-2025 | 352 | 7138.98 | 6463.12 | 297.46 | 675.86 | 2510.28 | 0.24 |
| 26-09-2025 | 351 | 6947.58 | 6288.53 | 289.48 | 659.05 | 2441.74 | 0.00 |
| 27-09-2025 | 358 | 6475.10 | 5840.25 | 269.80 | 634.85 | 2317.85 | 0.00 |
| 28-09-2025 | 358 | 6269.72 | 5640.52 | 261.24 | 629.20 | 2247.65 | 0.00 |

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| 29-09-2025 | 355 | 7193.94 | 6519.75 | 299.75 | 674.19 | 2551.61 | 0.00 |
| 30-09-2025 | 355 | 7128.54 | 6452.78 | 297.02 | 675.76 | 2528.74 | 0.00 |
| 01-10-2025 | 351 | 7240.84 | 6546.82 | 301.70 | 694.02 | 2542.42 | 0.00 |
| 02-10-2025 | 354 | 6991.37 | 6319.50 | 291.31 | 671.87 | 2477.59 | 0.00 |
| 03-10-2025 | 354 | 7162.34 | 6483.68 | 298.43 | 678.66 | 2536.80 | 0.00 |
| 04-10-2025 | 355 | 7164.76 | 6482.17 | 298.53 | 682.59 | 2541.89 | 0.00 |
| 05-10-2025 | 361 | 6410.41 | 5769.30 | 267.10 | 641.11 | 2314.08 | 0.00 |
| 06-10-2025 | 363 | 6286.01 | 5647.43 | 261.92 | 638.58 | 2283.72 | 0.00 |
| 07-10-2025 | 356 | 7124.90 | 6444.97 | 296.87 | 679.93 | 2534.33 | 0.00 |
| 08-10-2025 | 354 | 7095.73 | 6411.68 | 295.66 | 684.05 | 2511.70 | 0.00 |
| 09-10-2025 | 359 | 6863.30 | 6188.32 | 285.97 | 674.98 | 2461.75 | 0.00 |
| 10-10-2025 | 360 | 6739.46 | 6076.28 | 280.81 | 663.18 | 2422.97 | 0.00 |
| 11-10-2025 | 357 | 6882.77 | 6206.25 | 286.78 | 676.52 | 2460.22 | 0.00 |
| 12-10-2025 | 363 | 6243.82 | 5597.02 | 260.16 | 646.80 | 2267.69 | 0.00 |
| 13-10-2025 | 358 | 6967.11 | 6285.90 | 290.30 | 681.21 | 2494.49 | 0.00 |
| 14-10-2025 | 362 | 6353.05 | 5704.65 | 264.71 | 648.40 | 2297.16 | 0.00 |
| 15-10-2025 | 365 | 7168.10 | 6471.38 | 298.67 | 696.72 | 2617.99 | 0.00 |
| 16-10-2025 | 365 | 6812.63 | 6138.45 | 283.86 | 674.18 | 2487.62 | 0.12 |
| 17-10-2025 | 372 | 7090.49 | 6404.55 | 295.44 | 685.94 | 2634.96 | 0.00 |
| 18-10-2025 | 382 | 6657.13 | 5991.00 | 277.38 | 666.13 | 2542.94 | 0.00 |
| 19-10-2025 | 384 | 6218.27 | 5579.92 | 259.09 | 638.35 | 2387.83 | 0.00 |
| 20-10-2025 | 364 | 6811.93 | 6137.10 | 283.83 | 674.83 | 2481.70 | 0.00 |
| 21-10-2025 | 373 | 6700.07 | 6045.75 | 279.17 | 654.32 | 2498.95 | 0.00 |
| 22-10-2025 | 379 | 6608.25 | 5954.55 | 275.34 | 653.70 | 2507.04 | 0.00 |
| 23-10-2025 | 394 | 5846.08 | 5225.55 | 243.59 | 620.53 | 2305.68 | 0.00 |
| 24-10-2025 | 398 | 6416.86 | 5775.30 | 267.37 | 641.56 | 2555.38 | 0.07 |
| 25-10-2025 | 381 | 6770.00 | 6113.85 | 282.08 | 656.15 | 2582.35 | 0.98 |
| 26-10-2025 | 388 | 5586.36 | 4980.60 | 232.77 | 605.76 | 2167.63 | 0.00 |
| 27-10-2025 | 386 | 6466.81 | 5810.55 | 269.45 | 656.26 | 2499.34 | 0.00 |
| 28-10-2025 | 368 | 6702.86 | 6038.03 | 279.29 | 664.83 | 2469.17 | 0.00 |
| 29-10-2025 | 377 | 6682.13 | 6054.90 | 278.42 | 627.23 | 2518.82 | 0.00 |
| 30-10-2025 | 368 | 6845.36 | 6211.35 | 285.22 | 634.01 | 2521.56 | 0.00 |
| 31-10-2025 | 367 | 6943.40 | 6278.32 | 289.31 | 665.08 | 2549.11 | 0.00 |
| 01-11-2025 | 378 | 6507.83 | 5862.83 | 271.16 | 645.00 | 2460.58 | 0.00 |
| 02-11-2025 | 377 | 6320.23 | 5665.50 | 263.34 | 654.73 | 2379.65 | 0.00 |
| 03-11-2025 | 373 | 5651.96 | 5082.75 | 235.50 | 611.79 | 2109.89 | 3.82 |

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UNIT 02

Coal Cousumed per KWh > 0.368

| Date | Gross Energy Generated (MWh) | Aux. power consumed (MWh) | Fuel Consumed (Coal) Tons | Fuel Consumed (Diesel) Tons | Coal Cosumed (Kg) per KWh | As per Power System Report | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Night Peak (MW) | Available Capacity (MW) | Remarks |
| 20.03.2025 | 7,142.38 | 631.40 | 2,633.83 | - | 0.369 | 273 | 270 | - |
| 16.04.2025 | 6,118.89 | 615.56 | 2,315.90 | 0.12 | 0.378 | 273 | 270 | - |
| 14.04.2025 | 5,535.51 | 583.64 | 2,114.83 | - | 0.382 | 272 | 270 | - |
| 17.04.2025 | 6,772.46 | 644.99 | 2,520.12 | - | 0.372 | 272 | 270 | - |
| 18.04.2025 | 6,728.11 | 641.83 | 2,520.02 | - | 0.375 | 272 | 270 | - |
| 20.04.2025 | 6,426.99 | 634.04 | 2,395.80 | - | 0.373 | 272 | 270 | - |
| 01.05.2025 | 5,356.02 | 591.89 | 2,049.02 | - | 0.383 | 272 | 270 | - |
| 04.05.2025 | 5,431.42 | 589.63 | 2,068.82 | - | 0.381 | 272 | 270 | - |
| 07.05.2025 | 6,562.09 | 648.64 | 2,430.50 | - | 0.370 | 272 | 270 | - |
| 17.05.2025 | 7,194.48 | 664.40 | 2,656.54 | - | 0.369 | 272 | 270 | Restricted coal mill operation |
| 19.05.2025 | 7,127.00 | 669.60 | 2,673.96 | - | 0.375 | 272 | 270 | - |
| 24.05.2025 | 6,241.62 | 624.26 | 2,325.29 | - | 0.373 | 272 | 270 | - |
| 26.05.2025 | 5,826.55 | 605.77 | 2,157.00 | - | 0.370 | 272 | 270 | - |
| 29.05.2025 | 5,944.83 | 611.76 | 2,200.90 | - | 0.370 | 272 | 270 | - |
| 13.06.2025 | 5,017.36 | 562.08 | 1,896.24 | - | 0.378 | 272 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 13.09.2025 | 6,195.98 | 625.88 | 2,296.08 | - | 0.371 | 272 | 270 | Restricted cyclic mill operation |
| 25.10.2025 | 6,770.00 | 656.15 | 2,582.35 | 0.98 | 0.381 | 272 | 270 | - |
| 27.10.2025 | 6,466.81 | 656.26 | 2,499.34 | - | 0.386 | 272 | 270 | - |
| 29.10.2025 | 6,682.13 | 627.23 | 2,518.82 | - | 0.377 | 272 | 270 | - |
| 24.01.2025 | 7,195.36 | 693.16 | 2,685.14 | - | 0.373 | 271 | 270 | Restricted cyclic mill operation |
| 05.03.2025 | 7,076.75 | 645.84 | 2,620.80 | 0.17 | 0.370 | 271 | 270 | - |
| 28.03.2025 | 7,157.28 | 664.36 | 2,634.79 | - | 0.368 | 271 | 270 | - |
| 01.04.2025 | 7,161.02 | 665.84 | 2,653.97 | - | 0.371 | 271 | 270 | - |
| 02.04.2025 | 7,165.02 | 666.99 | 2,643.22 | - | 0.369 | 271 | 270 | - |
| 04.04.2025 | 7,129.58 | 661.85 | 2,631.07 | - | 0.369 | 271 | 270 | - |
| 05.04.2025 | 6,720.94 | 617.06 | 2,494.85 | - | 0.371 | 271 | 270 | - |
| 07.04.2025 | 6,930.45 | 665.62 | 2,550.48 | - | 0.368 | 271 | 270 | - |
| 15.04.2025 | 6,128.99 | 626.40 | 2,296.63 | - | 0.375 | 271 | 270 | - |
| 19.04.2025 | 6,640.43 | 644.50 | 2,495.78 | - | 0.376 | 271 | 270 | - |
| 23.04.2025 | 6,970.19 | 658.52 | 2,632.37 | - | 0.378 | 271 | 270 | - |
| 25.04.2025 | 7,196.02 | 678.99 | 2,665.34 | 0.12 | 0.370 | 271 | 270 | - |
| 02.05.2025 | 6,373.84 | 642.22 | 2,372.04 | - | 0.372 | 271 | 270 | - |
| 05.05.2025 | 6,617.14 | 650.48 | 2,439.98 | 0.19 | 0.369 | 271 | 270 | - |
| 06.05.2025 | 6,337.31 | 635.99 | 2,374.06 | - | 0.375 | 271 | 270 | - |
| 18.05.2025 | 6,835.08 | 656.53 | 2,668.27 | - | 0.390 | 271 | 270 | - |
| 20.05.2025 | 6,209.29 | 625.94 | 2,339.40 | - | 0.377 | 271 | 270 | - |
| 21.05.2025 | 6,445.47 | 633.90 | 2,398.10 | - | 0.372 | 271 | 270 | - |
| 23.05.2025 | 6,178.89 | 616.91 | 2,336.14 | - | 0.378 | 271 | 270 | - |
| 03.06.2025 | 6,064.13 | 616.70 | 2,241.41 | - | 0.370 | 271 | 270 | Restricted cyclic mill operation |
| 08.06.2025 | 5,593.38 | 584.55 | 2,097.36 | - | 0.375 | 271 | 270 | Restricted cyclic mill operation |
| 27.07.2025 | 5,355.68 | 594.74 | 1,983.48 | - | 0.370 | 271 | 270 | Restricted cyclic mill operation |
| 22.10.2025 | 6,608.25 | 653.70 | 2,507.04 | - | 0.379 | 271 | 270 | - |
| 23.10.2025 | 5,846.08 | 620.53 | 2,305.68 | - | 0.394 | 271 | 270 | - |
| 26.10.2025 | 5,586.36 | 605.76 | 2,167.63 | - | 0.388 | 271 | 270 | - |
| 21.01.2025 | 6,895.53 | 682.46 | 2,564.69 | - | 0.372 | 270 | 270 | Restricted cyclic mill operation |
| 25.01.2025 | 7,146.18 | 684.97 | 2,678.20 | 0.14 | 0.375 | 270 | 270 | Restricted cyclic mill operation |
| 30.03.2025 | 6,473.21 | 637.66 | 2,407.70 | - | 0.372 | 270 | 270 | - |
| 24.04.2025 | 7,175.04 | 679.24 | 2,698.42 | - | 0.376 | 270 | 270 | - |
| 26.04.2025 | 6,891.19 | 669.20 | 2,602.56 | - | 0.378 | 270 | 270 | - |
| 30.04.2025 | 6,945.70 | 661.55 | 2,584.97 | - | 0.372 | 270 | 270 | - |
| 13.05.2025 | 5,565.56 | 597.96 | 2,106.50 | - | 0.378 | 270 | 270 | Restricted coal mill operation |
| 22.05.2025 | 6,255.48 | 629.57 | 2,310.79 | - | 0.369 | 270 | 270 | - |
| 02.06.2025 | 5,326.49 | 579.94 | 2,043.84 | - | 0.384 | 270 | 270 | Restricted cyclic mill operation |
| 17.10.2025 | 7,090.49 | 685.94 | 2,634.96 | - | 0.372 | 270 | 270 | - |
| 21.10.2025 | 6,700.07 | 654.32 | 2,498.95 | - | 0.373 | 270 | 270 | - |
| 28.10.2025 | 6,702.86 | 664.83 | 2,469.17 | - | 0.368 | 270 | 270 | - |
| 30.10.2025 | 6,845.36 | 634.01 | 2,521.56 | - | 0.368 | 270 | 270 | - |
| 03.11.2025 | 5,651.96 | 611.79 | 2,109.89 | 3.82 | 0.373 | 270 | 270 | Level B overhaul |
| 22.01.2025 | 7,145.97 | 694.84 | 2,637.65 | - | 0.369 | 269 | 270 | Restricted cyclic mill operation |
| 23.01.2025 | 7,168.36 | 692.49 | 2,675.47 | - | 0.373 | 269 | 270 | Restricted cyclic mill operation |
| 06.04.2025 | 6,316.12 | 634.76 | 2,354.16 | - | 0.373 | 269 | 270 | - |

| Date | Gross Energy Generated (MWh) | Aux. power consumed (MWh) | Fuel Consumed (Coal) Tons | Fuel Consumed (Diesel) Tons | Coal Cosumed (Kg) per KWh | Night Peak (MW) | Available Capacity (MW) | Remarks |
|---|---|---|---|---|---|---|---|---|
| 27.04.2025 | 6,637.64 | 656.73 | 2,502.26 | - | 0.377 | 269 | 270 | - |
| 03.05.2025 | 5,793.67 | 613.67 | 2,157.58 | - | 0.372 | 269 | 270 | - |
| 28.05.2025 | 5,876.23 | 612.85 | 2,165.57 | - | 0.369 | 269 | 270 | - |
| 18.10.2025 | 6,657.13 | 666.13 | 2,542.94 | - | 0.382 | 269 | 270 | - |
| 19.10.2025 | 6,218.27 | 638.35 | 2,387.83 | - | 0.384 | 269 | 270 | - |
| 01.11.2025 | 6,507.83 | 645.00 | 2,460.58 | - | 0.378 | 269 | 270 | - |
| 02.11.2025 | 6,320.23 | 654.74 | 2,379.65 | - | 0.377 | 268 | 270 | - |
| 24.10.2025 | 6,416.86 | 641.56 | 2,555.38 | 0.07 | 0.398 | 257 | 270 | NP availability was 257MW |
| 30.05.2025 | 5,476.05 | 595.19 | 2,055.94 | - | 0.375 | 253 | 270 | - |
| 12.06.2025 | 4,534.49 | 548.38 | 1,714.13 | - | 0.378 | 209 | 270 | Restricted cyclic mill operation |
| 11.06.2025 | 4,550.23 | 546.45 | 1,746.91 | - | 0.384 | 206 | 270 | Restricted cyclic mill operation |
| 15.06.2025 | 4,483.48 | 496.64 | 1,752.98 | - | 0.391 | 206 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 21.06.2025 | 5,140.78 | 531.81 | 1,961.26 | - | 0.382 | 206 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 01.06.2025 | 4,553.82 | 547.49 | 1,762.56 | - | 0.387 | 205 | 270 | Restricted cyclic mill operation |
| 20.06.2025 | 5,272.92 | 535.91 | 1,999.22 | - | 0.379 | 205 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 22.06.2025 | 4,787.98 | 509.77 | 1,782.24 | - | 0.372 | 205 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 18.06.2025 | 4,737.74 | 505.93 | 1,826.11 | - | 0.385 | 202 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 24.06.2025 | 4,991.61 | 523.45 | 1,907.81 | - | 0.382 | 201 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 12.04.2025 | 4,895.70 | 572.80 | 1,895.83 | - | 0.387 | 199 | 270 | - |
| 13.04.2025 | 5,010.07 | 574.50 | 1,927.27 | - | 0.385 | 199 | 270 | Restricted coal mill operation |
| 11.05.2025 | 5,845.96 | 610.68 | 2,182.37 | - | 0.373 | 199 | 270 | - |
| 12.05.2025 | 5,039.69 | 572.19 | 1,917.55 | - | 0.380 | 199 | 270 | Restricted coal mill operation |
| 19.06.2025 | 4,744.90 | 505.69 | 1,838.06 | - | 0.387 | 198 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 03.03.2025 | 5,242.70 | 522.19 | 2,010.36 | - | 0.383 | 197 | 270 | - |
| 14.06.2025 | 4,616.77 | 512.69 | 1,795.71 | - | 0.389 | 197 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 16.06.2025 | 4,637.32 | 503.31 | 1,830.24 | 0.07 | 0.395 | 197 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 29.06.2025 | 5,093.78 | 531.67 | 1,946.71 | - | 0.382 | 197 | 270 | NP availability was 200MW/ Restricted cyclic mill operatio |
| 02.03.2025 | 5,144.02 | 534.59 | 1,972.70 | - | 0.383 | 196 | 200 | CW System debris filter failure |
| 17.06.2025 | 4,727.71 | 504.90 | 1,841.62 | - | 0.390 | 196 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 23.06.2025 | 4,923.58 | 522.52 | 1,887.94 | - | 0.383 | 196 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 25.06.2025 | 5,028.39 | 528.85 | 1,925.76 | 0.07 | 0.383 | 196 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 26.06.2025 | 5,004.38 | 526.95 | 1,911.53 | - | 0.382 | 196 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 27.06.2025 | 4,865.69 | 518.53 | 1,871.28 | - | 0.385 | 196 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 28.06.2025 | 4,991.89 | 519.70 | 1,925.42 | - | 0.386 | 196 | 200 | CW Pump A high Vibration / Restricted cyclic mill operatio |
| 31.05.2025 | 4,596.96 | 552.57 | 1,763.11 | - | 0.384 | 195 | 270 | - |
| 25.05.2025 | 4,473.44 | 541.61 | 1,709.42 | - | 0.382 | 186 | 270 | - |
| 10.06.2025 | 4,584.47 | 550.00 | 1,773.34 | - | 0.387 | 183 | 270 | Restricted cyclic mill operation |
| 11.04.2025 | 4,617.75 | 552.42 | 1,798.10 | - | 0.389 | 156 | 270 | - |

Unit 03

| Date | Coal Rate (g/kWh) | Energy MWh | | Capacity MW | Auxilary Consumption (MWh) | Coal Consumption (Tons) | Oil Consumption (Tons) |
|---|---|---|---|---|---|---|---|
| | | Gross Energy Generated | Net Energy Sent Out | | | | |
| 01-01-2020 | 380 | 5434.16 | 4969.00 | 226.42 | 465.16 | 2063.69 | 0.00 |
| 02-01-2020 | 376 | 5496.25 | 4970.00 | 229.01 | 526.25 | 2066.81 | 0.00 |
| 03-01-2020 | 374 | 5487.31 | 4979.00 | 228.64 | 508.31 | 2049.82 | 0.00 |
| 04-01-2020 | 369 | 5493.06 | 4970.00 | 228.88 | 523.06 | 2027.40 | 0.00 |
| 05-01-2020 | 370 | 5484.16 | 4974.00 | 228.51 | 510.16 | 2030.23 | 0.38 |
| 06-01-2020 | 372 | 5491.41 | 4971.00 | 228.81 | 520.41 | 2042.21 | 0.00 |
| 07-01-2020 | 373 | 5491.65 | 4971.00 | 228.82 | 520.65 | 2050.44 | 0.00 |
| 08-01-2020 | 371 | 5497.60 | 4977.00 | 229.07 | 520.60 | 2038.75 | 0.00 |
| 09-01-2020 | 370 | 5498.28 | 4970.00 | 229.10 | 528.28 | 2032.06 | 0.00 |
| 10-01-2020 | 372 | 5498.06 | 4982.00 | 229.09 | 516.06 | 2047.39 | 0.00 |
| 11-01-2020 | 370 | 5499.66 | 4978.00 | 229.15 | 521.66 | 2036.38 | 0.00 |
| 12-01-2020 | 370 | 5499.03 | 4978.00 | 229.13 | 521.03 | 2036.52 | 0.00 |
| 13-01-2020 | 371 | 5499.94 | 4977.00 | 229.16 | 522.94 | 2040.62 | 0.00 |
| 14-01-2020 | 357 | 6956.03 | 6319.00 | 289.83 | 637.03 | 2485.56 | 0.00 |
| 15-01-2020 | 355 | 6954.62 | 6303.00 | 289.78 | 651.62 | 2468.33 | 0.00 |
| 16-01-2020 | 358 | 7155.81 | 6490.00 | 298.16 | 665.81 | 2558.26 | 0.00 |
| 17-01-2020 | 359 | 7154.38 | 6485.00 | 298.10 | 669.38 | 2567.83 | 0.00 |
| 18-01-2020 | 357 | 7159.03 | 6496.00 | 298.29 | 663.03 | 2554.44 | 0.00 |
| 19-01-2020 | 355 | 7168.91 | 6496.00 | 298.70 | 672.91 | 2545.61 | 0.00 |
| 20-01-2020 | 355 | 7156.72 | 6499.00 | 298.20 | 657.72 | 2537.35 | 0.31 |
| 21-01-2020 | 354 | 7079.37 | 6415.00 | 294.97 | 664.37 | 2507.40 | 0.00 |
| 22-01-2020 | 358 | 6912.97 | 6262.00 | 288.04 | 650.97 | 2471.57 | 0.00 |
| 23-01-2020 | 360 | 7162.06 | 6513.00 | 298.42 | 649.06 | 2575.44 | 0.00 |
| 24-01-2020 | 356 | 7161.10 | 6507.00 | 298.38 | 654.10 | 2548.92 | 0.00 |
| 25-01-2020 | 361 | 7129.21 | 6462.00 | 297.05 | 667.21 | 2574.70 | 0.00 |
| 26-01-2020 | 373 | 6199.75 | 5591.00 | 258.32 | 608.75 | 2314.80 | 0.00 |
| 27-01-2020 | 365 | 7154.57 | 6504.00 | 298.11 | 650.57 | 2610.14 | 0.00 |
| 28-01-2020 | 360 | 7148.06 | 6486.00 | 297.84 | 662.06 | 2569.92 | 0.00 |
| 29-01-2020 | 360 | 7104.62 | 6466.00 | 296.03 | 638.62 | 2559.89 | 0.00 |
| 30-01-2020 | 357 | 7165.00 | 6502.00 | 298.54 | 663.00 | 2559.98 | 0.00 |
| 31-01-2020 | 358 | 7150.85 | 6511.00 | 297.95 | 639.85 | 2557.42 | 0.00 |
| 01-02-2020 | 356 | 7065.25 | 6411.00 | 294.39 | 654.25 | 2516.33 | 0.00 |
| 02-02-2020 | 362 | 6697.15 | 6061.00 | 279.05 | 636.15 | 2426.38 | 0.00 |
| 03-02-2020 | 363 | 7148.88 | 6498.00 | 297.87 | 650.88 | 2595.14 | 0.00 |
| 04-02-2020 | 363 | 7160.34 | 6499.00 | 298.35 | 661.34 | 2601.12 | 0.00 |
| 05-02-2020 | 355 | 7167.13 | 6528.00 | 298.63 | 639.13 | 2545.75 | 0.43 |
| 06-02-2020 | 358 | 7142.37 | 6483.00 | 297.60 | 659.37 | 2555.86 | 0.00 |
| 07-02-2020 | 359 | 7154.82 | 6496.00 | 298.12 | 658.83 | 2567.09 | 0.00 |
| 08-02-2020 | 355 | 7160.37 | 6495.00 | 298.35 | 665.40 | 2543.33 | 0.00 |
| 09-02-2020 | 357 | 7147.81 | 6500.00 | 297.83 | 647.83 | 2550.62 | 0.00 |
| 10-02-2020 | 355 | 7152.57 | 6487.00 | 298.02 | 665.58 | 2542.27 | 0.00 |
| 11-02-2020 | 355 | 7075.43 | 6432.00 | 294.81 | 643.46 | 2514.34 | 0.00 |
| 12-02-2020 | 358 | 7054.94 | 6404.00 | 293.96 | 650.94 | 2526.48 | 0.00 |
| 13-02-2020 | 357 | 6817.63 | 6182.00 | 284.07 | 635.66 | 2436.82 | 0.00 |
| 14-02-2020 | 359 | 6798.25 | 6167.00 | 283.26 | 631.25 | 2438.78 | 0.00 |
| 15-02-2020 | 356 | 6809.75 | 6178.00 | 283.74 | 631.78 | 2425.15 | 3.74 |
| 16-02-2020 | 367 | 7005.87 | 6361.00 | 291.91 | 644.91 | 2568.46 | 0.46 |
| 17-02-2020 | 358 | 7151.38 | 6502.00 | 297.97 | 649.41 | 2558.71 | 0.00 |
| 18-02-2020 | 355 | 7172.50 | 6526.00 | 298.85 | 646.54 | 2543.23 | 0.00 |
| 19-02-2020 | 354 | 7169.06 | 6509.00 | 298.71 | 660.08 | 2534.62 | 0.00 |
| 20-02-2020 | 357 | 7161.25 | 6520.00 | 298.39 | 641.30 | 2554.80 | 0.36 |
| 21-02-2020 | 358 | 7164.19 | 6516.00 | 298.51 | 648.22 | 2561.33 | 0.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 22-02-2020 | 355 | 7165.00 | 6534.00 | 298.54 | 631.04 | 2546.62 | 0.00 |
| 23-02-2020 | 356 | 7093.25 | 6439.00 | 295.55 | 654.27 | 2523.14 | 0.00 |
| 24-02-2020 | 353 | 7111.62 | 6473.00 | 296.32 | 638.67 | 2511.53 | 0.00 |
| 25-02-2020 | 354 | 7160.13 | 6500.00 | 298.34 | 660.14 | 2533.54 | 0.00 |
| 26-02-2020 | 354 | 7162.25 | 6510.00 | 298.43 | 652.27 | 2536.18 | 0.00 |
| 27-02-2020 | 355 | 7157.25 | 6513.00 | 298.22 | 644.28 | 2543.30 | 0.00 |
| 28-02-2020 | 354 | 7166.50 | 6513.00 | 298.60 | 653.50 | 2537.69 | 0.00 |
| 29-02-2020 | 355 | 7170.56 | 6515.00 | 298.77 | 655.58 | 2545.01 | 0.00 |
| 01-03-2020 | 355 | 7166.31 | 6512.00 | 298.60 | 654.32 | 2546.42 | 0.00 |
| 02-03-2020 | 355 | 7167.06 | 6512.00 | 298.63 | 655.09 | 2543.11 | 0.00 |
| 03-03-2020 | 356 | 7173.00 | 6508.00 | 298.88 | 665.00 | 2555.95 | 0.00 |
| 04-03-2020 | 358 | 7158.63 | 6505.00 | 298.28 | 653.66 | 2565.34 | 0.00 |
| 05-03-2020 | 355 | 7103.75 | 6462.00 | 295.99 | 641.78 | 2519.02 | 0.36 |
| 06-03-2020 | 353 | 7122.50 | 6473.00 | 296.77 | 649.50 | 2513.83 | 0.00 |
| 07-03-2020 | 359 | 7115.87 | 6470.00 | 296.49 | 645.91 | 2553.58 | 0.00 |
| 08-03-2020 | 359 | 7048.88 | 6403.00 | 293.70 | 645.89 | 2529.72 | 0.00 |
| 09-03-2020 | 365 | 5969.75 | 5404.00 | 248.74 | 565.75 | 2176.42 | 42.10 |
| 10-03-2020 | 352 | 6346.06 | 5742.00 | 264.42 | 604.08 | 2230.63 | 42.91 |
| 11-03-2020 | 329 | 4147.69 | 3821.00 | 172.82 | 470.87 | 1363.22 | 144.79 |
| 12-03-2020 | 360 | 7159.31 | 6509.00 | 298.30 | 650.33 | 2577.98 | 0.00 |
| 13-03-2020 | 360 | 7143.31 | 6503.00 | 297.64 | 640.37 | 2573.33 | 0.00 |
| 14-03-2020 | 358 | 7148.82 | 6500.00 | 297.87 | 648.87 | 2561.76 | 0.00 |
| 15-03-2020 | 356 | 7128.25 | 6465.00 | 297.01 | 663.27 | 2538.19 | 0.00 |
| 16-03-2020 | 359 | 7131.25 | 6488.00 | 297.14 | 643.29 | 2562.62 | 0.00 |
| 17-03-2020 | 357 | 7132.25 | 6483.00 | 297.18 | 649.28 | 2548.94 | 0.00 |
| 18-03-2020 | 359 | 7099.37 | 6438.00 | 295.81 | 661.40 | 2547.98 | 0.00 |
| 19-03-2020 | 356 | 7145.63 | 6504.00 | 297.73 | 641.68 | 2541.53 | 0.00 |
| 20-03-2020 | 354 | 7155.62 | 6502.00 | 298.15 | 653.64 | 2534.21 | 0.24 |
| 21-03-2020 | 352 | 7116.75 | 6465.00 | 296.53 | 651.79 | 2503.08 | 0.00 |
| 22-03-2020 | 357 | 7097.00 | 6448.00 | 295.71 | 649.02 | 2533.66 | 0.00 |
| 23-03-2020 | 357 | 7088.25 | 6438.00 | 295.34 | 650.27 | 2533.30 | 0.00 |
| 24-03-2020 | 356 | 7012.19 | 6354.00 | 292.17 | 658.23 | 2497.51 | 0.00 |
| 25-03-2020 | 359 | 6924.50 | 6292.00 | 288.52 | 632.52 | 2486.57 | 0.00 |
| 26-03-2020 | 360 | 6887.87 | 6247.00 | 286.99 | 640.91 | 2479.22 | 0.00 |
| 27-03-2020 | 360 | 7004.82 | 6358.00 | 291.87 | 646.84 | 2519.23 | 0.00 |
| 28-03-2020 | 366 | 7037.00 | 6381.00 | 293.21 | 656.05 | 2575.18 | 0.00 |
| 29-03-2020 | 358 | 6977.43 | 6343.00 | 290.73 | 634.44 | 2494.63 | 0.00 |
| 30-03-2020 | 355 | 7045.19 | 6393.00 | 293.55 | 652.21 | 2497.49 | 0.00 |
| 31-03-2020 | 366 | 6830.94 | 6195.00 | 284.62 | 635.97 | 2499.26 | 0.00 |
| 01-04-2020 | 355 | 7052.19 | 6415.00 | 293.84 | 637.21 | 2502.34 | 0.00 |
| 02-04-2020 | 354 | 6990.87 | 6346.00 | 291.29 | 644.88 | 2477.21 | 0.00 |
| 03-04-2020 | 357 | 7012.88 | 6364.00 | 292.20 | 648.91 | 2506.56 | 0.00 |
| 04-04-2020 | 357 | 6956.18 | 6301.00 | 289.84 | 655.24 | 2480.14 | 0.00 |
| 05-04-2020 | 360 | 6466.63 | 5858.00 | 269.44 | 608.68 | 2325.72 | 0.24 |
| 06-04-2020 | 359 | 6976.19 | 6314.00 | 290.67 | 662.24 | 2505.43 | 0.00 |
| 07-04-2020 | 359 | 7110.87 | 6454.00 | 296.29 | 656.87 | 2549.62 | 0.00 |
| 08-04-2020 | 359 | 7058.44 | 6412.00 | 294.10 | 646.45 | 2536.82 | 0.00 |
| 09-04-2020 | 360 | 7024.81 | 6373.00 | 292.70 | 651.83 | 2531.06 | 0.00 |
| 10-04-2020 | 360 | 6876.56 | 6230.00 | 286.52 | 646.58 | 2476.30 | 0.00 |
| 11-04-2020 | 359 | 6800.75 | 6149.00 | 283.36 | 651.78 | 2442.74 | 0.00 |
| 12-04-2020 | 360 | 6643.88 | 6017.00 | 276.83 | 626.91 | 2391.14 | 0.00 |
| 13-04-2020 | 361 | 6314.87 | 5687.00 | 263.12 | 627.90 | 2282.76 | 0.00 |
| 14-04-2020 | 361 | 6210.25 | 5608.00 | 258.76 | 602.28 | 2244.65 | 0.29 |
| 15-04-2020 | 367 | 6319.07 | 5697.00 | 263.29 | 622.10 | 2321.66 | 0.29 |
| 16-04-2020 | 362 | 6371.81 | 5748.00 | 265.49 | 623.83 | 2303.83 | 6.98 |
| 17-04-2020 | 250 | 236.50 | 218.00 | 9.85 | 200.43 | 59.02 | 21.79 |
| 04-05-2020 | 338 | 2252.12 | 2035.00 | 93.84 | 340.93 | 760.61 | 172.75 |
| 05-05-2020 | 385 | 6696.75 | 6533.00 | 279.03 | 163.78 | 2577.91 | 0.00 |
| 06-05-2020 | 337 | 7554.13 | 6460.00 | 314.76 | 1094.15 | 2545.37 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 07-05-2020 | 359 | 7015.69 | 6371.00 | 292.32 | 644.88 | 2519.86 | 0.00 |
| 08-05-2020 | 369 | 6774.87 | 6144.00 | 282.29 | 631.04 | 2501.74 | 0.00 |
| 09-05-2020 | 367 | 7049.38 | 6395.00 | 293.72 | 654.50 | 2589.84 | 0.00 |
| 10-05-2020 | 367 | 7100.12 | 6476.00 | 295.84 | 624.18 | 2607.74 | 0.00 |
| 11-05-2020 | 369 | 6984.50 | 6344.00 | 291.02 | 640.65 | 2574.67 | 0.00 |
| 12-05-2020 | 364 | 7061.25 | 6416.00 | 294.22 | 645.35 | 2571.58 | 0.00 |
| 13-05-2020 | 365 | 6983.38 | 6356.00 | 290.97 | 627.73 | 2549.76 | 0.00 |
| 14-05-2020 | 366 | 7114.62 | 6471.00 | 296.44 | 644.04 | 2603.42 | 0.00 |
| 15-05-2020 | 369 | 7106.13 | 6457.00 | 296.09 | 649.40 | 2619.91 | 0.00 |
| 16-05-2020 | 371 | 6637.25 | 6018.00 | 276.55 | 619.59 | 2460.82 | 0.00 |
| 17-05-2020 | 368 | 7067.87 | 6432.00 | 294.49 | 636.09 | 2602.92 | 0.00 |
| 18-05-2020 | 367 | 6967.00 | 6323.00 | 290.29 | 644.37 | 2556.72 | 0.00 |
| 19-05-2020 | 370 | 6652.25 | 6029.00 | 277.18 | 623.43 | 2462.04 | 0.00 |
| 20-05-2020 | 364 | 6587.63 | 5970.00 | 274.48 | 617.80 | 2399.62 | 0.36 |
| 21-05-2020 | 364 | 7154.37 | 6514.00 | 298.10 | 640.37 | 2602.25 | 0.00 |
| 22-05-2020 | 365 | 7109.38 | 6463.00 | 296.22 | 646.38 | 2595.07 | 0.00 |
| 23-05-2020 | 361 | 7152.25 | 6528.00 | 298.01 | 624.25 | 2583.26 | 0.00 |
| 24-05-2020 | 366 | 7146.50 | 6511.00 | 297.77 | 635.50 | 2617.97 | 0.00 |
| 25-05-2020 | 362 | 7031.75 | 6398.00 | 292.99 | 633.75 | 2548.63 | 0.00 |
| 26-05-2020 | 369 | 7144.62 | 6505.00 | 297.69 | 639.62 | 2639.38 | 0.00 |
| 27-05-2020 | 368 | 7115.25 | 6475.00 | 296.47 | 640.25 | 2617.58 | 0.00 |
| 28-05-2020 | 368 | 7141.25 | 6489.00 | 297.55 | 652.25 | 2627.45 | 0.00 |
| 29-05-2020 | 369 | 7101.25 | 6456.00 | 295.89 | 645.25 | 2617.90 | 0.00 |
| 30-05-2020 | 370 | 7152.63 | 6509.00 | 298.03 | 643.63 | 2644.51 | 0.00 |
| 31-05-2020 | 367 | 7143.00 | 6511.00 | 297.63 | 632.00 | 2622.62 | 0.00 |
| 01-06-2020 | 366 | 7115.12 | 6472.00 | 296.46 | 643.12 | 2603.62 | 0.00 |
| 02-06-2020 | 363 | 7158.38 | 6515.00 | 298.27 | 643.38 | 2601.00 | 0.00 |
| 03-06-2020 | 366 | 7149.00 | 6510.00 | 297.88 | 639.00 | 2614.85 | 0.00 |
| 04-06-2020 | 367 | 7120.62 | 6475.00 | 296.69 | 645.62 | 2612.95 | 0.00 |
| 05-06-2020 | 371 | 7002.25 | 6361.00 | 291.76 | 641.25 | 2596.63 | 0.55 |
| 06-06-2020 | 371 | 7067.50 | 6419.00 | 294.48 | 648.50 | 2624.45 | 0.00 |
| 07-06-2020 | 371 | 7042.75 | 6389.00 | 293.45 | 653.75 | 2611.75 | 0.00 |
| 08-06-2020 | 378 | 6844.00 | 6205.00 | 285.17 | 639.00 | 2589.26 | 0.00 |
| 09-06-2020 | 373 | 7150.00 | 6521.00 | 297.92 | 629.00 | 2666.28 | 0.00 |
| 10-06-2020 | 376 | 7086.75 | 6435.00 | 295.28 | 651.75 | 2665.90 | 0.00 |
| 11-06-2020 | 377 | 7146.50 | 6497.00 | 297.77 | 649.50 | 2695.70 | 0.00 |
| 12-06-2020 | 382 | 7122.38 | 6480.00 | 296.77 | 642.38 | 2721.19 | 0.12 |
| 13-06-2020 | 381 | 7132.87 | 6476.00 | 297.20 | 656.87 | 2718.24 | 0.00 |
| 14-06-2020 | 378 | 7087.88 | 6448.00 | 295.33 | 639.88 | 2677.13 | 0.00 |
| 15-06-2020 | 379 | 7112.25 | 6478.00 | 296.34 | 634.25 | 2692.03 | 0.00 |
| 16-06-2020 | 373 | 7123.87 | 6480.00 | 296.83 | 643.87 | 2656.97 | 0.00 |
| 17-06-2020 | 376 | 7139.13 | 6494.00 | 297.46 | 645.13 | 2684.11 | 0.00 |
| 18-06-2020 | 371 | 7137.62 | 6482.00 | 297.40 | 655.62 | 2650.92 | 0.00 |
| 19-06-2020 | 371 | 7096.88 | 6446.00 | 295.70 | 650.88 | 2635.58 | 0.00 |
| 20-06-2020 | 373 | 7152.62 | 6511.00 | 298.03 | 641.62 | 2668.80 | 0.60 |
| 21-06-2020 | 375 | 7099.00 | 6444.00 | 295.79 | 655.00 | 2661.31 | 0.00 |
| 22-06-2020 | 374 | 7126.13 | 6462.00 | 296.92 | 664.13 | 2664.50 | 0.00 |
| 23-06-2020 | 373 | 7147.00 | 6498.00 | 297.79 | 649.00 | 2667.38 | 0.00 |
| 24-06-2020 | 359 | 7133.12 | 6478.00 | 297.21 | 655.12 | 2558.59 | 0.00 |
| 25-06-2020 | 370 | 5580.88 | 4997.00 | 232.54 | 583.88 | 2063.71 | 0.00 |
| 26-06-2020 | 378 | 6327.12 | 5720.00 | 263.63 | 607.12 | 2390.86 | 0.00 |
| 27-06-2020 | 366 | 7154.63 | 6498.00 | 298.11 | 656.63 | 2619.58 | 0.00 |
| 28-06-2020 | 369 | 7132.75 | 6471.00 | 297.20 | 661.75 | 2629.37 | 0.00 |
| 29-06-2020 | 363 | 7142.37 | 6498.00 | 297.60 | 644.37 | 2592.29 | 0.00 |
| 30-06-2020 | 362 | 7160.75 | 6495.00 | 298.36 | 665.75 | 2590.10 | 0.00 |
| 01-07-2020 | 367 | 7142.63 | 6493.00 | 297.61 | 649.63 | 2621.78 | 0.00 |
| 02-07-2020 | 363 | 7141.00 | 6488.00 | 297.54 | 653.00 | 2594.57 | 0.00 |
| 03-07-2020 | 367 | 7146.62 | 6491.00 | 297.78 | 655.62 | 2626.34 | 0.00 |
| 04-07-2020 | 372 | 6214.88 | 5637.00 | 258.95 | 577.88 | 2310.19 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 05-07-2020 | 364 | 7125.62 | 6475.00 | 296.90 | 650.62 | 2594.88 | 0.58 |
| 06-07-2020 | 364 | 7130.88 | 6477.00 | 297.12 | 653.88 | 2595.70 | 0.00 |
| 07-07-2020 | 359 | 7128.12 | 6465.00 | 297.01 | 663.12 | 2558.74 | 0.00 |
| 08-07-2020 | 359 | 7138.50 | 6495.00 | 297.44 | 643.50 | 2563.87 | 0.00 |
| 09-07-2020 | 359 | 7138.75 | 6487.00 | 297.45 | 651.75 | 2560.97 | 0.00 |
| 10-07-2020 | 361 | 7138.38 | 6484.00 | 297.43 | 654.38 | 2575.66 | 0.00 |
| 11-07-2020 | 360 | 7156.62 | 6504.00 | 298.19 | 652.62 | 2576.40 | 0.00 |
| 12-07-2020 | 360 | 7141.25 | 6489.00 | 297.55 | 652.25 | 2574.07 | 0.00 |
| 13-07-2020 | 359 | 7058.00 | 6407.00 | 294.08 | 651.00 | 2534.98 | 0.00 |
| 14-07-2020 | 358 | 6983.50 | 6342.00 | 290.98 | 641.50 | 2501.04 | 0.00 |
| 15-07-2020 | 361 | 7134.88 | 6483.00 | 297.29 | 651.88 | 2578.10 | 0.00 |
| 16-07-2020 | 360 | 7159.25 | 6509.00 | 298.30 | 650.25 | 2576.18 | 0.00 |
| 17-07-2020 | 361 | 7141.87 | 6494.00 | 297.58 | 647.87 | 2580.22 | 0.00 |
| 18-07-2020 | 360 | 7148.75 | 6501.00 | 297.86 | 647.75 | 2572.90 | 0.00 |
| 19-07-2020 | 359 | 7149.13 | 6498.00 | 297.88 | 651.13 | 2564.23 | 0.00 |
| 20-07-2020 | 356 | 7132.50 | 6478.00 | 297.19 | 654.50 | 2537.45 | 0.48 |
| 21-07-2020 | 359 | 7117.37 | 6454.00 | 296.56 | 663.37 | 2557.18 | 0.00 |
| 22-07-2020 | 366 | 7141.88 | 6494.00 | 297.58 | 647.88 | 2610.55 | 0.00 |
| 23-07-2020 | 356 | 7120.62 | 6468.00 | 296.69 | 652.62 | 2533.20 | 0.00 |
| 24-07-2020 | 361 | 6864.00 | 6229.00 | 286.00 | 635.00 | 2475.79 | 8.21 |
| 25-07-2020 | 356 | 5616.75 | 5058.00 | 234.03 | 558.75 | 2001.14 | 66.41 |
| 26-07-2020 | 365 | 6990.88 | 6343.00 | 291.29 | 647.88 | 2554.63 | 3.38 |
| 27-07-2020 | 360 | 7094.62 | 6452.00 | 295.61 | 642.62 | 2551.99 | 0.00 |
| 28-07-2020 | 362 | 6903.13 | 6265.00 | 287.63 | 638.13 | 2502.07 | 0.91 |
| 29-07-2020 | 362 | 7064.75 | 6407.00 | 294.36 | 657.75 | 2560.54 | 0.00 |
| 30-07-2020 | 362 | 7147.87 | 6506.00 | 297.83 | 641.87 | 2587.92 | 0.00 |
| 31-07-2020 | 362 | 7107.13 | 6456.00 | 296.13 | 651.13 | 2569.82 | 0.00 |
| 01-08-2020 | 359 | 7094.37 | 6438.00 | 295.60 | 656.37 | 2547.24 | 0.48 |
| 02-08-2020 | 362 | 5810.88 | 5242.00 | 242.12 | 568.88 | 2101.87 | 22.01 |
| 03-08-2020 | 363 | 7068.75 | 6428.00 | 294.53 | 640.75 | 2568.17 | 0.00 |
| 04-08-2020 | 362 | 7064.12 | 6416.00 | 294.34 | 648.12 | 2560.25 | 0.00 |
| 05-08-2020 | 363 | 6885.13 | 6250.00 | 286.88 | 635.13 | 2502.29 | 0.50 |
| 06-08-2020 | 365 | 6396.75 | 5782.00 | 266.53 | 614.75 | 2335.78 | 0.00 |
| 07-08-2020 | 369 | 6450.12 | 5845.00 | 268.76 | 605.12 | 2381.23 | 0.00 |
| 08-08-2020 | 371 | 6307.13 | 5690.00 | 262.80 | 617.13 | 2340.05 | 0.00 |
| 09-08-2020 | 377 | 4891.62 | 4361.00 | 203.82 | 530.62 | 1843.22 | 0.00 |
| 10-08-2020 | 374 | 6251.25 | 5646.00 | 260.47 | 605.25 | 2336.88 | 0.00 |
| 11-08-2020 | 373 | 6592.88 | 5967.00 | 274.70 | 625.88 | 2455.92 | 0.00 |
| 12-08-2020 | 372 | 6751.75 | 6126.00 | 281.32 | 625.75 | 2510.16 | 0.00 |
| 13-08-2020 | 369 | 6701.37 | 6084.00 | 279.22 | 617.37 | 2475.60 | 0.00 |
| 14-08-2020 | 366 | 7101.75 | 6446.00 | 295.91 | 655.75 | 2600.98 | 0.00 |
| 15-08-2020 | 378 | 5285.63 | 4784.00 | 220.23 | 501.63 | 1999.15 | 0.00 |
| 16-08-2020 | 373 | 5433.00 | 4905.00 | 226.38 | 528.00 | 2027.26 | 0.00 |
| 17-08-2020 | 373 | 3407.37 | 3068.00 | 141.97 | 339.78 | 1271.40 | 6.65 |
| 23-08-2020 | 373 | 825.38 | 767.00 | 34.39 | 188.46 | 307.49 | 155.18 |
| 24-08-2020 | 380 | 5323.62 | 4852.00 | 221.82 | 471.62 | 2021.04 | 0.00 |
| 25-08-2020 | 375 | 5333.38 | 4806.00 | 222.22 | 527.38 | 1999.68 | 0.00 |
| 26-08-2020 | 376 | 5256.12 | 4752.00 | 219.01 | 504.12 | 1978.20 | 0.00 |
| 27-08-2020 | 379 | 5242.25 | 4726.00 | 218.43 | 516.25 | 1988.54 | 0.00 |
| 28-08-2020 | 378 | 5257.63 | 4729.00 | 219.07 | 528.63 | 1987.32 | 0.00 |
| 29-08-2020 | 376 | 5249.50 | 4734.00 | 218.73 | 515.50 | 1971.89 | 0.00 |
| 30-08-2020 | 377 | 5250.25 | 4729.00 | 218.76 | 521.25 | 1980.67 | 0.00 |
| 31-08-2020 | 378 | 5247.37 | 4734.00 | 218.64 | 513.37 | 1984.08 | 0.00 |
| 01-09-2020 | 377 | 5126.13 | 4604.00 | 213.59 | 522.13 | 1932.17 | 0.00 |
| 02-09-2020 | 372 | 3764.75 | 3398.00 | 156.86 | 399.44 | 1399.70 | 14.88 |
| 07-09-2020 | 362 | 2626.37 | 2422.00 | 109.43 | 306.94 | 950.50 | 114.50 |
| 08-09-2020 | 368 | 7137.00 | 6528.00 | 297.38 | 609.03 | 2624.47 | 0.02 |
| 09-09-2020 | 372 | 6876.50 | 6246.00 | 286.52 | 630.53 | 2555.47 | 0.00 |
| 10-09-2020 | 366 | 7097.88 | 6449.00 | 295.75 | 648.89 | 2595.10 | 0.00 |

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| 11-09-2020 | 364 | 7143.75 | 6492.00 | 297.66 | 651.75 | 2599.37 | 0.00 |
| 12-09-2020 | 362 | 7155.87 | 6506.00 | 298.16 | 649.87 | 2592.74 | 0.00 |
| 13-09-2020 | 361 | 7070.63 | 6414.00 | 294.61 | 656.63 | 2555.78 | 0.00 |
| 14-09-2020 | 362 | 7111.62 | 6472.00 | 296.32 | 639.62 | 2572.87 | 0.00 |
| 15-09-2020 | 362 | 7158.75 | 6509.00 | 298.28 | 649.75 | 2589.67 | 0.00 |
| 16-09-2020 | 360 | 7157.25 | 6504.00 | 298.22 | 653.25 | 2579.74 | 0.00 |
| 17-09-2020 | 360 | 7161.38 | 6508.00 | 298.39 | 653.38 | 2578.15 | 0.00 |
| 18-09-2020 | 361 | 6977.25 | 6339.00 | 290.72 | 638.25 | 2519.35 | 0.00 |
| 19-09-2020 | 363 | 6375.12 | 5760.00 | 265.63 | 615.12 | 2317.22 | 0.00 |
| 20-09-2020 | 370 | 5052.00 | 4507.00 | 210.50 | 545.00 | 1869.41 | 0.46 |
| 21-09-2020 | 364 | 6286.50 | 5683.00 | 261.94 | 603.50 | 2286.86 | 0.00 |
| 22-09-2020 | 370 | 6087.38 | 5471.00 | 253.64 | 616.38 | 2249.38 | 0.00 |
| 23-09-2020 | 369 | 6335.50 | 5715.00 | 263.98 | 620.50 | 2335.03 | 0.00 |
| 24-09-2020 | 365 | 6492.00 | 5873.00 | 270.50 | 619.00 | 2367.17 | 0.00 |
| 25-09-2020 | 362 | 6743.87 | 6121.00 | 280.99 | 622.87 | 2444.23 | 0.00 |
| 26-09-2020 | 364 | 6717.75 | 6081.00 | 279.91 | 636.75 | 2443.22 | 0.00 |
| 27-09-2020 | 367 | 7135.00 | 6482.00 | 297.29 | 653.00 | 2617.92 | 0.00 |
| 28-09-2020 | 368 | 7103.50 | 6457.00 | 295.98 | 646.50 | 2617.32 | 0.00 |
| 29-09-2020 | 365 | 7131.13 | 6481.00 | 297.13 | 650.13 | 2602.37 | 0.00 |
| 30-09-2020 | 364 | 6883.50 | 6241.00 | 286.81 | 642.50 | 2502.98 | 0.00 |
| 01-10-2020 | 369 | 6117.50 | 5515.00 | 254.90 | 602.50 | 2258.71 | 0.00 |
| 02-10-2020 | 371 | 6783.25 | 6153.00 | 282.64 | 630.25 | 2517.77 | 0.00 |
| 03-10-2020 | 364 | 7153.75 | 6510.00 | 298.07 | 643.75 | 2604.74 | 0.00 |
| 04-10-2020 | 360 | 7154.37 | 6494.00 | 298.10 | 660.37 | 2577.91 | 0.00 |
| 05-10-2020 | 361 | 7116.25 | 6490.00 | 296.51 | 626.25 | 2568.60 | 0.38 |
| 06-10-2020 | 359 | 7158.63 | 6504.00 | 298.28 | 654.63 | 2572.99 | 0.00 |
| 07-10-2020 | 363 | 7150.00 | 6497.00 | 297.92 | 653.00 | 2593.75 | 0.00 |
| 08-10-2020 | 363 | 7160.62 | 6510.00 | 298.36 | 650.62 | 2597.33 | 0.00 |
| 09-10-2020 | 363 | 7146.13 | 6497.00 | 297.76 | 649.13 | 2591.52 | 0.00 |
| 10-10-2020 | 362 | 7152.62 | 6504.00 | 298.03 | 648.62 | 2586.65 | 0.00 |
| 11-10-2020 | 369 | 6020.75 | 5418.00 | 250.86 | 602.75 | 2223.72 | 0.00 |
| 12-10-2020 | 364 | 6741.50 | 6116.00 | 280.90 | 625.50 | 2455.92 | 0.00 |
| 13-10-2020 | 365 | 6789.13 | 6154.00 | 282.88 | 635.13 | 2477.23 | 0.00 |
| 14-10-2020 | 366 | 6793.87 | 6159.00 | 283.08 | 634.87 | 2484.94 | 0.00 |
| 15-10-2020 | 368 | 6220.13 | 5602.00 | 259.17 | 618.13 | 2291.09 | 0.00 |
| 16-10-2020 | 363 | 6179.62 | 5568.00 | 257.48 | 611.62 | 2242.66 | 0.00 |
| 17-10-2020 | 362 | 5679.00 | 5103.00 | 236.63 | 576.00 | 2056.49 | 0.00 |
| 18-10-2020 | 365 | 5718.00 | 5154.00 | 238.25 | 564.00 | 2084.64 | 0.00 |
| 19-10-2020 | 360 | 7008.63 | 6364.00 | 292.03 | 644.63 | 2524.13 | 0.00 |
| 20-10-2020 | 359 | 7096.12 | 6447.00 | 295.67 | 649.12 | 2546.83 | 0.55 |
| 21-10-2020 | 359 | 7152.25 | 6491.00 | 298.01 | 661.25 | 2565.67 | 0.00 |
| 22-10-2020 | 358 | 7112.00 | 6472.00 | 296.33 | 640.00 | 2544.96 | 0.00 |
| 23-10-2020 | 359 | 7146.25 | 6498.00 | 297.76 | 648.25 | 2568.07 | 0.00 |
| 24-10-2020 | 358 | 7157.50 | 6500.00 | 298.23 | 657.50 | 2560.63 | 0.00 |
| 25-10-2020 | 359 | 7152.50 | 6514.00 | 298.02 | 638.50 | 2565.48 | 0.00 |
| 26-10-2020 | 360 | 7149.75 | 6498.00 | 297.91 | 651.75 | 2571.14 | 0.00 |
| 27-10-2020 | 360 | 7158.00 | 6502.00 | 298.25 | 656.00 | 2575.03 | 0.00 |
| 28-10-2020 | 358 | 7143.25 | 6506.00 | 297.64 | 637.25 | 2560.51 | 0.00 |
| 29-10-2020 | 358 | 7151.50 | 6506.00 | 297.98 | 645.50 | 2560.94 | 0.00 |
| 30-10-2020 | 361 | 7157.25 | 6502.00 | 298.22 | 655.25 | 2580.70 | 0.00 |
| 31-10-2020 | 365 | 7154.25 | 6516.00 | 298.09 | 638.25 | 2607.72 | 0.00 |
| 01-11-2020 | 365 | 7143.25 | 6496.00 | 297.64 | 647.25 | 2608.10 | 0.00 |
| 02-11-2020 | 366 | 7143.50 | 6492.00 | 297.65 | 651.50 | 2611.37 | 0.00 |
| 03-11-2020 | 366 | 7158.00 | 6507.00 | 298.25 | 651.00 | 2621.74 | 0.00 |
| 04-11-2020 | 364 | 7148.50 | 6521.00 | 297.85 | 627.50 | 2605.15 | 0.00 |
| 05-11-2020 | 362 | 7160.50 | 6506.00 | 298.35 | 654.50 | 2589.60 | 0.00 |
| 06-11-2020 | 363 | 7163.25 | 6500.00 | 298.47 | 663.25 | 2598.29 | 0.00 |
| 07-11-2020 | 364 | 6812.25 | 6164.00 | 283.84 | 648.25 | 2481.14 | 0.00 |
| 08-11-2020 | 365 | 7147.75 | 6496.00 | 297.82 | 651.75 | 2608.18 | 0.00 |

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| 09-11-2020 | 366 | 7020.00 | 6361.00 | 292.50 | 659.00 | 2572.66 | 0.00 |
| 10-11-2020 | 371 | 6293.25 | 5671.00 | 262.22 | 622.25 | 2337.10 | 0.00 |
| 11-11-2020 | 368 | 7068.25 | 6412.00 | 294.51 | 656.25 | 2603.23 | 0.00 |
| 03-01-2021 | 382 | 5354.75 | 4934.00 | 223.11 | 479.78 | 2045.90 | 53.09 |
| 04-01-2021 | 365 | 7089.00 | 6497.00 | 295.38 | 592.00 | 2589.24 | 0.00 |
| 05-01-2021 | 370 | 6966.00 | 6441.00 | 290.25 | 525.00 | 2579.57 | 1.99 |
| 06-01-2021 | 367 | 7130.00 | 6566.00 | 297.08 | 564.00 | 2614.94 | 0.00 |
| 07-01-2021 | 367 | 7007.25 | 6473.00 | 291.97 | 534.25 | 2571.17 | 0.00 |
| 08-01-2021 | 363 | 7116.75 | 6524.00 | 296.53 | 592.75 | 2586.12 | 0.00 |
| 09-01-2021 | 370 | 6787.75 | 6219.00 | 282.82 | 568.75 | 2513.02 | 0.22 |
| 10-01-2021 | 370 | 7050.75 | 6439.00 | 293.78 | 611.75 | 2605.22 | 1.30 |
| 11-01-2021 | 369 | 7032.50 | 6384.00 | 293.02 | 648.50 | 2593.78 | 0.77 |
| 12-01-2021 | 369 | 7052.25 | 6425.00 | 293.84 | 627.25 | 2603.30 | 0.00 |
| 13-01-2021 | 368 | 7134.00 | 6478.00 | 297.25 | 656.00 | 2626.82 | 0.00 |
| 14-01-2021 | 365 | 7008.00 | 6379.00 | 292.00 | 629.00 | 2560.42 | 0.00 |
| 15-01-2021 | 367 | 7087.00 | 6446.00 | 295.29 | 641.00 | 2603.95 | 0.00 |
| 16-01-2021 | 365 | 7139.75 | 6483.00 | 297.49 | 656.75 | 2606.95 | 0.00 |
| 17-01-2021 | 370 | 6997.25 | 6365.00 | 291.55 | 632.25 | 2590.18 | 0.00 |
| 18-01-2021 | 359 | 6875.25 | 6242.00 | 286.47 | 633.25 | 2465.83 | 13.18 |
| 19-01-2021 | 366 | 6559.00 | 5959.00 | 273.29 | 600.00 | 2400.12 | 0.00 |
| 20-01-2021 | 361 | 7153.25 | 6521.00 | 298.05 | 632.25 | 2581.03 | 0.53 |
| 21-01-2021 | 367 | 7137.50 | 6491.00 | 297.40 | 646.50 | 2618.35 | 0.00 |
| 22-01-2021 | 370 | 7160.50 | 6500.00 | 298.35 | 660.50 | 2650.78 | 0.00 |
| 23-01-2021 | 374 | 7142.50 | 6492.00 | 297.60 | 650.50 | 2670.38 | 0.00 |
| 24-01-2021 | 369 | 7151.25 | 6500.00 | 297.97 | 651.25 | 2641.54 | 0.00 |
| 25-01-2021 | 371 | 7141.50 | 6498.00 | 297.56 | 643.50 | 2651.14 | 0.00 |
| 26-01-2021 | 366 | 7165.25 | 6513.00 | 298.55 | 652.25 | 2623.75 | 0.00 |
| 27-01-2021 | 358 | 7156.00 | 6502.00 | 298.17 | 654.00 | 2564.26 | 0.00 |
| 28-01-2021 | 357 | 7177.75 | 6523.00 | 299.07 | 654.75 | 2563.01 | 0.00 |
| 29-01-2021 | 360 | 7139.50 | 6480.00 | 297.48 | 659.50 | 2569.39 | 0.00 |
| 30-01-2021 | 362 | 7183.50 | 6528.00 | 299.31 | 655.50 | 2598.77 | 0.00 |
| 31-01-2021 | 363 | 7066.25 | 6427.75 | 294.43 | 638.50 | 2564.64 | 0.00 |
| 01-02-2021 | 364 | 6527.25 | 5917.25 | 271.97 | 610.00 | 2375.33 | 9.60 |
| 02-02-2021 | 365 | 5609.75 | 5114.00 | 233.74 | 554.84 | 2046.10 | 69.12 |
| 03-02-2021 | 365 | 7159.00 | 6513.00 | 298.29 | 646.00 | 2611.22 | 0.00 |
| 04-02-2021 | 365 | 7115.25 | 6458.00 | 296.47 | 657.25 | 2598.07 | 0.00 |
| 05-02-2021 | 361 | 7162.00 | 6509.00 | 298.42 | 653.00 | 2586.19 | 0.50 |
| 06-02-2021 | 360 | 7162.00 | 6515.00 | 298.42 | 647.00 | 2576.95 | 0.10 |
| 07-02-2021 | 363 | 7185.00 | 6528.00 | 299.38 | 657.00 | 2605.82 | 0.00 |
| 08-02-2021 | 365 | 7146.25 | 6496.00 | 297.76 | 650.25 | 2605.18 | 0.00 |
| 09-02-2021 | 358 | 7168.25 | 6523.00 | 298.68 | 645.25 | 2563.92 | 0.00 |
| 10-02-2021 | 355 | 7162.50 | 6512.00 | 298.44 | 650.50 | 2542.30 | 0.00 |
| 11-02-2021 | 356 | 7162.25 | 6516.00 | 298.43 | 646.25 | 2548.87 | 0.00 |
| 12-02-2021 | 355 | 7170.50 | 6520.00 | 298.77 | 650.50 | 2543.81 | 0.00 |
| 13-02-2021 | 357 | 7161.50 | 6536.00 | 298.40 | 625.50 | 2559.70 | 0.00 |
| 14-02-2021 | 354 | 7166.50 | 6519.00 | 298.60 | 647.50 | 2538.38 | 0.00 |
| 15-02-2021 | 357 | 7077.25 | 6445.00 | 294.89 | 632.25 | 2528.47 | 0.00 |
| 16-02-2021 | 362 | 7114.00 | 6523.00 | 296.42 | 591.00 | 2576.50 | 0.00 |
| 17-02-2021 | 361 | 7104.50 | 6466.00 | 296.02 | 638.50 | 2563.46 | 0.00 |
| 18-02-2021 | 365 | 7159.00 | 6518.00 | 298.29 | 641.00 | 2615.93 | 0.00 |
| 19-02-2021 | 359 | 7164.50 | 6523.00 | 298.52 | 641.50 | 2573.95 | 0.00 |
| 20-02-2021 | 355 | 7173.75 | 6518.00 | 298.91 | 655.75 | 2546.81 | 0.41 |
| 21-02-2021 | 363 | 7158.75 | 6523.00 | 298.28 | 635.75 | 2596.75 | 0.00 |
| 22-02-2021 | 364 | 7170.00 | 6528.00 | 298.75 | 642.00 | 2608.68 | 0.00 |
| 23-02-2021 | 364 | 7169.00 | 6514.00 | 298.71 | 655.00 | 2607.07 | 0.00 |
| 24-02-2021 | 360 | 7159.25 | 6519.00 | 298.30 | 640.25 | 2575.97 | 0.00 |
| 25-02-2021 | 359 | 7165.50 | 6515.00 | 298.56 | 650.50 | 2569.27 | 0.00 |
| 26-02-2021 | 357 | 7169.75 | 6519.00 | 298.74 | 650.75 | 2559.00 | 0.00 |
| 27-02-2021 | 359 | 7165.50 | 6520.00 | 298.56 | 645.50 | 2572.15 | 0.00 |

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| 28-02-2021 | 361 | 7168.50 | 6517.00 | 298.69 | 651.50 | 2588.30 | 0.00 |
| 01-03-2021 | 360 | 7157.75 | 6524.00 | 298.24 | 633.75 | 2573.59 | 0.00 |
| 02-03-2021 | 360 | 7136.75 | 6487.00 | 297.36 | 649.75 | 2567.18 | 0.00 |
| 03-03-2021 | 358 | 7153.50 | 6498.00 | 298.06 | 655.50 | 2563.66 | 0.00 |
| 04-03-2021 | 360 | 7146.75 | 6494.00 | 297.78 | 652.75 | 2575.18 | 0.00 |
| 05-03-2021 | 364 | 7099.25 | 6441.00 | 295.80 | 658.25 | 2583.50 | 0.48 |
| 06-03-2021 | 361 | 7073.50 | 6419.00 | 294.73 | 654.50 | 2555.64 | 0.00 |
| 07-03-2021 | 378 | 5361.75 | 4781.00 | 223.41 | 580.75 | 2027.42 | 0.00 |
| 08-03-2021 | 365 | 7151.00 | 6488.00 | 297.96 | 663.00 | 2611.56 | 0.00 |
| 09-03-2021 | 368 | 7151.25 | 6496.00 | 297.97 | 655.25 | 2628.24 | 0.00 |
| 10-03-2021 | 368 | 7151.75 | 6483.00 | 297.99 | 668.75 | 2631.41 | 0.00 |
| 11-03-2021 | 368 | 7159.25 | 6499.00 | 298.30 | 660.25 | 2637.89 | 0.00 |
| 12-03-2021 | 366 | 7170.75 | 6502.00 | 298.78 | 668.75 | 2625.17 | 0.00 |
| 13-03-2021 | 367 | 7155.00 | 6512.00 | 298.13 | 643.00 | 2628.02 | 0.00 |
| 14-03-2021 | 365 | 7169.50 | 6506.00 | 298.73 | 663.50 | 2615.83 | 0.00 |
| 15-03-2021 | 364 | 7160.75 | 6506.00 | 298.36 | 654.75 | 2609.45 | 0.00 |
| 16-03-2021 | 363 | 7157.00 | 6510.00 | 298.21 | 647.00 | 2598.58 | 0.00 |
| 17-03-2021 | 367 | 7170.75 | 6504.00 | 298.78 | 666.75 | 2633.62 | 0.00 |
| 18-03-2021 | 367 | 7156.50 | 6509.00 | 298.19 | 647.50 | 2629.25 | 0.00 |
| 19-03-2021 | 366 | 7161.25 | 6501.00 | 298.39 | 660.25 | 2623.22 | 0.00 |
| 20-03-2021 | 364 | 7167.25 | 6511.00 | 298.64 | 656.25 | 2607.22 | 0.48 |
| 21-03-2021 | 368 | 5904.25 | 5306.00 | 246.01 | 598.25 | 2169.86 | 0.00 |
| 22-03-2021 | 361 | 7082.00 | 6434.00 | 295.08 | 648.00 | 2559.82 | 0.00 |
| 23-03-2021 | 361 | 7089.75 | 6446.00 | 295.41 | 643.75 | 2560.51 | 0.00 |
| 24-03-2021 | 359 | 7162.50 | 6507.00 | 298.44 | 655.50 | 2574.50 | 0.00 |
| 25-03-2021 | 361 | 7159.25 | 6506.00 | 298.30 | 653.25 | 2581.32 | 0.00 |
| 26-03-2021 | 362 | 7160.50 | 6516.00 | 298.35 | 644.50 | 2593.97 | 0.00 |
| 27-03-2021 | 361 | 7171.50 | 6516.00 | 298.81 | 655.50 | 2588.59 | 0.00 |
| 28-03-2021 | 358 | 7078.25 | 6447.00 | 294.93 | 631.25 | 2537.14 | 0.00 |
| 29-03-2021 | 361 | 7090.50 | 6442.00 | 295.44 | 648.50 | 2561.93 | 0.00 |
| 30-03-2021 | 361 | 6923.75 | 6302.00 | 288.49 | 621.75 | 2499.58 | 0.00 |
| 31-03-2021 | 362 | 7157.50 | 6512.00 | 298.23 | 645.50 | 2590.99 | 0.00 |
| 01-04-2021 | 366 | 7110.00 | 6472.00 | 296.25 | 638.00 | 2601.58 | 0.00 |
| 02-04-2021 | 370 | 7095.25 | 6451.00 | 295.64 | 644.25 | 2628.38 | 0.00 |
| 03-04-2021 | 364 | 7171.25 | 6519.00 | 298.80 | 652.25 | 2611.68 | 0.00 |
| 04-04-2021 | 373 | 6121.75 | 5537.00 | 255.07 | 584.75 | 2282.62 | 0.00 |
| 05-04-2021 | 365 | 7168.75 | 6499.00 | 298.70 | 669.75 | 2613.96 | 0.34 |
| 06-04-2021 | 365 | 7162.75 | 6502.00 | 298.45 | 660.75 | 2615.35 | 0.00 |
| 07-04-2021 | 364 | 7158.00 | 6513.00 | 298.25 | 645.00 | 2605.37 | 0.00 |
| 08-04-2021 | 359 | 7168.50 | 6509.00 | 298.69 | 659.50 | 2576.38 | 0.00 |
| 09-04-2021 | 362 | 7161.50 | 6497.00 | 298.40 | 664.50 | 2595.94 | 0.00 |
| 10-04-2021 | 362 | 7164.25 | 6500.00 | 298.51 | 664.25 | 2591.69 | 0.00 |
| 11-04-2021 | 367 | 7077.50 | 6418.00 | 294.90 | 659.50 | 2599.82 | 0.00 |
| 12-04-2021 | 368 | 6886.75 | 6235.00 | 286.95 | 651.75 | 2532.00 | 0.00 |
| 13-04-2021 | 368 | 7037.00 | 6390.00 | 293.21 | 647.00 | 2590.44 | 0.00 |
| 14-04-2021 | 369 | 6709.00 | 6069.00 | 279.54 | 640.00 | 2475.07 | 0.79 |
| 15-04-2021 | 370 | 6108.50 | 5512.00 | 254.52 | 596.50 | 2259.62 | 11.18 |
| 16-04-2021 | 366 | 6871.50 | 6231.00 | 286.31 | 640.50 | 2513.26 | 0.00 |
| 17-04-2021 | 371 | 6934.00 | 6289.00 | 288.92 | 645.00 | 2569.27 | 0.00 |
| 18-04-2021 | 364 | 7103.25 | 6450.00 | 295.97 | 653.25 | 2586.98 | 0.00 |
| 19-04-2021 | 365 | 7161.50 | 6498.00 | 298.40 | 663.50 | 2617.37 | 0.00 |
| 20-04-2021 | 365 | 7148.00 | 6505.00 | 297.83 | 643.00 | 2609.71 | 0.36 |
| 21-04-2021 | 369 | 7157.00 | 6492.00 | 298.21 | 665.00 | 2641.97 | 0.00 |
| 22-04-2021 | 365 | 7153.50 | 6513.00 | 298.06 | 640.50 | 2611.01 | 0.00 |
| 23-04-2021 | 366 | 7156.00 | 6506.00 | 298.17 | 650.00 | 2615.81 | 0.00 |
| 24-04-2021 | 369 | 7125.50 | 6479.00 | 296.90 | 646.50 | 2630.98 | 0.00 |
| 25-04-2021 | 371 | 6013.00 | 5420.00 | 250.54 | 593.00 | 2230.61 | 0.00 |
| 26-04-2021 | 377 | 6022.25 | 5459.00 | 250.93 | 563.25 | 2270.69 | 0.00 |
| 27-04-2021 | 373 | 7139.00 | 6560.00 | 297.46 | 579.00 | 2661.60 | 0.00 |

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| 28-04-2021 | 362 | 7061.75 | 6487.00 | 294.24 | 574.75 | 2558.93 | 0.00 |
| 29-04-2021 | 366 | 7160.25 | 6574.00 | 298.34 | 586.25 | 2621.71 | 0.00 |
| 30-04-2021 | 368 | 7152.25 | 6586.00 | 298.01 | 566.25 | 2632.78 | 0.00 |
| 01-05-2021 | 368 | 7158.50 | 6598.00 | 298.27 | 560.50 | 2631.26 | 0.00 |
| 02-05-2021 | 373 | 5698.25 | 5192.00 | 237.43 | 506.25 | 2122.68 | 0.00 |
| 03-05-2021 | 368 | 7061.75 | 6500.00 | 294.24 | 561.75 | 2599.92 | 0.00 |
| 04-05-2021 | 372 | 6813.25 | 6253.00 | 283.89 | 560.25 | 2535.43 | 0.00 |
| 05-05-2021 | 369 | 6986.25 | 6415.00 | 291.09 | 571.25 | 2579.06 | 0.26 |
| 06-05-2021 | 369 | 7154.50 | 6574.00 | 298.10 | 580.50 | 2642.18 | 0.14 |
| 07-05-2021 | 366 | 7157.25 | 6568.00 | 298.22 | 589.25 | 2622.26 | 0.00 |
| 08-05-2021 | 376 | 7151.50 | 6578.00 | 297.98 | 573.50 | 2690.47 | 0.00 |
| 09-05-2021 | 386 | 5630.25 | 5109.00 | 234.59 | 521.25 | 2171.14 | 1.90 |
| 10-05-2021 | 375 | 7036.75 | 6468.00 | 293.20 | 568.75 | 2639.33 | 0.00 |
| 11-05-2021 | 379 | 7083.00 | 6505.00 | 295.13 | 578.00 | 2684.21 | 0.00 |
| 12-05-2021 | 384 | 6932.75 | 6359.00 | 288.86 | 573.75 | 2664.10 | 0.00 |
| 13-05-2021 | 386 | 6661.00 | 6103.00 | 277.54 | 558.00 | 2572.27 | 0.00 |
| 14-05-2021 | 392 | 5139.75 | 4651.00 | 214.16 | 488.75 | 2016.12 | 0.00 |
| 15-05-2021 | 387 | 5294.25 | 4792.00 | 220.59 | 502.25 | 2048.42 | 0.00 |
| 16-05-2021 | 385 | 5279.75 | 4778.00 | 219.99 | 501.75 | 2030.71 | 0.00 |
| 17-05-2021 | 373 | 6965.25 | 6318.00 | 290.22 | 647.25 | 2596.25 | 0.00 |
| 18-05-2021 | 370 | 7148.00 | 6513.00 | 297.83 | 635.00 | 2642.38 | 0.00 |
| 19-05-2021 | 368 | 7131.75 | 6479.00 | 297.16 | 652.75 | 2627.81 | 0.00 |
| 20-05-2021 | 372 | 7154.25 | 6523.00 | 298.09 | 631.25 | 2661.89 | 0.53 |
| 21-05-2021 | 371 | 7154.00 | 6508.00 | 298.08 | 646.00 | 2654.14 | 0.00 |
| 22-05-2021 | 378 | 5768.50 | 5212.00 | 240.35 | 556.50 | 2181.74 | 0.02 |
| 23-05-2021 | 378 | 6437.25 | 5837.00 | 268.22 | 600.25 | 2435.28 | 0.00 |
| 24-05-2021 | 390 | 5481.75 | 4930.00 | 228.41 | 551.75 | 2136.82 | 0.00 |
| 25-05-2021 | 390 | 4948.25 | 4434.00 | 206.18 | 514.25 | 1928.23 | 0.00 |
| 26-05-2021 | 393 | 4282.75 | 3784.00 | 178.45 | 498.75 | 1683.12 | 0.00 |
| 27-05-2021 | 385 | 2538.00 | 2251.00 | 105.75 | 324.41 | 975.89 | 0.00 |
| 26-06-2021 | 365 | 133.75 | 129.00 | 5.57 | 92.56 | 48.82 | 82.87 |
| 28-06-2021 | 370 | 3689.00 | 3377.00 | 153.71 | 417.69 | 1364.47 | 110.90 |
| 29-06-2021 | 383 | 7045.75 | 6391.00 | 293.57 | 654.75 | 2698.66 | 0.00 |
| 30-06-2021 | 368 | 7150.25 | 6508.00 | 297.93 | 642.25 | 2630.81 | 0.00 |
| 01-07-2021 | 372 | 7153.50 | 6497.00 | 298.06 | 656.50 | 2657.76 | 0.00 |
| 02-07-2021 | 371 | 7162.75 | 6500.00 | 298.45 | 662.75 | 2660.21 | 0.00 |
| 03-07-2021 | 368 | 7163.50 | 6488.00 | 298.48 | 675.50 | 2637.60 | 0.00 |
| 04-07-2021 | 370 | 7139.50 | 6488.00 | 297.48 | 651.50 | 2640.86 | 0.00 |
| 05-07-2021 | 370 | 7148.50 | 6473.00 | 297.85 | 675.50 | 2644.75 | 0.29 |
| 06-07-2021 | 371 | 7120.75 | 6473.00 | 296.70 | 647.75 | 2639.62 | 0.00 |
| 07-07-2021 | 369 | 7147.50 | 6490.00 | 297.81 | 657.50 | 2639.62 | 0.00 |
| 08-07-2021 | 369 | 7163.50 | 6509.00 | 298.48 | 654.50 | 2646.41 | 0.00 |
| 09-07-2021 | 370 | 7138.00 | 6480.00 | 297.42 | 658.00 | 2643.58 | 0.00 |
| 10-07-2021 | 384 | 5254.25 | 4723.00 | 218.93 | 531.25 | 2018.14 | 0.00 |
| 11-07-2021 | 389 | 4462.50 | 3979.00 | 185.94 | 483.50 | 1737.62 | 0.00 |
| 12-07-2021 | 384 | 5035.75 | 4539.00 | 209.82 | 496.75 | 1935.10 | 0.00 |
| 13-07-2021 | 382 | 5362.50 | 4832.00 | 223.44 | 530.50 | 2048.59 | 0.00 |
| 14-07-2021 | 381 | 5492.25 | 4967.00 | 228.84 | 525.25 | 2092.44 | 0.00 |
| 15-07-2021 | 380 | 5532.75 | 5003.00 | 230.53 | 529.75 | 2101.42 | 0.00 |
| 16-07-2021 | 378 | 5541.50 | 5002.00 | 230.90 | 539.50 | 2095.68 | 0.00 |
| 17-07-2021 | 381 | 5530.00 | 5006.00 | 230.42 | 524.00 | 2104.49 | 0.00 |
| 18-07-2021 | 380 | 5533.50 | 5006.00 | 230.56 | 527.50 | 2104.34 | 0.00 |
| 19-07-2021 | 380 | 5533.50 | 5010.00 | 230.56 | 523.50 | 2102.74 | 0.00 |
| 20-07-2021 | 381 | 5540.75 | 5008.00 | 230.86 | 532.75 | 2109.24 | 0.34 |
| 21-07-2021 | 379 | 5532.75 | 5008.00 | 230.53 | 524.75 | 2096.98 | 0.00 |
| 22-07-2021 | 377 | 5534.50 | 5010.00 | 230.60 | 524.50 | 2087.81 | 0.00 |
| 23-07-2021 | 380 | 5506.95 | 4987.00 | 229.46 | 519.95 | 2094.34 | 0.00 |
| 24-07-2021 | 382 | 5485.30 | 4972.00 | 228.55 | 513.30 | 2097.58 | 0.00 |
| 25-07-2021 | 384 | 5482.00 | 4962.00 | 228.42 | 520.00 | 2107.10 | 0.00 |

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| 26-07-2021 | 385 | 5467.00 | 4944.00 | 227.79 | 523.00 | 2104.39 | 0.00 |
| 27-07-2021 | 387 | 5322.25 | 4804.00 | 221.76 | 518.25 | 2057.14 | 0.00 |
| 28-07-2021 | 377 | 6843.50 | 6195.00 | 285.15 | 648.50 | 2580.62 | 0.00 |
| 29-07-2021 | 371 | 6965.00 | 6316.00 | 290.21 | 649.00 | 2585.33 | 0.00 |
| 30-07-2021 | 371 | 7158.00 | 6504.00 | 298.25 | 654.00 | 2655.65 | 0.00 |
| 31-07-2021 | 372 | 7167.25 | 6498.00 | 298.64 | 669.25 | 2668.46 | 0.00 |
| 01-08-2021 | 379 | 6069.25 | 5481.00 | 252.89 | 588.25 | 2302.32 | 0.00 |
| 02-08-2021 | 371 | 7155.75 | 6490.00 | 298.16 | 665.75 | 2657.74 | 0.00 |
| 03-08-2021 | 373 | 7149.75 | 6498.00 | 297.91 | 651.75 | 2667.48 | 0.00 |
| 04-08-2021 | 372 | 7123.75 | 6459.00 | 296.82 | 664.75 | 2652.84 | 0.00 |
| 05-08-2021 | 374 | 7153.50 | 6504.00 | 298.06 | 649.50 | 2671.99 | 0.00 |
| 06-08-2021 | 373 | 7157.00 | 6500.00 | 298.21 | 657.00 | 2668.15 | 0.00 |
| 07-08-2021 | 370 | 7162.75 | 6502.00 | 298.45 | 660.75 | 2648.93 | 0.00 |
| 08-08-2021 | 373 | 6729.50 | 6089.00 | 280.40 | 640.50 | 2512.15 | 0.00 |
| 09-08-2021 | 377 | 6395.25 | 5772.00 | 266.47 | 623.25 | 2413.42 | 0.00 |
| 10-08-2021 | 377 | 6799.75 | 6161.00 | 283.32 | 638.75 | 2565.19 | 0.00 |
| 11-08-2021 | 376 | 7033.75 | 6370.00 | 293.07 | 663.75 | 2645.30 | 0.00 |
| 12-08-2021 | 376 | 6996.25 | 6356.00 | 291.51 | 640.25 | 2630.54 | 0.00 |
| 13-08-2021 | 376 | 6715.50 | 6085.00 | 279.81 | 630.50 | 2525.52 | 0.00 |
| 14-08-2021 | 374 | 7087.25 | 6446.00 | 295.30 | 641.25 | 2652.62 | 0.00 |
| 15-08-2021 | 371 | 7149.00 | 6509.00 | 297.88 | 640.00 | 2649.60 | 0.00 |
| 16-08-2021 | 376 | 6993.50 | 6343.00 | 291.40 | 650.50 | 2630.47 | 0.00 |
| 17-08-2021 | 376 | 6914.75 | 6287.00 | 288.11 | 627.75 | 2602.94 | 0.00 |
| 18-08-2021 | 372 | 7054.00 | 6403.00 | 293.92 | 651.00 | 2624.62 | 0.00 |
| 19-08-2021 | 383 | 6942.75 | 6297.00 | 289.28 | 645.75 | 2661.62 | 0.00 |
| 20-08-2021 | 376 | 7090.25 | 6435.00 | 295.43 | 655.25 | 2665.10 | 0.00 |
| 21-08-2021 | 376 | 7070.75 | 6420.00 | 294.61 | 650.75 | 2657.06 | 0.00 |
| 22-08-2021 | 377 | 6975.50 | 6320.00 | 290.65 | 655.50 | 2627.93 | 0.00 |
| 23-08-2021 | 380 | 6944.75 | 6287.00 | 289.36 | 657.75 | 2637.94 | 0.00 |
| 24-08-2021 | 370 | 7104.75 | 6454.00 | 296.03 | 650.75 | 2631.70 | 0.00 |
| 25-08-2021 | 370 | 6987.75 | 6348.00 | 291.16 | 639.75 | 2587.15 | 0.00 |
| 26-08-2021 | 369 | 6818.25 | 6170.00 | 284.09 | 648.25 | 2518.51 | 0.00 |
| 27-08-2021 | 364 | 5823.25 | 5272.00 | 242.64 | 560.84 | 2122.37 | 20.88 |
| 10-09-2021 | 377 | 6176.25 | 5666.00 | 257.34 | 541.75 | 2330.38 | 27.43 |
| 11-09-2021 | 371 | 7087.50 | 6421.00 | 295.31 | 666.50 | 2631.26 | 0.00 |
| 12-09-2021 | 375 | 7149.75 | 6490.00 | 297.91 | 659.75 | 2679.74 | 0.00 |
| 13-09-2021 | 375 | 6962.00 | 6321.00 | 290.08 | 641.00 | 2607.65 | 0.00 |
| 14-09-2021 | 372 | 7021.75 | 6368.00 | 292.57 | 653.75 | 2610.22 | 0.00 |
| 15-09-2021 | 371 | 7028.50 | 6374.00 | 292.85 | 654.50 | 2610.62 | 0.00 |
| 16-09-2021 | 367 | 7017.00 | 6364.00 | 292.38 | 653.00 | 2574.12 | 0.00 |
| 17-09-2021 | 377 | 7064.00 | 6427.00 | 294.33 | 637.00 | 2664.53 | 0.00 |
| 18-09-2021 | 369 | 7134.25 | 6490.00 | 297.26 | 644.25 | 2635.87 | 0.00 |
| 19-09-2021 | 368 | 7158.50 | 6502.00 | 298.27 | 656.50 | 2632.92 | 0.00 |
| 20-09-2021 | 367 | 7093.25 | 6455.00 | 295.55 | 638.25 | 2600.88 | 0.00 |
| 21-09-2021 | 369 | 6852.75 | 6207.00 | 285.53 | 645.75 | 2525.88 | 0.00 |
| 22-09-2021 | 366 | 7039.25 | 6401.00 | 293.30 | 638.25 | 2579.71 | 0.00 |
| 23-09-2021 | 368 | 7155.00 | 6496.00 | 298.13 | 659.00 | 2634.24 | 0.00 |
| 24-09-2021 | 369 | 7150.00 | 6508.00 | 297.92 | 642.00 | 2638.10 | 0.00 |
| 25-09-2021 | 370 | 7126.00 | 6476.00 | 296.92 | 650.00 | 2633.47 | 0.00 |
| 26-09-2021 | 371 | 6905.25 | 6270.00 | 287.72 | 635.25 | 2558.81 | 0.00 |
| 27-09-2021 | 379 | 5676.50 | 5117.00 | 236.52 | 559.50 | 2150.98 | 0.41 |
| 28-09-2021 | 378 | 4078.00 | 3668.00 | 169.92 | 410.00 | 1540.87 | 11.30 |
| 10-10-2021 | 387 | 621.50 | 576.00 | 25.90 | 219.06 | 240.82 | 103.39 |
| 11-10-2021 | 375 | 6641.75 | 6036.00 | 276.74 | 606.51 | 2490.48 | 0.00 |
| 12-10-2021 | 377 | 6233.75 | 5641.00 | 259.74 | 593.49 | 2353.03 | 0.00 |
| 13-10-2021 | 380 | 6311.25 | 5719.00 | 262.97 | 593.01 | 2396.35 | 0.00 |
| 14-10-2021 | 347 | 6530.75 | 5903.00 | 272.11 | 628.49 | 2264.52 | 0.00 |
| 15-10-2021 | 374 | 6596.00 | 5983.00 | 274.83 | 613.76 | 2465.62 | 0.00 |
| 16-10-2021 | 378 | 5916.73 | 5335.00 | 246.53 | 582.47 | 2233.73 | 0.00 |

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| 17-10-2021 | 389 | 5239.27 | 4686.00 | 218.30 | 554.01 | 2037.55 | 0.00 |
| 18-10-2021 | 380 | 6406.50 | 5802.00 | 266.94 | 605.24 | 2433.26 | 0.00 |
| 19-10-2021 | 376 | 6311.00 | 5704.00 | 262.96 | 607.76 | 2374.30 | 0.00 |
| 20-10-2021 | 384 | 5523.25 | 4960.00 | 230.14 | 563.97 | 2119.87 | 0.00 |
| 21-10-2021 | 378 | 6452.50 | 5838.00 | 268.85 | 615.20 | 2440.75 | 0.00 |
| 22-10-2021 | 379 | 6727.75 | 6074.00 | 280.32 | 653.75 | 2549.40 | 0.00 |
| 23-10-2021 | 370 | 7114.50 | 6463.00 | 296.44 | 651.50 | 2634.19 | 0.00 |
| 24-10-2021 | 382 | 5616.00 | 5025.00 | 234.00 | 591.00 | 2144.38 | 0.00 |
| 25-10-2021 | 369 | 7048.50 | 6402.00 | 293.69 | 646.50 | 2603.21 | 0.00 |
| 26-10-2021 | 368 | 7030.00 | 6377.00 | 292.92 | 653.00 | 2584.80 | 0.00 |
| 27-10-2021 | 376 | 6643.50 | 6011.00 | 276.81 | 632.50 | 2495.38 | 0.26 |
| 28-10-2021 | 377 | 6358.75 | 5740.00 | 264.95 | 618.75 | 2394.58 | 0.00 |
| 29-10-2021 | 378 | 6298.25 | 5678.00 | 262.43 | 620.25 | 2383.73 | 0.07 |
| 30-10-2021 | 383 | 6083.00 | 5468.00 | 253.46 | 615.00 | 2327.98 | 0.00 |
| 31-10-2021 | 401 | 4796.25 | 4253.00 | 199.84 | 543.25 | 1923.07 | 0.00 |
| 01-11-2021 | 390 | 6097.75 | 5479.00 | 254.07 | 618.75 | 2377.63 | 0.00 |
| 02-11-2021 | 388 | 6233.00 | 5606.00 | 259.71 | 627.00 | 2416.87 | 0.00 |
| 03-11-2021 | 391 | 6311.75 | 5674.00 | 262.99 | 637.75 | 2465.83 | 0.00 |
| 04-11-2021 | 397 | 5716.75 | 5127.00 | 238.20 | 589.75 | 2271.89 | 0.00 |
| 05-11-2021 | 396 | 5708.50 | 5119.00 | 237.85 | 589.50 | 2261.76 | 0.00 |
| 06-11-2021 | 394 | 5716.25 | 5121.00 | 238.18 | 595.25 | 2254.61 | 0.00 |
| 07-11-2021 | 386 | 5053.25 | 4491.00 | 210.55 | 562.25 | 1951.18 | 0.00 |
| 08-11-2021 | 375 | 5846.25 | 5251.00 | 243.59 | 595.25 | 2194.85 | 0.00 |
| 09-11-2021 | 382 | 5017.50 | 4475.00 | 209.06 | 542.50 | 1917.07 | 8.90 |
| 10-11-2021 | 383 | 5304.00 | 4737.00 | 221.00 | 567.00 | 2031.84 | 0.00 |
| 11-11-2021 | 379 | 5590.00 | 4996.00 | 232.92 | 594.00 | 2121.00 | 0.00 |
| 12-11-2021 | 385 | 5313.25 | 4739.00 | 221.39 | 574.25 | 2045.52 | 0.26 |
| 13-11-2021 | 389 | 4987.50 | 4449.00 | 207.81 | 538.50 | 1938.91 | 0.00 |
| 14-11-2021 | 392 | 4678.00 | 4167.00 | 194.92 | 511.00 | 1834.56 | 0.00 |
| 15-11-2021 | 385 | 5821.00 | 5272.00 | 242.54 | 549.00 | 2238.65 | 0.00 |
| 16-11-2021 | 382 | 6046.25 | 5434.00 | 251.93 | 612.25 | 2311.01 | 0.00 |
| 17-11-2021 | 379 | 6107.25 | 5495.00 | 254.47 | 612.25 | 2316.98 | 0.00 |
| 18-11-2021 | 388 | 4924.25 | 4374.00 | 205.18 | 550.25 | 1912.25 | 0.00 |
| 19-11-2021 | 380 | 5898.50 | 5290.00 | 245.77 | 608.50 | 2243.59 | 0.00 |
| 20-11-2021 | 389 | 4818.75 | 4265.00 | 200.78 | 553.75 | 1874.74 | 0.00 |
| 21-11-2021 | 390 | 4873.75 | 4309.00 | 203.07 | 564.75 | 1899.46 | 0.00 |
| 22-11-2021 | 378 | 6249.00 | 5609.00 | 260.38 | 640.00 | 2359.92 | 0.00 |
| 23-11-2021 | 374 | 6555.50 | 5925.00 | 273.15 | 630.50 | 2454.46 | 0.00 |
| 24-11-2021 | 379 | 6176.25 | 5558.00 | 257.34 | 618.25 | 2339.95 | 0.00 |
| 25-11-2021 | 372 | 6347.25 | 5711.00 | 264.47 | 636.25 | 2363.78 | 0.00 |
| 26-11-2021 | 378 | 6248.00 | 5622.00 | 260.33 | 626.00 | 2363.35 | 0.00 |
| 27-11-2021 | 380 | 5829.75 | 5235.00 | 242.91 | 594.75 | 2217.55 | 0.43 |
| 28-11-2021 | 390 | 5037.75 | 4471.00 | 209.91 | 566.75 | 1967.18 | 0.00 |
| 29-11-2021 | 384 | 6272.75 | 5641.00 | 261.36 | 631.75 | 2409.98 | 0.00 |
| 30-11-2021 | 382 | 6176.25 | 5606.00 | 257.34 | 570.25 | 2358.82 | 1.87 |
| 01-12-2021 | 383 | 6460.50 | 5887.00 | 269.19 | 573.50 | 2472.34 | 0.00 |
| 02-12-2021 | 379 | 6512.25 | 5962.00 | 271.34 | 550.25 | 2470.44 | 0.00 |
| 03-12-2021 | 376 | 2878.75 | 2626.00 | 119.95 | 260.03 | 1080.98 | 0.00 |
| 09-12-2021 | 388 | 1177.25 | 1080.00 | 49.05 | 220.05 | 456.74 | 151.49 |
| 10-12-2021 | 374 | 7150.25 | 6538.00 | 297.93 | 612.25 | 2673.62 | 0.00 |
| 11-12-2021 | 370 | 7179.25 | 6501.00 | 299.14 | 678.25 | 2655.91 | 0.00 |
| 12-12-2021 | 374 | 7127.75 | 6472.00 | 296.99 | 655.75 | 2665.22 | 0.00 |
| 13-12-2021 | 373 | 7146.25 | 6470.00 | 297.76 | 676.25 | 2664.84 | 0.00 |
| 14-12-2021 | 375 | 7160.50 | 6494.00 | 298.35 | 666.50 | 2688.53 | 0.00 |
| 15-12-2021 | 373 | 7161.75 | 6483.00 | 298.41 | 678.79 | 2673.14 | 0.00 |
| 16-12-2021 | 377 | 7155.25 | 6496.00 | 298.14 | 659.46 | 2694.94 | 0.00 |
| 17-12-2021 | 370 | 7155.00 | 6492.00 | 298.13 | 663.10 | 2647.51 | 0.00 |
| 18-12-2021 | 369 | 7156.75 | 6498.00 | 298.20 | 658.87 | 2641.58 | 0.00 |
| 19-12-2021 | 370 | 6998.50 | 6346.00 | 291.60 | 652.60 | 2588.57 | 0.00 |

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| 20-12-2021 | 372 | 7112.50 | 6450.00 | 296.35 | 662.58 | 2645.09 | 0.00 |
| 21-12-2021 | 375 | 5569.00 | 5016.00 | 232.04 | 573.18 | 2085.96 | 15.41 |
| 30-01-2022 | 409 | 635.00 | 590.00 | 26.46 | 193.11 | 259.70 | 63.24 |
| 31-01-2022 | 390 | 5062.50 | 4633.00 | 210.94 | 451.39 | 1976.21 | 8.54 |
| 02-02-2022 | 382 | 4127.00 | 3807.00 | 171.96 | 421.25 | 1578.53 | 93.55 |
| 03-02-2022 | 371 | 7154.50 | 6507.00 | 298.10 | 647.56 | 2651.06 | 0.00 |
| 04-02-2022 | 370 | 7159.50 | 6520.00 | 298.31 | 639.53 | 2650.97 | 0.00 |
| 05-02-2022 | 372 | 7164.00 | 6521.00 | 298.50 | 643.08 | 2668.30 | 0.00 |
| 06-02-2022 | 372 | 7158.50 | 6512.00 | 298.27 | 646.56 | 2660.71 | 0.00 |
| 07-02-2022 | 368 | 7164.50 | 6510.00 | 298.52 | 654.60 | 2635.56 | 0.00 |
| 08-02-2022 | 366 | 7163.50 | 6516.00 | 298.48 | 647.59 | 2624.35 | 0.00 |
| 09-02-2022 | 363 | 7155.00 | 6521.00 | 298.13 | 634.05 | 2596.61 | 0.00 |
| 10-02-2022 | 364 | 7172.00 | 6523.00 | 298.83 | 649.06 | 2607.62 | 0.05 |
| 11-02-2022 | 364 | 7173.00 | 6541.00 | 298.88 | 632.03 | 2611.99 | 0.00 |
| 12-02-2022 | 363 | 7188.00 | 6539.00 | 299.50 | 649.06 | 2608.66 | 0.26 |
| 13-02-2022 | 369 | 7074.50 | 6439.00 | 294.77 | 635.60 | 2610.72 | 0.00 |
| 14-02-2022 | 367 | 7107.50 | 6468.00 | 296.15 | 639.55 | 2610.72 | 0.00 |
| 15-02-2022 | 366 | 7173.50 | 6544.00 | 298.90 | 629.56 | 2627.09 | 0.00 |
| 16-02-2022 | 365 | 7172.00 | 6533.00 | 298.83 | 639.06 | 2616.31 | 0.00 |
| 17-02-2022 | 365 | 7174.00 | 6537.00 | 298.92 | 637.06 | 2619.67 | 0.00 |
| 18-02-2022 | 365 | 7181.00 | 6541.00 | 299.21 | 640.08 | 2619.67 | 0.00 |
| 19-02-2022 | 366 | 7177.50 | 6540.00 | 299.06 | 637.53 | 2629.51 | 0.00 |
| 20-02-2022 | 366 | 7189.00 | 6533.00 | 299.54 | 656.06 | 2630.66 | 0.00 |
| 21-02-2022 | 367 | 6958.50 | 6340.00 | 289.94 | 618.61 | 2557.10 | 0.00 |
| 22-02-2022 | 364 | 7176.50 | 6537.00 | 299.02 | 639.58 | 2612.09 | 0.00 |
| 23-02-2022 | 362 | 7189.50 | 6535.00 | 299.56 | 654.61 | 2603.95 | 0.00 |
| 24-02-2022 | 366 | 7181.50 | 6553.00 | 299.23 | 628.64 | 2629.56 | 0.00 |
| 25-02-2022 | 364 | 7152.50 | 6511.00 | 298.02 | 641.56 | 2606.18 | 0.00 |
| 26-02-2022 | 365 | 7186.00 | 6531.00 | 299.42 | 655.10 | 2623.70 | 0.00 |
| 27-02-2022 | 367 | 6901.50 | 6277.00 | 287.56 | 624.59 | 2529.91 | 0.00 |
| 28-02-2022 | 362 | 7181.50 | 6543.00 | 299.23 | 638.58 | 2596.34 | 0.00 |
| 01-03-2022 | 362 | 7183.50 | 6541.00 | 299.31 | 642.56 | 2599.20 | 0.00 |
| 02-03-2022 | 364 | 7182.00 | 6541.00 | 299.25 | 641.07 | 2613.55 | 0.00 |
| 03-03-2022 | 365 | 7155.00 | 6505.00 | 298.13 | 650.10 | 2613.55 | 0.00 |
| 04-03-2022 | 364 | 7174.00 | 6540.00 | 298.92 | 634.11 | 2613.31 | 0.00 |
| 05-03-2022 | 363 | 7174.00 | 6530.00 | 298.92 | 644.13 | 2606.40 | 0.00 |
| 06-03-2022 | 364 | 7173.50 | 6529.00 | 298.90 | 644.61 | 2607.58 | 0.00 |
| 07-03-2022 | 365 | 7182.50 | 6530.00 | 299.27 | 652.55 | 2622.41 | 0.00 |
| 08-03-2022 | 363 | 7182.50 | 6543.00 | 299.27 | 639.51 | 2609.50 | 0.00 |
| 09-03-2022 | 363 | 7194.00 | 6553.00 | 299.75 | 641.03 | 2610.53 | 0.00 |
| 10-03-2022 | 367 | 7185.50 | 6552.00 | 299.40 | 633.56 | 2635.54 | 0.00 |
| 11-03-2022 | 366 | 7199.50 | 6559.00 | 299.98 | 640.54 | 2631.91 | 0.00 |
| 12-03-2022 | 363 | 7201.50 | 6563.00 | 300.06 | 638.56 | 2616.82 | 0.31 |
| 13-03-2022 | 363 | 7181.00 | 6532.00 | 299.21 | 649.01 | 2606.88 | 0.00 |
| 14-03-2022 | 364 | 7122.00 | 6497.00 | 296.75 | 625.04 | 2593.34 | 0.00 |
| 15-03-2022 | 366 | 7180.50 | 6542.00 | 299.19 | 638.56 | 2629.68 | 0.00 |
| 16-03-2022 | 369 | 7175.50 | 6536.00 | 298.98 | 639.53 | 2645.35 | 0.00 |
| 17-03-2022 | 368 | 7152.50 | 6505.00 | 298.02 | 647.56 | 2631.82 | 0.00 |
| 18-03-2022 | 370 | 7147.00 | 6520.00 | 297.79 | 627.02 | 2640.96 | 0.00 |
| 19-03-2022 | 367 | 7151.00 | 6513.00 | 297.96 | 638.06 | 2626.78 | 0.00 |
| 20-03-2022 | 370 | 7172.00 | 6529.00 | 298.83 | 643.03 | 2652.29 | 0.00 |
| 21-03-2022 | 370 | 6797.50 | 6199.00 | 283.23 | 598.53 | 2518.08 | 0.00 |
| 22-03-2022 | 370 | 6970.00 | 6336.00 | 290.42 | 634.06 | 2576.42 | 0.00 |
| 23-03-2022 | 365 | 7176.00 | 6547.00 | 299.00 | 629.07 | 2619.60 | 0.00 |
| 24-03-2022 | 356 | 7177.50 | 6536.00 | 299.06 | 641.61 | 2555.02 | 0.00 |
| 25-03-2022 | 360 | 7191.50 | 6543.00 | 299.65 | 648.59 | 2586.53 | 0.00 |
| 26-03-2022 | 359 | 7176.50 | 6549.00 | 299.02 | 627.67 | 2573.93 | 0.00 |
| 27-03-2022 | 363 | 7181.50 | 6543.00 | 299.23 | 638.67 | 2609.09 | 0.00 |
| 28-03-2022 | 368 | 7191.00 | 6541.00 | 299.63 | 650.19 | 2646.22 | 0.34 |

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| 29-03-2022 | 366 | 7176.00 | 6550.00 | 299.00 | 626.14 | 2625.67 | 0.00 |
| 30-03-2022 | 362 | 7161.50 | 6522.00 | 298.40 | 639.61 | 2592.58 | 0.00 |
| 31-03-2022 | 364 | 7167.00 | 6530.00 | 298.63 | 637.06 | 2610.55 | 0.00 |
| 01-04-2022 | 364 | 7174.50 | 6538.00 | 298.94 | 636.58 | 2611.08 | 0.00 |
| 02-04-2022 | 365 | 7187.50 | 6543.00 | 299.48 | 644.72 | 2621.28 | 0.00 |
| 03-04-2022 | 362 | 7158.00 | 6532.00 | 298.25 | 626.20 | 2589.94 | 0.00 |
| 04-04-2022 | 358 | 7182.00 | 6547.00 | 299.25 | 635.13 | 2570.40 | 0.00 |
| 05-04-2022 | 363 | 7188.00 | 6544.00 | 299.50 | 644.03 | 2608.46 | 0.00 |
| 06-04-2022 | 364 | 7184.00 | 6539.00 | 299.33 | 645.05 | 2614.80 | 0.00 |
| 07-04-2022 | 364 | 7181.00 | 6536.00 | 299.21 | 645.06 | 2614.27 | 0.00 |
| 08-04-2022 | 359 | 7181.00 | 6561.00 | 299.21 | 620.03 | 2579.21 | 0.00 |
| 09-04-2022 | 363 | 7186.50 | 6588.00 | 299.44 | 598.59 | 2606.81 | 0.00 |
| 10-04-2022 | 361 | 7149.50 | 6508.00 | 297.90 | 641.61 | 2584.39 | 0.00 |
| 11-04-2022 | 366 | 6866.50 | 6232.00 | 286.10 | 634.64 | 2513.11 | 0.00 |
| 12-04-2022 | 378 | 7065.00 | 6437.00 | 294.38 | 628.08 | 2670.96 | 0.31 |
| 13-04-2022 | 389 | 6387.00 | 5786.00 | 266.13 | 601.14 | 2487.60 | 0.00 |
| 14-04-2022 | 389 | 5655.00 | 5093.00 | 235.63 | 562.10 | 2202.41 | 0.00 |
| 15-04-2022 | 379 | 6448.00 | 5844.00 | 268.67 | 604.06 | 2441.21 | 0.00 |
| 16-04-2022 | 376 | 6303.50 | 5708.00 | 262.65 | 595.58 | 2368.94 | 0.00 |
| 17-04-2022 | 375 | 6584.00 | 5965.00 | 274.33 | 619.09 | 2466.72 | 0.00 |
| 18-04-2022 | 376 | 7071.50 | 6448.00 | 294.65 | 623.53 | 2655.62 | 0.00 |
| 19-04-2022 | 374 | 7120.00 | 6490.00 | 296.67 | 630.07 | 2660.64 | 0.00 |
| 20-04-2022 | 375 | 7170.00 | 6533.00 | 298.75 | 637.04 | 2690.14 | 0.00 |
| 21-04-2022 | 379 | 7101.00 | 6456.00 | 295.88 | 645.00 | 2689.15 | 0.00 |
| 22-04-2022 | 380 | 7124.00 | 6470.00 | 296.83 | 654.10 | 2704.03 | 2.64 |
| 23-04-2022 | 373 | 6463.00 | 5890.00 | 269.29 | 573.07 | 2412.38 | 11.81 |
| 24-04-2022 | 368 | 7188.00 | 6529.00 | 299.50 | 659.04 | 2642.18 | 0.00 |
| 25-04-2022 | 365 | 7181.00 | 6542.00 | 299.21 | 639.04 | 2619.46 | 0.00 |
| 26-04-2022 | 360 | 7179.50 | 6534.00 | 299.15 | 645.52 | 2587.87 | 0.00 |
| 27-04-2022 | 363 | 7187.50 | 6535.00 | 299.48 | 652.53 | 2611.13 | 0.00 |
| 28-04-2022 | 356 | 7179.50 | 6551.00 | 299.15 | 628.59 | 2559.43 | 0.50 |
| 29-04-2022 | 358 | 7157.50 | 6508.00 | 298.23 | 649.61 | 2565.19 | 0.00 |
| 30-04-2022 | 362 | 7149 | 6507 | 297.88 | 642.1 | 2590.056 | 0 |
| 01-05-2022 | 355 | 7150.50 | 6498.00 | 297.94 | 652.57 | 2539.03 | 0.00 |
| 02-05-2022 | 362 | 7087.50 | 6432.00 | 295.31 | 655.57 | 2568.12 | 0.00 |
| 03-05-2022 | 357 | 7182.00 | 6557.00 | 299.25 | 625.00 | 2565.84 | 0.00 |
| 04-05-2022 | 354 | 7188.00 | 6528.00 | 299.50 | 660.00 | 2544.89 | 0.00 |
| 05-05-2022 | 364 | 7177.50 | 6541.00 | 299.06 | 636.50 | 2610.98 | 0.00 |
| 06-05-2022 | 365 | 7182.00 | 6534.00 | 299.25 | 648.00 | 2622.72 | 0.00 |
| 07-05-2022 | 361 | 7186.50 | 6535.00 | 299.44 | 651.50 | 2595.50 | 0.00 |
| 08-05-2022 | 365 | 7183.00 | 6533.00 | 299.29 | 650.00 | 2625.22 | 0.00 |
| 09-05-2022 | 367 | 7185.50 | 6533.00 | 299.40 | 652.50 | 2635.99 | 0.00 |
| 10-05-2022 | 371 | 7139.00 | 6490.00 | 297.46 | 649.00 | 2647.61 | 0.00 |
| 11-05-2022 | 374 | 6731.00 | 6101.00 | 280.46 | 630.00 | 2515.13 | 0.00 |
| 12-05-2022 | 369 | 7152.00 | 6507.00 | 298.00 | 645.00 | 2641.56 | 0.58 |
| 13-05-2022 | 370 | 7155.00 | 6516.00 | 298.13 | 639.00 | 2650.25 | 0.00 |
| 14-05-2022 | 372 | 6912.00 | 6284.00 | 288.00 | 628.00 | 2574.55 | 0.00 |
| 15-05-2022 | 378 | 5186.00 | 4642.00 | 216.08 | 544.00 | 1958.71 | 0.02 |
| 16-05-2022 | 376 | 5528.00 | 4966.00 | 230.33 | 562.00 | 2077.01 | 0.00 |
| 17-05-2022 | 363 | 7118.50 | 6468.00 | 296.60 | 650.50 | 2583.50 | 0.00 |
| 18-05-2022 | 369 | 7060.00 | 6435.00 | 294.17 | 625.00 | 2604.91 | 0.00 |
| 19-05-2022 | 370 | 7156.00 | 6511.00 | 298.17 | 645.00 | 2650.61 | 0.00 |
| 20-05-2022 | 374 | 6694.50 | 6101.00 | 278.94 | 593.50 | 2506.18 | 0.00 |
| 21-05-2022 | 371 | 7149.00 | 6511.00 | 297.88 | 638.00 | 2650.18 | 0.00 |
| 22-05-2022 | 372 | 7149.00 | 6511.00 | 297.88 | 638.00 | 2659.56 | 0.00 |
| 23-05-2022 | 372 | 7149.50 | 6511.00 | 297.90 | 638.50 | 2662.56 | 0.00 |
| 24-05-2022 | 366 | 6236.00 | 5648.00 | 259.83 | 588.00 | 2283.46 | 41.90 |
| 25-05-2022 | 368 | 6964.50 | 6353.00 | 290.19 | 611.50 | 2559.94 | 0.00 |
| 26-05-2022 | 380 | 7105.50 | 6456.00 | 296.06 | 649.50 | 2703.29 | 0.00 |

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| 27-05-2022 | 378 | 6689.50 | 6071.00 | 278.73 | 618.50 | 2528.95 | 3.07 |
| 28-05-2022 | 381 | 6850.50 | 6231.00 | 285.44 | 619.50 | 2606.66 | 0.00 |
| 29-05-2022 | 382 | 5938.50 | 5352.00 | 247.44 | 586.50 | 2265.84 | 1.68 |
| 30-05-2022 | 381 | 6454.00 | 5847.00 | 268.92 | 607.00 | 2459.33 | 0.00 |
| 31-05-2022 | 378 | 6377.00 | 5780.00 | 265.71 | 597.00 | 2409.58 | 0.00 |
| 01-06-2022 | 377 | 6412.00 | 5805.00 | 267.17 | 607.00 | 2417.09 | 0.00 |
| 02-06-2022 | 375 | 6391.50 | 5786.00 | 266.31 | 605.50 | 2399.98 | 0.00 |
| 03-06-2022 | 372 | 6443.00 | 5825.00 | 268.46 | 618.00 | 2398.49 | 0.00 |
| 04-06-2022 | 376 | 6672.00 | 6056.00 | 278.00 | 616.00 | 2508.36 | 0.00 |
| 05-06-2022 | 386 | 5365.00 | 4820.00 | 223.54 | 545.00 | 2071.80 | 0.00 |
| 06-06-2022 | 378 | 6568.00 | 5951.00 | 273.67 | 617.00 | 2480.57 | 0.00 |
| 07-06-2022 | 375 | 6752.00 | 6130.00 | 281.33 | 622.00 | 2535.02 | 0.00 |
| 08-06-2022 | 378 | 6817.50 | 6190.00 | 284.06 | 627.50 | 2574.22 | 0.48 |
| 09-06-2022 | 379 | 7120.50 | 6518.00 | 296.69 | 602.50 | 2696.16 | 0.00 |
| 10-06-2022 | 381 | 6747.00 | 6127.00 | 281.13 | 620.00 | 2569.73 | 0.00 |
| 11-06-2022 | 372 | 6868.00 | 6243.00 | 286.17 | 625.00 | 2554.32 | 0.00 |
| 12-06-2022 | 375 | 6711.00 | 6090.00 | 279.63 | 621.00 | 2515.39 | 0.00 |
| 13-06-2022 | 377 | 6824.00 | 6193.00 | 284.33 | 631.00 | 2572.94 | 0.00 |
| 14-06-2022 | 374 | 6766.00 | 6158.00 | 281.92 | 608.00 | 2532.86 | 0.00 |
| 15-06-2022 | 379 | 6867.50 | 6250.00 | 286.15 | 617.50 | 2603.42 | 0.00 |
| 16-06-2022 | 377 | 7154.50 | 6511.00 | 298.10 | 643.50 | 2700.62 | 0.00 |
| 17-06-2022 | 370 | 7122.00 | 6500.00 | 296.75 | 622.00 | 2634.50 | 0.00 |
| 18-06-2022 | 371 | 7155.00 | 6534.00 | 298.13 | 621.00 | 2655.62 | 0.00 |
| 19-06-2022 | 379 | 6545.00 | 5956.00 | 272.71 | 589.00 | 2483.35 | 0.00 |
| 20-06-2022 | 394 | 5474.50 | 4969.00 | 228.10 | 505.50 | 2159.35 | 0.00 |
| 21-06-2022 | 395 | 5376.00 | 4867.00 | 224.00 | 509.00 | 2125.90 | 1.06 |
| 22-06-2022 | 389 | 5373.00 | 4868.00 | 223.88 | 505.00 | 2087.50 | 0.00 |
| 23-06-2022 | 384 | 5563.50 | 5036.00 | 231.81 | 527.50 | 2135.06 | 0.00 |
| 24-06-2022 | 384 | 5676.00 | 5161.00 | 236.50 | 515.00 | 2179.82 | 0.00 |
| 25-06-2022 | 387 | 5671.50 | 5151.00 | 236.31 | 520.50 | 2195.52 | 0.00 |
| 26-06-2022 | 392 | 5735.50 | 5201.00 | 238.98 | 534.50 | 2250.02 | 0.00 |
| 27-06-2022 | 388 | 5723.00 | 5207.00 | 238.46 | 516.00 | 2218.97 | 0.62 |
| 28-06-2022 | 386 | 5723.50 | 5200.00 | 238.48 | 523.50 | 2207.35 | 0.00 |
| 29-06-2022 | 389 | 5726.50 | 5195.00 | 238.60 | 531.50 | 2228.66 | 0.00 |
| 30-06-2022 | 390 | 5724.00 | 5200.00 | 238.50 | 524.00 | 2234.42 | 0.00 |
| 01-07-2022 | 389 | 5722.50 | 5202.00 | 238.44 | 520.50 | 2224.34 | 0.00 |
| 02-07-2022 | 389 | 5721.00 | 5209.00 | 238.38 | 512.00 | 2226.19 | 0.00 |
| 03-07-2022 | 384 | 5727.50 | 5199.00 | 238.65 | 528.50 | 2196.62 | 0.00 |
| 04-07-2022 | 385 | 5721.50 | 5220.00 | 238.40 | 501.50 | 2201.83 | 0.00 |
| 05-07-2022 | 388 | 5695.50 | 5176.00 | 237.31 | 519.50 | 2210.09 | 0.00 |
| 06-07-2022 | 375 | 7151.50 | 6515.00 | 297.98 | 636.50 | 2682.12 | 0.00 |
| 07-07-2022 | 376 | 7156.50 | 6530.00 | 298.19 | 626.50 | 2687.93 | 0.00 |
| 08-07-2022 | 376 | 7152.00 | 6526.00 | 298.00 | 626.00 | 2690.02 | 0.00 |
| 09-07-2022 | 376 | 6845.50 | 6211.00 | 285.23 | 634.50 | 2574.96 | 0.00 |
| 10-07-2022 | 379 | 6508.50 | 5880.00 | 271.19 | 628.50 | 2468.83 | 1.27 |
| 11-07-2022 | 377 | 7096.00 | 6437.00 | 295.67 | 659.00 | 2675.33 | 0.00 |
| 12-07-2022 | 373 | 7151.50 | 6512.00 | 297.98 | 639.50 | 2664.70 | 0.24 |
| 13-07-2022 | 377 | 7038.00 | 6387.00 | 293.25 | 651.00 | 2651.40 | 0.05 |
| 14-07-2022 | 374 | 7150.50 | 6489.00 | 297.94 | 661.50 | 2671.49 | 0.00 |
| 15-07-2022 | 374 | 7153.50 | 6498.00 | 298.06 | 655.50 | 2674.92 | 0.00 |
| 16-07-2022 | 373 | 7162.00 | 6505.00 | 298.42 | 657.00 | 2670.50 | 0.00 |
| 17-07-2022 | 374 | 7162.50 | 6494.00 | 298.44 | 668.50 | 2675.62 | 0.00 |
| 18-07-2022 | 376 | 7156.50 | 6502.00 | 298.19 | 654.50 | 2688.02 | 0.00 |
| 19-07-2022 | 374 | 7155.00 | 6510.00 | 298.13 | 645.00 | 2674.56 | 0.00 |
| 20-07-2022 | 377 | 7161.00 | 6501.00 | 298.38 | 660.00 | 2698.22 | 0.00 |
| 21-07-2022 | 378 | 7151.00 | 6502.00 | 297.96 | 649.00 | 2705.62 | 0.00 |
| 22-07-2022 | 379 | 7165.00 | 6504.00 | 298.54 | 661.00 | 2716.08 | 0.00 |
| 23-07-2022 | 373 | 7156.50 | 6516.00 | 298.19 | 640.50 | 2666.69 | 0.00 |
| 24-07-2022 | 373 | 7021.00 | 6377.00 | 292.54 | 644.00 | 2621.57 | 0.00 |

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| 25-07-2022 | 372 | 7146.50 | 6492.00 | 297.77 | 654.50 | 2659.92 | 0.00 |
| 26-07-2022 | 371 | 7152.00 | 6518.00 | 298.00 | 634.00 | 2653.54 | 0.00 |
| 27-07-2022 | 376 | 7162.00 | 6504.00 | 298.42 | 658.00 | 2693.90 | 0.22 |
| 28-07-2022 | 363 | 7155.50 | 6507.00 | 298.15 | 648.50 | 2600.33 | 0.02 |
| 29-07-2022 | 376 | 7153.00 | 6496.00 | 298.04 | 657.00 | 2688.72 | 0.00 |
| 30-07-2022 | 373 | 7162.00 | 6507.00 | 298.42 | 655.00 | 2668.42 | 0.00 |
| 31-07-2022 | 380 | 6715.00 | 6072.00 | 279.79 | 643.00 | 2551.63 | 0.00 |
| 01-08-2022 | 381 | 6948.00 | 6310.00 | 289.50 | 638.00 | 2649.58 | 1.03 |
| 02-08-2022 | 387 | 6411.00 | 5782.00 | 267.13 | 629.00 | 2478.55 | 0.00 |
| 03-08-2022 | 385 | 6313.00 | 5701.00 | 263.04 | 612.00 | 2431.39 | 0.00 |
| 04-08-2022 | 382 | 6217.50 | 5608.00 | 259.06 | 609.50 | 2374.32 | 0.00 |
| 05-08-2022 | 383 | 5610.00 | 5032.00 | 233.75 | 578.00 | 2147.57 | 0.00 |
| 06-08-2022 | 393 | 5077.00 | 4531.00 | 211.54 | 546.00 | 1996.13 | 0.00 |
| 07-08-2022 | 399 | 4887.00 | 4342.00 | 203.63 | 545.00 | 1948.10 | 0.00 |
| 08-08-2022 | 384 | 6452.00 | 5845.00 | 268.83 | 607.00 | 2479.73 | 0.00 |
| 09-08-2022 | 373 | 6490.50 | 5877.00 | 270.44 | 613.50 | 2417.74 | 0.00 |
| 10-08-2022 | 380 | 6336.00 | 5724.00 | 264.00 | 612.00 | 2409.65 | 0.00 |
| 11-08-2022 | 396 | 5064.50 | 4509.00 | 211.02 | 555.50 | 2006.52 | 0.00 |
| 12-08-2022 | 380 | 6674.50 | 6038.00 | 278.10 | 636.50 | 2535.55 | 0.41 |
| 13-08-2022 | 378 | 6935.00 | 6291.00 | 288.96 | 644.00 | 2619.17 | 0.00 |
| 14-08-2022 | 373 | 6823.00 | 6176.00 | 284.29 | 647.00 | 2544.46 | 0.00 |
| 15-08-2022 | 378 | 7154.00 | 6505.00 | 298.08 | 649.00 | 2704.97 | 0.00 |
| 16-08-2022 | 373 | 7161.50 | 6498.00 | 298.40 | 663.50 | 2671.68 | 0.00 |
| 17-08-2022 | 376 | 7152.50 | 6513.00 | 298.02 | 639.50 | 2689.54 | 0.00 |
| 18-08-2022 | 379 | 7157.00 | 6499.00 | 298.21 | 658.00 | 2715.82 | 0.00 |
| 19-08-2022 | 377 | 7161.00 | 6508.00 | 298.38 | 653.00 | 2698.82 | 0.00 |
| 20-08-2022 | 371 | 7162.00 | 6494.00 | 298.42 | 668.00 | 2656.70 | 0.00 |
| 21-08-2022 | 371 | 7151.50 | 6496.00 | 297.98 | 655.50 | 2652.62 | 0.00 |
| 22-08-2022 | 368 | 7161.50 | 6496.00 | 298.40 | 665.50 | 2637.02 | 0.00 |
| 23-08-2022 | 370 | 7156.00 | 6495.00 | 298.17 | 661.00 | 2649.07 | 0.00 |
| 24-08-2022 | 370 | 7152.50 | 6484.00 | 298.02 | 668.50 | 2646.22 | 0.00 |
| 25-08-2022 | 373 | 7166.00 | 6521.00 | 298.58 | 645.00 | 2673.17 | 0.00 |
| 26-08-2022 | 378 | 7151.00 | 6551.00 | 297.96 | 600.00 | 2706.07 | 0.00 |
| 27-08-2022 | 380 | 5483.50 | 4966.00 | 228.48 | 517.50 | 2081.11 | 0.10 |
| 28-08-2022 | 376 | 5819.50 | 5274.00 | 242.48 | 545.50 | 2187.55 | 0.22 |
| 29-08-2022 | 373 | 6830.00 | 6191.00 | 284.58 | 639.00 | 2546.04 | 0.00 |
| 30-08-2022 | 372 | 7136.50 | 6477.00 | 297.35 | 659.50 | 2654.98 | 0.00 |
| 31-08-2022 | 372 | 7065.50 | 6403.00 | 294.40 | 662.50 | 2629.94 | 0.00 |
| 01-09-2022 | 375 | 6710.00 | 6060.00 | 279.58 | 650.00 | 2516.93 | 0.00 |
| 02-09-2022 | 380 | 6102.00 | 5498.00 | 254.25 | 604.00 | 2316.60 | 0.00 |
| 03-09-2022 | 382 | 5667.00 | 5083.00 | 236.13 | 584.00 | 2163.65 | 0.00 |
| 04-09-2022 | 384 | 5335.50 | 4776.00 | 222.31 | 559.50 | 2048.86 | 0.00 |
| 05-09-2022 | 379 | 6244.50 | 5653.00 | 260.19 | 591.50 | 2364.34 | 0.00 |
| 06-09-2022 | 382 | 5525.00 | 4954.00 | 230.21 | 571.00 | 2112.98 | 0.00 |
| 07-09-2022 | 389 | 5025.50 | 4493.00 | 209.40 | 532.50 | 1957.13 | 0.00 |
| 08-09-2022 | 382 | 5731.50 | 5156.00 | 238.81 | 575.50 | 2192.02 | 0.00 |
| 09-09-2022 | 382 | 5703.50 | 5122.00 | 237.65 | 581.50 | 2179.99 | 0.00 |
| 10-09-2022 | 391 | 4748.50 | 4219.00 | 197.85 | 529.50 | 1856.69 | 0.00 |
| 11-09-2022 | 396 | 4554.00 | 4038.00 | 189.75 | 516.00 | 1803.98 | 0.00 |
| 12-09-2022 | 388 | 5738.50 | 5170.00 | 239.10 | 568.50 | 2228.54 | 0.00 |
| 13-09-2022 | 379 | 7144.50 | 6509.00 | 297.69 | 635.50 | 2705.83 | 0.26 |
| 14-09-2022 | 376 | 7164.00 | 6508.00 | 298.50 | 656.00 | 2690.47 | 0.00 |
| 15-09-2022 | 378 | 7152.00 | 6517.00 | 298.00 | 635.00 | 2702.52 | 0.00 |
| 16-09-2022 | 377 | 7157.00 | 6512.00 | 298.21 | 645.00 | 2696.33 | 0.00 |
| 17-09-2022 | 378 | 7166.00 | 6507.00 | 298.58 | 659.00 | 2705.57 | 0.00 |
| 18-09-2022 | 382 | 6473.00 | 5870.00 | 269.71 | 603.00 | 2475.62 | 0.00 |
| 19-09-2022 | 377 | 7153.00 | 6510.00 | 298.04 | 643.00 | 2695.44 | 0.00 |
| 20-09-2022 | 377 | 7147.00 | 6496.00 | 297.79 | 651.00 | 2696.45 | 0.00 |
| 21-09-2022 | 377 | 7157.00 | 6489.00 | 298.21 | 668.00 | 2699.14 | 0.00 |

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| 22-09-2022 | 379 | 7142.50 | 6487.00 | 297.60 | 655.50 | 2703.74 | 0.00 |
| 23-09-2022 | 380 | 7146.00 | 6482.00 | 297.75 | 664.00 | 2711.88 | 0.00 |
| 24-09-2022 | 379 | 7129.50 | 6456.00 | 297.06 | 673.50 | 2701.39 | 0.00 |
| 25-09-2022 | 380 | 7149.50 | 6492.00 | 297.90 | 657.50 | 2715.14 | 0.00 |
| 26-09-2022 | 384 | 6341.50 | 5742.00 | 264.23 | 599.50 | 2433.24 | 1.61 |
| 27-09-2022 | 298 | 45.00 | 44.00 | 1.88 | 113.29 | 13.39 | 8.04 |
| 01-10-2022 | 389 | 4138.00 | 3769.00 | 172.42 | 490.80 | 1609.75 | 70.51 |
| 02-10-2022 | 382 | 6015.50 | 5422.00 | 250.65 | 593.50 | 2299.54 | 0.00 |
| 03-10-2022 | 377 | 6574.50 | 5951.00 | 273.94 | 623.50 | 2479.70 | 0.00 |
| 04-10-2022 | 380 | 6578.50 | 5974.00 | 274.10 | 604.50 | 2500.27 | 0.00 |
| 05-10-2022 | 381 | 6778.00 | 6134.00 | 282.42 | 644.00 | 2582.86 | 0.00 |
| 06-10-2022 | 379 | 7122.50 | 6470.00 | 296.77 | 652.50 | 2698.27 | 0.00 |
| 07-10-2022 | 379 | 7144.50 | 6505.00 | 297.69 | 639.50 | 2704.63 | 0.00 |
| 08-10-2022 | 381 | 7064.00 | 6421.00 | 294.33 | 643.00 | 2694.22 | 0.00 |
| 09-10-2022 | 388 | 7072.50 | 6433.00 | 294.69 | 639.50 | 2745.38 | 0.00 |
| 10-10-2022 | 382 | 7139.50 | 6496.00 | 297.48 | 643.50 | 2726.33 | 0.00 |
| 11-10-2022 | 381 | 7144.00 | 6516.00 | 297.67 | 628.00 | 2720.95 | 0.00 |
| 12-10-2022 | 375 | 7155.00 | 6521.00 | 298.13 | 634.00 | 2683.18 | 0.34 |
| 13-10-2022 | 373 | 7074.50 | 6444.00 | 294.77 | 630.50 | 2637.05 | 0.00 |
| 14-10-2022 | 383 | 6541.50 | 5936.00 | 272.56 | 605.50 | 2506.25 | 0.00 |
| 15-10-2022 | 390 | 5557.00 | 5005.00 | 231.54 | 552.00 | 2165.30 | 0.00 |
| 16-10-2022 | 396 | 4301.50 | 3811.00 | 179.23 | 490.50 | 1702.97 | 19.06 |
| 17-10-2022 | 387 | 5641.50 | 5087.00 | 235.06 | 554.50 | 2185.37 | 0.00 |
| 18-10-2022 | 386 | 5749.50 | 5189.00 | 239.56 | 560.50 | 2219.88 | 0.00 |
| 19-10-2022 | 384 | 6069.50 | 5493.00 | 252.90 | 576.50 | 2328.41 | 0.00 |
| 20-10-2022 | 380 | 6506.50 | 5904.00 | 271.10 | 602.50 | 2471.38 | 0.00 |
| 21-10-2022 | 399 | 6307.50 | 5710.00 | 262.81 | 597.50 | 2513.88 | 0.00 |
| 22-10-2022 | 399 | 5180.50 | 4646.00 | 215.85 | 534.50 | 2065.32 | 0.00 |
| 23-10-2022 | 396 | 5351.50 | 4806.00 | 222.98 | 545.50 | 2119.54 | 0.00 |
| 24-10-2022 | 400 | 5618.00 | 5051.00 | 234.08 | 567.00 | 2244.74 | 0.00 |
| 25-10-2022 | 398 | 5879.00 | 5314.00 | 244.96 | 565.00 | 2340.29 | 0.00 |
| 26-10-2022 | 391 | 6062.50 | 5479.00 | 252.60 | 583.50 | 2372.06 | 0.00 |
| 27-10-2022 | 385 | 6121.00 | 5520.00 | 255.04 | 601.00 | 2357.81 | 0.00 |
| 28-10-2022 | 383 | 5935.50 | 5361.00 | 247.31 | 574.50 | 2273.90 | 0.00 |
| 29-10-2022 | 385 | 5725.00 | 5155.00 | 238.54 | 570.00 | 2205.36 | 0.00 |
| 30-10-2022 | 384 | 5457.50 | 4911.00 | 227.40 | 546.50 | 2095.39 | 0.00 |
| 31-10-2022 | 377 | 5853.00 | 5274.00 | 243.88 | 579.00 | 2206.25 | 0.00 |
| 01-11-2022 | 389 | 6266.00 | 5662.00 | 261.08 | 604.00 | 2434.70 | 0.00 |
| 02-11-2022 | 390 | 5972.50 | 5381.00 | 248.85 | 591.50 | 2328.58 | 0.00 |
| 03-11-2022 | 388 | 5926.50 | 5352.00 | 246.94 | 574.50 | 2296.51 | 0.00 |
| 04-11-2022 | 383 | 6279.50 | 5681.00 | 261.65 | 598.50 | 2402.02 | 0.00 |
| 05-11-2022 | 389 | 5507.50 | 4946.00 | 229.48 | 561.50 | 2141.59 | 0.00 |
| 06-11-2022 | 397 | 4528.00 | 4007.00 | 188.67 | 521.00 | 1796.64 | 0.00 |
| 07-11-2022 | 401 | 4501.50 | 3994.00 | 187.56 | 507.50 | 1807.18 | 0.00 |
| 08-11-2022 | 393 | 4813.00 | 4288.00 | 200.54 | 525.00 | 1893.62 | 0.00 |
| 09-11-2022 | 391 | 4882.00 | 4348.00 | 203.42 | 534.00 | 1908.00 | 0.00 |
| 10-11-2022 | 399 | 4877.00 | 4346.00 | 203.21 | 531.00 | 1944.55 | 0.00 |
| 11-11-2022 | 397 | 4969.00 | 4431.00 | 207.04 | 538.00 | 1971.14 | 0.00 |
| 12-11-2022 | 397 | 2449.50 | 2165.00 | 102.06 | 328.17 | 972.50 | 7.25 |
| 05-12-2022 | 406 | 3733.50 | 3431.00 | 155.56 | 359.88 | 1516.49 | 68.66 |
| 06-12-2022 | 381 | 5198.00 | 4759.00 | 216.58 | 439.03 | 1978.37 | 0.00 |
| 07-12-2022 | 382 | 5245.50 | 4749.00 | 218.56 | 496.53 | 2001.77 | 0.00 |
| 08-12-2022 | 384 | 5251.00 | 4748.00 | 218.79 | 503.03 | 2015.74 | 0.00 |
| 09-12-2022 | 381 | 5245.00 | 4757.00 | 218.54 | 488.07 | 1999.80 | 0.00 |
| 10-12-2022 | 385 | 5245.50 | 4756.00 | 218.56 | 489.51 | 2018.57 | 0.00 |
| 11-12-2022 | 379 | 5250.50 | 4752.00 | 218.77 | 498.56 | 1991.86 | 0.00 |
| 12-12-2022 | 379 | 5245.50 | 4762.00 | 218.56 | 483.52 | 1986.07 | 0.10 |
| 13-12-2022 | 378 | 5411.50 | 4895.00 | 225.48 | 516.52 | 2044.94 | 0.00 |
| 14-12-2022 | 372 | 7149.50 | 6521.00 | 297.90 | 628.50 | 2659.01 | 0.00 |

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| 15-12-2022 | 370 | 7157.00 | 6524.00 | 298.21 | 633.03 | 2649.60 | 0.00 |
| 16-12-2022 | 368 | 7159.50 | 6526.00 | 298.31 | 633.53 | 2635.39 | 0.00 |
| 17-12-2022 | 368 | 7155.00 | 6528.00 | 298.13 | 627.03 | 2636.23 | 0.00 |
| 18-12-2022 | 374 | 7022.00 | 6382.00 | 292.58 | 640.03 | 2622.79 | 0.00 |
| 19-12-2022 | 370 | 7034.50 | 6392.00 | 293.10 | 642.53 | 2602.06 | 0.00 |
| 20-12-2022 | 383 | 7091.50 | 6433.00 | 295.48 | 658.50 | 2719.08 | 0.00 |
| 21-12-2022 | 378 | 7112.50 | 6477.00 | 296.35 | 635.50 | 2691.91 | 0.00 |
| 22-12-2022 | 384 | 7090.50 | 6446.00 | 295.44 | 644.50 | 2724.98 | 0.00 |
| 23-12-2022 | 378 | 7097.00 | 6441.00 | 295.71 | 656.00 | 2681.98 | 0.00 |
| 24-12-2022 | 372 | 7147.00 | 6505.00 | 297.79 | 642.00 | 2660.98 | 0.00 |
| 25-12-2022 | 381 | 6825.50 | 6204.00 | 284.40 | 621.50 | 2601.79 | 0.00 |
| 26-12-2022 | 377 | 6779.50 | 6160.00 | 282.48 | 619.50 | 2556.26 | 0.00 |
| 27-12-2022 | 379 | 7026.50 | 6401.00 | 292.77 | 625.50 | 2661.55 | 0.48 |
| 28-12-2022 | 376 | 7105.50 | 6464.00 | 296.06 | 641.50 | 2671.25 | 0.00 |
| 29-12-2022 | 375 | 7089.00 | 6458.00 | 295.38 | 631.00 | 2656.49 | 0.00 |
| 30-12-2022 | 374 | 7155.00 | 6508.00 | 298.13 | 647.00 | 2677.92 | 0.00 |
| 31-12-2022 | 378 | 7029.00 | 6402.00 | 292.88 | 627.00 | 2655.38 | 0.00 |
| 01-01-2023 | 374 | 6608.00 | 5991.00 | 275.33 | 617.00 | 2471.98 | 0.00 |
| 02-01-2023 | 368 | 7125.50 | 6487.00 | 296.90 | 638.50 | 2625.17 | 0.00 |
| 03-01-2023 | 370 | 7153.00 | 6503.00 | 298.04 | 650.00 | 2645.23 | 0.10 |
| 04-01-2023 | 372 | 7126.50 | 6496.00 | 296.94 | 630.50 | 2652.84 | 0.00 |
| 05-01-2023 | 374 | 7150.50 | 6498.00 | 297.94 | 652.50 | 2671.73 | 0.00 |
| 06-01-2023 | 376 | 7090.50 | 6461.00 | 295.44 | 629.50 | 2664.07 | 0.00 |
| 07-01-2023 | 373 | 7062.00 | 6412.00 | 294.25 | 650.00 | 2630.66 | 0.00 |
| 08-01-2023 | 387 | 6360.00 | 5754.00 | 265.00 | 606.00 | 2463.60 | 0.00 |
| 09-01-2023 | 378 | 7053.50 | 6415.00 | 293.90 | 638.50 | 2665.92 | 0.00 |
| 10-01-2023 | 377 | 7143.50 | 6514.00 | 297.65 | 629.50 | 2695.61 | 0.00 |
| 11-01-2023 | 377 | 7154.50 | 6519.00 | 298.10 | 635.50 | 2698.01 | 0.00 |
| 12-01-2023 | 373 | 7162.50 | 6515.00 | 298.44 | 647.50 | 2672.52 | 0.55 |
| 13-01-2023 | 377 | 7160.50 | 6523.00 | 298.35 | 637.50 | 2696.74 | 0.00 |
| 14-01-2023 | 371 | 7157.50 | 6524.00 | 298.23 | 633.50 | 2654.30 | 0.00 |
| 15-01-2023 | 368 | 7111.50 | 6488.00 | 296.31 | 623.50 | 2618.83 | 0.00 |
| 16-01-2023 | 370 | 7042.50 | 6410.00 | 293.44 | 632.50 | 2602.97 | 0.00 |
| 17-01-2023 | 369 | 7128.50 | 6494.00 | 297.02 | 634.50 | 2630.62 | 0.00 |
| 18-01-2023 | 368 | 7155.00 | 6513.00 | 298.13 | 642.00 | 2632.34 | 0.00 |
| 19-01-2023 | 375 | 7139.00 | 6519.00 | 297.46 | 620.00 | 2676.43 | 0.00 |
| 20-01-2023 | 376 | 7159.50 | 6531.00 | 298.31 | 628.50 | 2692.20 | 0.00 |
| 21-01-2023 | 380 | 7000.50 | 6368.00 | 291.69 | 632.50 | 2662.42 | 0.00 |
| 22-01-2023 | 376 | 6950.00 | 6327.00 | 289.58 | 623.00 | 2613.46 | 0.00 |
| 23-01-2023 | 361 | 6994.00 | 6374.00 | 291.42 | 620.00 | 2522.64 | 0.00 |
| 24-01-2023 | 363 | 7067.00 | 6424.00 | 294.46 | 643.00 | 2568.41 | 0.00 |
| 25-01-2023 | 370 | 6980.50 | 6367.00 | 290.85 | 613.50 | 2582.81 | 0.00 |
| 26-01-2023 | 369 | 6960.50 | 6340.00 | 290.02 | 620.50 | 2570.40 | 0.00 |
| 27-01-2023 | 365 | 6984.50 | 6360.00 | 291.02 | 624.50 | 2547.29 | 0.00 |
| 28-01-2023 | 359 | 6827.50 | 6213.00 | 284.48 | 614.50 | 2451.89 | 0.00 |
| 29-01-2023 | 368 | 7120.50 | 6493.00 | 296.69 | 627.50 | 2622.86 | 0.00 |
| 30-01-2023 | 372 | 7136.50 | 6505.00 | 297.35 | 631.50 | 2653.10 | 0.00 |
| 31-01-2023 | 372 | 6993.50 | 6362.00 | 291.40 | 631.50 | 2599.80 | 0.00 |
| 01-02-2023 | 377 | 6879.00 | 6255.00 | 286.63 | 624.00 | 2592.86 | 0.00 |
| 02-02-2023 | 380 | 6915.50 | 6297.00 | 288.15 | 618.50 | 2625.43 | 0.00 |
| 03-02-2023 | 368 | 6809.00 | 6207.00 | 283.71 | 602.00 | 2508.65 | 0.00 |
| 04-02-2023 | 369 | 6857.00 | 6240.00 | 285.71 | 617.00 | 2530.20 | 0.00 |
| 05-02-2023 | 366 | 6507.50 | 5956.00 | 271.15 | 551.50 | 2382.91 | 0.00 |
| 06-02-2023 | 365 | 7047.00 | 6496.00 | 293.63 | 551.00 | 2571.91 | 0.00 |
| 07-02-2023 | 369 | 7067.50 | 6512.00 | 294.48 | 555.50 | 2606.33 | 0.00 |
| 08-02-2023 | 373 | 7057.50 | 6432.00 | 294.06 | 625.50 | 2634.41 | 0.00 |
| 09-02-2023 | 374 | 7146.50 | 6563.00 | 297.77 | 583.50 | 2672.66 | 0.00 |
| 10-02-2023 | 372 | 7148.00 | 6591.00 | 297.83 | 557.00 | 2661.24 | 0.00 |
| 11-02-2023 | 363 | 7126.00 | 6581.00 | 296.92 | 545.00 | 2585.02 | 0.00 |

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| 12-02-2023 | 365 | 7075.50 | 6537.00 | 294.81 | 538.50 | 2581.39 | 0.31 |
| 13-02-2023 | 364 | 7148.50 | 6606.00 | 297.85 | 542.50 | 2602.34 | 0.00 |
| 14-02-2023 | 367 | 7153.00 | 6612.00 | 298.04 | 541.00 | 2628.65 | 0.00 |
| 15-02-2023 | 368 | 7035.50 | 6502.00 | 293.15 | 533.50 | 2588.16 | 0.00 |
| 16-02-2023 | 370 | 6641.50 | 6113.00 | 276.73 | 528.50 | 2458.56 | 0.00 |
| 17-02-2023 | 369 | 7144.50 | 6612.00 | 297.69 | 532.50 | 2637.79 | 0.00 |
| 18-02-2023 | 377 | 7153.50 | 6598.00 | 298.06 | 555.50 | 2694.24 | 0.00 |
| 19-02-2023 | 368 | 7079.50 | 6546.00 | 294.98 | 533.50 | 2607.46 | 0.00 |
| 20-02-2023 | 367 | 7124.50 | 6580.00 | 296.85 | 544.50 | 2618.14 | 0.00 |
| 21-02-2023 | 368 | 7098.50 | 6555.00 | 295.77 | 543.50 | 2610.60 | 0.00 |
| 22-02-2023 | 365 | 7146.00 | 6602.00 | 297.75 | 544.00 | 2610.29 | 0.00 |
| 23-02-2023 | 364 | 7152.00 | 6609.00 | 298.00 | 543.00 | 2600.74 | 0.00 |
| 24-02-2023 | 364 | 7082.00 | 6538.00 | 295.08 | 544.00 | 2576.95 | 0.00 |
| 25-02-2023 | 365 | 7072.50 | 6531.00 | 294.69 | 541.50 | 2581.51 | 0.00 |
| 26-02-2023 | 362 | 6983.00 | 6447.00 | 290.96 | 536.00 | 2529.86 | 0.00 |
| 27-02-2023 | 367 | 7094.50 | 6550.00 | 295.60 | 544.50 | 2601.89 | 0.00 |
| 28-02-2023 | 362 | 7053.00 | 6501.00 | 293.88 | 552.00 | 2552.54 | 0.00 |
| 01-03-2023 | 361 | 7116.00 | 6573.00 | 296.50 | 543.00 | 2566.08 | 0.00 |
| 02-03-2023 | 358 | 7130.00 | 6596.00 | 297.08 | 534.00 | 2554.42 | 0.00 |
| 03-03-2023 | 358 | 7153.00 | 6596.00 | 298.04 | 557.00 | 2558.64 | 0.00 |
| 04-03-2023 | 363 | 7118.00 | 6583.00 | 296.58 | 535.00 | 2585.93 | 0.00 |
| 05-03-2023 | 364 | 6964.00 | 6423.00 | 290.17 | 541.00 | 2532.70 | 0.00 |
| 06-03-2023 | 366 | 6879.00 | 6346.00 | 286.63 | 533.00 | 2515.39 | 0.00 |
| 07-03-2023 | 363 | 7011.50 | 6461.00 | 292.15 | 550.50 | 2547.46 | 0.00 |
| 08-03-2023 | 364 | 7145.00 | 6610.00 | 297.71 | 535.00 | 2600.86 | 0.00 |
| 09-03-2023 | 358 | 7141.00 | 6590.00 | 297.54 | 551.00 | 2558.54 | 0.00 |
| 10-03-2023 | 357 | 7144.00 | 6610.00 | 297.67 | 534.00 | 2550.14 | 0.00 |
| 11-03-2023 | 358 | 7005.50 | 6460.00 | 291.90 | 545.50 | 2508.77 | 0.00 |
| 12-03-2023 | 366 | 6549.50 | 6035.00 | 272.90 | 514.50 | 2393.83 | 0.60 |
| 13-03-2023 | 367 | 6990.00 | 6458.00 | 291.25 | 532.00 | 2565.02 | 0.00 |
| 14-03-2023 | 362 | 7147.50 | 6590.00 | 297.81 | 557.50 | 2587.06 | 0.00 |
| 15-03-2023 | 363 | 7154.00 | 6619.00 | 298.08 | 535.00 | 2599.75 | 0.00 |
| 16-03-2023 | 367 | 7156.00 | 6613.00 | 298.17 | 543.00 | 2624.81 | 0.00 |
| 17-03-2023 | 366 | 7162.50 | 6606.00 | 298.44 | 556.50 | 2620.01 | 0.00 |
| 18-03-2023 | 366 | 7151.00 | 6615.00 | 297.96 | 536.00 | 2618.66 | 0.00 |
| 19-03-2023 | 364 | 2891.50 | 2662.00 | 120.48 | 256.94 | 1053.65 | 3.82 |
| 31-03-2023 | 397 | 3685.00 | 3367.00 | 153.54 | 371.22 | 1462.85 | 67.34 |
| 01-04-2023 | 384 | 5245.00 | 4737.00 | 218.54 | 508.76 | 2014.92 | 0.00 |
| 02-04-2023 | 387 | 5246.00 | 4729.00 | 218.58 | 517.00 | 2031.02 | 0.00 |
| 03-04-2023 | 383 | 5249.50 | 4730.00 | 218.73 | 519.50 | 2009.57 | 0.00 |
| 04-04-2023 | 388 | 5247.00 | 4727.00 | 218.63 | 520.00 | 2036.21 | 0.00 |
| 05-04-2023 | 384 | 5251.00 | 4726.00 | 218.79 | 525.00 | 2017.08 | 0.00 |
| 06-04-2023 | 387 | 5248.00 | 4729.00 | 218.67 | 519.00 | 2030.16 | 0.00 |
| 07-04-2023 | 389 | 5242.50 | 4738.00 | 218.44 | 504.50 | 2038.58 | 0.00 |
| 08-04-2023 | 388 | 5257.00 | 4745.00 | 219.04 | 512.00 | 2040.98 | 0.00 |
| 09-04-2023 | 385 | 5276.00 | 4763.00 | 219.83 | 513.00 | 2029.99 | 0.00 |
| 10-04-2023 | 389 | 5270.00 | 4757.00 | 219.58 | 513.00 | 2048.59 | 0.00 |
| 11-04-2023 | 387 | 5269.50 | 4757.00 | 219.56 | 512.50 | 2038.97 | 0.00 |
| 12-04-2023 | 385 | 5273.50 | 4760.00 | 219.73 | 513.50 | 2032.25 | 0.50 |
| 13-04-2023 | 384 | 5266.50 | 4757.00 | 219.44 | 509.50 | 2024.50 | 0.00 |
| 14-04-2023 | 388 | 5276.00 | 4761.00 | 219.83 | 515.00 | 2044.63 | 0.00 |
| 15-04-2023 | 388 | 5269.00 | 4757.00 | 219.54 | 512.00 | 2043.38 | 0.00 |
| 16-04-2023 | 381 | 5530.50 | 4989.00 | 230.44 | 541.50 | 2108.04 | 0.00 |
| 17-04-2023 | 366 | 7076.00 | 6428.00 | 294.83 | 648.00 | 2587.58 | 0.00 |
| 18-04-2023 | 365 | 7152.00 | 6513.00 | 298.00 | 639.00 | 2612.81 | 0.00 |
| 19-04-2023 | 365 | 7154.50 | 6527.00 | 298.10 | 627.50 | 2612.88 | 0.00 |
| 20-04-2023 | 364 | 7154.50 | 6514.00 | 298.10 | 640.50 | 2605.08 | 0.00 |
| 21-04-2023 | 365 | 7154.00 | 6512.00 | 298.08 | 642.00 | 2611.39 | 0.00 |
| 22-04-2023 | 362 | 7156.50 | 6513.00 | 298.19 | 643.50 | 2592.79 | 0.00 |

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| 23-04-2023 | 365 | 6956.00 | 6319.00 | 289.83 | 637.00 | 2539.75 | 0.00 |
| 24-04-2023 | 363 | 7152.00 | 6499.00 | 298.00 | 653.00 | 2597.50 | 0.00 |
| 25-04-2023 | 364 | 7150.50 | 6518.00 | 297.94 | 632.50 | 2600.38 | 0.00 |
| 26-04-2023 | 367 | 7124.50 | 6490.00 | 296.85 | 634.50 | 2612.93 | 0.00 |
| 27-04-2023 | 369 | 7128.00 | 6502.00 | 297.00 | 626.00 | 2628.72 | 0.48 |
| 28-04-2023 | 367 | 7147.50 | 6517.00 | 297.81 | 630.50 | 2624.52 | 0.00 |
| 29-04-2023 | 366 | 7153.50 | 6501.00 | 298.06 | 652.50 | 2617.30 | 0.00 |
| 30-04-2023 | 369 | 6759.50 | 6120.00 | 281.65 | 639.50 | 2496.19 | 0.00 |
| 01-05-2023 | 371 | 6948.50 | 6302.00 | 289.52 | 646.50 | 2577.38 | 0.00 |
| 02-05-2023 | 366 | 7033.00 | 6393.00 | 293.04 | 640.00 | 2576.69 | 0.00 |
| 03-05-2023 | 369 | 6953.00 | 6300.00 | 289.71 | 653.00 | 2566.85 | 0.00 |
| 04-05-2023 | 373 | 7087.00 | 6448.00 | 295.29 | 639.00 | 2646.72 | 0.00 |
| 05-05-2023 | 378 | 6357.50 | 5739.00 | 264.90 | 618.50 | 2404.22 | 0.00 |
| 06-05-2023 | 386 | 6591.00 | 5966.00 | 274.63 | 625.00 | 2542.90 | 0.00 |
| 07-05-2023 | 374 | 6778.00 | 6157.00 | 282.42 | 621.00 | 2532.12 | 0.00 |
| 08-05-2023 | 381 | 7079.50 | 6433.00 | 294.98 | 646.50 | 2697.86 | 0.00 |
| 09-05-2023 | 387 | 6890.00 | 6257.00 | 287.08 | 633.00 | 2666.40 | 0.00 |
| 10-05-2023 | 380 | 6907.00 | 6276.00 | 287.79 | 631.00 | 2626.08 | 0.00 |
| 11-05-2023 | 376 | 6539.50 | 5929.00 | 272.48 | 610.50 | 2460.07 | 0.00 |
| 12-05-2023 | 374 | 6497.00 | 5886.00 | 270.71 | 611.00 | 2431.63 | 0.67 |
| 13-05-2023 | 372 | 6635.50 | 6016.00 | 276.48 | 619.50 | 2469.38 | 0.00 |
| 14-05-2023 | 370 | 6679.50 | 6061.00 | 278.31 | 618.50 | 2472.62 | 0.00 |
| 15-05-2023 | 361 | 6992.00 | 6347.00 | 291.33 | 645.00 | 2522.47 | 0.00 |
| 16-05-2023 | 363 | 7154.50 | 6516.00 | 298.10 | 638.50 | 2598.48 | 0.00 |
| 17-05-2023 | 372 | 7154.50 | 6493.00 | 298.10 | 661.50 | 2662.34 | 0.00 |
| 18-05-2023 | 362 | 7152.50 | 6513.00 | 298.02 | 639.50 | 2591.16 | 0.00 |
| 19-05-2023 | 355 | 7154.50 | 6506.00 | 298.10 | 648.50 | 2539.34 | 0.00 |
| 20-05-2023 | 362 | 7152.50 | 6504.00 | 298.02 | 648.50 | 2588.71 | 0.00 |
| 21-05-2023 | 362 | 6775.00 | 6144.00 | 282.29 | 631.00 | 2453.95 | 0.00 |
| 22-05-2023 | 369 | 6182.50 | 5578.00 | 257.60 | 604.50 | 2278.68 | 0.00 |
| 23-05-2023 | 364 | 6549.00 | 5945.00 | 272.88 | 604.00 | 2387.04 | 0.00 |
| 24-05-2023 | 362 | 6552.50 | 5936.00 | 273.02 | 616.50 | 2371.82 | 0.00 |
| 25-05-2023 | 363 | 6561.50 | 5938.00 | 273.40 | 623.50 | 2381.42 | 0.00 |
| 26-05-2023 | 375 | 6545.50 | 5941.00 | 272.73 | 604.50 | 2453.90 | 0.00 |
| 27-05-2023 | 360 | 6557.00 | 5943.00 | 273.21 | 614.00 | 2360.45 | 0.00 |
| 28-05-2023 | 362 | 6502.00 | 5888.00 | 270.92 | 614.00 | 2355.98 | 0.00 |
| 29-05-2023 | 367 | 6551.50 | 5935.00 | 272.98 | 616.50 | 2401.58 | 0.00 |
| 30-05-2023 | 370 | 6561.00 | 5935.00 | 273.38 | 626.00 | 2429.42 | 0.00 |
| 31-05-2023 | 375 | 6441.00 | 5838.00 | 268.38 | 603.00 | 2417.06 | 0.55 |
| 01-06-2023 | 372 | 6555.50 | 5937.00 | 273.15 | 618.50 | 2436.77 | 0.00 |
| 02-06-2023 | 378 | 6552.00 | 5933.00 | 273.00 | 619.00 | 2478.46 | 0.00 |
| 03-06-2023 | 371 | 6022.50 | 5419.00 | 250.94 | 603.50 | 2234.45 | 0.00 |
| 04-06-2023 | 365 | 5985.50 | 5410.00 | 249.40 | 575.50 | 2185.87 | 0.00 |
| 05-06-2023 | 369 | 6441.50 | 5828.00 | 268.40 | 613.50 | 2377.34 | 0.00 |
| 06-06-2023 | 376 | 6343.00 | 5739.00 | 264.29 | 604.00 | 2384.62 | 0.00 |
| 07-06-2023 | 371 | 6469.00 | 5860.00 | 269.54 | 609.00 | 2398.22 | 0.00 |
| 08-06-2023 | 367 | 6136.00 | 5540.00 | 255.67 | 596.00 | 2252.38 | 0.00 |
| 09-06-2023 | 389 | 5251.50 | 4754.00 | 218.81 | 497.50 | 2040.94 | 0.00 |
| 10-06-2023 | 386 | 5246.00 | 4746.00 | 218.58 | 500.00 | 2024.98 | 0.00 |
| 11-06-2023 | 357 | 746.50 | 678.00 | 31.10 | 201.11 | 266.33 | 19.08 |
| 16-06-2023 | 401 | 1928.00 | 1773.00 | 80.33 | 253.57 | 772.58 | 75.41 |
| 17-06-2023 | 398 | 5167.00 | 4671.00 | 215.29 | 496.17 | 2058.05 | 0.00 |
| 18-06-2023 | 394 | 5081.00 | 4585.00 | 211.71 | 496.23 | 2002.82 | 0.00 |
| 19-06-2023 | 391 | 5370.00 | 4852.00 | 223.75 | 518.16 | 2101.25 | 0.12 |
| 20-06-2023 | 397 | 5361.00 | 4855.00 | 223.38 | 506.19 | 2130.00 | 0.00 |
| 21-06-2023 | 390 | 5368.00 | 4853.00 | 223.67 | 515.06 | 2094.98 | 0.00 |
| 22-06-2023 | 391 | 5377.00 | 4855.00 | 224.04 | 522.06 | 2101.15 | 0.00 |
| 23-06-2023 | 386 | 5374.00 | 4850.00 | 223.92 | 524.06 | 2072.35 | 0.00 |
| 24-06-2023 | 392 | 5373.50 | 4852.00 | 223.90 | 521.55 | 2105.90 | 0.00 |

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| 25-06-2023 | 395 | 5374.00 | 4850.00 | 223.92 | 524.00 | 2122.10 | 0.00 |
| 26-06-2023 | 407 | 5378.50 | 4846.00 | 224.10 | 532.50 | 2191.68 | 0.00 |
| 27-06-2023 | 400 | 5374.50 | 4848.00 | 223.94 | 526.50 | 2148.29 | 0.36 |
| 28-06-2023 | 402 | 5374.00 | 4856.00 | 223.92 | 518.00 | 2158.80 | 0.00 |
| 29-06-2023 | 408 | 5373.50 | 4847.00 | 223.90 | 526.50 | 2191.58 | 0.00 |
| 30-06-2023 | 406 | 5378.00 | 4850.00 | 224.08 | 528.00 | 2182.13 | 0.00 |
| 01-07-2023 | 403 | 5374.00 | 4855.00 | 223.92 | 519.00 | 2168.09 | 0.00 |
| 02-07-2023 | 394 | 5373.50 | 4854.00 | 223.90 | 519.50 | 2118.00 | 0.00 |
| 03-07-2023 | 394 | 5369.50 | 4859.00 | 223.73 | 510.50 | 2115.53 | 0.00 |
| 04-07-2023 | 394 | 5380.50 | 4851.00 | 224.19 | 529.50 | 2118.89 | 0.00 |
| 05-07-2023 | 396 | 5364.50 | 4853.00 | 223.52 | 511.50 | 2124.53 | 0.00 |
| 06-07-2023 | 402 | 5146.00 | 4636.00 | 214.42 | 510.00 | 2067.38 | 0.00 |
| 07-07-2023 | 396 | 5367.50 | 4841.00 | 223.65 | 526.50 | 2125.03 | 0.00 |
| 08-07-2023 | 396 | 5356.00 | 4843.00 | 223.17 | 513.00 | 2121.77 | 0.00 |
| 09-07-2023 | 380 | 4974.50 | 4488.00 | 207.27 | 486.50 | 1892.33 | 53.09 |
| 10-07-2023 | 396 | 5249.50 | 4737.00 | 218.73 | 512.50 | 2076.53 | 0.00 |
| 11-07-2023 | 391 | 5257.00 | 4731.00 | 219.04 | 526.00 | 2053.01 | 0.00 |
| 12-07-2023 | 389 | 5251.50 | 4741.00 | 218.81 | 510.52 | 2042.42 | 0.00 |
| 13-07-2023 | 391 | 5261.00 | 4736.00 | 219.21 | 525.08 | 2055.77 | 0.00 |
| 14-07-2023 | 388 | 5219.00 | 4703.00 | 217.46 | 516.09 | 2025.14 | 0.00 |
| 15-07-2023 | 380 | 4547.00 | 4079.00 | 189.46 | 500.17 | 1727.83 | 26.78 |
| 18-07-2023 | 425 | 253.00 | 236.00 | 10.54 | 132.46 | 107.50 | 57.65 |
| 19-07-2023 | 398 | 5244.00 | 4755.00 | 218.50 | 489.72 | 2087.74 | 0.00 |
| 20-07-2023 | 393 | 5244.50 | 4733.00 | 218.52 | 512.20 | 2063.28 | 0.00 |
| 21-07-2023 | 394 | 5244.50 | 4735.00 | 218.52 | 510.22 | 2064.55 | 0.05 |
| 22-07-2023 | 396 | 5244.50 | 4736.00 | 218.52 | 509.24 | 2074.39 | 0.00 |
| 23-07-2023 | 392 | 5246.50 | 4741.00 | 218.60 | 506.20 | 2055.36 | 0.00 |
| 24-07-2023 | 395 | 5247.50 | 4736.00 | 218.65 | 512.20 | 2070.60 | 0.00 |
| 25-07-2023 | 395 | 5245.50 | 4736.00 | 218.56 | 510.22 | 2074.13 | 0.00 |
| 26-07-2023 | 395 | 5244.50 | 4736.00 | 218.52 | 509.18 | 2072.26 | 0.00 |
| 27-07-2023 | 395 | 5251.50 | 4736.00 | 218.81 | 515.50 | 2076.00 | 0.00 |
| 28-07-2023 | 394 | 5208.50 | 4709.00 | 217.02 | 499.50 | 2053.13 | 0.67 |
| 29-07-2023 | 314 | 294.00 | 277.00 | 12.25 | 175.63 | 92.30 | 38.71 |
| 15-11-2023 | 650 | 223.50 | 221.00 | 9.31 | 207.49 | 145.37 | 154.92 |
| 16-11-2023 | 332 | 631.00 | 597.00 | 26.29 | 206.54 | 209.21 | 97.18 |
| 17-11-2023 | 377 | 3021.50 | 2777.00 | 125.90 | 335.41 | 1139.78 | 89.04 |
| 11-12-2023 | 377 | 3337.00 | 3077.00 | 139.04 | 384.88 | 1259.64 | 50.02 |
| 12-12-2023 | 379 | 6624.00 | 6108.00 | 276.00 | 516.00 | 2511.41 | 0.00 |
| 13-12-2023 | 382 | 6658.50 | 6132.00 | 277.44 | 526.50 | 2546.47 | 0.00 |
| 14-12-2023 | 368 | 6351.50 | 5839.00 | 264.65 | 512.50 | 2340.12 | 0.00 |
| 15-12-2023 | 372 | 6514.50 | 5989.00 | 271.44 | 525.50 | 2423.52 | 0.00 |
| 16-12-2023 | 376 | 4836.00 | 4396.00 | 201.50 | 440.00 | 1816.06 | 6.29 |
| 17-12-2023 | 383 | 4590.50 | 4146.00 | 191.27 | 444.50 | 1759.99 | 0.00 |
| 18-12-2023 | 368 | 6245.50 | 5733.00 | 260.23 | 512.50 | 2300.90 | 0.00 |
| 19-12-2023 | 374 | 6284.00 | 5779.00 | 261.83 | 505.00 | 2347.97 | 0.00 |
| 20-12-2023 | 378 | 5919.50 | 5425.00 | 246.65 | 494.50 | 2240.28 | 0.00 |
| 21-12-2023 | 381 | 6243.00 | 5733.00 | 260.13 | 510.00 | 2378.06 | 0.00 |
| 22-12-2023 | 381 | 6600.00 | 6067.00 | 275.00 | 533.00 | 2515.10 | 0.00 |
| 23-12-2023 | 376 | 6235.50 | 5730.00 | 259.81 | 505.50 | 2342.40 | 0.58 |
| 24-12-2023 | 371 | 5150.50 | 4675.00 | 214.60 | 475.50 | 1912.51 | 0.00 |
| 25-12-2023 | 383 | 1927.00 | 1738.00 | 80.29 | 189.16 | 738.31 | 12.14 |
| 20-01-2024 | 389 | 4484.50 | 4126.00 | 186.85 | 450.90 | 1745.93 | 76.46 |
| 21-01-2024 | 382 | 6844.00 | 6296.00 | 285.17 | 548.00 | 2615.98 | 0.00 |
| 22-01-2024 | 367 | 7137.50 | 6589.00 | 297.40 | 548.50 | 2619.91 | 0.00 |
| 23-01-2024 | 360 | 7142.50 | 6542.00 | 297.60 | 600.50 | 2570.83 | 0.00 |
| 24-01-2024 | 360 | 7152.50 | 6504.00 | 298.02 | 648.50 | 2572.61 | 0.00 |
| 25-01-2024 | 365 | 6919.50 | 6307.00 | 288.31 | 612.50 | 2525.45 | 0.00 |
| 26-01-2024 | 356 | 7152.50 | 6524.00 | 298.02 | 628.50 | 2546.09 | 0.00 |
| 27-01-2024 | 354 | 7151.00 | 6521.00 | 297.96 | 630.00 | 2532.46 | 0.82 |

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|---|---|---|---|---|---|---|---|
| 28-01-2024 | 362 | 5853.50 | 5279.00 | 243.90 | 574.50 | 2120.35 | 0.00 |
| 29-01-2024 | 356 | 7067.00 | 6437.00 | 294.46 | 630.00 | 2515.34 | 0.00 |
| 30-01-2024 | 355 | 7147.50 | 6523.00 | 297.81 | 624.50 | 2535.79 | 0.00 |
| 31-01-2024 | 353 | 7120.00 | 6483.00 | 296.67 | 637.00 | 2510.54 | 0.00 |
| 01-02-2024 | 357 | 7130.00 | 6507.00 | 297.08 | 623.00 | 2547.96 | 0.00 |
| 02-02-2024 | 362 | 6960.00 | 6347.00 | 290.00 | 613.00 | 2520.53 | 0.00 |
| 03-02-2024 | 357 | 6704.00 | 6094.00 | 279.33 | 610.00 | 2392.20 | 0.00 |
| 04-02-2024 | 357 | 6764.00 | 6146.00 | 281.83 | 618.00 | 2414.45 | 0.00 |
| 05-02-2024 | 354 | 6940.00 | 6332.00 | 289.17 | 608.00 | 2453.76 | 0.00 |
| 06-02-2024 | 353 | 7154.50 | 6530.00 | 298.10 | 624.50 | 2528.45 | 0.31 |
| 07-02-2024 | 355 | 7151.00 | 6524.00 | 297.96 | 627.00 | 2538.41 | 0.00 |
| 08-02-2024 | 352 | 7155.50 | 6530.00 | 298.15 | 625.50 | 2521.90 | 0.00 |
| 09-02-2024 | 353 | 7158.50 | 6533.00 | 298.27 | 625.50 | 2526.26 | 0.00 |
| 10-02-2024 | 351 | 7156.50 | 6525.00 | 298.19 | 631.50 | 2512.39 | 0.00 |
| 11-02-2024 | 348 | 6756.00 | 6147.00 | 281.50 | 609.00 | 2350.37 | 0.00 |
| 12-02-2024 | 345 | 7147.50 | 6518.00 | 297.81 | 629.50 | 2466.38 | 0.98 |
| 13-02-2024 | 345 | 7159.50 | 6525.00 | 298.31 | 634.50 | 2472.55 | 0.19 |
| 14-02-2024 | 345 | 7151.00 | 6515.00 | 297.96 | 636.00 | 2466.94 | 0.00 |
| 15-02-2024 | 345 | 7151.50 | 6518.00 | 297.98 | 633.50 | 2464.85 | 0.00 |
| 16-02-2024 | 344 | 7158.00 | 6523.00 | 298.25 | 635.00 | 2465.30 | 0.00 |
| 17-02-2024 | 344 | 7151.00 | 6516.00 | 297.96 | 635.00 | 2460.62 | 0.00 |
| 18-02-2024 | 353 | 6459.50 | 5849.00 | 269.15 | 610.50 | 2280.55 | 0.00 |
| 19-02-2024 | 347 | 7145.50 | 6523.00 | 297.73 | 622.50 | 2482.51 | 0.00 |
| 20-02-2024 | 346 | 7148.50 | 6513.00 | 297.85 | 635.50 | 2473.85 | 0.00 |
| 21-02-2024 | 342 | 7157.00 | 6514.00 | 298.21 | 643.00 | 2450.06 | 0.00 |
| 22-02-2024 | 342 | 7151.50 | 6531.00 | 297.98 | 620.50 | 2442.43 | 0.00 |
| 23-02-2024 | 347 | 6736.00 | 6120.00 | 280.67 | 616.00 | 2334.65 | 0.00 |
| 24-02-2024 | 350 | 7148.50 | 6524.00 | 297.85 | 624.50 | 2499.53 | 0.00 |
| 25-02-2024 | 345 | 6972.50 | 6361.00 | 290.52 | 611.50 | 2408.14 | 0.00 |
| 26-02-2024 | 345 | 7157.00 | 6522.00 | 298.21 | 635.00 | 2468.33 | 0.00 |
| 27-02-2024 | 343 | 7155.50 | 6534.00 | 298.15 | 621.50 | 2454.38 | 0.00 |
| 28-02-2024 | 337 | 7173.00 | 6528.00 | 298.88 | 645.00 | 2419.56 | 0.00 |
| 29-02-2024 | 338 | 7160.00 | 6536.00 | 298.33 | 624.00 | 2420.69 | 0.00 |
| 01-03-2024 | 342 | 7162.50 | 6528.00 | 298.44 | 634.50 | 2450.40 | 1.27 |
| 02-03-2024 | 338 | 7174.50 | 6529.00 | 298.94 | 645.50 | 2427.24 | 0.00 |
| 03-03-2024 | 347 | 6416.50 | 5814.00 | 267.35 | 602.50 | 2228.76 | 0.00 |
| 04-03-2024 | 342 | 7141.00 | 6517.00 | 297.54 | 624.00 | 2443.99 | 0.00 |
| 05-03-2024 | 340 | 7150.50 | 6517.00 | 297.94 | 633.50 | 2428.94 | 0.17 |
| 06-03-2024 | 344 | 7150.50 | 6510.00 | 297.94 | 640.50 | 2461.47 | 0.00 |
| 07-03-2024 | 352 | 7147.00 | 6527.00 | 297.79 | 620.00 | 2518.00 | 0.00 |
| 08-03-2024 | 351 | 7158.00 | 6531.00 | 298.25 | 627.00 | 2514.46 | 0.00 |
| 09-03-2024 | 352 | 7152.00 | 6523.00 | 298.00 | 629.00 | 2519.62 | 0.00 |
| 10-03-2024 | 363 | 6369.50 | 5761.00 | 265.40 | 608.50 | 2312.54 | 0.00 |
| 11-03-2024 | 367 | 7169.00 | 6543.00 | 298.71 | 626.00 | 2630.06 | 0.00 |
| 12-03-2024 | 366 | 7169.00 | 6537.00 | 298.71 | 632.00 | 2621.87 | 0.46 |
| 13-03-2024 | 364 | 7176.50 | 6544.00 | 299.02 | 632.50 | 2609.49 | 0.00 |
| 14-03-2024 | 362 | 7190.00 | 6545.00 | 299.58 | 645.00 | 2606.13 | 0.00 |
| 15-03-2024 | 359 | 7177.00 | 6546.00 | 299.04 | 631.00 | 2578.63 | 0.00 |
| 16-03-2024 | 354 | 5711.00 | 5183.00 | 237.96 | 528.00 | 2019.97 | 66.43 |
| 17-03-2024 | 357 | 7159.50 | 6514.00 | 298.31 | 645.50 | 2558.87 | 0.00 |
| 18-03-2024 | 355 | 7150.00 | 6525.00 | 297.92 | 625.00 | 2540.37 | 0.00 |
| 19-03-2024 | 354 | 7160.00 | 6528.00 | 298.33 | 632.00 | 2537.37 | 0.00 |
| 20-03-2024 | 362 | 7171.00 | 6534.00 | 298.79 | 637.00 | 2594.27 | 0.00 |
| 21-03-2024 | 360 | 7173.50 | 6539.00 | 298.90 | 634.50 | 2581.72 | 0.00 |
| 22-03-2024 | 358 | 7193.50 | 6556.00 | 299.73 | 637.50 | 2578.38 | 0.00 |
| 23-03-2024 | 364 | 7198.50 | 6562.00 | 299.94 | 636.50 | 2620.02 | 0.00 |
| 24-03-2024 | 363 | 6410.71 | 5837.47 | 267.11 | 573.24 | 2329.46 | 0.00 |
| 25-03-2024 | 358 | 7124.81 | 6517.87 | 296.87 | 606.94 | 2551.65 | 0.00 |
| 26-03-2024 | 353 | 7186.32 | 6579.41 | 299.43 | 606.91 | 2538.69 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 27-03-2024 | 353 | 7189.90 | 6583.71 | 299.58 | 606.19 | 2534.70 | 0.00 |
| 28-03-2024 | 361 | 7001.24 | 6264.14 | 291.72 | 737.10 | 2528.66 | 0.00 |
| 29-03-2024 | 361 | 7318.49 | 6613.19 | 304.94 | 705.30 | 2642.44 | 0.00 |
| 30-03-2024 | 371 | 6626.26 | 6089.18 | 276.09 | 537.08 | 2455.22 | 17.93 |
| 31-03-2024 | 360 | 7125.23 | 6497.25 | 296.88 | 627.98 | 2565.66 | 0.00 |
| 01-04-2024 | 366 | 7240.15 | 6598.28 | 301.67 | 641.87 | 2647.91 | 0.00 |
| 02-04-2024 | 364 | 7186.53 | 6546.45 | 299.44 | 640.08 | 2612.70 | 0.00 |
| 03-04-2024 | 364 | 7091.50 | 6470.25 | 295.48 | 621.25 | 2580.18 | 0.00 |
| 04-04-2024 | 365 | 7210.26 | 6577.80 | 300.43 | 632.46 | 2632.10 | 0.00 |
| 05-04-2024 | 365 | 7148.60 | 6515.50 | 297.86 | 633.10 | 2610.93 | 0.00 |
| 06-04-2024 | 361 | 7223.19 | 6590.67 | 300.97 | 632.52 | 2611.02 | 0.00 |
| 07-04-2024 | 370 | 7152.58 | 6523.10 | 298.02 | 629.48 | 2644.53 | 0.00 |
| 08-04-2024 | 374 | 7122.01 | 6488.28 | 296.75 | 633.73 | 2665.70 | 0.00 |
| 09-04-2024 | 375 | 7118.19 | 6482.32 | 296.59 | 635.87 | 2671.43 | 0.00 |
| 10-04-2024 | 368 | 7083.61 | 6454.58 | 295.15 | 629.03 | 2605.65 | 0.00 |
| 11-04-2024 | 340 | 4371.59 | 3878.17 | 182.15 | 493.42 | 1486.05 | 157.97 |
| 12-04-2024 | 367 | 6978.67 | 6336.53 | 290.78 | 642.14 | 2560.57 | 0.38 |
| 13-04-2024 | 365 | 6686.51 | 6062.70 | 278.60 | 623.81 | 2443.54 | 0.00 |
| 14-04-2024 | 372 | 6311.96 | 5714.12 | 263.00 | 597.84 | 2351.02 | 0.00 |
| 15-04-2024 | 332 | 4715.33 | 4234.10 | 196.47 | 481.23 | 1564.78 | 128.40 |
| 16-04-2024 | 350 | 5163.63 | 4635.23 | 215.15 | 528.40 | 1808.82 | 75.46 |
| 17-04-2024 | 365 | 7166.77 | 6517.57 | 298.62 | 649.20 | 2619.04 | 1.03 |
| 18-04-2024 | 369 | 7153.53 | 6518.10 | 298.06 | 635.43 | 2638.41 | 0.17 |
| 19-04-2024 | 369 | 7117.31 | 6487.43 | 296.55 | 629.88 | 2626.24 | 0.02 |
| 20-04-2024 | 370 | 7146.03 | 6509.02 | 297.75 | 637.01 | 2642.01 | 0.00 |
| 21-04-2024 | 370 | 7145.19 | 6506.48 | 297.72 | 638.71 | 2640.18 | 0.00 |
| 22-04-2024 | 365 | 7163.35 | 6526.35 | 298.47 | 637.00 | 2615.46 | 0.00 |
| 23-04-2024 | 371 | 7151.29 | 6513.90 | 297.97 | 637.39 | 2654.22 | 0.00 |
| 24-04-2024 | 381 | 7167.31 | 6530.92 | 298.64 | 636.39 | 2731.91 | 0.00 |
| 25-04-2024 | 370 | 7043.07 | 6414.75 | 293.46 | 628.32 | 2603.71 | 0.00 |
| 26-04-2024 | 365 | 7044.13 | 6418.13 | 293.51 | 626.00 | 2569.34 | 0.00 |
| 27-04-2024 | 365 | 7169.21 | 6535.72 | 298.72 | 633.49 | 2614.34 | 0.00 |
| 28-04-2024 | 365 | 7130.41 | 6499.58 | 297.10 | 630.83 | 2604.38 | 0.62 |
| 29-04-2024 | 371 | 7136.74 | 6503.10 | 297.36 | 633.64 | 2646.74 | 0.00 |
| 30-04-2024 | 361 | 7175.81 | 6541.05 | 298.99 | 634.76 | 2593.10 | 0.00 |
| 01-05-2024 | 364 | 6817.50 | 6199.87 | 284.06 | 617.63 | 2480.76 | 0.17 |
| 02-05-2024 | 366 | 7203.83 | 6565.88 | 300.16 | 637.95 | 2637.10 | 0.00 |
| 03-05-2024 | 363 | 7204.28 | 6563.25 | 300.18 | 641.03 | 2617.06 | 0.00 |
| 04-05-2024 | 367 | 7163.54 | 6528.37 | 298.48 | 635.17 | 2629.78 | 0.00 |
| 05-05-2024 | 363 | 7229.97 | 6587.10 | 301.25 | 642.87 | 2623.30 | 0.00 |
| 06-05-2024 | 366 | 7044.78 | 6419.70 | 293.53 | 625.08 | 2578.68 | 0.00 |
| 07-05-2024 | 364 | 7125.58 | 6491.78 | 296.90 | 633.80 | 2595.07 | 0.00 |
| 08-05-2024 | 362 | 7141.56 | 6509.02 | 297.57 | 632.54 | 2587.15 | 0.00 |
| 09-05-2024 | 360 | 7169.11 | 6533.63 | 298.71 | 635.48 | 2578.58 | 0.00 |
| 10-05-2024 | 363 | 7083.58 | 6465.30 | 295.15 | 618.28 | 2573.52 | 0.00 |
| 11-05-2024 | 360 | 7181.10 | 6550.80 | 299.21 | 630.30 | 2584.32 | 0.00 |
| 12-05-2024 | 359 | 7127.16 | 6498.07 | 296.97 | 629.09 | 2561.26 | 0.36 |
| 13-05-2024 | 360 | 7089.44 | 6460.95 | 295.39 | 628.49 | 2550.12 | 0.00 |
| 14-05-2024 | 364 | 7141.72 | 6512.55 | 297.57 | 629.17 | 2599.25 | 0.00 |
| 15-05-2024 | 363 | 7145.68 | 6517.88 | 297.74 | 627.80 | 2597.35 | 0.00 |
| 16-05-2024 | 368 | 7085.19 | 6464.25 | 295.22 | 620.94 | 2604.29 | 0.00 |
| 17-05-2024 | 366 | 7157.12 | 6529.05 | 298.21 | 628.07 | 2617.80 | 0.00 |
| 18-05-2024 | 365 | 6684.68 | 6085.42 | 278.53 | 599.26 | 2441.57 | 0.00 |
| 19-05-2024 | 366 | 6312.01 | 5726.03 | 263.00 | 585.98 | 2312.28 | 0.00 |
| 20-05-2024 | 368 | 6637.66 | 6031.20 | 276.57 | 606.46 | 2443.66 | 0.00 |
| 21-05-2024 | 379 | 6462.80 | 5863.80 | 269.28 | 599.00 | 2448.05 | 0.00 |
| 22-05-2024 | 384 | 5639.34 | 5088.07 | 234.97 | 551.27 | 2163.72 | 0.00 |
| 23-05-2024 | 390 | 4475.74 | 3974.63 | 186.49 | 501.27 | 1745.38 | 0.00 |
| 24-05-2024 | 393 | 4504.76 | 4002.75 | 187.70 | 502.77 | 1769.06 | 0.00 |

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| 25-05-2024 | 379 | 5937.61 | 5369.70 | 247.40 | 568.65 | 2248.25 | 0.00 |
| 26-05-2024 | 392 | 4935.76 | 4412.77 | 205.66 | 523.75 | 1934.93 | 0.46 |
| 27-05-2024 | 378 | 6596.14 | 5989.20 | 274.84 | 607.68 | 2493.17 | 0.00 |
| 28-05-2024 | 382 | 6535.04 | 5934.00 | 272.29 | 601.78 | 2497.82 | 0.72 |
| 29-05-2024 | 374 | 6812.66 | 6197.63 | 283.86 | 615.77 | 2549.04 | 0.00 |
| 30-05-2024 | 371 | 6809.43 | 6195.60 | 283.73 | 614.57 | 2528.50 | 0.00 |
| 31-05-2024 | 368 | 7120.72 | 6502.05 | 296.70 | 619.41 | 2616.98 | 0.00 |
| 01-06-2024 | 375 | 7078.57 | 6470.47 | 294.94 | 608.84 | 2655.19 | 0.00 |
| 02-06-2024 | 372 | 6449.48 | 5864.55 | 268.73 | 585.67 | 2397.24 | 0.00 |
| 03-06-2024 | 381 | 6569.60 | 5978.48 | 273.73 | 591.88 | 2502.84 | 0.00 |
| 04-06-2024 | 375 | 6887.53 | 6282.00 | 286.98 | 606.25 | 2579.81 | 0.00 |
| 05-06-2024 | 385 | 6037.90 | 5516.32 | 251.58 | 522.32 | 2326.63 | 0.00 |
| 06-06-2024 | 388 | 5956.53 | 5438.25 | 248.19 | 519.02 | 2309.45 | 0.00 |
| 07-06-2024 | 384 | 5951.21 | 5427.38 | 247.97 | 524.57 | 2285.83 | 0.00 |
| 08-06-2024 | 378 | 5899.81 | 5376.45 | 245.83 | 524.10 | 2232.94 | 0.00 |
| 09-06-2024 | 391 | 4753.79 | 4286.92 | 198.07 | 467.61 | 1857.77 | 0.00 |
| 10-06-2024 | 388 | 5409.44 | 4913.40 | 225.39 | 496.78 | 2100.14 | 0.00 |
| 11-06-2024 | 380 | 5654.79 | 5148.30 | 235.62 | 507.23 | 2151.17 | 0.00 |
| 12-06-2024 | 376 | 5941.10 | 5421.68 | 247.55 | 520.14 | 2236.54 | 0.00 |
| 13-06-2024 | 373 | 5948.04 | 5429.17 | 247.84 | 519.61 | 2217.84 | 0.72 |
| 14-06-2024 | 370 | 6025.62 | 5494.58 | 251.07 | 531.78 | 2231.50 | 0.00 |
| 15-06-2024 | 358 | 7175.99 | 6550.57 | 299.00 | 626.16 | 2566.49 | 0.00 |
| 16-06-2024 | 372 | 6419.09 | 5826.30 | 267.46 | 593.51 | 2390.14 | 0.00 |
| 17-06-2024 | 365 | 7165.27 | 6533.93 | 298.55 | 632.06 | 2614.13 | 0.00 |
| 18-06-2024 | 361 | 7132.68 | 6509.70 | 297.20 | 623.72 | 2577.77 | 0.00 |
| 19-06-2024 | 357 | 7158.52 | 6530.32 | 298.27 | 628.94 | 2555.18 | 0.00 |
| 20-06-2024 | 364 | 6775.93 | 6179.93 | 282.33 | 596.72 | 2466.60 | 0.00 |
| 21-06-2024 | 373 | 4559.81 | 4087.65 | 189.99 | 472.92 | 1701.60 | 0.00 |
| 22-06-2024 | 377 | 4920.65 | 4446.30 | 205.03 | 475.09 | 1857.12 | 0.00 |
| 23-06-2024 | 381 | 4902.79 | 4426.65 | 204.28 | 476.88 | 1869.02 | 0.00 |
| 24-06-2024 | 377 | 5590.67 | 5079.22 | 232.94 | 547.23 | 2106.96 | 0.00 |
| 25-06-2024 | 375 | 5859.66 | 5335.28 | 244.15 | 524.38 | 2197.92 | 0.00 |
| 26-06-2024 | 376 | 5267.79 | 4768.12 | 219.49 | 500.17 | 1979.78 | 0.00 |
| 27-06-2024 | 375 | 5206.10 | 4703.03 | 216.92 | 503.83 | 1954.15 | 0.00 |
| 28-06-2024 | 378 | 5556.55 | 5039.10 | 231.52 | 518.17 | 2099.52 | 0.00 |
| 29-06-2024 | 438 | 4960.84 | 4472.32 | 206.70 | 489.26 | 2172.58 | 0.00 |
| 30-06-2024 | 380 | 4779.04 | 4295.48 | 199.13 | 484.28 | 1815.53 | 0.00 |
| 01-07-2024 | 372 | 5926.85 | 5394.60 | 246.95 | 532.97 | 2203.15 | 0.00 |
| 02-07-2024 | 370 | 5983.97 | 5448.90 | 249.33 | 535.81 | 2214.14 | 0.00 |
| 03-07-2024 | 383 | 5746.71 | 5229.00 | 239.45 | 518.43 | 2198.35 | 4.66 |
| 04-07-2024 | 452 | 20.27 | 20.10 | 0.84 | 183.29 | 9.17 | 5.23 |
| 12-07-2024 | 379 | 1465.90 | 1347.52 | 61.08 | 231.16 | 556.10 | 82.61 |
| 13-07-2024 | 380 | 5803.75 | 5343.00 | 241.82 | 461.49 | 2203.30 | 0.00 |
| 14-07-2024 | 385 | 4814.15 | 4369.73 | 200.59 | 445.16 | 1853.47 | 0.00 |
| 15-07-2024 | 375 | 5871.90 | 5337.37 | 244.66 | 535.25 | 2202.74 | 0.00 |
| 16-07-2024 | 379 | 5713.93 | 5193.23 | 238.08 | 521.44 | 2164.13 | 0.00 |
| 17-07-2024 | 379 | 5499.88 | 4989.97 | 229.16 | 510.63 | 2082.24 | 0.34 |
| 18-07-2024 | 382 | 4892.59 | 4409.03 | 203.86 | 484.30 | 1869.91 | 0.48 |
| 19-07-2024 | 379 | 5043.73 | 4556.17 | 210.16 | 488.12 | 1913.64 | 0.00 |
| 20-07-2024 | 382 | 5746.80 | 5225.48 | 239.45 | 521.32 | 2193.62 | 0.00 |
| 21-07-2024 | 379 | 5825.30 | 5296.35 | 242.72 | 528.95 | 2207.78 | 0.00 |
| 22-07-2024 | 367 | 7067.12 | 6428.02 | 294.46 | 639.10 | 2591.69 | 0.00 |
| 23-07-2024 | 364 | 7069.18 | 6429.98 | 294.55 | 639.20 | 2574.60 | 0.00 |
| 24-07-2024 | 366 | 7113.50 | 6476.10 | 296.40 | 637.40 | 2601.72 | 0.00 |
| 25-07-2024 | 364 | 7142.26 | 6487.65 | 297.59 | 654.61 | 2597.88 | 0.00 |
| 26-07-2024 | 363 | 7073.98 | 6421.57 | 294.75 | 652.41 | 2569.37 | 0.00 |
| 27-07-2024 | 365 | 7119.97 | 6471.38 | 296.67 | 648.59 | 2601.53 | 0.41 |
| 28-07-2024 | 367 | 6511.32 | 5893.42 | 271.31 | 617.90 | 2387.02 | 0.00 |
| 29-07-2024 | 364 | 7103.72 | 6458.10 | 295.99 | 645.62 | 2582.88 | 0.00 |

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| 30-07-2024 | 365 | 6589.54 | 5965.28 | 274.56 | 624.26 | 2403.50 | 0.00 |
| 31-07-2024 | 361 | 7027.80 | 6386.77 | 292.83 | 641.03 | 2535.17 | 0.00 |
| 01-08-2024 | 365 | 7103.48 | 6467.48 | 295.98 | 636.00 | 2594.47 | 0.00 |
| 02-08-2024 | 362 | 7176.92 | 6532.80 | 299.04 | 644.12 | 2599.39 | 0.00 |
| 03-08-2024 | 368 | 6946.56 | 6313.87 | 289.44 | 632.69 | 2558.18 | 0.00 |
| 04-08-2024 | 367 | 7017.28 | 6381.75 | 292.39 | 635.53 | 2573.83 | 0.00 |
| 05-08-2024 | 365 | 7150.78 | 6510.38 | 297.95 | 640.40 | 2610.58 | 0.00 |
| 06-08-2024 | 366 | 7095.08 | 6457.05 | 295.63 | 638.03 | 2598.02 | 0.00 |
| 07-08-2024 | 363 | 7164.20 | 6520.87 | 298.51 | 643.33 | 2601.12 | 0.00 |
| 08-08-2024 | 367 | 7111.58 | 6473.70 | 296.32 | 637.88 | 2610.77 | 0.00 |
| 09-08-2024 | 366 | 7134.46 | 6490.35 | 297.27 | 644.11 | 2609.57 | 0.00 |
| 10-08-2024 | 364 | 7128.52 | 6481.28 | 297.02 | 647.24 | 2596.01 | 0.00 |
| 11-08-2024 | 365 | 7114.61 | 6473.40 | 296.44 | 641.21 | 2600.30 | 0.00 |
| 12-08-2024 | 369 | 7123.23 | 6484.35 | 296.80 | 638.88 | 2625.84 | 0.62 |
| 13-08-2024 | 371 | 7129.61 | 6484.20 | 297.07 | 645.41 | 2645.11 | 0.00 |
| 14-08-2024 | 368 | 7155.73 | 6504.45 | 298.16 | 652.04 | 2630.59 | 0.00 |
| 15-08-2024 | 372 | 7096.62 | 6454.05 | 295.69 | 643.31 | 2636.95 | 0.00 |
| 16-08-2024 | 363 | 7189.54 | 6541.05 | 299.56 | 649.25 | 2608.63 | 0.00 |
| 17-08-2024 | 369 | 6476.60 | 5867.92 | 269.86 | 609.44 | 2388.89 | 0.00 |
| 18-08-2024 | 385 | 5252.31 | 4696.20 | 218.85 | 556.89 | 2021.47 | 0.00 |
| 19-08-2024 | 394 | 4894.61 | 4353.98 | 203.94 | 541.39 | 1928.11 | 0.00 |
| 20-08-2024 | 374 | 6654.74 | 6032.32 | 277.28 | 623.20 | 2485.56 | 0.00 |
| 21-08-2024 | 373 | 6936.31 | 6300.08 | 289.01 | 636.99 | 2584.61 | 0.00 |
| 22-08-2024 | 378 | 6284.28 | 5687.17 | 261.85 | 597.89 | 2373.00 | 20.09 |
| 23-08-2024 | 376 | 7105.50 | 6459.75 | 296.06 | 646.51 | 2671.68 | 1.06 |
| 24-08-2024 | 370 | 7118.68 | 6474.45 | 296.61 | 644.97 | 2633.93 | 0.00 |
| 25-08-2024 | 377 | 6562.92 | 5951.48 | 273.46 | 612.20 | 2473.66 | 0.00 |
| 26-08-2024 | 372 | 7138.64 | 6499.80 | 297.44 | 639.60 | 2653.56 | 0.00 |
| 27-08-2024 | 377 | 7153.43 | 6514.50 | 298.06 | 639.67 | 2698.66 | 0.58 |
| 28-08-2024 | 368 | 7190.34 | 6549.45 | 299.60 | 641.65 | 2646.43 | 0.00 |
| 29-08-2024 | 377 | 7121.44 | 6494.25 | 296.73 | 627.93 | 2687.11 | 0.00 |
| 30-08-2024 | 366 | 7174.11 | 6540.67 | 298.92 | 634.20 | 2627.66 | 0.00 |
| 31-08-2024 | 365 | 6843.67 | 6225.53 | 285.15 | 618.90 | 2494.49 | 0.00 |
| 01-09-2024 | 367 | 6319.62 | 5728.50 | 263.32 | 591.86 | 2316.14 | 0.00 |
| 02-09-2024 | 364 | 6899.02 | 6279.45 | 287.46 | 620.33 | 2514.02 | 0.00 |
| 03-09-2024 | 362 | 7074.68 | 6445.35 | 294.78 | 630.07 | 2562.62 | 0.00 |
| 04-09-2024 | 365 | 7107.54 | 6491.02 | 296.15 | 617.28 | 2594.21 | 0.00 |
| 05-09-2024 | 366 | 7149.52 | 6518.48 | 297.90 | 631.78 | 2615.52 | 0.00 |
| 06-09-2024 | 363 | 7175.77 | 6540.55 | 298.99 | 635.98 | 2607.53 | 0.00 |
| 07-09-2024 | 359 | 7240.64 | 6601.85 | 301.69 | 639.53 | 2601.70 | 0.00 |
| 08-09-2024 | 372 | 6262.67 | 5672.40 | 260.94 | 591.03 | 2327.23 | 0.00 |
| 09-09-2024 | 363 | 7128.62 | 6496.65 | 297.03 | 632.71 | 2588.78 | 0.00 |
| 10-09-2024 | 361 | 7200.52 | 6565.95 | 300.02 | 635.31 | 2596.82 | 0.00 |
| 11-09-2024 | 364 | 7140.81 | 6509.92 | 297.53 | 631.65 | 2597.02 | 0.00 |
| 12-09-2024 | 361 | 7169.98 | 6535.43 | 298.75 | 635.29 | 2590.66 | 0.00 |
| 13-09-2024 | 361 | 7203.22 | 6565.42 | 300.13 | 638.56 | 2597.28 | 0.00 |
| 14-09-2024 | 367 | 7173.83 | 6539.18 | 298.91 | 685.17 | 2630.26 | 0.36 |
| 15-09-2024 | 363 | 7003.00 | 6372.07 | 291.79 | 630.93 | 2540.66 | 0.00 |
| 16-09-2024 | 364 | 6827.26 | 6210.90 | 284.47 | 616.36 | 2487.79 | 0.00 |
| 17-09-2024 | 371 | 6872.76 | 6253.20 | 286.37 | 619.72 | 2547.84 | 0.00 |
| 18-09-2024 | 361 | 6999.63 | 6369.08 | 291.65 | 631.31 | 2524.32 | 0.00 |
| 19-09-2024 | 361 | 7097.47 | 6467.92 | 295.73 | 630.29 | 2562.98 | 0.00 |
| 20-09-2024 | 360 | 7158.10 | 6521.33 | 298.25 | 637.51 | 2577.86 | 0.00 |
| 21-09-2024 | 370 | 5992.27 | 5403.52 | 249.68 | 589.51 | 2214.12 | 0.00 |
| 22-09-2024 | 381 | 5023.36 | 4472.33 | 209.31 | 551.79 | 1913.66 | 0.00 |
| 23-09-2024 | 399 | 3812.30 | 3315.37 | 158.85 | 497.69 | 1519.61 | 0.00 |
| 24-09-2024 | 379 | 4999.51 | 4457.85 | 208.31 | 542.44 | 1897.25 | 0.00 |
| 25-09-2024 | 367 | 7172.45 | 6541.28 | 298.85 | 601.91 | 2629.56 | 0.00 |
| 26-09-2024 | 372 | 7157.51 | 6522.82 | 298.23 | 665.43 | 2663.23 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 27-09-2024 | 372 | 6902.90 | 6278.70 | 287.62 | 624.98 | 2570.78 | 0.00 |
| 28-09-2024 | 370 | 7129.89 | 6499.13 | 297.08 | 631.52 | 2637.60 | 0.00 |
| 29-09-2024 | 372 | 6740.98 | 6124.20 | 280.87 | 617.54 | 2510.57 | 0.84 |
| 30-09-2024 | 375 | 7124.43 | 6489.82 | 296.85 | 635.37 | 2674.03 | 0.07 |
| 01-10-2024 | 364 | 7210.67 | 6574.88 | 300.44 | 636.57 | 2623.56 | 0.00 |
| 02-10-2024 | 367 | 7172.76 | 6539.55 | 298.87 | 633.97 | 2631.10 | 0.00 |
| 03-10-2024 | 365 | 7169.98 | 6538.80 | 298.75 | 631.92 | 2618.98 | 0.00 |
| 04-10-2024 | 364 | 6819.59 | 6197.77 | 284.15 | 622.58 | 2482.61 | 14.74 |
| 05-10-2024 | 365 | 7134.79 | 6498.75 | 297.28 | 636.80 | 2603.47 | 0.00 |
| 06-10-2024 | 363 | 7040.10 | 6408.08 | 293.34 | 632.76 | 2557.68 | 0.00 |
| 07-10-2024 | 361 | 7152.00 | 6518.17 | 298.00 | 634.61 | 2580.07 | 0.00 |
| 08-10-2024 | 366 | 7118.84 | 6487.73 | 296.62 | 631.87 | 2605.61 | 0.00 |
| 09-10-2024 | 366 | 7174.75 | 6506.60 | 298.95 | 668.91 | 2624.86 | 0.00 |
| 10-10-2024 | 370 | 7151.36 | 6548.65 | 297.97 | 603.49 | 2645.16 | 0.00 |
| 11-10-2024 | 372 | 7162.10 | 6528.90 | 298.42 | 633.96 | 2664.62 | 0.00 |
| 12-10-2024 | 373 | 6996.91 | 6369.30 | 291.54 | 628.37 | 2608.37 | 0.31 |
| 13-10-2024 | 372 | 6946.33 | 6321.82 | 289.43 | 625.27 | 2582.30 | 0.00 |
| 14-10-2024 | 370 | 7061.54 | 6431.85 | 294.23 | 630.45 | 2615.45 | 0.00 |
| 15-10-2024 | 377 | 7172.56 | 6536.63 | 298.86 | 636.69 | 2707.20 | 0.00 |
| 16-10-2024 | 376 | 7222.02 | 6580.27 | 300.92 | 642.51 | 2717.93 | 0.00 |
| 17-10-2024 | 375 | 6416.60 | 5810.18 | 267.36 | 607.18 | 2403.62 | 0.00 |
| 18-10-2024 | 361 | 7164.38 | 6523.87 | 298.52 | 641.23 | 2585.40 | 0.00 |
| 19-10-2024 | 360 | 7136.39 | 6503.48 | 297.35 | 633.65 | 2571.91 | 0.00 |
| 20-10-2024 | 353 | 7123.25 | 6485.70 | 296.80 | 638.29 | 2515.51 | 0.00 |
| 21-10-2024 | 357 | 7139.00 | 6499.72 | 297.46 | 640.06 | 2548.82 | 0.00 |
| 22-10-2024 | 367 | 7146.85 | 6510.38 | 297.79 | 637.25 | 2621.06 | 0.00 |
| 23-10-2024 | 369 | 7026.47 | 6393.45 | 292.77 | 633.80 | 2595.86 | 0.00 |
| 24-10-2024 | 366 | 7173.76 | 6535.57 | 298.91 | 638.95 | 2628.10 | 0.00 |
| 25-10-2024 | 358 | 7210.73 | 6569.93 | 300.45 | 641.56 | 2577.86 | 0.00 |
| 26-10-2024 | 361 | 6818.30 | 6190.35 | 284.10 | 628.73 | 2460.14 | 0.00 |
| 27-10-2024 | 372 | 6500.58 | 5894.10 | 270.86 | 607.24 | 2415.17 | 0.00 |
| 28-10-2024 | 365 | 7221.12 | 6582.97 | 300.88 | 638.91 | 2635.85 | 0.67 |
| 29-10-2024 | 363 | 7128.58 | 6504.15 | 297.02 | 625.21 | 2589.89 | 0.00 |
| 30-10-2024 | 372 | 7181.85 | 6536.33 | 299.24 | 646.30 | 2674.13 | 0.00 |
| 31-10-2024 | 377 | 7094.17 | 6446.17 | 295.59 | 648.78 | 2674.99 | 0.00 |
| 01-11-2024 | 365 | 7175.79 | 6524.33 | 298.99 | 652.22 | 2620.92 | 0.00 |
| 02-11-2024 | 366 | 6790.35 | 6159.74 | 282.93 | 631.37 | 2484.05 | 0.00 |
| 03-11-2024 | 368 | 5882.24 | 5292.23 | 245.09 | 590.77 | 2162.38 | 0.00 |
| 04-11-2024 | 363 | 7194.68 | 6542.70 | 299.78 | 652.76 | 2610.62 | 0.00 |
| 05-11-2024 | 367 | 7235.72 | 6582.45 | 301.49 | 654.03 | 2658.89 | 0.00 |
| 06-11-2024 | 376 | 7156.63 | 6502.88 | 298.19 | 654.53 | 2691.79 | 0.00 |
| 07-11-2024 | 368 | 7235.58 | 6580.50 | 301.48 | 655.86 | 2660.33 | 0.00 |
| 08-11-2024 | 364 | 7228.65 | 6573.82 | 301.19 | 655.59 | 2630.35 | 0.00 |
| 09-11-2024 | 371 | 7038.74 | 6394.58 | 293.28 | 644.92 | 2608.03 | 0.00 |
| 10-11-2024 | 384 | 6218.46 | 5610.22 | 259.10 | 609.00 | 2386.01 | 0.00 |
| 11-11-2024 | 373 | 7195.28 | 6538.88 | 299.80 | 657.16 | 2680.87 | 0.00 |
| 12-11-2024 | 373 | 7123.39 | 6473.70 | 296.81 | 650.45 | 2659.78 | 0.43 |
| 13-11-2024 | 367 | 7181.68 | 6530.47 | 299.24 | 651.95 | 2633.74 | 0.00 |
| 14-11-2024 | 369 | 6494.75 | 5877.30 | 270.61 | 618.21 | 2397.82 | 0.00 |
| 15-11-2024 | 367 | 6092.55 | 5495.63 | 253.86 | 597.68 | 2234.95 | 0.00 |
| 16-11-2024 | 364 | 5894.41 | 5305.65 | 245.60 | 589.50 | 2146.44 | 0.00 |
| 17-11-2024 | 365 | 6466.59 | 5856.52 | 269.44 | 610.81 | 2361.67 | 0.00 |
| 18-11-2024 | 362 | 7152.19 | 6507.08 | 298.01 | 645.85 | 2585.62 | 0.00 |
| 19-11-2024 | 363 | 7203.21 | 6549.45 | 300.13 | 654.52 | 2616.74 | 0.00 |
| 20-11-2024 | 368 | 7205.88 | 6556.57 | 300.25 | 650.05 | 2649.60 | 0.00 |
| 21-11-2024 | 372 | 7202.98 | 6556.35 | 300.12 | 647.37 | 2675.90 | 0.00 |
| 22-11-2024 | 373 | 7150.61 | 6509.33 | 297.94 | 642.04 | 2668.25 | 0.00 |
| 23-11-2024 | 374 | 7146.31 | 6507.07 | 297.76 | 639.98 | 2673.70 | 0.00 |
| 24-11-2024 | 373 | 6254.40 | 5649.83 | 260.60 | 605.33 | 2331.07 | 0.00 |

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| 25-11-2024 | 371 | 5973.62 | 5383.20 | 248.90 | 591.18 | 2214.82 | 0.00 |
| 26-11-2024 | 379 | 5595.29 | 5021.25 | 233.14 | 574.80 | 2120.93 | 0.00 |
| 27-11-2024 | 377 | 4879.26 | 4337.32 | 203.30 | 542.70 | 1839.96 | 0.00 |
| 28-11-2024 | 375 | 5004.84 | 4458.15 | 208.54 | 547.45 | 1875.36 | 0.00 |
| 29-11-2024 | 378 | 5117.35 | 4568.48 | 213.22 | 549.61 | 1933.80 | 0.00 |
| 30-11-2024 | 383 | 4637.82 | 4103.40 | 193.24 | 535.16 | 1774.37 | 0.00 |
| 01-12-2024 | 388 | 4528.28 | 4000.2 | 188.68 | 528.86 | 1755.792 | 0 |
| 02-12-2024 | 386 | 5018.95 | 4470.22 | 209.12 | 549.49 | 1935.792 | 0 |
| 03-12-2024 | 380 | 5224.79 | 4669.13 | 217.70 | 556.4 | 1982.856 | 0 |
| 04-12-2024 | 377 | 5415.91 | 4850.02 | 225.66 | 566.65 | 2042.28 | 0 |
| 05-12-2024 | 374 | 5304.04 | 4743.38 | 221.00 | 561.42 | 1984.128 | 0 |
| 06-12-2024 | 378 | 5358.94 | 4794.37 | 223.29 | 565.33 | 2028 | 0 |
| 07-12-2024 | 371 | 5189.12 | 4631.03 | 216.21 | 558.85 | 1923.072 | 0 |
| 08-12-2024 | 371 | 4841.45 | 4300.42 | 201.73 | 541.79 | 1797.264 | 0 |
| 09-12-2024 | 366 | 5829.78 | 5244.6 | 242.91 | 585.92 | 2131.536 | 0 |
| 10-12-2024 | 361 | 6017.83 | 5424.6 | 250.74 | 593.99 | 2171.664 | 0 |
| 11-12-2024 | 358 | 6521.08 | 5904.75 | 271.71 | 617.09 | 2336.016 | 0 |
| 12-12-2024 | 354 | 6640.93 | 6020.4 | 276.71 | 621.29 | 2351.016 | 0.552 |
| 13-12-2024 | 356 | 6930.71 | 6293.78 | 288.78 | 637.67 | 2465.568 | 0 |
| 14-12-2024 | 369 | 4734.1 | 4196.1 | 197.25 | 538.78 | 1745.832 | 0 |
| 15-12-2024 | 377 | 4759.52 | 4224.45 | 198.31 | 535.83 | 1795.008 | 0 |
| 16-12-2024 | 363 | 5673.44 | 5093.32 | 236.39 | 580.88 | 2061.696 | 0 |
| 17-12-2024 | 362 | 5861.85 | 5272.05 | 244.24 | 590.56 | 2122.632 | 0 |
| 18-12-2024 | 362 | 5817.11 | 5234.18 | 242.38 | 583.69 | 2107.968 | 0 |
| 19-12-2024 | 360 | 6617.06 | 5998.2 | 275.71 | 619.6 | 2381.664 | 0 |
| 20-12-2024 | 371 | 6603.05 | 5980.72 | 275.13 | 623.07 | 2449.344 | 0 |
| 21-12-2024 | 392 | 5221.4 | 4711.58 | 217.56 | 510.58 | 2047.824 | 0 |
| 22-12-2024 | 381 | 5688.78 | 5129.32 | 237.03 | 560.2 | 2164.8 | 0 |
| 23-12-2024 | 362 | 7121.95 | 6480.38 | 296.75 | 642.33 | 2576.16 | 0 |
| 24-12-2024 | 360 | 7145.31 | 6508.12 | 297.72 | 637.97 | 2569.32 | 0 |
| 25-12-2024 | 363 | 6160.69 | 5576.48 | 256.70 | 584.97 | 2235.456 | 0 |
| 26-12-2024 | 359 | 7040.1 | 6388 | 293.34 | 652.86 | 2529.792 | 0 |
| 27-12-2024 | 357 | 7131.56 | 6481.25 | 297.15 | 651.05 | 2545.2 | 0.432 |
| 28-12-2024 | 357 | 7143.79 | 6495.6 | 297.66 | 648.95 | 2550.528 | 0 |
| 29-12-2024 | 360 | 6796.93 | 6163.42 | 283.21 | 634.27 | 2445.144 | 0 |
| 30-12-2024 | 362 | 7112.77 | 6470.4 | 296.37 | 643.13 | 2574.264 | 0 |
| 31-12-2024 | 358 | 7164.97 | 6524.85 | 298.54 | 640.9 | 2568.48 | 0.216 |
| 01-01-2025 | 365 | 7100.28 | 6465.23 | 295.85 | 635.81 | 2592.67 | 0.00 |
| 02-01-2025 | 365 | 7078.07 | 6440.32 | 294.92 | 638.51 | 2583.36 | 0.00 |
| 03-01-2025 | 360 | 7174.14 | 6529.80 | 298.92 | 645.10 | 2581.78 | 0.00 |
| 04-01-2025 | 356 | 7216.62 | 6575.18 | 300.69 | 642.18 | 2566.82 | 0.00 |
| 05-01-2025 | 363 | 6646.93 | 6027.90 | 276.96 | 619.79 | 2411.30 | 0.00 |
| 06-01-2025 | 362 | 7146.58 | 6500.47 | 297.77 | 646.87 | 2587.37 | 0.00 |
| 07-01-2025 | 363 | 7242.18 | 6609.23 | 301.76 | 633.73 | 2626.75 | 0.00 |
| 08-01-2025 | 363 | 7217.59 | 6576.30 | 300.73 | 642.10 | 2616.74 | 0.00 |
| 09-01-2025 | 364 | 7142.63 | 6501.30 | 297.61 | 642.04 | 2600.95 | 0.00 |
| 10-01-2025 | 358 | 7183.06 | 6533.17 | 299.29 | 650.65 | 2572.70 | 0.00 |
| 11-01-2025 | 361 | 7131.50 | 6489.23 | 297.15 | 643.01 | 2577.43 | 0.00 |
| 12-01-2025 | 361 | 7165.09 | 6520.50 | 298.55 | 645.33 | 2583.67 | 0.00 |
| 13-01-2025 | 361 | 6417.83 | 5810.40 | 267.41 | 608.19 | 2317.27 | 0.00 |
| 14-01-2025 | 356 | 7142.42 | 6498.97 | 297.60 | 644.21 | 2545.56 | 0.00 |
| 15-01-2025 | 368 | 7109.75 | 6464.55 | 296.24 | 645.96 | 2614.97 | 0.00 |
| 16-01-2025 | 356 | 7352.27 | 6688.88 | 306.34 | 664.17 | 2617.80 | 0.00 |
| 17-01-2025 | 372 | 6954.75 | 6327.90 | 289.78 | 627.57 | 2588.93 | 0.00 |
| 18-01-2025 | 362 | 7007.19 | 6367.12 | 291.97 | 640.83 | 2535.00 | 0.00 |
| 19-01-2025 | 367 | 6727.96 | 6109.04 | 280.33 | 619.68 | 2470.27 | 0.00 |
| 20-01-2025 | 398 | 6400.41 | 5789.34 | 266.68 | 611.83 | 2545.75 | 0.00 |
| 21-01-2025 | 367 | 6567.98 | 5964.75 | 273.67 | 603.97 | 2410.87 | 5.86 |
| 27-01-2025 | 369 | 4601.49 | 4195.12 | 191.73 | 478.93 | 1698.17 | 61.34 |

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| 28-01-2025 | 372 | 6970.43 | 6328.20 | 290.43 | 643.17 | 2590.39 | 0.00 |
| 29-01-2025 | 365 | 7123.22 | 6479.25 | 296.80 | 643.97 | 2598.17 | 0.00 |
| 30-01-2025 | 361 | 7080.04 | 6434.55 | 295.00 | 645.49 | 2558.54 | 0.00 |
| 31-01-2025 | 363 | 7148.89 | 6504.00 | 297.87 | 644.89 | 2593.27 | 0.00 |
| 01-02-2025 | 360 | 6773.65 | 6143.85 | 282.24 | 629.80 | 2440.06 | 0.00 |
| 02-02-2025 | 367 | 6262.81 | 5655.60 | 260.95 | 607.21 | 2297.47 | 0.00 |
| 03-02-2025 | 360 | 7107.43 | 6453.98 | 296.14 | 653.45 | 2558.14 | 0.00 |
| 04-02-2025 | 366 | 6208.44 | 5609.32 | 258.69 | 599.12 | 2275.06 | 4.13 |
| 05-02-2025 | 356 | 7146.14 | 6494.78 | 297.76 | 651.36 | 2542.30 | 0.02 |
| 06-02-2025 | 359 | 7046.47 | 6397.95 | 293.60 | 648.52 | 2528.09 | 0.00 |
| 07-02-2025 | 353 | 7130.24 | 6480.82 | 297.09 | 649.42 | 2516.38 | 0.00 |
| 08-02-2025 | 360 | 6879.88 | 6246.08 | 286.66 | 633.80 | 2478.55 | 0.00 |
| 09-02-2025 | 356 | 3085.34 | 2792.32 | 128.56 | 293.02 | 1097.14 | 0.00 |
| 14-02-2025 | 366 | 5886.57 | 5378.78 | 245.27 | 556.79 | 2155.34 | 41.50 |
| 15-02-2025 | 361 | 7122.00 | 6452.77 | 296.75 | 676.34 | 2567.50 | 0.00 |
| 16-02-2025 | 367 | 6467.57 | 5826.38 | 269.48 | 641.19 | 2371.15 | 0.00 |
| 17-02-2025 | 364 | 7113.06 | 6440.77 | 296.38 | 672.29 | 2586.96 | 0.00 |
| 18-02-2025 | 361 | 7155.59 | 6494.85 | 298.15 | 660.74 | 2583.98 | 0.00 |
| 19-02-2025 | 364 | 7138.79 | 6487.50 | 297.45 | 651.29 | 2596.22 | 0.00 |
| 20-02-2025 | 364 | 7133.09 | 6482.70 | 297.21 | 650.39 | 2598.62 | 0.00 |
| 21-02-2025 | 362 | 7126.48 | 6477.98 | 296.94 | 648.50 | 2582.90 | 0.00 |
| 22-02-2025 | 364 | 7133.14 | 6483.67 | 297.21 | 649.47 | 2599.61 | 0.00 |
| 23-02-2025 | 370 | 6426.08 | 5805.53 | 267.75 | 620.55 | 2379.84 | 0.00 |
| 24-02-2025 | 367 | 7136.77 | 6492.15 | 297.37 | 644.62 | 2617.20 | 0.00 |
| 25-02-2025 | 363 | 7154.54 | 6502.42 | 298.11 | 652.12 | 2594.42 | 0.00 |
| 26-02-2025 | 362 | 7131.75 | 6489.90 | 297.16 | 641.85 | 2583.17 | 0.00 |
| 27-02-2025 | 361 | 7157.31 | 6512.40 | 298.22 | 644.91 | 2580.65 | 0.53 |
| 28-02-2025 | 360 | 7252.14 | 6597.68 | 302.17 | 654.46 | 2608.22 | 0.00 |
| 01-03-2025 | 370 | 7011.03 | 6376.12 | 292.13 | 634.91 | 2593.54 | 0.00 |
| 02-03-2025 | 371 | 6101.80 | 5504.03 | 254.24 | 597.77 | 2266.37 | 0.00 |
| 03-03-2025 | 363 | 7133.05 | 6485.55 | 297.21 | 647.50 | 2591.18 | 0.00 |
| 04-03-2025 | 367 | 7094.88 | 6487.72 | 295.62 | 607.16 | 2603.40 | 0.00 |
| 05-03-2025 | 365 | 7146.34 | 6544.35 | 297.76 | 601.99 | 2611.78 | 0.00 |
| 06-03-2025 | 371 | 7139.02 | 6537.68 | 297.46 | 601.34 | 2649.26 | 0.00 |
| 07-03-2025 | 370 | 7100.05 | 6481.87 | 295.84 | 618.18 | 2627.23 | 0.00 |
| 08-03-2025 | 359 | 7147.68 | 6500.70 | 297.82 | 646.98 | 2564.35 | 0.00 |
| 09-03-2025 | 364 | 6161.79 | 5563.35 | 256.74 | 598.44 | 2244.60 | 0.00 |
| 10-03-2025 | 362 | 7106.76 | 6463.65 | 296.12 | 643.11 | 2575.90 | 0.00 |
| 11-03-2025 | 362 | 7139.20 | 6490.95 | 297.47 | 648.25 | 2587.39 | 0.00 |
| 12-03-2025 | 362 | 7012.43 | 6366.53 | 292.18 | 645.90 | 2538.17 | 0.62 |
| 13-03-2025 | 367 | 6250.81 | 5643.00 | 260.45 | 607.81 | 2295.60 | 0.00 |
| 14-03-2025 | 364 | 7135.43 | 6486.52 | 297.31 | 648.91 | 2596.73 | 0.00 |
| 15-03-2025 | 367 | 6760.56 | 6127.43 | 281.69 | 633.13 | 2483.86 | 0.00 |
| 16-03-2025 | 369 | 6875.81 | 6240.07 | 286.49 | 635.74 | 2539.42 | 0.00 |
| 17-03-2025 | 371 | 7171.08 | 6520.73 | 298.80 | 650.35 | 2658.58 | 0.00 |
| 18-03-2025 | 365 | 7167.19 | 6517.72 | 298.63 | 649.47 | 2618.69 | 0.00 |
| 19-03-2025 | 363 | 7192.60 | 6545.70 | 299.69 | 646.90 | 2611.39 | 0.00 |
| 20-03-2025 | 372 | 7063.81 | 6425.95 | 294.33 | 637.86 | 2626.15 | 0.00 |
| 21-03-2025 | 355 | 7225.74 | 6560.08 | 301.07 | 665.66 | 2567.23 | 0.05 |
| 22-03-2025 | 363 | 7100.51 | 6455.17 | 295.85 | 645.34 | 2578.58 | 0.00 |
| 23-03-2025 | 363 | 6531.44 | 5904.53 | 272.14 | 626.91 | 2369.06 | 0.00 |
| 24-03-2025 | 366 | 7129.46 | 6480.75 | 297.06 | 648.71 | 2605.90 | 0.00 |
| 25-03-2025 | 363 | 7138.38 | 6487.72 | 297.43 | 650.66 | 2594.52 | 0.00 |
| 26-03-2025 | 363 | 7156.41 | 6503.25 | 298.18 | 653.16 | 2595.26 | 0.00 |
| 27-03-2025 | 361 | 7132.02 | 6484.35 | 297.17 | 647.67 | 2575.42 | 0.41 |
| 28-03-2025 | 369 | 7187.52 | 6531.90 | 299.48 | 655.62 | 2653.63 | 0.00 |
| 29-03-2025 | 366 | 7011.68 | 6364.80 | 292.15 | 646.88 | 2563.63 | 0.00 |
| 30-03-2025 | 371 | 6367.51 | 5750.40 | 265.31 | 617.11 | 2359.68 | 0.00 |
| 31-03-2025 | 363 | 7148.28 | 6494.70 | 297.85 | 653.58 | 2594.33 | 0.00 |

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| 01-04-2025 | 368 | 7135.67 | 6481.88 | 297.32 | 653.79 | 2624.35 | 0.00 |
| 02-04-2025 | 365 | 7133.15 | 6477.30 | 297.21 | 655.85 | 2600.26 | 0.00 |
| 03-04-2025 | 362 | 7172.56 | 6517.35 | 298.86 | 655.21 | 2593.18 | 0.00 |
| 04-04-2025 | 361 | 7135.12 | 6502.12 | 298.13 | 653.00 | 2584.97 | 0.00 |
| 05-04-2025 | 369 | 6714.21 | 6078.38 | 279.76 | 635.83 | 2478.17 | 0.00 |
| 06-04-2025 | 372 | 6303.48 | 5687.40 | 262.65 | 616.08 | 2341.90 | 0.00 |
| 07-04-2025 | 367 | 6886.03 | 6244.27 | 286.92 | 641.76 | 2524.10 | 0.00 |
| 08-04-2025 | 366 | 6955.87 | 6316.43 | 289.83 | 639.44 | 2546.45 | 0.00 |
| 09-04-2025 | 364 | 7163.36 | 6509.17 | 298.47 | 654.19 | 2604.70 | 0.00 |
| 10-04-2025 | 370 | 6920.81 | 6279.75 | 288.37 | 641.06 | 2562.46 | 0.00 |
| 11-04-2025 | 389 | 4601.49 | 4068.83 | 191.73 | 532.66 | 1790.02 | 0.00 |
| 12-04-2025 | 379 | 5408.45 | 4839.60 | 225.35 | 568.85 | 2051.42 | 0.00 |
| 13-04-2025 | 382 | 6111.09 | 5512.42 | 254.63 | 598.67 | 2334.05 | 0.00 |
| 14-04-2025 | 373 | 6143.19 | 5544.45 | 255.97 | 598.74 | 2292.65 | 0.00 |
| 15-04-2025 | 368 | 6123.52 | 5523.53 | 255.15 | 599.99 | 2254.61 | 0.00 |
| 16-04-2025 | 377 | 6095.64 | 5498.92 | 253.99 | 596.72 | 2299.22 | 0.00 |
| 17-04-2025 | 367 | 6718.73 | 6098.63 | 279.95 | 620.10 | 2462.62 | 0.00 |
| 18-04-2025 | 370 | 6668.69 | 6052.42 | 277.86 | 616.27 | 2469.55 | 0.00 |
| 19-04-2025 | 369 | 6569.68 | 5958.08 | 273.74 | 611.60 | 2426.28 | 0.00 |
| 20-04-2025 | 372 | 6372.77 | 5763.60 | 265.53 | 609.17 | 2370.94 | 0.00 |
| 21-04-2025 | 364 | 7093.44 | 6447.90 | 295.56 | 645.54 | 2582.52 | 0.00 |
| 22-04-2025 | 364 | 7080.37 | 6435.37 | 295.02 | 645.00 | 2575.03 | 0.00 |
| 23-04-2025 | 369 | 7014.25 | 6376.80 | 292.26 | 637.45 | 2584.90 | 0.00 |
| 24-04-2025 | 375 | 7096.74 | 6465.83 | 295.70 | 630.91 | 2663.42 | 0.00 |
| 25-04-2025 | 370 | 7205.46 | 6557.47 | 300.23 | 647.99 | 2662.42 | 0.00 |
| 26-04-2025 | 377 | 6885.55 | 6256.88 | 286.90 | 628.67 | 2598.91 | 0.00 |
| 27-04-2025 | 376 | 6233.88 | 5632.65 | 259.75 | 601.23 | 2345.93 | 0.41 |
| 28-04-2025 | 370 | 7025.17 | 6389.40 | 292.72 | 635.77 | 2599.18 | 0.00 |
| 29-04-2025 | 365 | 6800.92 | 6168.45 | 283.37 | 632.47 | 2481.94 | 0.00 |
| 30-04-2025 | 367 | 6945.00 | 6313.27 | 289.38 | 631.73 | 2545.75 | 0.00 |
| 01-05-2025 | 371 | 5391.78 | 4829.48 | 224.66 | 562.30 | 2002.75 | 0.00 |
| 02-05-2025 | 368 | 6263.33 | 5660.92 | 260.97 | 602.41 | 2305.42 | 0.00 |
| 03-05-2025 | 370 | 5596.22 | 5027.48 | 233.18 | 568.74 | 2068.49 | 0.00 |
| 04-05-2025 | 376 | 5205.92 | 4654.95 | 216.91 | 550.97 | 1959.77 | 0.00 |
| 05-05-2025 | 368 | 6580.74 | 5968.35 | 274.20 | 612.39 | 2422.70 | 0.00 |
| 06-05-2025 | 375 | 6047.62 | 5456.17 | 251.98 | 591.45 | 2269.22 | 0.00 |
| 07-05-2025 | 371 | 6444.07 | 5836.28 | 268.50 | 607.79 | 2391.14 | 0.00 |
| 08-05-2025 | 368 | 6482.37 | 5870.92 | 270.10 | 611.45 | 2385.34 | 0.00 |
| 09-05-2025 | 365 | 6614.50 | 5997.68 | 275.60 | 616.82 | 2417.40 | 0.00 |
| 10-05-2025 | 365 | 7050.41 | 6410.62 | 293.77 | 639.79 | 2575.87 | 0.00 |
| 11-05-2025 | 366 | 6446.58 | 5836.28 | 268.61 | 610.30 | 2358.46 | 0.00 |
| 12-05-2025 | 371 | 6189.62 | 5591.62 | 257.90 | 598.00 | 2299.39 | 0.41 |
| 13-05-2025 | 372 | 5137.91 | 4588.58 | 214.08 | 549.33 | 1913.52 | 0.00 |
| 14-05-2025 | 361 | 7140.31 | 6497.17 | 297.51 | 643.14 | 2579.30 | 0.00 |
| 15-05-2025 | 357 | 7157.77 | 6507.15 | 298.24 | 650.62 | 2556.98 | 0.00 |
| 16-05-2025 | 361 | 7112.35 | 6465.45 | 296.35 | 646.90 | 2566.87 | 0.00 |
| 17-05-2025 | 355 | 7146.10 | 6500.33 | 297.75 | 645.77 | 2538.62 | 0.00 |
| 18-05-2025 | 365 | 6689.45 | 6066.67 | 278.73 | 622.78 | 2444.54 | 0.00 |
| 19-05-2025 | 366 | 7133.30 | 6490.20 | 297.22 | 643.10 | 2608.27 | 0.00 |
| 20-05-2025 | 369 | 6063.85 | 5471.48 | 252.66 | 592.37 | 2235.98 | 0.00 |
| 21-05-2025 | 366 | 6367.62 | 5760.75 | 265.32 | 606.87 | 2329.39 | 0.22 |
| 22-05-2025 | 360 | 6292.47 | 5683.05 | 262.19 | 609.42 | 2267.98 | 0.00 |
| 23-05-2025 | 372 | 6116.92 | 5527.20 | 254.87 | 589.72 | 2278.46 | 0.00 |
| 24-05-2025 | 367 | 6203.60 | 5606.70 | 258.48 | 596.90 | 2275.54 | 0.00 |
| 25-05-2025 | 378 | 4451.78 | 3929.85 | 185.49 | 521.93 | 1682.76 | 0.00 |
| 26-05-2025 | 365 | 5969.01 | 5379.00 | 248.71 | 590.01 | 2177.76 | 0.00 |
| 27-05-2025 | 368 | 6153.24 | 5558.77 | 256.39 | 594.47 | 2262.91 | 0.00 |
| 28-05-2025 | 369 | 5817.85 | 5240.63 | 242.41 | 577.22 | 2147.30 | 0.00 |
| 29-05-2025 | 364 | 5958.09 | 5370.37 | 248.25 | 587.72 | 2169.29 | 0.00 |

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|---|---|---|---|---|---|---|---|
| 30-05-2025 | 378 | 4778.62 | 4241.93 | 199.11 | 536.69 | 1808.52 | 0.00 |
| 31-05-2025 | 381 | 4858.37 | 4321.27 | 202.43 | 537.10 | 1852.78 | 0.00 |
| 01-06-2025 | 385 | 4855.29 | 4321.05 | 202.30 | 534.24 | 1867.25 | 0.00 |
| 02-06-2025 | 381 | 5318.06 | 4766.25 | 221.59 | 551.81 | 2028.29 | 0.00 |
| 03-06-2025 | 373 | 5897.64 | 5316.45 | 245.74 | 581.19 | 2199.19 | 0.00 |
| 04-06-2025 | 369 | 6092.84 | 5502.75 | 253.87 | 590.09 | 2246.59 | 0.00 |
| 05-06-2025 | 363 | 6549.04 | 5935.43 | 272.88 | 613.61 | 2378.86 | 0.00 |
| 06-06-2025 | 360 | 6847.62 | 6217.27 | 285.32 | 630.35 | 2464.70 | 0.00 |
| 07-06-2025 | 365 | 6156.35 | 5557.65 | 256.51 | 598.70 | 2244.29 | 0.00 |
| 08-06-2025 | 371 | 5571.10 | 5002.13 | 232.13 | 568.97 | 2067.41 | 0.00 |
| 09-06-2025 | 368 | 5966.05 | 5379.22 | 248.59 | 586.83 | 2195.06 | 0.00 |
| 10-06-2025 | 377 | 4793.23 | 4258.05 | 199.72 | 535.18 | 1806.10 | 0.00 |
| 11-06-2025 | 379 | 4845.78 | 4306.13 | 201.91 | 539.65 | 1837.87 | 0.00 |
| 12-06-2025 | 458 | 4871.01 | 4331.47 | 202.96 | 539.54 | 2230.20 | 0.00 |
| 13-06-2025 | 399 | 4562.56 | 4074.03 | 190.11 | 488.53 | 1818.29 | 75.36 |
| 11-07-2025 | 171 | 17.25 | 10.30 | 0.72 | 185.97 | 2.95 | 118.51 |
| 12-07-2025 | 368 | 6169.57 | 5661.60 | 257.07 | 523.27 | 2269.54 | 16.63 |
| 13-07-2025 | 360 | 6409.27 | 5858.40 | 267.05 | 550.93 | 2304.14 | 0.00 |
| 14-07-2025 | 366 | 7152.03 | 6528.60 | 298.00 | 623.43 | 2616.22 | 0.00 |
| 15-07-2025 | 358 | 7112.29 | 6455.25 | 296.35 | 657.04 | 2548.97 | 0.00 |
| 16-07-2025 | 358 | 7113.18 | 6464.32 | 296.38 | 648.86 | 2547.77 | 0.00 |
| 17-07-2025 | 362 | 7085.42 | 6440.33 | 295.23 | 645.09 | 2562.24 | 0.00 |
| 18-07-2025 | 354 | 7150.42 | 6502.95 | 297.93 | 647.47 | 2529.05 | 0.00 |
| 19-07-2025 | 356 | 6328.88 | 5716.80 | 263.70 | 612.08 | 2252.33 | 0.00 |
| 20-07-2025 | 363 | 5342.67 | 4773.75 | 222.61 | 568.92 | 1940.69 | 0.00 |
| 21-07-2025 | 361 | 6523.52 | 5900.02 | 271.81 | 623.50 | 2352.36 | 0.00 |
| 22-07-2025 | 357 | 6727.19 | 6096.38 | 280.30 | 630.81 | 2400.65 | 0.00 |
| 23-07-2025 | 357 | 6735.80 | 6103.35 | 280.66 | 632.45 | 2406.29 | 0.00 |
| 24-07-2025 | 360 | 6568.45 | 5943.90 | 273.69 | 624.55 | 2365.30 | 0.00 |
| 25-07-2025 | 362 | 6458.62 | 5839.87 | 269.11 | 618.75 | 2339.83 | 0.00 |
| 26-07-2025 | 366 | 5461.18 | 4889.10 | 227.55 | 572.08 | 1998.89 | 0.00 |
| 27-07-2025 | 368 | 5292.90 | 4723.28 | 220.54 | 569.62 | 1949.40 | 0.00 |
| 28-07-2025 | 362 | 6742.45 | 6118.50 | 280.94 | 623.95 | 2441.42 | 0.00 |
| 29-07-2025 | 359 | 6775.04 | 6142.12 | 282.29 | 632.92 | 2429.40 | 0.77 |
| 30-07-2025 | 358 | 6615.28 | 5987.55 | 275.64 | 627.73 | 2366.21 | 0.00 |
| 31-07-2025 | 357 | 7162.70 | 6514.58 | 298.45 | 648.12 | 2554.87 | 0.00 |
| 01-08-2025 | 359 | 7142.43 | 6493.35 | 297.60 | 649.08 | 2563.66 | 0.00 |
| 02-08-2025 | 359 | 6757.80 | 6125.25 | 281.58 | 632.55 | 2429.21 | 0.00 |
| 03-08-2025 | 362 | 6489.81 | 5868.67 | 270.41 | 621.14 | 2350.32 | 0.00 |
| 04-08-2025 | 359 | 6293.63 | 5713.80 | 262.23 | 579.83 | 2262.02 | 0.00 |
| 05-08-2025 | 358 | 6621.88 | 6048.38 | 275.91 | 573.50 | 2371.15 | 0.00 |
| 06-08-2025 | 357 | 7076.94 | 6482.85 | 294.87 | 594.09 | 2528.81 | 0.00 |
| 07-08-2025 | 356 | 7103.43 | 6510.82 | 295.98 | 592.61 | 2526.26 | 0.00 |
| 08-08-2025 | 360 | 6235.64 | 5678.63 | 259.82 | 557.01 | 2243.98 | 0.00 |
| 09-08-2025 | 360 | 6417.50 | 5824.35 | 267.40 | 593.15 | 2311.22 | 0.00 |
| 10-08-2025 | 359 | 6159.41 | 5552.92 | 256.64 | 606.49 | 2212.06 | 0.00 |
| 11-08-2025 | 351 | 7147.96 | 6499.80 | 297.83 | 648.16 | 2508.05 | 0.00 |
| 12-08-2025 | 353 | 7116.40 | 6466.20 | 296.52 | 650.20 | 2514.62 | 0.22 |
| 13-08-2025 | 352 | 7145.80 | 6496.35 | 297.74 | 649.45 | 2518.13 | 0.36 |
| 14-08-2025 | 352 | 6866.56 | 6227.03 | 286.11 | 639.53 | 2418.05 | 0.00 |
| 15-08-2025 | 355 | 7071.72 | 6427.72 | 294.66 | 644.00 | 2511.72 | 0.00 |
| 16-08-2025 | 354 | 6449.05 | 5830.80 | 268.71 | 618.25 | 2280.17 | 0.00 |
| 17-08-2025 | 359 | 6193.18 | 5589.08 | 258.05 | 604.10 | 2224.92 | 0.00 |
| 18-08-2025 | 355 | 6793.49 | 6161.77 | 283.06 | 631.72 | 2412.50 | 0.00 |
| 19-08-2025 | 353 | 6876.67 | 6241.65 | 286.53 | 635.02 | 2425.56 | 0.00 |
| 20-08-2025 | 353 | 6927.17 | 6288.53 | 288.63 | 638.64 | 2448.65 | 0.00 |
| 21-08-2025 | 353 | 7061.73 | 6416.55 | 294.24 | 645.18 | 2495.90 | 0.00 |
| 22-08-2025 | 359 | 6814.53 | 6187.20 | 283.94 | 627.33 | 2448.38 | 0.00 |
| 23-08-2025 | 359 | 6348.43 | 5742.60 | 264.52 | 605.83 | 2278.25 | 0.00 |

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| 24-08-2025 | 362 | 6031.75 | 5438.40 | 251.32 | 593.35 | 2182.15 | 0.00 |
| 25-08-2025 | 357 | 6790.23 | 6161.55 | 282.93 | 628.68 | 2425.44 | 0.00 |
| 26-08-2025 | 356 | 6851.05 | 6218.70 | 285.46 | 632.35 | 2436.96 | 0.00 |
| 27-08-2025 | 353 | 7125.71 | 6480.15 | 296.90 | 645.56 | 2517.36 | 0.38 |
| 28-08-2025 | 360 | 6650.49 | 6029.40 | 277.10 | 621.09 | 2391.24 | 0.00 |
| 29-08-2025 | 363 | 6701.01 | 6079.05 | 279.21 | 621.96 | 2433.74 | 0.00 |
| 30-08-2025 | 365 | 6463.37 | 5846.55 | 269.31 | 616.82 | 2357.18 | 0.00 |
| 31-08-2025 | 369 | 6350.01 | 5740.87 | 264.58 | 609.14 | 2343.36 | 0.00 |
| 01-09-2025 | 359 | 7142.79 | 6494.25 | 297.62 | 648.54 | 2567.18 | 0.00 |
| 02-09-2025 | 354 | 7181.77 | 6535.50 | 299.24 | 646.27 | 2538.77 | 0.00 |
| 03-09-2025 | 356 | 7105.65 | 6465.45 | 296.07 | 640.20 | 2526.02 | 0.00 |
| 04-09-2025 | 354 | 7121.57 | 6479.78 | 296.73 | 641.79 | 2519.62 | 0.00 |
| 05-09-2025 | 357 | 6390.51 | 5781.22 | 266.27 | 609.29 | 2281.87 | 0.00 |
| 06-09-2025 | 355 | 7110.47 | 6468.38 | 296.27 | 642.09 | 2527.42 | 0.00 |
| 07-09-2025 | 363 | 6254.35 | 5642.55 | 260.60 | 611.80 | 2267.45 | 0.00 |
| 08-09-2025 | 357 | 6922.07 | 6293.10 | 288.42 | 628.97 | 2472.65 | 0.00 |
| 09-09-2025 | 356 | 6805.68 | 6182.17 | 283.57 | 623.51 | 2425.54 | 0.00 |
| 10-09-2025 | 355 | 6821.16 | 6191.85 | 284.22 | 629.31 | 2424.38 | 0.00 |
| 11-09-2025 | 353 | 6765.77 | 6140.55 | 281.91 | 625.22 | 2390.45 | 0.00 |
| 12-09-2025 | 343 | 7053.46 | 6405.23 | 293.89 | 648.23 | 2416.39 | 0.29 |
| 13-09-2025 | 372 | 6129.36 | 5540.47 | 255.39 | 588.89 | 2279.88 | 0.00 |
| 14-09-2025 | 359 | 6264.87 | 5655.75 | 261.04 | 609.12 | 2252.06 | 0.00 |
| 15-09-2025 | 355 | 7051.77 | 6407.03 | 293.82 | 644.74 | 2505.36 | 0.00 |
| 16-09-2025 | 359 | 7181.75 | 6532.72 | 299.24 | 649.03 | 2579.78 | 0.00 |
| 17-09-2025 | 361 | 7091.20 | 6447.98 | 295.47 | 643.22 | 2558.45 | 0.00 |
| 18-09-2025 | 357 | 7177.04 | 6526.20 | 299.04 | 650.84 | 2559.17 | 0.00 |
| 19-09-2025 | 362 | 7097.55 | 6478.96 | 295.73 | 618.59 | 2572.03 | 0.00 |
| 20-09-2025 | 361 | 6560.84 | 5934.51 | 273.37 | 626.33 | 2370.00 | 0.00 |
| 21-09-2025 | 361 | 6131.68 | 5526.38 | 255.49 | 605.30 | 2211.84 | 0.00 |
| 22-09-2025 | 353 | 7064.07 | 6414.30 | 294.34 | 649.77 | 2495.23 | 0.00 |
| 23-09-2025 | 352 | 6985.16 | 6343.65 | 291.05 | 641.51 | 2462.09 | 0.00 |
| 24-09-2025 | 353 | 7116.26 | 6470.40 | 296.51 | 645.86 | 2511.29 | 0.00 |
| 25-09-2025 | 349 | 7121.43 | 6473.40 | 296.73 | 648.03 | 2486.74 | 0.00 |
| 26-09-2025 | 353 | 6846.80 | 6210.90 | 285.28 | 635.90 | 2416.34 | 0.00 |
| 27-09-2025 | 356 | 6441.74 | 5825.32 | 268.41 | 616.42 | 2295.00 | 0.00 |
| 28-09-2025 | 358 | 6245.10 | 5637.23 | 260.21 | 607.87 | 2235.53 | 0.00 |
| 29-09-2025 | 352 | 7188.65 | 6535.35 | 299.53 | 653.30 | 2528.02 | 0.46 |
| 30-09-2025 | 356 | 7080.76 | 6434.70 | 295.03 | 646.06 | 2517.46 | 0.17 |
| 01-10-2025 | 352 | 7155.01 | 6507.07 | 298.13 | 647.94 | 2518.92 | 0.00 |
| 02-10-2025 | 353 | 7098.24 | 6453.00 | 295.76 | 645.24 | 2505.94 | 0.00 |
| 03-10-2025 | 353 | 7152.26 | 6510.08 | 298.01 | 642.18 | 2526.29 | 0.00 |
| 04-10-2025 | 354 | 7155.69 | 6512.55 | 298.15 | 643.14 | 2531.64 | 0.00 |
| 05-10-2025 | 361 | 6329.54 | 5715.07 | 263.73 | 614.47 | 2286.79 | 0.00 |
| 06-10-2025 | 369 | 6249.84 | 5644.43 | 260.41 | 605.41 | 2309.28 | 0.00 |
| 07-10-2025 | 354 | 7096.30 | 6447.15 | 295.68 | 649.15 | 2512.20 | 0.00 |
| 08-10-2025 | 355 | 6990.66 | 6347.92 | 291.28 | 642.74 | 2479.10 | 0.00 |
| 09-10-2025 | 357 | 6854.26 | 6219.23 | 285.59 | 635.03 | 2443.87 | 0.00 |
| 10-10-2025 | 360 | 6697.40 | 6072.22 | 279.06 | 625.18 | 2413.51 | 0.00 |
| 11-10-2025 | 355 | 6865.33 | 6230.03 | 286.06 | 635.30 | 2436.65 | 0.00 |
| 12-10-2025 | 363 | 6195.90 | 5591.47 | 258.16 | 604.43 | 2251.15 | 0.00 |
| 13-10-2025 | 360 | 6886.33 | 6250.58 | 286.93 | 635.75 | 2476.30 | 0.00 |
| 14-10-2025 | 364 | 6339.11 | 5729.70 | 264.13 | 609.41 | 2309.90 | 0.22 |
| 15-10-2025 | 361 | 7186.60 | 6537.90 | 299.44 | 648.70 | 2591.66 | 0.00 |
| 16-10-2025 | 367 | 6755.31 | 6126.60 | 281.47 | 628.71 | 2480.06 | 0.02 |
| 17-10-2025 | 371 | 6455.71 | 5862.60 | 268.99 | 593.11 | 2392.58 | 11.57 |
| 02-11-2025 | 293 | 184.76 | 183.37 | 7.70 | 182.79 | 54.12 | 96.58 |
| 03-11-2025 | 398 | 4859.80 | 4433.70 | 202.49 | 465.72 | 1936.03 | 25.39 |
| 04-11-2025 | 372 | 7057.33 | 6498.83 | 294.06 | 558.50 | 2624.74 | 0.02 |
| 05-11-2025 | 375 | 6231.21 | 5687.10 | 259.63 | 544.11 | 2336.04 | 0.00 |

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| 06-11-2025 | 367 | 6762.33 | 6140.85 | 281.76 | 621.48 | 2483.81 | 0.00 |
| 07-11-2025 | 365 | 7156.10 | 6516.82 | 298.17 | 639.28 | 2610.29 | 0.00 |
| 08-11-2025 | 386 | 7055.05 | 6417.30 | 293.96 | 637.75 | 2726.28 | 0.00 |
| 09-11-2025 | 373 | 6236.22 | 5637.83 | 259.84 | 598.39 | 2327.40 | 0.00 |
| 10-11-2025 | 360 | 7042.72 | 6414.97 | 293.45 | 627.75 | 2535.55 | 0.00 |
| 11-11-2025 | 361 | 7003.01 | 6372.68 | 291.79 | 630.33 | 2527.73 | 0.02 |
| 12-11-2025 | 355 | 7107.49 | 6475.20 | 296.15 | 632.29 | 2520.72 | 0.07 |
| 13-11-2025 | 353 | 7166.20 | 6528.60 | 298.59 | 637.60 | 2526.19 | 0.29 |
| 14-11-2025 | 356 | 6792.27 | 6167.40 | 283.01 | 624.87 | 2420.42 | 0.00 |
| 15-11-2025 | 366 | 7026.81 | 6390.15 | 292.78 | 636.66 | 2570.59 | 0.00 |
| 16-11-2025 | 357 | 6398.30 | 5785.80 | 266.60 | 612.50 | 2282.50 | 0.02 |
| 17-11-2025 | 356 | 7118.49 | 6478.80 | 296.60 | 639.69 | 2535.89 | 0.02 |
| 18-11-2025 | 366 | 5912.95 | 5314.65 | 246.37 | 598.30 | 2164.73 | 0.19 |
| 19-11-2025 | 366 | 5312.19 | 4735.87 | 221.34 | 576.32 | 1943.35 | 0.00 |
| 20-11-2025 | 363 | 5606.50 | 5019.08 | 233.60 | 587.42 | 2035.97 | 0.00 |
| 21-11-2025 | 363 | 5474.11 | 4888.57 | 228.09 | 585.54 | 1988.83 | 0.00 |
| 22-11-2025 | 371 | 5431.17 | 4853.63 | 226.30 | 577.54 | 2012.23 | 0.00 |
| 23-11-2025 | 374 | 5301.53 | 4724.70 | 220.90 | 576.83 | 1981.78 | 0.00 |
| 24-11-2025 | 367 | 6232.43 | 5618.25 | 259.68 | 614.18 | 2288.40 | 0.00 |
| 25-11-2025 | 361 | 6049.77 | 5445.22 | 252.07 | 604.55 | 2184.00 | 0.00 |
| 26-11-2025 | 357 | 6544.81 | 5926.35 | 272.70 | 618.46 | 2334.17 | 0.00 |
| 27-11-2025 | 362 | 5745.33 | 5150.33 | 239.39 | 595.00 | 2079.86 | 0.00 |
| 28-11-2025 | 407 | 4652.27 | 4098.60 | 193.84 | 553.67 | 1891.53 | 0.00 |
| 29-11-2025 | 378 | 5136.84 | 4561.87 | 214.04 | 574.97 | 1939.46 | 0.00 |
| 30-11-2025 | 383 | 5257.22 | 4675.65 | 219.05 | 581.57 | 2013.02 | 0.00 |
| 01-12-2025 | 396 | 4300.00 | 3765.23 | 179.17 | 534.77 | 1701.82 | 0.00 |
| 02-12-2025 | 366 | 652.22 | 572.70 | 27.18 | 240.01 | 238.87 | 16.20 |
| 15-12-2025 | 396 | 1546.56 | 1404.82 | 64.44 | 264.43 | 612.50 | 67.30 |
| 16-12-2025 | 378 | 5849.25 | 5332.95 | 243.72 | 516.30 | 2210.95 | 0.00 |
| 17-12-2025 | 363 | 7079.44 | 6506.70 | 294.98 | 572.74 | 2571.12 | 0.00 |
| 18-12-2025 | 361 | 7111.36 | 6539.85 | 296.31 | 571.51 | 2565.48 | 0.00 |
| 19-12-2025 | 359 | 6461.20 | 5915.48 | 269.22 | 545.72 | 2321.57 | 0.00 |
| 20-12-2025 | 374 | 6030.21 | 5497.50 | 251.26 | 532.71 | 2254.13 | 0.00 |
| 21-12-2025 | 372 | 6468.49 | 5923.05 | 269.52 | 545.44 | 2408.83 | 0.00 |
| 22-12-2025 | 365 | 6956.73 | 6395.17 | 289.86 | 561.56 | 2541.17 | 0.00 |
| 23-12-2025 | 368 | 7109.61 | 6543.23 | 296.23 | 566.38 | 2615.81 | 0.00 |
| 24-12-2025 | 362 | 7097.81 | 6525.07 | 295.74 | 572.74 | 2566.06 | 0.00 |
| 25-12-2025 | 368 | 6262.81 | 5723.85 | 260.95 | 538.96 | 2303.21 | 0.00 |
| 26-12-2025 | 360 | 6705.61 | 6144.53 | 279.40 | 561.08 | 2413.94 | 0.00 |
| 27-12-2025 | 360 | 6998.17 | 6411.75 | 291.59 | 586.42 | 2517.10 | 0.17 |
| 28-12-2025 | 366 | 6432.17 | 5805.00 | 268.01 | 627.17 | 2352.31 | 0.00 |
| 29-12-2025 | 365 | 7144.89 | 6485.02 | 297.70 | 659.87 | 2609.30 | 0.07 |
| 30-12-2025 | 359 | 7139.77 | 6477.68 | 297.49 | 662.09 | 2561.35 | 0.00 |
| 31-12-2025 | 361 | 7183.09 | 6535.87 | 299.30 | 647.22 | 2591.59 | 0.00 |

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UNIT 03

Coal Cousumed per KWh > 0.369

| Date | Gross Energy Generated (MWh) | Aux. Power Consumed (MWh) | Fuel Consumed (Coal) Tons | Fuel Consumed (Diesel) Tons | Coal Cosumed (Kg) per KWh | As per Power System Report | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Night Peak (MW) | Available Capacity (MW)1 | Remarks |
| 20.12.2025 | 6,031.20 | 532.71 | 2,254.13 | - | 0.374 | 278 | 270 | - |
| 12.06.2025 | 4,871.01 | 539.54 | 1,826.20 | - | 0.375 | 274 | 270 | - |
| 22.11.2025 | 5,431.17 | 577.54 | 2,012.23 | - | 0.370 | 274 | 270 | - |
| 04.11.2025 | 7,057.33 | 558.50 | 2,624.74 | 0.02 | 0.372 | 273 | 270 | - |
| 16.12.2025 | 5,849.25 | 516.30 | 2,210.95 | - | 0.378 | 273 | 270 | - |
| 21.12.2025 | 6,468.49 | 545.44 | 2,408.83 | - | 0.372 | 273 | 270 | - |
| 06.03.2025 | 7,139.02 | 601.34 | 2,649.26 | - | 0.371 | 272 | 270 | - |
| 17.03.2025 | 7,171.08 | 650.35 | 2,658.58 | - | 0.371 | 272 | 270 | - |
| 17.01.2025 | 6,954.75 | 627.57 | 2,588.93 | - | 0.372 | 271 | 270 | - |
| 27.01.2025 | 4,601.49 | 478.93 | 1,698.17 | 61.34 | 0.369 | 271 | 270 | - |
| 28.03.2025 | 7,187.52 | 655.62 | 2,653.63 | - | 0.369 | 271 | 270 | - |
| 14.04.2025 | 6,143.19 | 598.74 | 2,292.65 | - | 0.373 | 271 | 270 | - |
| 16.04.2025 | 6,095.64 | 596.72 | 2,299.22 | - | 0.377 | 271 | 270 | - |
| 20.04.2025 | 6,372.77 | 609.17 | 2,370.94 | - | 0.372 | 271 | 270 | - |
| 01.05.2025 | 5,391.78 | 562.30 | 2,002.75 | - | 0.371 | 271 | 270 | - |
| 03.05.2025 | 5,596.22 | 568.74 | 2,068.49 | - | 0.370 | 271 | 270 | - |
| 12.05.2025 | 6,189.62 | 598.00 | 2,299.39 | 0.41 | 0.371 | 271 | 138 | Bottom ash system tripped |
| 03.06.2025 | 5,897.64 | 581.19 | 2,199.19 | - | 0.373 | 271 | 270 | - |
| 13.09.2025 | 6,129.36 | 588.89 | 2,279.88 | - | 0.372 | 271 | 270 | - |
| 20.01.2025 | 6,400.40 | 611.83 | 2,545.75 | - | 0.398 | 270 | 270 | - |
| 28.01.2025 | 6,970.43 | 643.17 | 2,590.39 | - | 0.372 | 270 | 270 | - |
| 23.02.2025 | 6,426.08 | 620.55 | 2,379.84 | - | 0.370 | 270 | 270 | - |
| 01.03.2025 | 7,011.03 | 634.91 | 2,593.54 | - | 0.370 | 270 | 270 | - |
| 02.03.2025 | 6,101.80 | 597.77 | 2,266.37 | - | 0.371 | 270 | 270 | - |
| 07.03.2025 | 7,100.05 | 618.18 | 2,627.23 | - | 0.370 | 270 | 270 | - |
| 16.03.2025 | 6,875.81 | 635.74 | 2,539.42 | - | 0.369 | 270 | 270 | - |
| 20.03.2025 | 7,063.81 | 637.86 | 2,626.15 | - | 0.372 | 270 | 270 | - |
| 30.03.2025 | 6,367.51 | 617.11 | 2,359.68 | - | 0.371 | 270 | 270 | - |
| 06.04.2025 | 6,305.48 | 616.08 | 2,341.90 | - | 0.372 | 270 | 270 | - |
| 10.04.2025 | 6,920.81 | 641.06 | 2,562.46 | - | 0.370 | 270 | 270 | - |
| 13.04.2025 | 6,111.09 | 598.67 | 2,334.05 | - | 0.382 | 270 | 270 | - |
| 18.04.2025 | 6,668.69 | 616.27 | 2,469.55 | - | 0.370 | 270 | 270 | - |
| 19.04.2025 | 6,569.68 | 611.60 | 2,426.28 | - | 0.369 | 270 | 270 | - |
| 24.04.2025 | 7,096.74 | 630.91 | 2,663.42 | - | 0.375 | 270 | 270 | - |
| 25.04.2025 | 7,205.46 | 647.99 | 2,662.42 | - | 0.370 | 270 | 270 | - |
| 26.04.2025 | 6,885.55 | 628.67 | 2,598.91 | - | 0.377 | 270 | 270 | - |
| 27.04.2025 | 6,233.88 | 601.23 | 2,345.93 | 0.41 | 0.376 | 270 | 270 | - |
| 28.04.2025 | 7,025.17 | 635.77 | 2,599.18 | - | 0.370 | 270 | 270 | - |
| 07.05.2025 | 6,444.07 | 607.79 | 2,391.14 | - | 0.371 | 270 | 270 | - |
| 13.05.2025 | 5,137.91 | 549.33 | 1,913.52 | - | 0.372 | 270 | 270 | - |
| 23.05.2025 | 6,116.92 | 589.72 | 2,278.46 | - | 0.372 | 270 | 270 | - |
| 28.05.2025 | 5,817.80 | 577.22 | 2,147.30 | - | 0.369 | 270 | 270 | - |
| 31.05.2025 | 4,858.37 | 537.10 | 1,852.78 | - | 0.381 | 270 | 270 | - |
| 02.06.2025 | 5,318.06 | 551.81 | 2,028.29 | - | 0.381 | 270 | 270 | - |
| 08.06.2025 | 5,571.10 | 568.97 | 2,067.41 | - | 0.371 | 270 | 270 | - |
| 11.06.2025 | 4,845.78 | 539.65 | 1,816.75 | - | 0.375 | 270 | 270 | - |
| 08.11.2025 | 7,055.05 | 637.75 | 2,726.28 | - | 0.386 | 270 | 270 | - |
| 09.11.2025 | 6,236.22 | 598.39 | 2,327.40 | - | 0.373 | 270 | 270 | - |
| 30.11.2025 | 5,257.22 | 581.57 | 2,013.02 | - | 0.383 | 270 | 270 | - |
| 05.04.2025 | 6,714.21 | 635.83 | 2,478.17 | - | 0.369 | 269 | 270 | - |
| 04.05.2025 | 5,205.92 | 550.97 | 1,959.77 | - | 0.376 | 269 | 270 | - |
| 06.05.2025 | 6,047.62 | 591.45 | 2,269.22 | - | 0.375 | 269 | 270 | - |
| 01.06.2025 | 4,855.29 | 534.24 | 1,867.25 | - | 0.385 | 269 | 270 | - |
| 31.08.2025 | 6,350.01 | 609.14 | 2,343.36 | - | 0.369 | 269 | 270 | - |
| 23.11.2025 | 5,301.53 | 576.83 | 1,981.78 | - | 0.374 | 269 | 270 | - |
| 29.11.2025 | 5,136.84 | 574.97 | 1,939.46 | - | 0.378 | 269 | 270 | - |
| 12.04.2025 | 5,408.45 | 568.85 | 2,051.42 | - | 0.379 | 268 | 270 | - |
| 06.10.2025 | 6,249.84 | 605.41 | 2,309.28 | - | 0.369 | 267 | 270 | - |

| Date | Energy Generated (MWh) | Aux. Power Consumed (MWh) | Consumed (Coal) Tons | Fuel Consumed (Diesel) Tons | Cosumed (Kg) per KWh | Night Peak (MW) | Available Capacity (MW)1 | Remarks |
|---|---|---|---|---|---|---|---|---|
| 13.06.2025 | 4,562.56 | 488.53 | 1,818.29 | 75.36 | 0.399 | 266 | 0 | Level C overhaul |
| 17.10.2025 | 6,455.71 | 593.11 | 2,392.58 | 11.57 | 0.371 | 265 | 0 | Air pre-heater block |
| 05.11.2025 | 6,231.21 | 544.11 | 2,336.04 | - | 0.375 | 257 | 270 | NP availability - 257MW |
| 28.11.2025 | 4,652.27 | 553.67 | 1,891.53 | - | 0.407 | 257 | 270 | - |
| 10.06.2025 | 4,793.23 | 535.18 | 1,806.10 | - | 0.377 | 239 | 270 | - |
| 30.05.2025 | 4,778.62 | 536.69 | 1,808.52 | - | 0.378 | 223 | 270 | - |
| 03.11.2025 | 4,859.80 | 465.72 | 1,936.03 | 25.39 | 0.398 | 222 | 270 | - |
| 25.05.2025 | 4,451.78 | 521.93 | 1,682.76 | - | 0.378 | 195 | 270 | - |
| 15.12.2025 | 1,546.56 | 264.43 | 612.50 | 67.30 | 0.396 | 177 | 270 | - |
| 11.04.2025 | 4,601.49 | 532.66 | 1,790.02 | - | 0.389 | 157 | 270 | - |
| 01.12.2025 | 4,300.00 | 534.77 | 1,701.82 | - | 0.396 | 147 | 0 | Boiler leak / NP availability 147MW |

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Gmail

CEB GOV. Audit <poe.c.nao1@gmail.com>

# Reasons for Coal consumption above 0.375 kg/kWh

**Razeem** <samrazeem@yahoo.com> 11 March 2026 at 09:43
Reply-To: Razeem <samrazeem@yahoo.com>
To: "poe.c.nao1@gmail.com" <poe.c.nao1@gmail.com>
Cc: PW Bamunusinghe <pwbamu@gmail.com>, "Nalaka CE(Maintenance)" <nalakakumara2007@gmail.com>, Nishantha <kanishantha@gmail.com>

Dear Ms.Niroshani
AAG
PWR/A

This refers to your email dated 20.02.2026.

Please find herewith the attached reasons for coal consumption above 0.375 kg/kWh

Annexure - A: Technical Justifications for Coal consumption above 0.375 kg/kWh

Best Regards,

Razeem.S.A.M
Chief Engineer (Condition & Performance Monitoring)
Lakvijaya Power Plant, CEB
Puttalam.

Phone: +94 322268964
Fax:+94 322268966
Mobile: +94 718693227
Official Email: Mohamed.Razeem@ceb.lk

**Annexure -A TECHNICAL JUSTIFICATION REPORT for consumption above 0.375.pdf**
245K

**Annexure - A**

**Technical Justification Report Prepared Reference to the Audit Quarry**

Increased Specific Coal Consumption (>0.375 kg/kWh)
Lakvijaya Power Plant

**Introduction**

This report provides the overall technical justification for the observed increase in specific coal consumption exceeding the operational average threshold value of 0.375 kg/kWh during the period 2020–2025 considering the incidents took place.

Specific coal consumption is directly influenced by unit heat rate, combustion efficiency, turbine performance, auxiliary power consumption, and operational conditions. The following operational and equipment-related factors have been identified as possible valid contributors to the increase specific coal consumption.

Identified Contributing Factors:

1. **Partial Load Operation**

Operation of the generating units **below rated** capacity significantly reduces thermal efficiency due to:

- Reduced steam parameters
- Higher heat rate at part load – lower efficiency at lo loads
- Increased auxiliary power percentage
- Non-optimal combustion conditions

Due to the solar and the low off peaks demand units were operated in partial load condition resulting a higher coal consumption per kWh generated.

2. **Wet Coal feeding in rainy days**

Higher water content in coal leads to:

- Reduction in effective calorific value (GCV)
- Increased latent heat losses
- Mill performance degradation
- Higher primary air requirement
- Water quantity also get added to the coal weight

This directly increases coal mass required per unit electricity output.

### 3. Bypassing of HP Heaters

High Pressure (HP) feedwater heaters are essential for regenerative cycle efficiency. Bypassing HP heaters causes:

- Lower feedwater temperature entering boiler
- Increased boiler heat input requirement
- Increased turbine heat rate

This results in measurable rise in kg/kWh.

### 4. Unit Startups and Shutdowns

startups and shutdowns cause:

- High coal consumption during ignition and stabilization
- Oil support firing
- Thermal cycling losses
- Steam dumping during load synchronization
- Auxiliary power spikes
- Condenser vacuum has not developed to the optimum

During unit startup, the period prior to startup, shutdown, and the time following shutdown, a considerable amount of auxiliary steam is consumed and this steam is also taking from the running unit. Consequently, this also has an impact on the specific coal consumption rate.

### 5. Soot Deposits and Soot Blowing

Accumulation of soot on heat transfer surfaces causes:

- Reduced heat transfer efficiency and hence the coal rate
- Higher flue gas exit temperature (Increased stack losses)
- Higher excess air requirement

Malfunction of soot blowers aggravates this condition, increasing coal consumption.

Soot blowing system is also uses the steam from the boiler and this is also causes to increase the coal rate. Normally soot blowing is done three times a week.

### 6. Steam Leakages

In the event of steam leaks, the unit should ideally be shut down to carry out the necessary repairs. However, considering the costs associated with shutdown, startup, and the resulting energy losses, the unit is sometimes operated with steam leaks while implementing all

necessary safety precautions. this practice is also leads to a reduction in the overall efficiency of the unit.

operating the plant with Steam leakages result in:

- Direct energy loss
- Reduced turbine efficiency
- Increased boiler firing rate to maintain load

This leads to higher specific coal consumption.

### 7. Reduced Vacuum in Condenser

Reduced condenser vacuum may occur due to:

- Cooling water temperature rise with the environment
- Condenser tube fouling
- Circulating water pump inefficiency
- Air ingress into condenser

Higher back pressure reduces turbine output and increases heat rate.

### 8. Air Preheater (APH) Leakages and blockages

APH Leakages and blockages causes to:

- Increased flue gas temperature
- Loss of heat recovery
- Increased fan power consumption
- Combustion air temperature reduction
- Reduction in air flow

This reduces boiler efficiency and increases coal consumption.

### 9. Issues in data extraction

Normally, coal consumption data is accurate as it is directly extracted from the control system interface. However, the energy readings must be recorded manually by an operator precisely at 12:00 midnight. Since the energy meters are located at different locations, the operator is required to move between units to collect the readings. Therefore, this procedure may affect the accuracy of the recorded data.

This affect calculated specific coal consumption rate to deviate.

**Summary of Combined Impact**

The above factors collectively contribute to:

- Increased heat rate (kJ/kWh)
- Reduced boiler-turbine cycle efficiency
- Increased auxiliary power consumption

Finally, these effects are reflected as increased in specific coal consumption (kg/kWh).

**Conclusion**

The observed exceedance of the 0.375 kg/kWh average threshold is technically justifiable due to the combination of:

- Operational constraints (partial load, startups/shutdowns)
- Fuel quality issues (wet coal)
- Equipment limitations (HP heater bypass, APH leakage)
- Maintenance-related challenges (soot deposits, leakages)
- Performance degradation (reduced condenser vacuum, steam losses)

It is important to note that these factors may occur simultaneously, compounding the overall efficiency degradation.

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Gmail

CEB GOV. Audit <poe.c.nao1@gmail.com>

# Reasons for Coal consumption above 0.375 kg/kWh

**Razeem** <samrazeem@yahoo.com> 11 March 2026 at 09:43
Reply-To: Razeem <samrazeem@yahoo.com>
To: "poe.c.nao1@gmail.com" <poe.c.nao1@gmail.com>
Cc: PW Bamunusinghe <pwbamu@gmail.com>, "Nalaka CE(Maintenance)" <nalakakumara2007@gmail.com>, Nishantha <kanishantha@gmail.com>

Dear Ms.Niroshani
AAG
PWR/A

This refers to your email dated 20.02.2026.

Please find herewith the attached reasons for coal consumption above 0.375 kg/kWh

Annexure - A: Technical Justifications for Coal consumption above 0.375 kg/kWh

Best Regards,

Razeem.S.A.M
Chief Engineer (Condition & Performance Monitoring)
Lakvijaya Power Plant, CEB
Puttalam.

Phone: +94 322268964
Fax:+94 322268966
Mobile: +94 718693227
Official Email: Mohamed.Razeem@ceb.lk

**Annexure -A TECHNICAL JUSTIFICATION REPORT for consumption above 0.375.pdf**
245K

**Annexure - A**

**Technical Justification Report Prepared Reference to the Audit Quarry**

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Specific coal consumption is directly influenced by unit heat rate, combustion efficiency, turbine performance, auxiliary power consumption, and operational conditions. The following operational and equipment-related factors have been identified as possible valid contributors to the increase specific coal consumption.

Identified Contributing Factors:

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- Oil support firing
- Thermal cycling losses
- Steam dumping during load synchronization
- Auxiliary power spikes
- Condenser vacuum has not developed to the optimum

During unit startup, the period prior to startup, shutdown, and the time following shutdown, a considerable amount of auxiliary steam is consumed and this steam is also taking from the running unit. Consequently, this also has an impact on the specific coal consumption rate.

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Accumulation of soot on heat transfer surfaces causes:

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Malfunction of soot blowers aggravates this condition, increasing coal consumption.

Soot blowing system is also uses the steam from the boiler and this is also causes to increase the coal rate. Normally soot blowing is done three times a week.

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In the event of steam leaks, the unit should ideally be shut down to carry out the necessary repairs. However, considering the costs associated with shutdown, startup, and the resulting energy losses, the unit is sometimes operated with steam leaks while implementing all

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- Condenser tube fouling
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- Reduced boiler-turbine cycle efficiency
- Increased auxiliary power consumption

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- Fuel quality issues (wet coal)
- Equipment limitations (HP heater bypass, APH leakage)
- Maintenance-related challenges (soot deposits, leakages)
- Performance degradation (reduced condenser vacuum, steam losses)

It is important to note that these factors may occur simultaneously, compounding the overall efficiency degradation.

**FAX**
**HIGH COMMISSION OF SRI LANKA**
**PRETORIA, SOUTH AFRICA**

| | | | |
|---|---|---|---|
| **To** | **Secretary/Foreign Affairs, Foreign Employment & Tourism** | **Date** | **08 December 2025** |
| **Attention** | **Senior Director General/ Economic Affairs (Bilateral)** | **Our Ref.** | **RSA/TR/EX/11/V-II** |
| **Copies** | **Secretary/ Ministry of Energy**<br>**General Manager/ Lanka Coal Company** | **Security** | |
| **From** | **SLHC/Pretoria** | **Priority** | |
| **Signature** | **High Commissioner** | **Msg. No.** 242 | **No. of pages** 12 |

**Authentication of Accreditation for Independent Coal Inspection Agencies in South Africa (RBCT) under Contract No. LCC/25/TT/1**

References:

1. Letter No. LLC/25/TT/1 dated 24 November 2025 – Annex 01
2. Letter No. LLC/25/TT/1 dated 08 December 2025 – Annex 02

02. As instructed vide letter reference Annex 01 by the Lanka Coal Company Ltd, the High Commission requested assistance in verifying the accreditation status of the three mentioned agencies with the South African National Accreditation System (SANAS). SANAS is the sole national authority responsible for accrediting certification bodies, chemical and microbiological laboratories, inspection bodies, testing laboratories, verification laboratories, etc.

03. Accordingly following are the observation we received from the SANAS.

1. TCRC Group - Not SANAS accredited
2. Leon Overseas Group - Not SANAS accredited
3. Mitra S.K. (Mitra SK Inspection Agency) - Not SANAS accredited for Inspection, however they are accredited as a Testing Laboratory - chemical analysis (T0658 – Annex 03).



1/12

04. Furthermore, according to SANAS, they do not have any accredited coal inspection bodies in South Africa. SANAS only have accredited Testing Laboratories for coal-related analyses. The list of these accredited laboratories is provided in Annex 04 for your reference and if you need Scope of Accreditation of each company you can refer to the SANAS website at www.sanas.co.za, under "Accredited Organisations" - "Chemical and Microbiological Testing Laboratories" - search for "coal".

05. As the officials of this Mission are not professionally competent to make a decision on this regards, the information received by this Mission is furnished for your necessary action please. (End)

sanas
South African National Accreditation System

# CERTIFICATE OF ACCREDITATION

*In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-*

## MITRA SK SOUTH AFRICA (PTY ) LTD

**Co. Reg. No.: 2007/031961/07**

Facility Accreditation Number: **T0658**

Is a South African National Accreditation System accredited facility provided that all conditions and requirements are complied with

This certificate is valid as per the scope as stated in the accompanying schedule of accreditation, Annexure "A", bearing the above accreditation number for

## CHEMICAL ANALYSIS

The facility is accredited in accordance with the recognised International Standard

## ISO/IEC 17025:2017

The accreditation demonstrates technical competency for a defined scope and the operation of a quality management system

While this certificate remains valid, the Accredited Facility named above is authorised to use the relevant accreditation symbol to issue facility reports and/or certificates

**Mr F Osman**
**Acting Chief Executive Officer**

**Effective Date: 28 October 2025**
**Certificate Expires: 29 October 2030**

# ANNEXURE A

## SCHEDULE OF ACCREDITATION

Facility Number: T0658


Permanent Address of Laboratory:
Mitra SIK South Africa (Pty) Ltd
81 Ceramic Curve Alton
Richardsbay Unit
17-19 R Hino Park
3900

Postal Address:
P O Box 101424
Meerensee
Richardsbay
3901

Tel: 062 086 8031
Fax: (035) 751-2697
E-mail: langelihle@mitrask.co.in


Technical Signatories:
Mr SP Sharma (Mn Ore, Ferrochrome and Chrome Manganese ore, Coal, Fe-ore)
Mr MW Zakwe (Coal, Cr-ore, Fe-Or)

Nominated Representative:
Mr L Ngema

Issue No.: 12
Date of Issue: 28 October 2025
Expiry Date: 29 October 2030

| Material or Products Tested | Type of Tests / Properties Measured, Range of Measurement | Standard Specifications, Techniques / Equipment Used |
|---|---|---|
| CHEMICAL | | |
| Manganese Ore | Determination of Gravimetric Method, Silica (4.37 % -17.32%) | MSK/SOP/Si/001 (Based on ISO 5850:1981) |
| | Determination of Potention Method, Total Manganese (30.98% -49.15%) | MSK/SOP/TMn/001 (Based in ISO 4298:2022) |
| | Determination of Titrimetric Method, Total Iron 4.27% -15.6% | MSK/SOP/TFe/001 (Based on ISO 7990:1985) |
| | Determination of Flame atomic absorption spectrometric method, Alumina 0.239% -6.402% | MSK/SOP/Al/001 (Based on ISO 5889:1983) |
| | Determination of Flame atomic absorption spectrometric method, motion of Calcium Oxide 1.148% - 5.726% | MSK/SOP/MOCO/001 (Based on 7953:1985) |
| | Determination of Flame atomic absorption spectrometric method, Maghesium Oxide 0.696% -3.02% | MSK/SOP/MOCO/001 (Based on 7953:1985) |
| | Determination of Photometric method, Phosphorous 0.0178% - 0.031% | MSK/SOP/PC/001 (Based on ISO 4293:1982) |

Facility Number: T0658

| | | |
|---|---|---|
| Cr–Ore | Chromium ores and concentrates- Determination of chromium content- Titrimetric method ,Cr203 26.66% - 41.86 % | MSK/SOP/CR-ORE-Cr203/001 (Based on ISO 6331:2024) |
| | Determination of chromium content - Titrimetric method Chromium ores and concentrates-Fe 16.02% -21.45% | MSK/SOP/CR-ORE-Fe/001 (Based on ISO 6130:1983) |
| | Titrimetric Method Iron Oxide | MSK/SOP/CR-ORE-Fe/001 (Based on ISO 6130:1985) |
| | Chromium ores and concentrates- Determination of silicon content- Molecular absorption spectrometric method and gravimetric method SiO2 3.09%-20.45% | MSK/SOP/CR-ORE-SiO2/001 (Based on ISO 5997:1984) |
| Fe-Cr | Ferrochromium and ferrosilicochromium- Determination of chromium content- Potentiometric method Cr 47.79% -50.27% | MSK/SOP/FC-Cr/001 (Based on 4140:1979) |
| | Ferrosilicon, ferrosilicomanganese and ferrosilicochromium- Determination of silicon content- Gravimetric method Si 2.013% - 5.31% | MSK/SOP/FC-Si/001 (Based on ISO 4158:1978) |
| | Determination of Total Carbon and Sulphur content-infrared -Absorption (Carbon 6.18%-8.39% and Sulphur 0.0183%-0.6305) | MSK/SOP/FC-CS/002 (Based on ISO 15350:2000) |
| Fe-ore | Determination of Silica content by Gravimetric method in Iron Ore and Magnetite Silica (3,55%-7.8 %) | MSK/SOP/IO-SiO2/001 (Based on ISO 2598-1:1992) |
| | Determination of total Iron by Titrimetric method in Iron ore and Magnetite (Iron 52.54%-66.43%) | MSK/SOP/TO-TFe/001 (Based on ISO 2597-:2006) |
| Coal/ Coke | Determination of Moisture content of coal sample intended for general analysis (air oven method), Moisture content of coal (air oven method) 1% -5% | MSK/SOP/MA/001(Based on SANS 5925:2007) |
| | Determination of Test method for single stage moisture), Test method of total Moisture of Coal 1% -15% | MSK/SOP/TM/001 (Based on ASTMD 2961-19) |
| | Determination of Test method | MSK/SOP/VMA/001(Based on |

| | |
|---|---|
| Volatile matter in analysis sample of Coal and Coke, Volatile Matter 5% - 30 % | ISO 562:2024) |
| Determination of Test method for Ash in the analysis sample of Coal and Coke, Ash 10% -30 % | MSK/SOP/AA/001 (Based on ISO 1171:2024) |
| Determination of Standard Practice for Proximate analysis of Coal and Coke, Fixed Carbon | MSK/SOP/FC/001 (Based on ASTM D3172-13(2021)E1 |
| Determination of test methods for GCV, Coal and Coke 3554-7254 Kcal/kg | MSK/SOP/LECO AC500/001 (Based on ASTM D5865-19) |
| Determination of Standard test method for sulphur in the analysis sample of Coal and coke, using high temperature tube furnace combustion, Total Sulphur 0.2%-3 % | MSK/SOP/LECOTS/001 (Based on ASTM 4239-18e1) |

Original Date of Accreditation: 29 October 2015

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Accreditation Manager

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LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

Our Ref: LCC/25/TT/1

12 December 2025

Mr. Sanjay Dutta- Director
Trident Chemphar Limited
Sy No 66 & 67, Miyapur, Hyderabad, 500 050,
Telangana, India

Dear Mr. Sanjay

**Subject: Acceptance of Load Port Coal Inspection Agency for the Tender: LCC/25/TT/1**

We refer to Clause 3.5.1(B) of the Contract and the provisions stipulated in the Letter of Award, which require the Supplier to nominate an internationally accredited coal inspection agency for load port testing.

Accordingly, you initially nominated three agencies, TCRC Group, Leon Overseas Group, and Mitra SK inspection agency. However, as previously communicated, the High Commission of South Africa to Sri Lanka confirmed that only Mitra SK holds valid SANAS accreditation. It was further noted that the SANAS accreditation granted to Mitra SK covers only a limited number of the required ASTM parameters specified in our procurement document.

Therefore, after considering this matter by LCC Chairman with Management and CEB authorities in Norochcholai LCC requested the nomination of another suitable inspection agency capable of covering the full range of coal testing parameters as stipulated under Clause 5.3 of the procurement document. In response, you nominated **PT. Mitra SK Analisa Testama Samarinda (Indonesia)** and subsequently provided the authentication issued by the High Commission of Sri Lanka in Indonesia.

LCC acknowledges receipt of the authentication and hereby confirms the acceptance of **PT. Mitra SK Analisa Testama Samarinda (Indonesia)** as the load port coal inspection agency. Accordingly, the Supplier is required to ensure that all coal testing reports fully cover the parameters detailed in Clause 5.3 of the procurement document.

A special meeting chaired by the Chairman of LCC was held at the Chairman's Office of LCC on 11th December 2025, with the participation of Mr. Sanjay Dutta, the local representatives of Trident Chemphar Ltd., the Manager of the Lakvijaya Power Plant and his Deputy (who participated virtually), and officials of LCC.

During the meeting, it was discussed that not all proximate and ultimate analysis parameters are accredited in South Africa. Accordingly, it was decided that the same approach followed under Sri Lankan operations, namely, sampling at Norochcholai and testing in India using the same methodology, should be adopted. In this regard, it was agreed to nominate PT. Mitra SK Analisa Testama, Samarinda (Indonesia), subject to authentication by the Sri Lankan High Commission in Indonesia.



No:51/3, Suranimala Place, Off-Dutugemunu Street, Kohuwala/Dehiwala, Sri Lanka. | Tel: +94 11 2 824 681/2 Fax: +94 11 2 824 689 | www.lankacoal.lk
A Subsidiary of Ceylon Electricity Board, Registration Number: PV 62636

Accordingly, as agreed at the meeting, Trident Chemphar shall submit the complete test reports within the agreed time period as stipulated in the Agreement and has confirmed its readiness to provide detailed sample movement tracking records. Furthermore, the Supplier has agreed that any delays arising from the issuance of the Letter of Acceptance, the first payment, or the commencement of vessel unloading shall be to the Supplier's account and responsibility.

Further, you are required to hand over the **Second Sample (2nd Part)** as per Clause 3.5.1(B) to the LCC-nominated inspection agency at the load port for random inspection and testing at the Buyer's request. The load port coal specifications will be based on the second sample results, which shall be governed by Clause 3.4.3(a) of the Contract.

Please also note that, as per the Contract, final payment will be made based on the discharge port test reports.

We appreciate your cooperation and look forward to your timely submission of the required reports. You are required to respond by formally accepting this letter.

Thank you.

Yours sincerely

**Jayantha Ratnayake**
Chairman
Lanka Coal Company (Pvt) Ltd

*Copy : For your information*

1. *Secretary – Ministry of Energy*
2. *AGM ( Gem) – Ceylon Electricity Board*
3. *PPM – Lakvijaya Power Plant – CEB*

EMBASSY OF THE
DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
Jl. Diponegoro 70, Jakarta 10320
Tel : (62-21) 3141018,3161886, 31902389
Fax : (62-21) 3107962 ,
E-mail: siemb.jakarta@mfa.gov.lk and siembjkt@gmail.com

To : Secretary/Ministry of Energy

Copied to : i. Chairman/Lanka Coal Company (Pvt) Ltd
ii. Senior Director General/Economic Affairs (Bilateral) –M/FA, FE & T

From : Ambassador-designate

Date : 12 December 2025

Pages including this page : 1+Attachement

Priority : Urgent

Our Reference : JAK/ECO/35

Your Reference :

Msg. No. 423

**REQUEST FOR AUTHENTICATION OF ACCREDITATION-INDEPENDENT COAL INSPECTION AGENCY (MITRA SK, INDONESIA) CONTRACT NO. LCC/25/TT/1**

Reference letter dated 11 December 2025 of the Chairman of the Lanka Coal Company (Pvt) Ltd, addressed to this Mission on the above subject.

1. PT Mitra SK Analisa Testama Samarinda has been registered with the National Accreditation Committee (KAN) of Indonesia, with its accreditation valid until 29 December 2025.

2. The certificate of accreditation along with its English translation is attached herewith.

3. The Mission wishes to verify that PT Mitra SK Analisa Testama Samarinda as per information available is a testing and inspection agency that has been operating globally for over eight decades, and is duly recognized in Indonesia.

4. Submitted for your information and necessary action, please. (Ends)

**LAMPIRAN SERTIFIKAT AKREDITASI LABORATORIUM NO. LP-1448-IDN - SNI ISO/IEC 17025:2017 (ISO/IEC 17025:2017)**

| | | |
|---|---|---|
| Nama Laboratorium : PT Mitra SK Analisa Testama Samarinda<br>Alamat : Jl. Padat Karya No. 99, Sempaja, Samarinda<br>Telp. (0541) 7776627 Email: teguh@mitrask.com | | Masa berlaku:<br>30 Desember 2020<br>s/d<br>29 Desember 2025 |

**Lingkup Akreditasi**

| Bidang pengujian | Bahan atau produk yang diuji | Jenis pengujian atau sifat-sifat yang diukur | Metode pengujian, teknik yang digunakan | Keterangan |
|---|---|---|---|---|
| Kimia | Batubara | *Total moisture* | ASTM D3302/D3302M-19 | |
| | | | ISO 589:2008 | |
| | | *Ash content* | ASTM D3174-12 (2018) | |
| | | | ISO 1171:2010 | |
| | | *Volatile matter* | ASTM D3175-18 | |
| | | | ISO 562:2010 | |
| | | *Fixed carbon* | ASTM 3172-13 | |
| | | | ISO 17246:2010 | |
| | | *Total sulfur* | ASTM D4239-18e1 method A/B | |
| | | | ISO 19579:2006 | |
| | | *Calorific value* | ASTM D5865/D5865M-19 | |
| | | | ISO 1928:2009 | |
| | | *Moisture content* | ASTM D3173/D3173M-17a | |
| | | | ISO 11722:2013 | |
| | | *Hardgrove Grindability Index* | ASTM D409/D409M-16 | |
| | | | ISO 5074:2015 | |
| | | *C, H, N Analysis* | ASTM D5373-16 metode A | |
| | | | ISO 29541:2010 | |
| | | *Oxygen by different* | ASTM D3176-15 | |
| | | | ISO 1170:2013 | |
| | | *Ash analysis* | ASTM D3180-15 | |
| | | | ISO 1170:2013 | |

Catatan :
*Sample preparation* : ASTM D2013-18, ISO 18283:2006

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Dokumen ini telah ditandatangani secara elektronik menggunakan Sertifikat Elektronik yang diterbitkan BSrE

LANKACOAL
COMPANY(PVT)LTD
(Fully Government Owned Business Undertaking)

Our Ref: LCC/25/TT/1

**Mr. Sanjay Dutta** - Director
Trident Chemphar Limited
Sy No. 66 & 67, Miyapur
Hyderabad – 500 050
Telangana, India.

23rd December 2025

Dear Mr. Dutta

**Nomination of Load Port Independent Surveyor Non-Compliance and Immediate Action Required**

This is further to the Letter of Award dated 12th December 2026

Reference is made to the contractual requirement stipulated at the time of award, whereby **Lanka Coal Company (Pvt) Ltd (LCC)** required the nomination of a qualified and fully accredited **Load Port Inspection Agency** in compliance with the applicable standards.

In this regard, you have nominated the following entities:

1. TCRC Group
2. Leon Overseas Group
3. Mitra S.K

LCC has undertaken independent verification of the above nominations through the High Commission of Sri Lanka in South Africa. Based on such verification, **only Mitra S.K has been attested**, while the other nominations remain unverified and therefore unacceptable for the purpose of contract compliance.

Notwithstanding the above, it has been observed that the **SANAS accreditation** of Mitra S.K does **not cover the full scope of required testing**, specifically **excluding ash analysis**, which constitutes a mandatory requirement under **Clause 5.3 of ASTM standards**. Accordingly, the nomination, in its current form, is **non-compliant with the contractual and technical requirements**.

Despite repeated requests made by LCC for the nomination of internationally recognized and fully compliant laboratories, including SGS or **Bureau Veritas (BV)**, which are also acceptable to the **Ceylon Electricity Board (CEB)**, you have proceeded to nominate **PT Mitra SK Analisa Testama Samarinda, Indonesia, subsidiary of Mitra SK Group** citing extended testing capabilities within the same group.

This nomination was referred to the High Commission of Sri Lanka in Indonesia, and as per their communication dated **12th December 2025**, **PT Mitra S.K** was attested with a validity period up to **29th December 2025**. As of date, no evidence of **renewed attestation** has been furnished by you. Your failure to provide valid and current authentication constitutes a **material non-compliance**.



No:51/3, Suranimala Place, Off-Dutugemunu Street, Kohuwala/Dehiwala, Sri Lanka. | Tel: +94 11 2 824 681/2 Fax: +94 11 2 824 689 | www.lankacoal.lk
A Subsidiary of Ceylon Electricity Board, Registration Number: PV 62636

Subsequent to the online meeting held among **Trident, Lakvijaya Power Plant (LVPP)** officials, and LCC Management, a conditional decision was made to proceed with **PT Mitra S.K, Indonesia** for load port coal testing, strictly on the basis that the **final and binding analysis shall be conducted at the discharge port by Coteena, India.**

However, you are hereby **formally instructed** as follows:

1. All certificates and documentation issued at the loading port, including but not limited to:

    1. Draft Survey Reports
    2. Certificate of Weight
    3. Coal Sampling Reports
    4. Hold Clearance Certificates
    5. Certificates of Origin

    **shall be issued exclusively by Mitra S.K South Africa (Head Office).**

2. Coal testing may only be carried out by **PT Mitra S.K, Indonesia**, subject to full compliance with all applicable standards.
3. You shall immediately submit:

    - Valid and renewed attestation documents for **PT Mitra S.K, Indonesia**
    - Complete details relating to the **second samples**
    - Full **traceability and tracking reports** for samples dispatched to Indonesia

Please note that **any further delay, failure, or deviation from the above instructions shall be treated as a breach of contractual obligations**, and LCC reserves the right to take appropriate action, including but not limited to **rejection of reports, suspension of related processes, or enforcement of contractual remedies**, without further notice.

Given the critical importance of maintaining uninterrupted coal supply to the national power generation system, you are hereby required to **comply with the above directives immediately and without exception.**

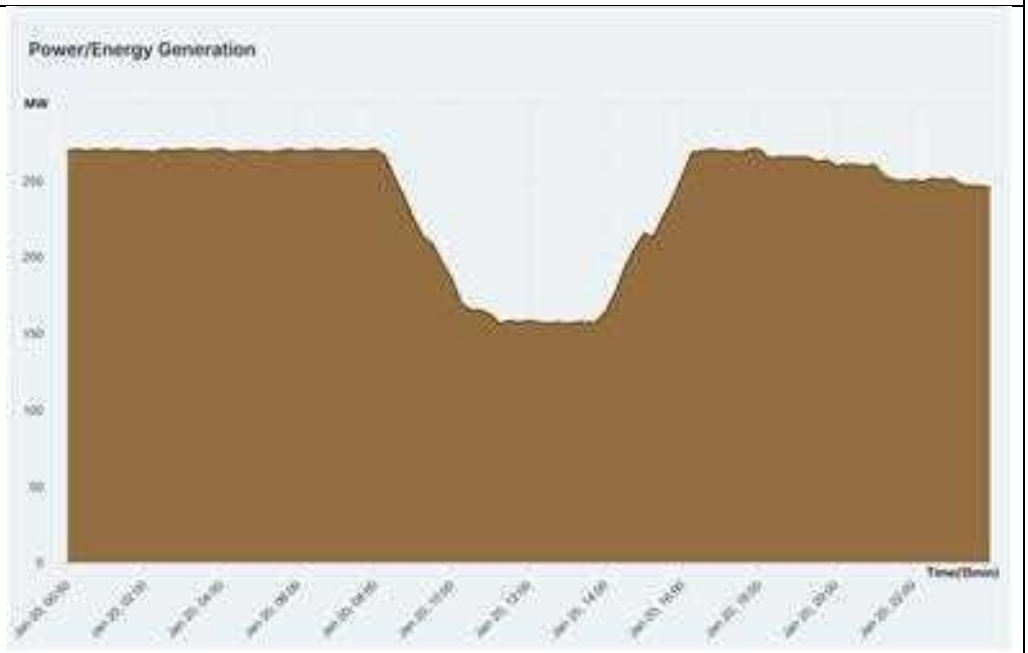
**Thank you**

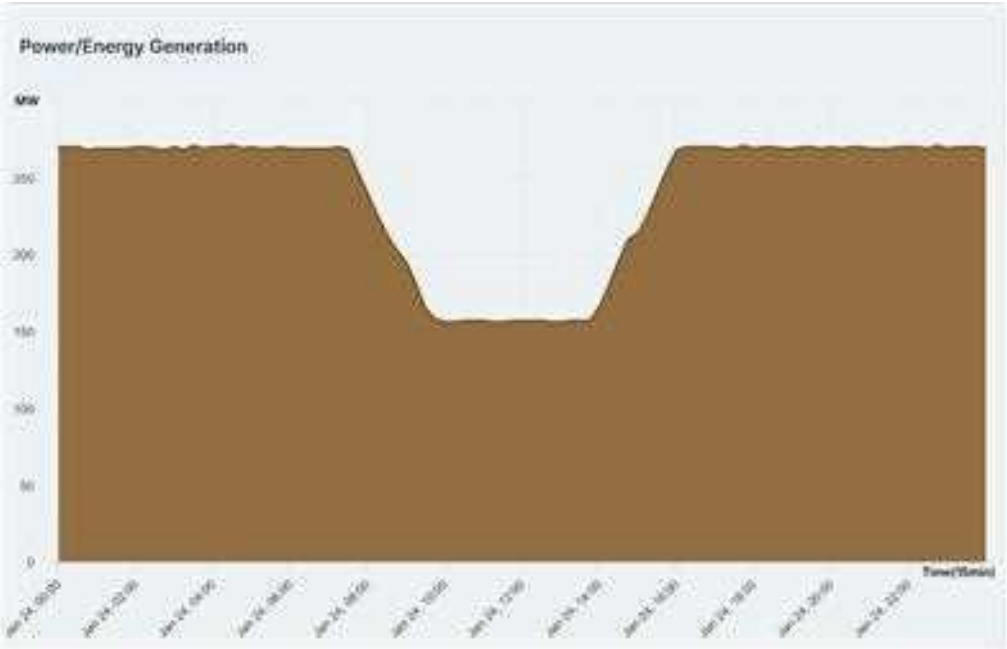
Namal Hewage
General Manager
**Lanka Coal Company (Pvt) Ptd**

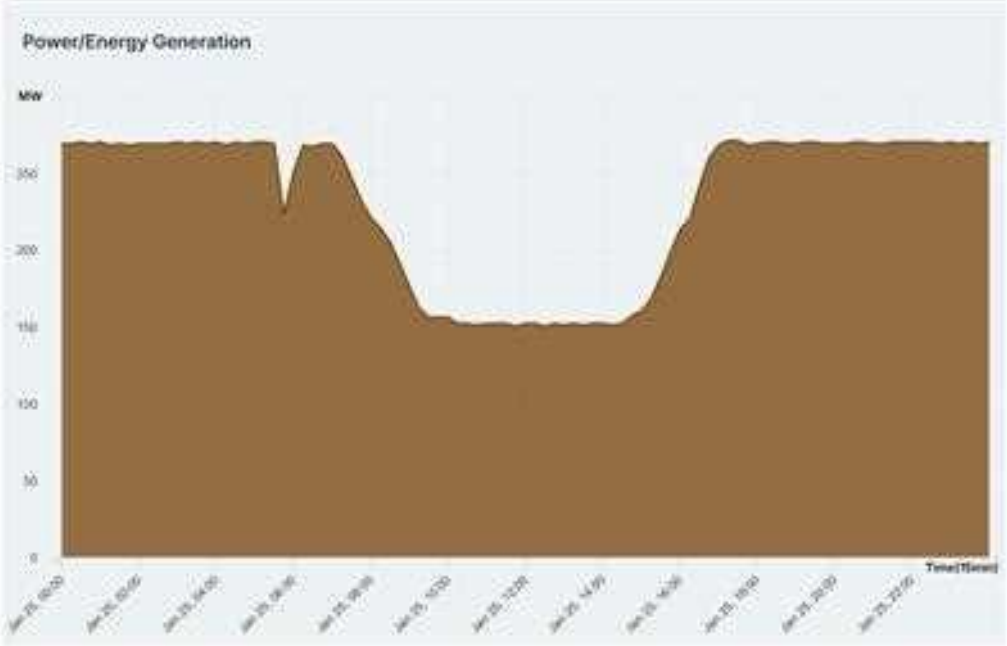
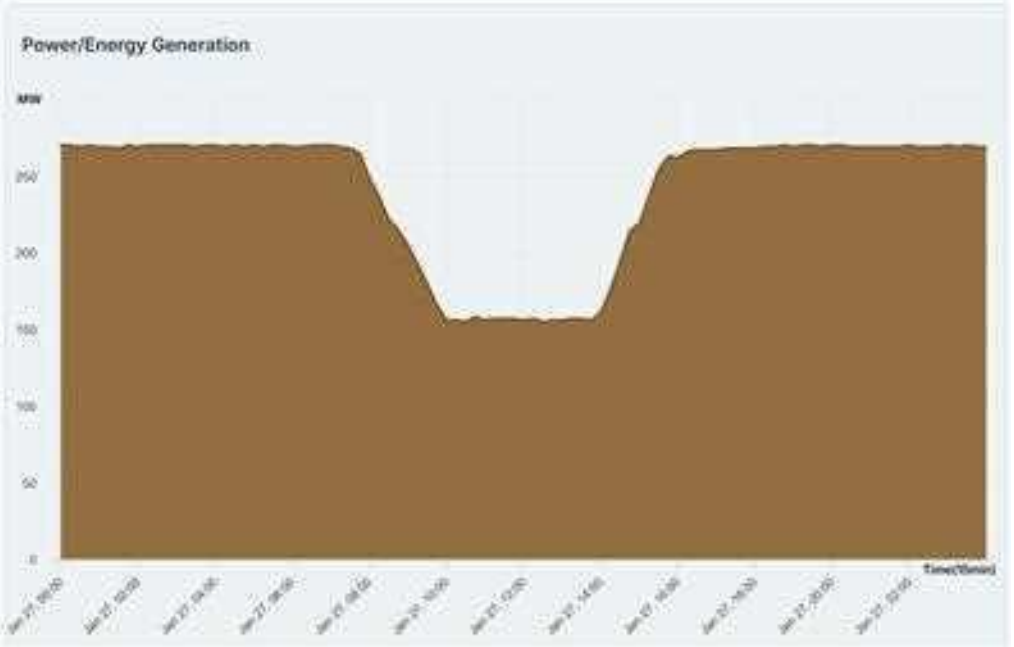
***Copy : for your Information***

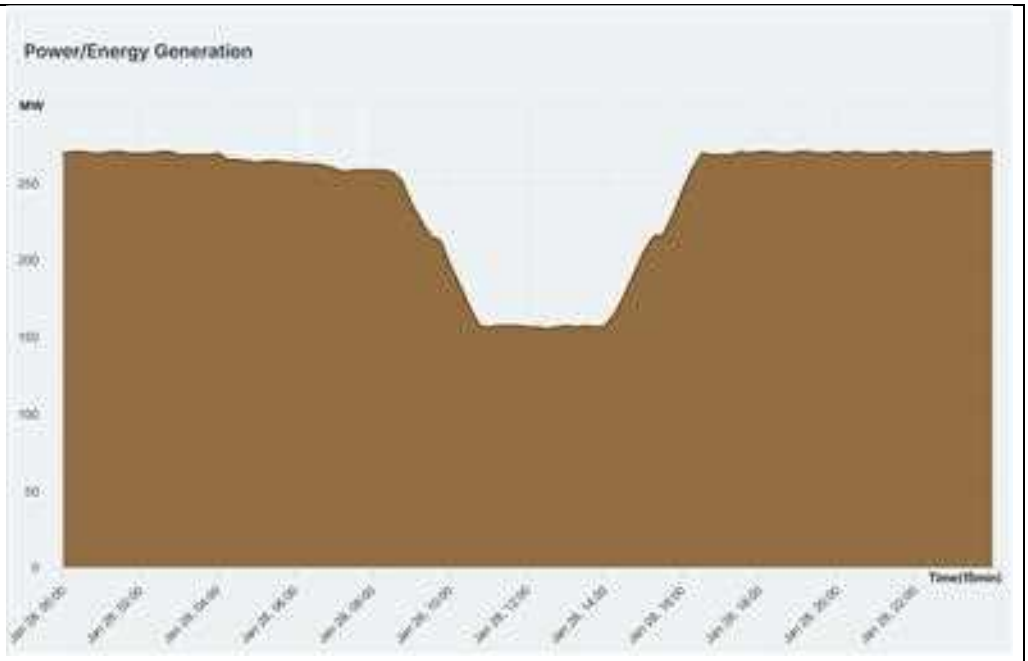
1. *Secretary – Ministry of Energy*
2. *AGM ( Gen) – Ceylon Electricity Board*
3. *Power Plant Manager – Lakvijaya Power Plant*
4. *PM – Lanka Coal Company*

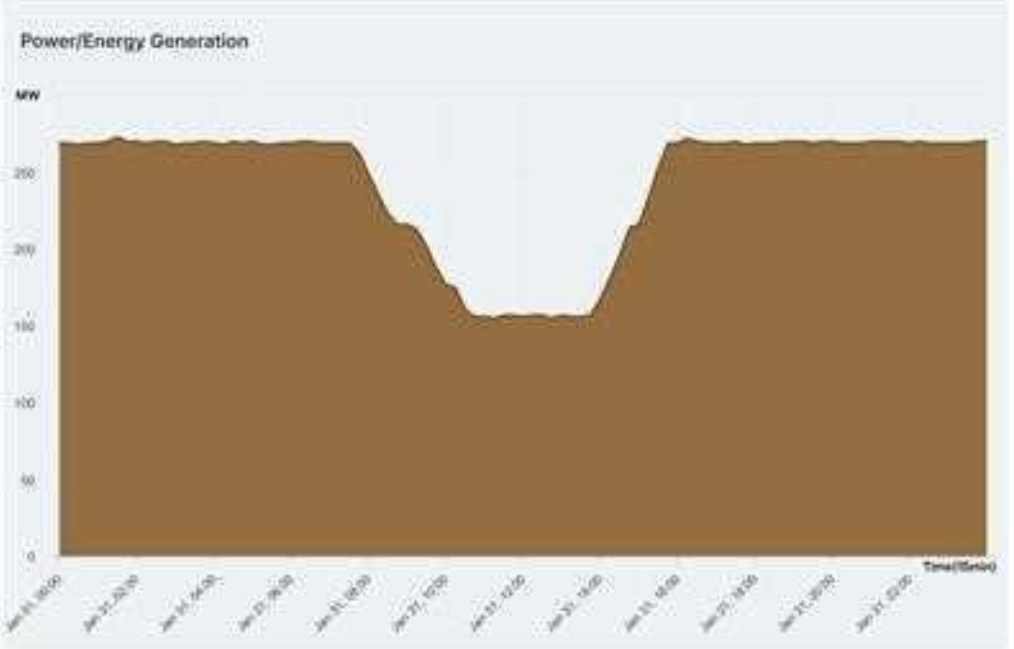
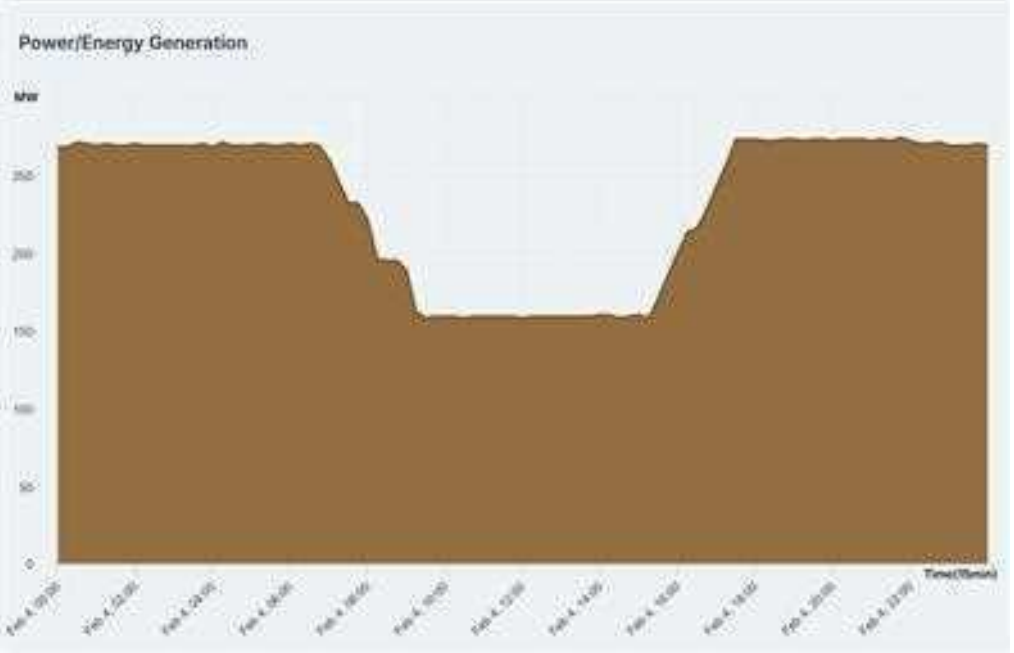
**Rationalization for the selection of Option 02**

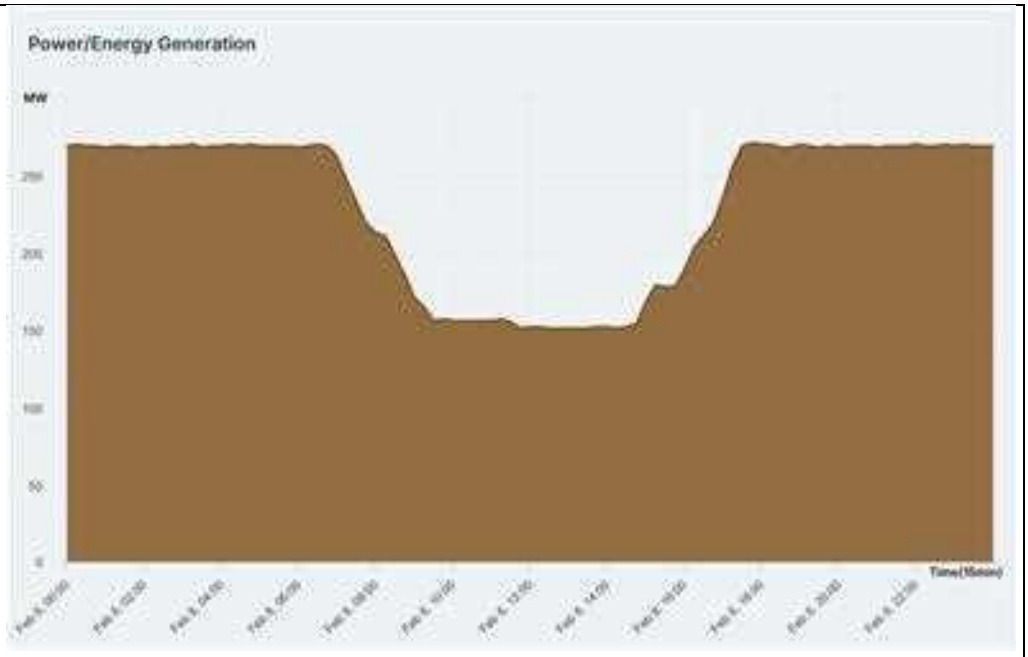
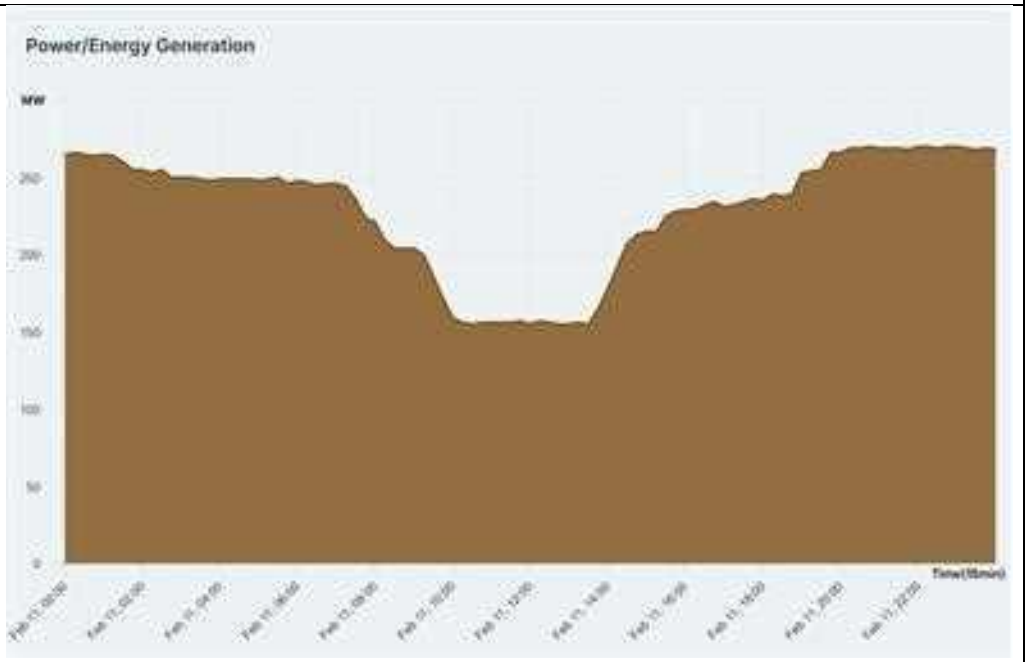
| Date and Time | Note mentioned in the Log Book at the Unit 03 | Generation Curve for LVPP Unit 03 |
|---|---|---|
| 2026/01/18 7.20 | SCC requested 180 MW | |
| 2026/01/18 14.22 | SCC requested 300 MW | |
| 2026/01/20 08.12 | SCC requested 200 MW |   |
| 2026/01/20 13.50 | SCC requested Full Road | |

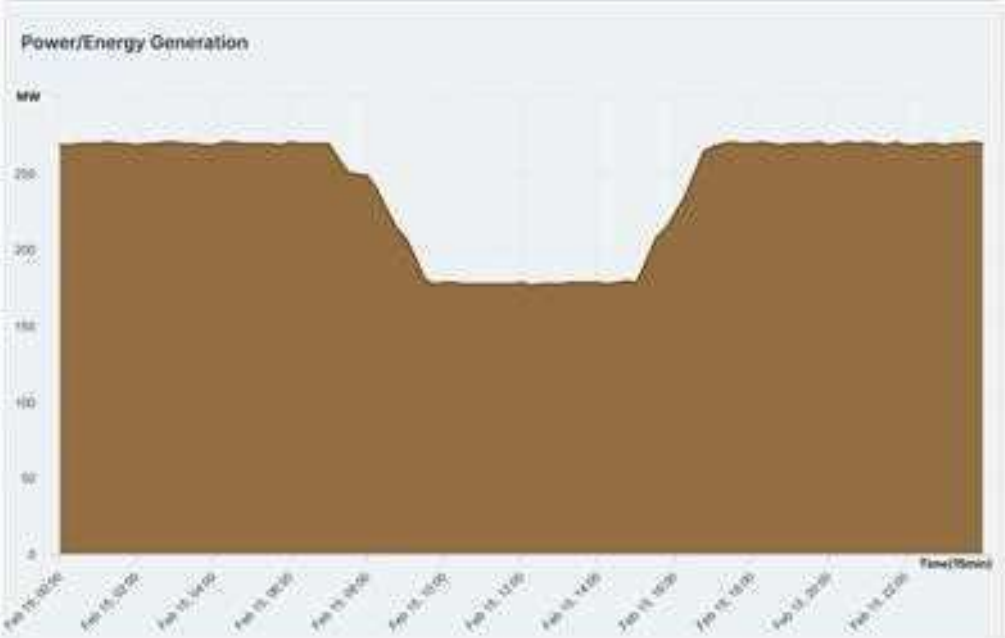
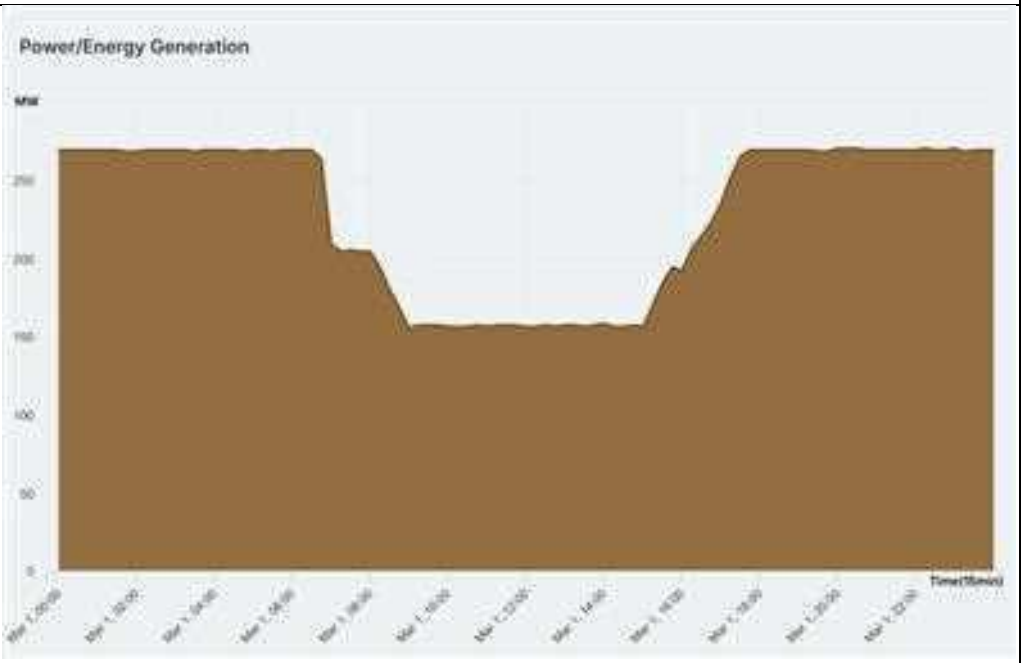
| | | |
|---|---|---|
| 2026/01/22 8.00 | SCC requested minimum possible load | |
| 2026/01/22 14.14 | SCC requested 300 MW | |
| 2026/01/24 07.26 | SCC requested 180 MW |  |
| 2026/01/24 13.47 | SCC requested 300 MW | |

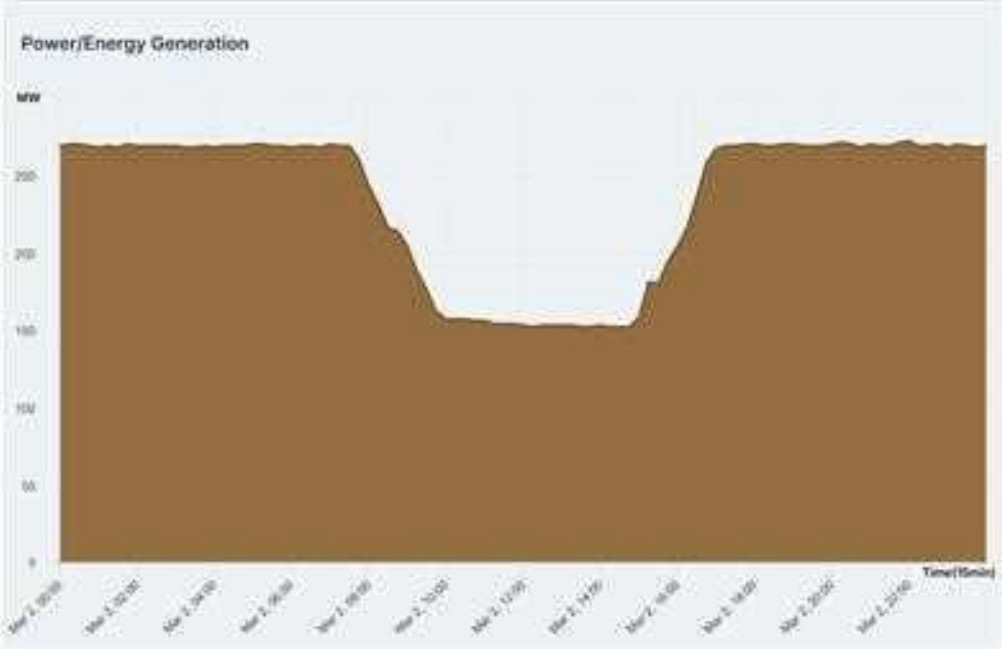
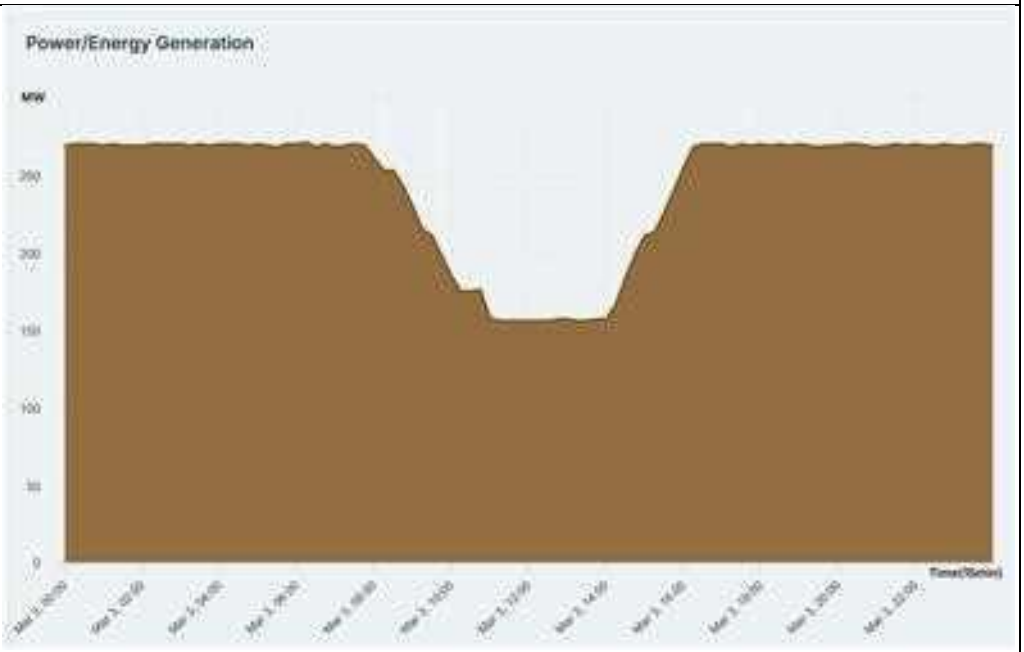
| | | |
|---|---|---|
| 2026/01/25 07.00 | SCC requested 180 MW |  |
| 2026/01/25 14.37 | SCC requested full load | |
| 2026/01/27 07.38 | SCC requested 180 MW |  |
| 2026/01/27 13.56 | SCC requested full load | |

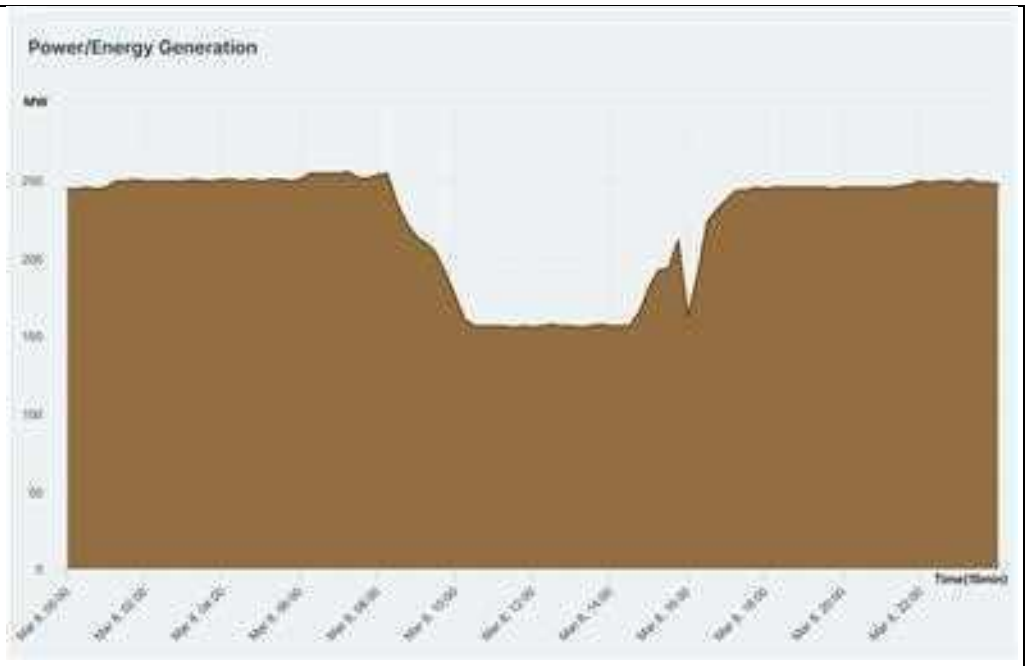
| | | |
|---|---|---|
| 2026/01/28 08.33 | SCC requested 180 MW |  |
| 2026/01/28 14.05 | SCC requested full load | |
| 2026/01/29 07.57 | SCC requested 180 MW | |
| 2026/01/29 14.08 | SCC requested 300 MW | |

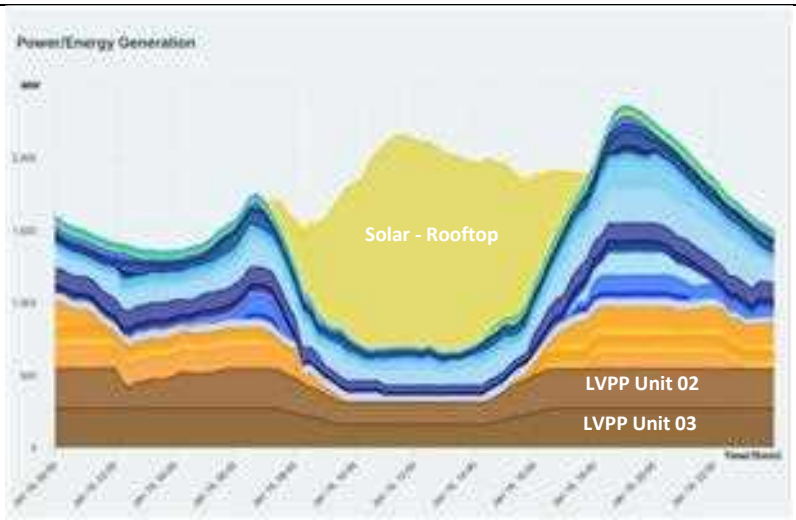
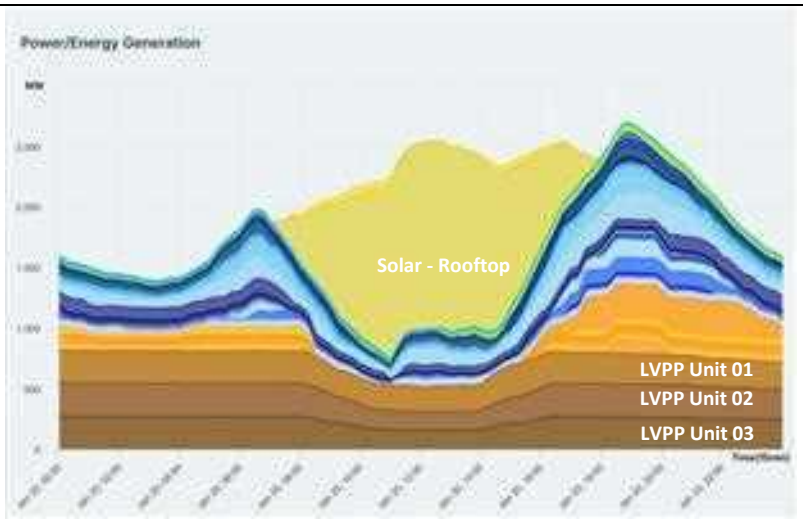
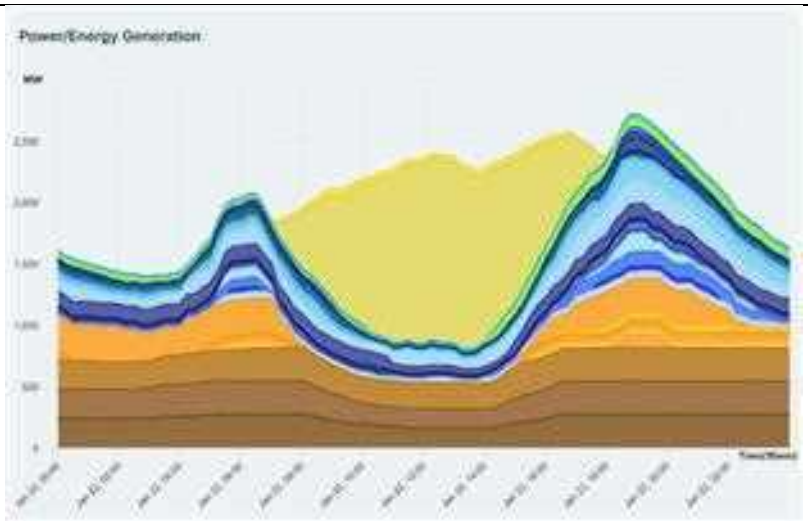
| | | |
|---|---|---|
| 2026/01/31 07.37 | SCC requested 180 MW |  |
| 2026/01/31 15.40 | Unit loaded to 300 MW as per the instruction of SCC | |
| 2026/02/04 06.40 | SCC requested 180 MW |  |
| 2026/02/04 15.14 | SCC requested 300 MW | |

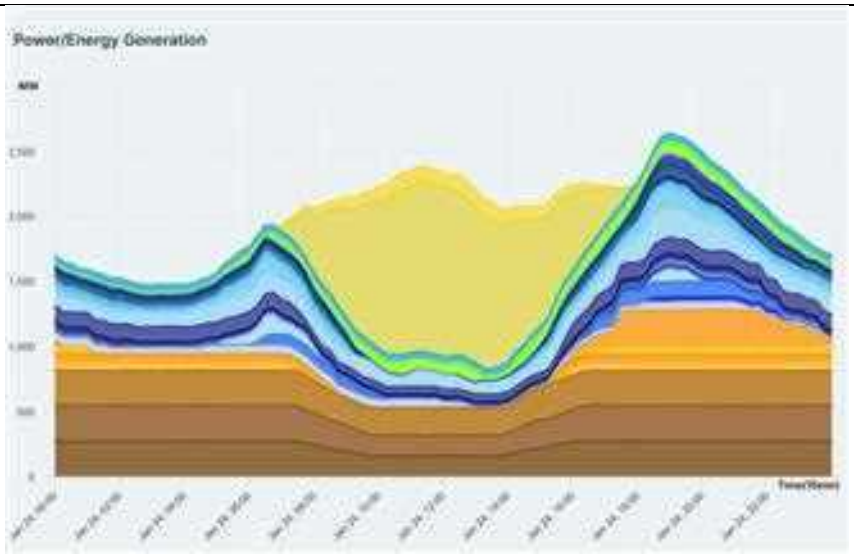
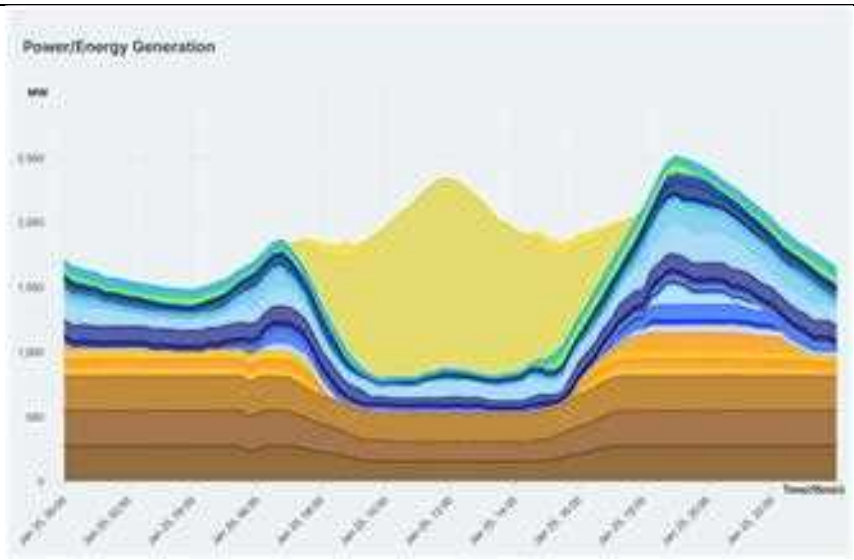
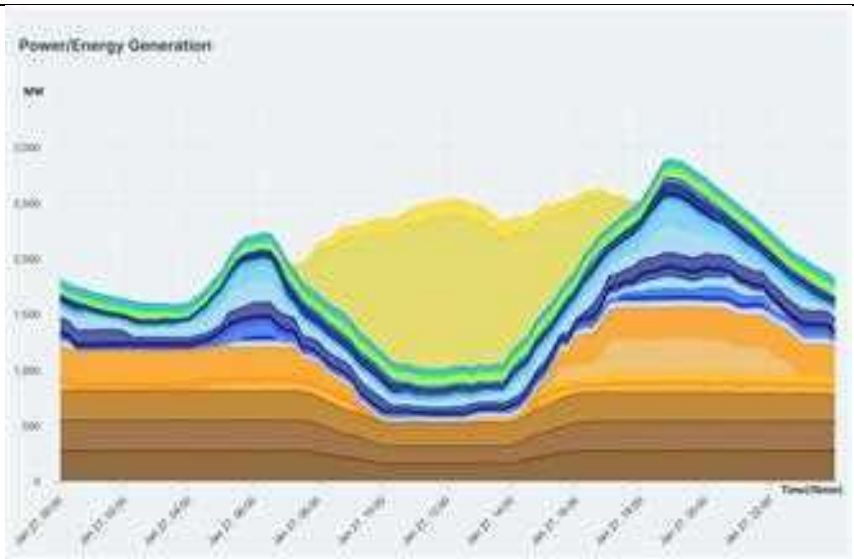
| | | |
|---|---|---|
| 2026/02/08 06.49 | SCC requested minimum load |  |
| 2026/02/08 15.47 | SCC requested 300 MW | |
| 2026/02/11 07.16 | SCC requested to deload machine to 180 MW |  |
| 2026/02/11 13.34 | SCC requested 300 MW | |

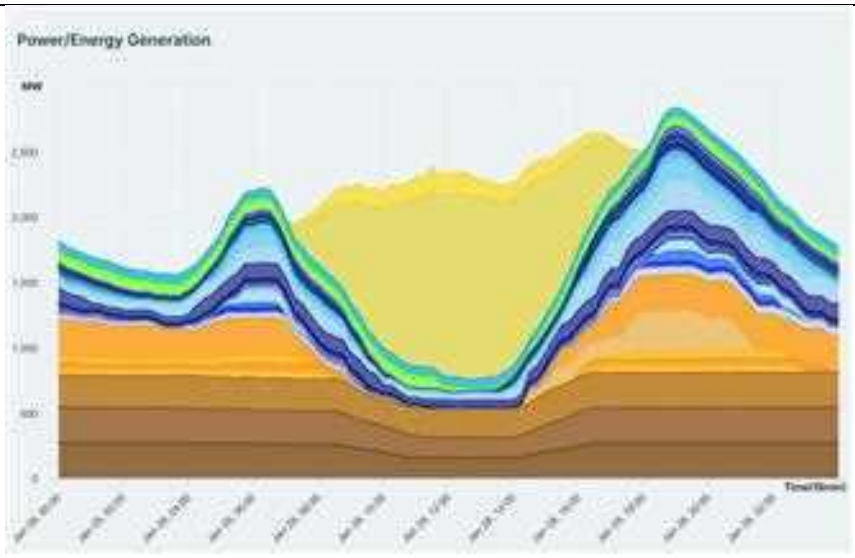
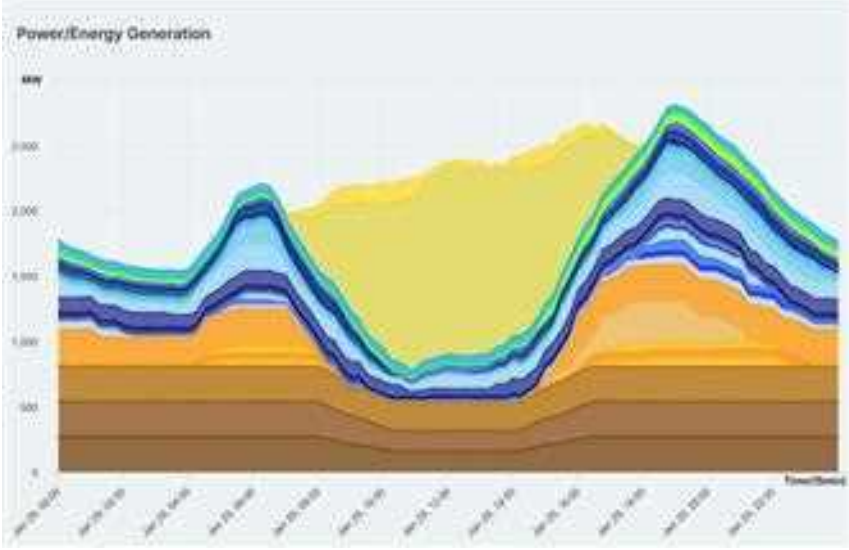
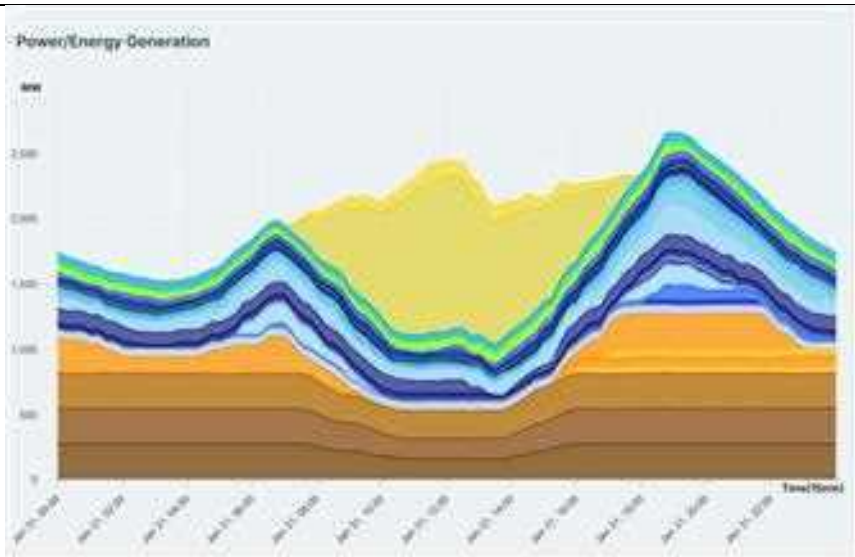
| | | |
|---|---|---|
| 2026/02/15 08.03 | SCC requested 220 MW |  |
| 2026/02/15 14.57 | SCC requested 300 MW | |
| 2026/03/01 08.04 | SCC requested 180 MW |  |
| 2026/03/01 14.57 | SCC requested full load | |

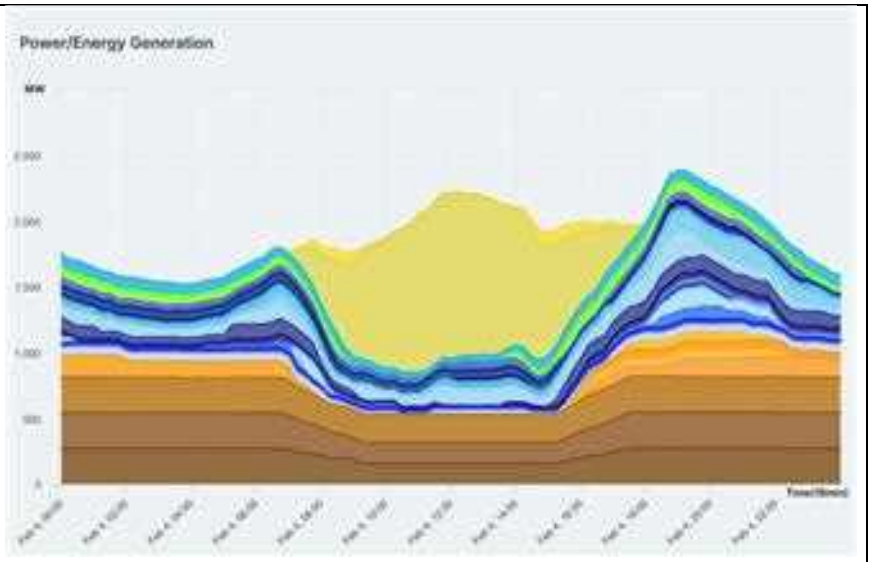
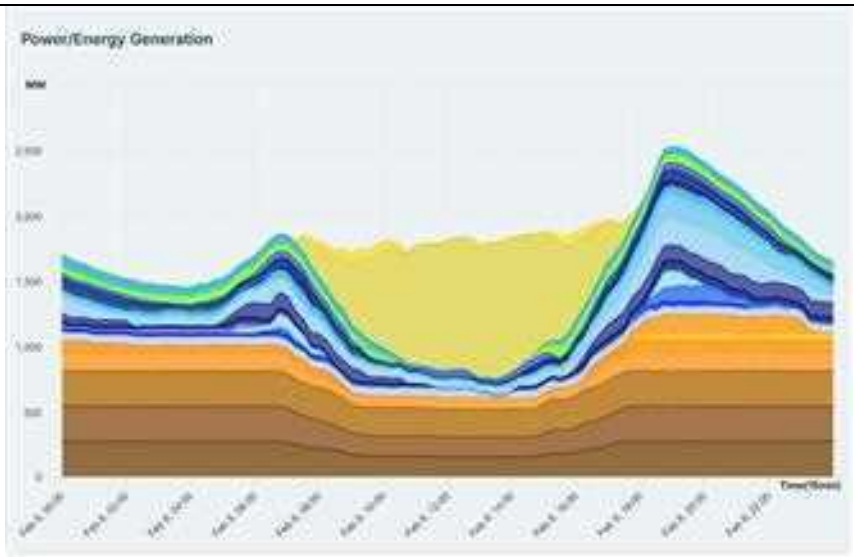
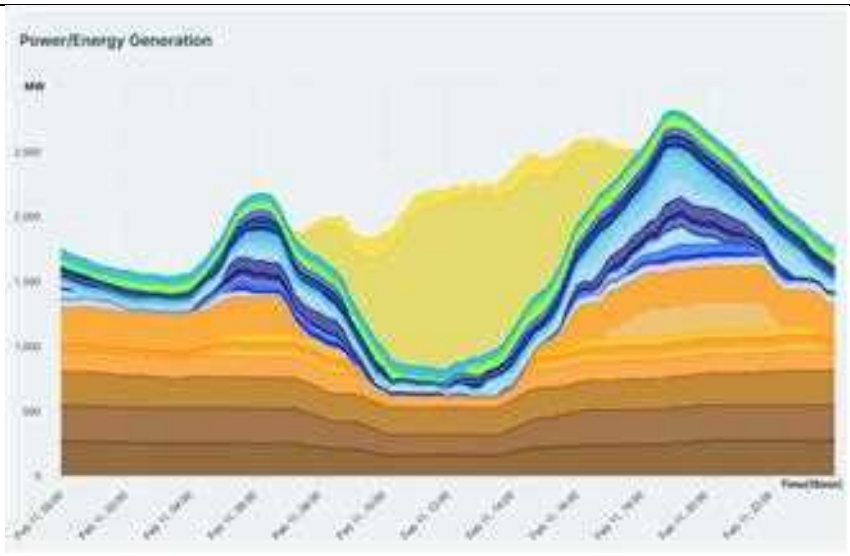
| | | |
|---|---|---|
| 2026/03/02 07.31 | SCC requested 180 MW |  |
| 2026/03/02 14.55 | SCC requested 300 MW | |
| 2026/03/03 08.29 | SCC requested 180 MW |  |
| 2026/03/03 14.01 | SCC requested full load | |

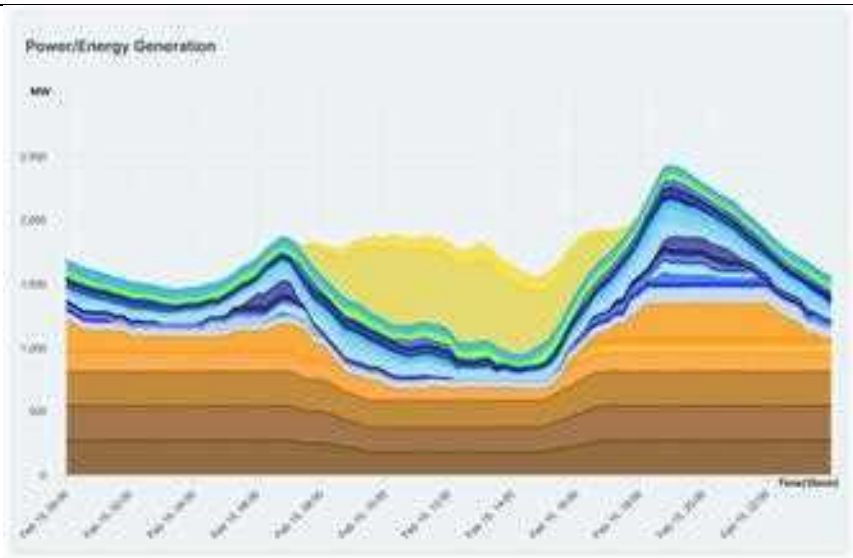
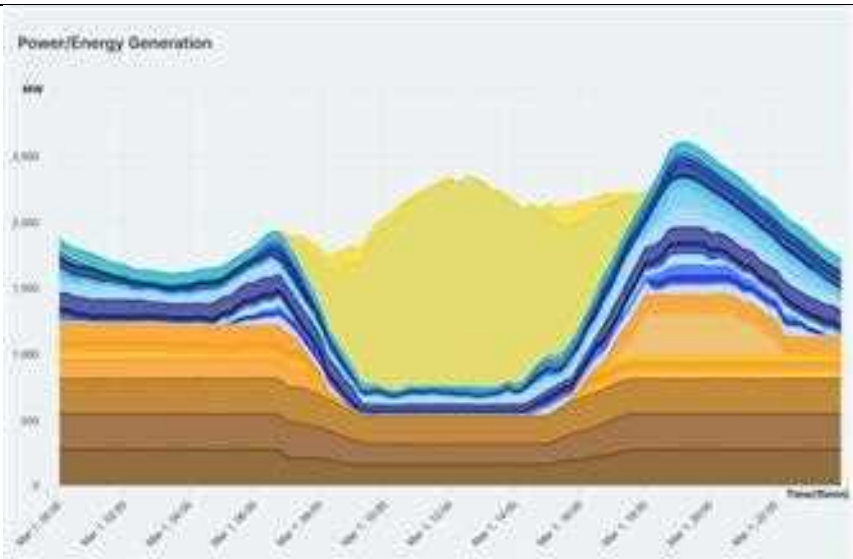
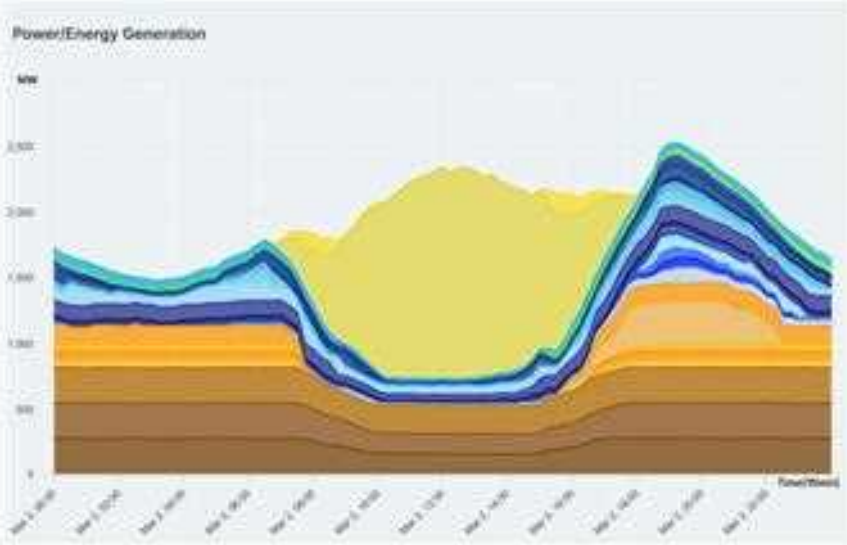
| | | |
|---|---|---|
| 2026/03/08 08.08 | Unit deload to 180 MW as per the request of SCC |  |
| 2026/03/08 14.32 | SCC requested 300 MW | |

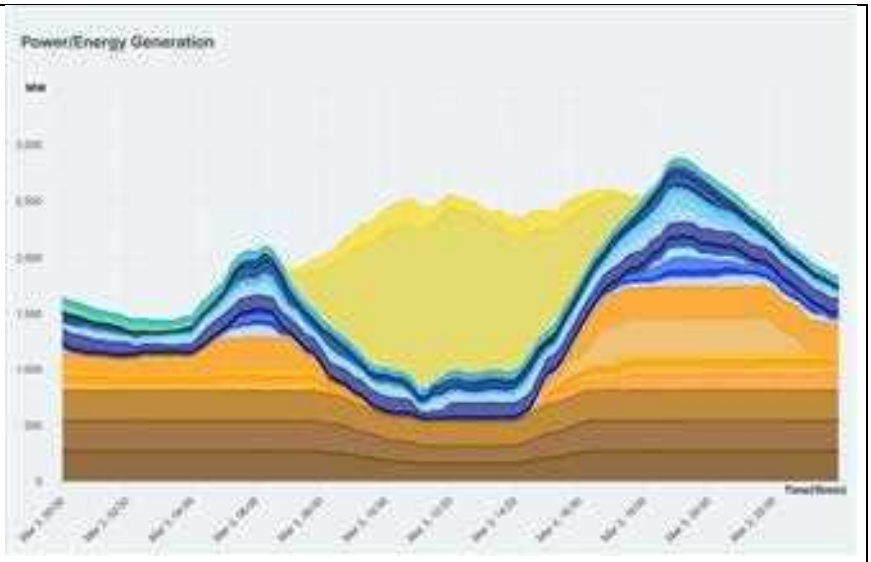
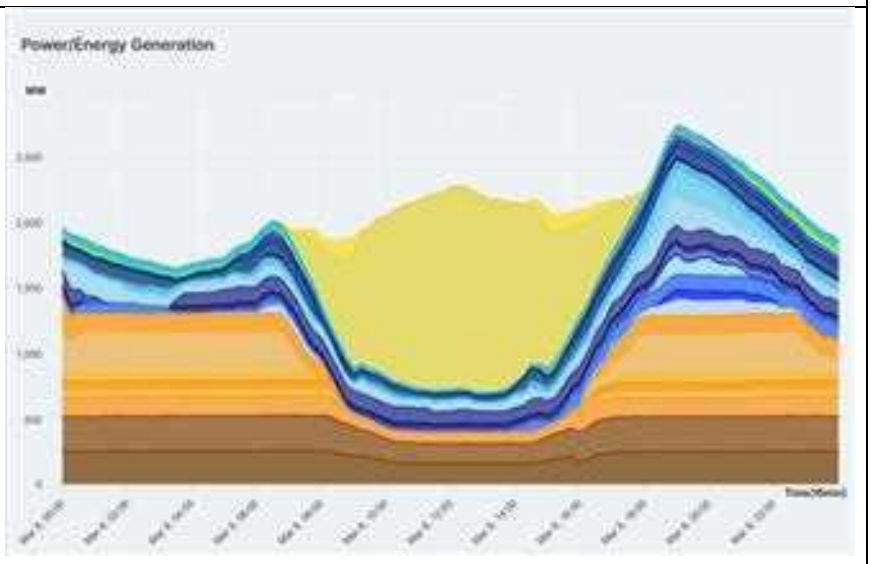
| Date and Time | Note mentioned in the Log Book at the Unit 03 | Generation Curve for all Plants |
|---|---|---|
| 2026/01/18 7.20 | SCC requested 180 MW |  |
| 2026/01/18 14.22 | SCC requested 300 MW | |
| 2026/01/20 08.12 | SCC requested 200 MW |  |
| 2026/01/20 13.50 | SCC requested Full Road | |
| 2026/01/22 8.00 | SCC requested minimum possible load |  |
| 2026/01/22 14.14 | SCC requested 300 MW | |

| | | |
|---|---|---|
| 2026/01/24 07.26 | SCC requested 180 MW |  |
| 2026/01/24 13.47 | SCC requested 300 MW | |
| 2026/01/25 07.00 | SCC requested 180 MW |  |
| 2026/01/25 14.37 | SCC requested full load | |
| 2026/01/27 07.38 | SCC requested 180 MW |  |
| 2026/01/27 13.56 | SCC requested full load | |

| | | |
|---|---|---|
| 2026/01/28 08.33 | SCC requested 180 MW |  |
| 2026/01/28 14.05 | SCC requested full load | |
| 2026/01/29 07.57 | SCC requested 180 MW |  |
| 2026/01/29 14.08 | SCC requested 300 MW | |
| 2026/01/31 07.37 | SCC requested 180 MW |  |
| 2026/01/31 15.40 | Unit loaded to 300 MW as per the instruction of SCC | |

| | | |
|---|---|---|
| 2026/02/04 06.40 | SCC requested 180 MW |  |
| 2026/02/04 15.14 | SCC requested 300 MW | |
| 2026/02/08 06.49 | SCC requested minimum load |  |
| 2026/02/08 15.47 | SCC requested 300 MW | |
| 2026/02/11 07.16 | SCC requested to deload machine to 180 MW |  |
| 2026/02/11 13.34 | SCC requested 300 MW | |

| | | |
|---|---|---|
| 2026/02/15 08.03 | SCC requested 220 MW |  |
| 2026/02/15 14.57 | SCC requested 300 MW | |
| 2026/03/01 08.04 | SCC requested 180 MW |  |
| 2026/03/01 14.57 | SCC requested full load | |
| 2026/03/02 07.31 | SCC requested 180 MW |  |
| 2026/03/02 14.55 | SCC requested 300 MW | |

| | | |
|---|---|---|
| 2026/03/03 08.29 | SCC requested 180 MW |  |
| 2026/03/03 14.01 | SCC requested full load | |
| 2026/03/08 08.08 | Unit deload to 180 MW as per the request of SCC |  |
| 2026/03/08 14.32 | SCC requested 300 MW | |

**Coal feeding details from 01st January 2026**

| | |
|---|---|
| South African | |
| Russian | |

R- Reclaiming

| Date | Feed Qty. RU./day | Feed Qty. SA/day | Total Feed Qty./day | Unit 01 Shift | | | Unit 02 Shift | | | Unit 03 Shift | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Morning | Evening | Night | Morning | Evening | Night | Morning | Evening | Night | |
| January 1, 2026 | 1,324 | 1,719 | 3,043 | | | | | | | | Ship-12 | Ship-12 | 09:30-12:40 Morning (Russian 1324T)<br>16:45-18:40 Evening(South African 915T)<br>22:30-00:40Night(South African 804T) |
| January 2, 2026 | 0 | 2,979 | 2,979 | | | | | | | Ship-12 | Ship-12 | Ship-12 | 09:20-12:40 Morning (South African 1534T)<br>17:21-19:05 Evening(South African 911T)<br>22:00-23:20Night(South African 534T) |
| January 3, 2026 | 0 | 3,053 | 3,053 | | | | | | | Ship-12 | Ship-12 | Ship-12 | 09:20-13:32 Morning (South African 1604T)<br>16:00-18:20 Evening(South African 563T)<br>22:33-00:55Night(South African 886T) |
| January 4, 2026 | 0 | 2,760 | 2,760 | | | | | | | Ship-12 | Ship-12 | Ship-12 | 9:20-13:40 Morning (South African 1599T)<br>17:00-18:40 Evening(South African 694T)<br>22:50-00:10Night(South African 467T) |
| January 5, 2026 | 0 | 3,228 | 3,228 | | | | | | | Ship-12 | Ship- 12 | Ship-13 | 9:20-12:15 Morning (South African 1357T)<br>16:29-18:10 Evening(South African 1018T)<br>23:10-01:05 Night(South African 853T) |
| January 6, 2026 | 0 | 2,982 | 2,982 | | | | | | | Ship-13 | Ship- 13 | Ship-13 | 10:15-13:40 Morning (South African1441T)<br>17:33-20:00 Evening(South African 992T)<br>22:50-00:20 Night(South African 549T) |
| January 7, 2026 | 0 | 3,170 | 3,170 | | | | | | | Ship-13 | Ship- 13 | Ship-13 | 10:10-11:20 Morning (South African1103T)<br>18:30-20:40 Evening(South African 1490T)<br>22:53-00:10 Night(South African 577T) |
| January 8, 2026 | 0 | 2,522 | 2,522 | | | | | | | Ship-13 | Ship- 13 | Ship-13 | 09:35-12:28 Morning (South African110T)<br>18:40-20:40 Evening(South African 467T)<br>22:28-01:55 Night(South African 1945T) |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January 9, 2026 | 2,609 | 0 | 2,609 | | | | | | | | | | 09:50-11:45 Morning (Russian1217T)<br>17:30-19:20 Evening(Russian 842T)<br>22:35-23:38 Night(Russian 550T) |
| January 10, 2026 | 2,870 | 0 | 2,870 | | | | | | | | | | 09:23-11:54 Morning (Russian 1275T)<br>17:18-18:39 Evening(Russian 782T)<br>22:35-23:55 Night(Russian 813T) |
| January 11, 2026 | 3,706 | 0 | 3,706 | | | | | | | | | | 09:03-11:12 Morning (Russian 956T)<br>17:04-18:45 Evening(Russian 1097T)<br>22:05-00:37 Night(Russian 1653T) |
| January 12, 2026 | 5,561 | 0 | 5,561 | | | | | | | | | | 09:30-13:52 Morning (Russian 2593T)<br>17:05-20:10 Evening(Russian 1739T)<br>22:30-00:29 Night(Russian 1229T) |
| January 13, 2026 | 5,508 | 0 | 5,508 | | | | | | | | | | 09:00-12:53 Morning (Russian 2377T)<br>16:50-19:52 Evening(Russian 2032T)<br>22:30-00:25 Night(Russian 1099T) |
| January 14, 2026 | 6,070 | 0 | 6,070 | | | | | | | | | | 09:50-13:40 Morning (Russian 2790T)<br>16:40-20:10 Evening(Russian 2050T)<br>22:36-00:30 Night(Russian 1230T) |
| January 15, 2026 | 5,675 | 0 | 5,675 | | | | | | | | | | 09:10-12:25 Morning (Russian 2435T)<br>16:45-19:45 Evening(Russian 1613T)<br>22:45-01:00 Night(Russian 1627T) |
| January 16, 2026 | 5,697 | 0 | 5,697 | | | | | | | | | | 09:05-12:38 Morning (Russian 2439T)<br>16:20-19:05 Evening(Russian 1827T)<br>22:24-00:25 Night(Russian 1431T) |
| January 17, 2026 | 5,687 | 0 | 5,687 | | | | | | | | | | 09:07-13:05 Morning (Russian 2981T)<br>16:40-19:00 Evening(Russian 1317T)<br>22:05-00:13 Night(Russian 13898T) |
| January 18, 2026 | 6,087 | 0 | 6,087 | | | | | | | | | | 09:07-13:10 Morning (Russian 3012T)<br>16:38-18:40 Evening(Russian 1190T)<br>22:26-01:00 Night(Russian 1885T) |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January 19, 2026 | 7,127 | 0 | 7,127 | | | | | | | | | | | 09:00-12:50 Morning (Russian 2434T)<br>16:30-20:32 Evening(Russian 2842T)<br>21:45-01:00 Night(Russian 1851T) |
| January 20, 2026 | 0 | 9,325 | 9,325 | **Ship-14** | **Ship-14** | **Ship-14** | **Ship-14** | **Ship-14** | **Ship-14** | **Ship-14** | **Ship-14** | **Ship-14** | | 09:05-13:45 Morning (South African 2203T)<br>14:45-20:50 Evening(South African 3171T)<br>21:55-07:20 Night(South African 3951T) |
| January 21, 2026 | 4,434 | 4,478 | 8,912 | **Ship-14** | **Ship-14** | | **Ship-14** | **Ship-14** | | **Ship-14** | **Ship-14** | | | 09:13-20:14 Morning (South African 4478T)<br>20:55-02:25 Night (Russian 4434T) |
| January 22, 2026 | 9,910 | 0 | 9,910 | | | | | | | | | | | 09:34-14:29 Morning (Russian 3242T)<br>16:00-18:46 Evening(Russian 1784T)<br>21:31-01:55 Night(Russian 4884T) |
| January 23, 2026 | 7,935 | 0 | 7,935 | | | | | | | | | | | 09:16-13:49 Morning (Russian 3656T)<br>17:20-20:21 Evening(Russian 2438T)<br>21:55-01:30 Night(Russian 1841T) |
| January 24, 2026 | 8,179 | 0 | 8,179 | | | | | | | | | | | 09:12-13:58 Morning (Russian 2191T)<br>15:25-17:40 Evening(Russian 1380T)<br>20:18-02:40 Night(Russian 4608T) |
| January 25, 2026 | 8,042 | 0 | 8,042 | | | | | | | | | | | 09:19-14:15 Morning (Russian 3350T)<br>15:28-19:12 Evening(Russian 2593T)<br>21:30-00:45 Night(Russian 2099T) |
| January 26, 2026 | 4,651 | 3,898 | 8,549 | | | **Ship-15** | | | **Ship-15** | | | **Ship-15** | | 08:45-14:00 Morning (Russian 4042T)<br>16:20-17:25 Evening(Russian609T)<br>22:00-04:15 Night(South African 3898T) |
| January 27, 2026 | 1,721 | 6,556 | 8,277 | **Ship-15** | | | **Ship-15** | | | **Ship-15** | | | | 09:00-20:15 Morning (South African 6556T)<br>21:55-22:55 (Russian 1721T) |
| January 28, 2026 | 8,861 | 0 | 8,861 | | | | | | | | | | | 04:15-10:38 Morning (Russian 3400T)<br>15:28-19:38 Evening(Russian 3396T)<br>21:42-00:48 Night(Russian 2065T) |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January 29, 2026 | 8,622 | 0 | 8,622 | | | | | | | | | | 08:45-13:58 Morning (Russian 4143T)<br>16:25-20:10 Evening(Russian 2613T)<br>22:05-00:55 Night(Russian 1866T) |
| January 30, 2026 | 8,633 | 0 | 8,633 | | | | | | | | | | 09:05-14:20 Morning (Russian 4427T)<br>16:50-19:32 Evening(Russian 1936T)<br>22:10-01:20 Night(Russian 2270T) |
| January 31, 2026 | 7,768 | 0 | 7,768 | | | | | | | | | | 09:00-14:10 Morning (Russian 3818T)<br>16:10-19:00 Evening(Russian 1802T)<br>21:40-01:25 Night (Russian 2148T) |
| February 1, 2026 | 6,366 | 1,432 | 7,798 | | | **Ship-16** | | | | | | **Ship-16** | 09:10-14:10 Morning (Russian 3838T)<br>16:20-19:05 Evening(Russian 1711 T)<br>21:35-01:40Night[(South African 1432T & Russian 817 T )] |
| February 2, 2026 | 5,053 | 3,792 | 8,845 | | | **Ship-16** | | | | **Ship-16** | **Ship-16** | **Ship-16** | 08:45- 20:20 Morning [(08:55-10:30 Russian 1083T)(10:35-14:30 South African 1560T)(14:40-18:50 Russian 3082T)(19:05-20:20 South African 816T)]<br>22:00-02:19 Night [(22:20-00:25 South African 1410 T)(00:40-02:19 Russian 894 T)] |
| February 3, 2026 | 8,126 | 0 | 8,126 | | | | | | | | | | 9:20-14:15 Morning (Russian 2210T)<br>15:35-20:25 Evening (Russian 3364T)<br>21:50-1:35 Night (Russian 2552T) |
| February 4, 2026 | 7,653 | 0 | 7,653 | | | | | | | | | | 9:00-11:54 Morning (Russian 1646T)<br>14:20-20:20 Evening (Russian 4282T)<br>21:40-00:45 Night (Russian 1725T) |
| February 5, 2026 | 5,754 | 3,677 | 9,431 | | **Ship-17** | **Ship-17** | | | | | **Ship-17** | **Ship-17** | 8:50-14:10 Morning (Russian 3916T)<br>16:20-20:09 Evening [(16:20-17:15 Russian 774T)(17:38-20:02 South African 1616T)]<br>21:20-1:35 Night [21:20-00:02 South African 2061T)(0:15-1:30 Russian 1064T)] |
| February 6, 2026 | 6,679 | 1,554 | 8,233 | **Ship-17** | | | | | | **Ship-17** | | | 8:30-13:25 Morning [(8:55-11:15 South African 1554T)(11:27-13:20 Russian 1497T)]<br>14:15-19:04 Evening (Russian 3504T)<br>21:30-00:30 Night (Russian 1678T) |
| February 7, 2026 | 7,993 | 0 | 7,993 | | | | | | | | | | 9:00-14:00 Morning (Russian 2997T)<br>18:20-20:20 Evening (Russian 1698T)<br>21:58-1:50 Night (Russian 3298T) |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| February 8, 2026 | 8,095 | 0 | 8,095 | | | | | | | | | | 9:15-14:10 Morning (Russian 3893T)<br>16:13-18:41 Evening (Russian 1777T)<br>22:05-1:50 Night (Russian 2487T) |
| February 9, 2026 | 7,528 | 0 | 7,528 | | | | | | | | | | 9:18-14:32 Morning (Russian 3535T)<br>16:40-19:35 Evening (Russian 2326T)<br>22:00-00:45 Night (Russian 1667T) |
| February 10, 2026 | 4,468 | 4,076 | 8,544 | | **Ship 18** | **Ship 18** | | | | | **Ship 18** | **Ship 18** | 9:00-13:09 Morning (Russian 2632T)<br>17:10-20:40 Evening [(17:10-18:15 South African 558T) (18:20-19:40 Russian 941T)(19:45-20:30 South African275T)]<br>21:45-06:00 Night[(21:45-22:10 South African 154T)(22:15-00:19 South African 1359T)(00:23-01:44 Russian 895T)(01:50-05:50 South African 1730T)] |
| February 11, 2026 | 7,430 | 0 | 7,430 | | | | | | | | | | 08:50-14:15 Morning (Russian 3276T)<br>16:30-20:20 Evening(Russian 2709T)<br>22:16-00:40 Night(Russian 1445T) |
| February 12, 2026 | 8297 | 0 | 8297 | | | | | | | | | | 09:00-14:25 Morning (Russian 4077T)<br>16:40-20:15 Evening(Russian 2487T)<br>22:15-00:50 Night(Russian 1773T) |
| February 13, 2026 | 8638 | 0 | 8638 | | | | | | | | | | 09:00-12:37 Morning (Russian 4453T)<br>16:24-18:50 Evening (Russian 2139T)<br>21:37-01:07 Night (Russian 2046T) |
| February 14, 2026 | 8587 | 0 | 8587 | | | | | | | | | | 09:00-14:10 Morning (Russian 3781T)<br>16:30-20:20 Evening (Russian 2523T)<br>21:20-00:50 Night (Russian 2283T) |
| February 15, 2026 | 6549 | 1840 | 8389 | | | **Ship 19** | | | | | | **Ship 19** | 08:43-13:55 Morning (Russian 3746T)<br>17:00-20:10 Evening (Russian 2349T)<br>21:10-02:10 Night [(22:10-22:57/23:44-01:25 South African- Direct 1333T)(23:05-23:49 Russian coal 454T)(01:28-02:10 South African Reclaming 507T)] |
| February 16, 2026 | 4690 | 3478 | 8168 | **Ship 19** | | | | | | **Ship 19** | **Ship 19** | | 08:50-13:26 Morning [(09:00-11:10 Russian 1282T)(8:55-11:05 South African- Direct 1051T)(11:15-12:55 South African-Reclaim1462T)]<br>16:20-19:17 Evening [(16:23-18:18 Russian 1425T)(17:-17-17:56 South African- Reclaim 327T)(17:17-17:37 South African- Direct 638T)]<br>21:50-01:15 Night (Russian 1983T) |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| February 17, 2026 | 8391 | 0 | 8391 | | | | | | | | | | 09:10-14:10 Morning (Russian 3196T)<br>16:15-20:15 Evening (Russian 2721T)<br>21:15-01:05 Night (Russian 2474T) |
| February 18, 2026 | 8253 | 0 | 8253 | | | | | | | | | | Morning 09:08:08-14:14 (Russian 3841T)<br>Evening 16:38-20:00 (Russian 2445T)<br>Night 21:45-01:07(Russian 1967T) |
| February 19, 2026 | 8233 | 0 | 8233 | | | | | | | | | | 09:20-14:29 Morning (Russian 3681T)<br>17:31-20:20 Evening (Russian 2261T)<br>22:0-01:20 Night (Russian 2291T) |
| February 20, 2026 | 8228 | 0 | 8228 | | | | | | | | | | 08:53-13:53 Morning (Russian 3433T)<br>17:53-20:05 Evening (Russian 1521T)<br>21:05-01:35 Night (Russian 3274T) |
| February 21, 2026 | 6821 | 1220 | 8041 | | | **Ship 20** | | | | | | **Ship 20** | 09:51-14:24 Morning (Russian 3749T)<br>16:20-20:08 Evening (Russian 2532T)<br>21:20-1:35 Night [21:29-22:55 South African 1220T)(23:00-1:10 Russian540T)] |
| February 22, 2026 | 2438 | 5530 | 7968 | **Ship 20** | **Ship 20** | **Ship 20** | | | | **Ship 20** | **Ship 20** | **Ship 20** | 08:30-14:02 Morning [(09:00-10:40 Russian 960T)(09:01-13:55 South African 2737T)]<br>16:00-19:40 Evening [(16:25-18:38 South African1559T) (18:45-19:40 Russian 597T)]<br>21:30-1:00 Night [21:50-23:45 South African 1234T)(23:37-00:23 Russian 881T)] |
| February 23, 2026 | 7909 | 0 | 7909 | | | | | | | | | | 08:50-13:40 Morning (Russian 3459T)<br>16:39-20:25 Evening (Russian 2797T)<br>22:05-01:12 Night (Russian 1653T) |
| February 24, 2026 | 7964 | 0 | 7964 | | | | | | | | | | 08:45-14:25 Morning (Russian 3833T)<br>16:14-19:28 Evening (Russian 2252T)<br>21:15-01:15 Night (Russian 1879T) |
| February 25, 2026 | 7786 | 0 | 7786 | | | | | | | | | | 09:05-14:20 Morning (Russian 3765T)<br>16:23-20.01 Evening (Russian 2611T)<br>21:40-00:50 Night (Russian 1410T) |
| February 26, 2026 | 6353 | 2267 | 8620 | | | **Ship 21** | | | | | | **Ship 21** | 09:05-14:20 Morning (Russian 3527T)<br>16:30-19:50 Evening (Russian 2126T)<br>22:00-02:54 Night [(22:00-02:15 Russian 700T)(22:13-01:28 South African 2267T)] |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| February 27, 2026 | 3827 | 5834 | 9661 | **Ship 21** | **Ship 21** | | | | | **Ship 21** | **Ship 21** | | 09:10-14:25 Morning [(09:10-11:05 Russian 1258T)(9:20-11:20 South African 710T 11:30-13:35 South African 2460T 13:40-14:10 South African 379T)]<br>15:40-20:05 Evening [(15:40-18:20 South African 1726T 18:28-19:30 south African 559T)(18:28-19:35 Russian 987T)]<br>21:40-00:12 Night (Russian 1582T) |
| February 28, 2026 | 7675 | 0 | 7675 | | | | | | | | | | 08:55-14:00 Morning (Russian 3196T)<br>19:20-23:00 Evening (Russian 2690T)<br>00:00-02:50 Night (Russian 1789T) |
| March 1, 2026 | 6213 | 1312 | 7525 | | **finished** | **Ship 13-R** | | **finished** | **Ship 13-R** | | **finished** | **Ship 13-R** | 09:10-14:20 Morning (Russian 3457T)<br>15:50-22:40 Evening (Russian 2756T)<br>23:18-01:40 Night (South African 1312T) |
| March 2, 2026 | 0 | 8925 | 8925 | **Ship 13-R** | **Ship 13-R** | **Ship 13-R** | **Ship 13-R** | **Ship 13-R** | **Ship 13-R** | **Ship 13-R** | **Ship 13-R** | **Ship 13-R** | 09:05-14:20 Morning (South African 3912T)<br>116:15-19:27 Evening (South African 2976T)<br>22:45-0:30 Night (South African 2037T) |
| March 3, 2026 | 0 | 8678 | 8678 | **Ship 13-R** | **Ship 13&19-R** | **Ship 13&19-R** | **Ship 13-R** | **Ship 13&19-R** | **Ship 13&19-R** | **Ship 13-R** | **Ship 13&19-R** | **Ship 13&19-R** | 09:10-14:20 Morning (South African 3753T)<br>16:20-20:15 Evening (South African 2970T)<br>22:35-00:50 Night (South African 1955T) |
| March 4, 2026 | 0 | 9960 | 9960 | **Ship 7&8-R Ship 11 - D** | **Ship 7&8-R Ship 11 - D** | **Ship 7&8-R** | **Ship 7&8-R Ship 11 - D** | **Ship 7&8-R Ship 11 - D** | **Ship 7&8-R** | **Ship 7&8-R Ship 11 - D** | **Ship 7&8-R Ship 11 - D** | **Ship 7&8-R** | 08:50-14:40 Morning (South African 3753T)(12:20-14:30 Direct feeding)<br>15:45-19:15 Evening (South African 2970T)(15:50-18:35 Direct feeding)<br>22:05-01:35 Night (South African 1955T) |

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CEB GOV. Audit <poe.c.nao1@gmail.com>

# Request for Generation Capacity

**PW Bamunusinghe** <PW.Bamunusinghe@ceb.lk> 23 February 2026 at 12:04
To: "CEB GOV. Audit" <poe.c.nao1@gmail.com>

Dear Ms. Niroshani,

Please refer to the attachment accordingly.

Thank You,

**Eng. P.W. Bamunusinghe**
Power Plant Manager
Lakvijaya Power Plant
☎ +94 322268977 **Ext: 8450**
+94 322268966
PW.Bamunusinghe@ceb.lk

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**From:** CEB GOV. Audit <poe.c.nao1@gmail.com>
**Sent:** 19 February 2026 15:22
**To:** PW Bamunusinghe <PW.Bamunusinghe@ceb.lk>
**Subject:** Request for Generation Capacity

[Quoted text hidden]

**Data for Audit (1-6) Shipment.xlsx**
14K

## UNIT 01 - Unit performance for coal shipment at full load

| Shipment No | Time Period | | Operation Duration (hrs) | Average Generation (MW) | Average Coal feed rate (T/h) | Grams of Coal used per KWh (average value) | Coal required per hour to generate 300 MW (Estimated) |
|---|---|---|---|---|---|---|---|
| | From | To | | | | | |
| Russian coal | | | | 300.00 | 113.11 | 377 | 113.11 |
| SA Ship. 01 (12) | Unit at shut down | | | | | | |
| SA Ship. 02 (13) | Unit at shut down | | | | | | |
| SA Ship. 03 (14) | 1/21/2026 3:30 | 1/21/2026 8:30 | 5 | 253.94 | 117.04 | 461 | 138.26 |
| SA Ship. 04 (15) | 1/28/2026 0:30 | 1/28/2026 8:30 | 8 | 276.03 | 118.33 | 429 | 128.60 |
| SA Ship. 05 (16) | 2/3/2026 14:22 | 2/3/2026 16:21 | 2.0 | 280.84 | 117.30 | 418 | 125.30 |
| SA Ship. 06 (17) | 2/6/2026 13:30 | 2/6/2026 22:00 | 8.5 | 262.97 | 117.43 | 447 | 133.96 |

## UNIT 02 - Unit performance for coal shipment at full lc

| Shipment No | Time Period | | Operation Duration (hrs) | Average Generation (MW) | Average Coal feed rate (T/h) | Grams of Coal used per KWh (average value) | Coal required per hour to generate 300 MW |
|---|---|---|---|---|---|---|---|
| | From | To | | | | | |
| Russian coal | | | | 300.00 | 107.58 | 359 | 107.58 |
| SA Ship. 01 (12) | Unit at shut down | | | | | | |
| SA Ship. 02 (13) | Unit at shut down | | | | | | |
| SA Ship. 03 (14) | 1/21/2026 16:30 | 1/22/2026 0:00 | 7.5 | 264.74 | 115.39 | 436 | 130.75 |
| SA Ship. 04 (15) | 1/27/2026 16:30 | 1/28/2026 8:30 | 16 | 297.15 | 116.15 | 391 | 117.27 |
| SA Ship. 06 (17) | Main steam temperature can not be maintained since a fault in | | | | | | |

## UNIT 03 - Unit performance for coal shipment at full load

| Shipment No | Time Period | | Operation Duration (hrs) | Average Generation (MW) | Average Coal feed rate (T/h) | Grams of Coal used per KWh (average value) | Coal required per hour to generate 300 MW (t/h) |
|---|---|---|---|---|---|---|---|
| | From | To | | | | | |
| Russian coal | | | | 300.00 | 107.07 | 357 | 107.07 |
| SA Ship. 01 (12) | 1/3/2026 15:00 | 1/4/2026 10:00 | 19 | 286.97 | 115.86 | 404 | 121.12 |
| SA Ship. 02 (13) | 1/5/2026 14:00 | 1/9/2026 9:00 | 91 | 292.06 | 114.09 | 391 | 117.19 |
| SA Ship. 03 (14) | 1/21/2026 15:00 | 1/22/2026 2:30 | 11.5 | 263.58 | 114.53 | 435 | 130.35 |
| SA Ship. 04 (15) | 1/27/2026 16:00 | 1/28/2026 8:30 | 16.5 | 297.06 | 114.87 | 387 | 116.01 |
| SA Ship. 05 (16) | 2/2/2026 21:00 | 2/2/2026 23:30 | 2.5 | 287.11 | 115.66 | 403 | 120.85 |
| SA Ship. 06 (17) | 2/6/2026 12:00 | 2/6/2026 23:00 | 11 | 272.70 | 113.72 | 417 | 125.10 |

Gmail

CEB GOV. Audit <poe.c.nao1@gmail.com>

# RE: Requesting Information for Audit Purposes -PWR/A/CEB/Info/2026/44

**Mohamed Razeem** <Mohamed.Razeem@ceb.lk> 12 March 2026 at 13:41
To: "poe.c.nao1@gmail.com" <poe.c.nao1@gmail.com>
Cc: PW Bamunusinghe <PW.Bamunusinghe@ceb.lk>, Abeykoon <abeykoon2001@yahoo.com>, "pwbamu@gmail.com" <pwbamu@gmail.com>

Dear Mr. Indrajith Wijedasa,

This refers to your letter no.PWR/A/CEB/Info/2026/44 dated 10.03.2026.
Please find herewith the attached information
Q1,Q4,Q5 &Q9 - Annexure 01
Q2 - Annexure 02
Q3 - Zipped folder - Q3
Q6 - Annexure 03
Q7 - Zipped folder - Q7_1 & Q7_2
Q8 - Zipped folder - Q8_1 & Q8_2

Regards,
Razeem, SAM
CE C&PM
LVPP

**8 attachments**

**Annexure 01 - Information for Audit Quary 44 of Q1 Q4 Q5 Q9.pdf**
498K

**Annexure 01 -Coal Feeding Data 17 Feb to 10 March.pdf**
448K

**Q3.zip**
68K

**Annexure 03 -FLY ASH DESTRIBUTION Feb & March.pdf**
19K

**Q7_1.zip**
4251K

**Q7_2.zip**
1914K

**Q8_1.zip**
646K

**Q8_2.zip**
2065K

Q 04 & Q 05). Average generation capacity and coal consumption rate (Shipment 5 to 11)

| Shipment No | Average Generation (MW) | | | Average Coal feed rate (T/h) | | |
|---|---|---|---|---|---|---|
| | Unit 01 | Unit 02 | Unit 03 | Unit 01 | Unit 02 | Unit 03 |
| SA Ship. 05 (16) | 280.84 | Coal was not fed to the unit since a fault in desuperheating valve. | 287.11 | 117.30 | Coal was not fed to the unit since a fault in desuperheating valve. | 115.66 |
| SA Ship. 06 (17) | 262.97 | | 272.70 | 117.43 | | 113.72 |
| SA Ship. 07 (18) | 270.17 | | 277.55 | 117.04 | | 114.64 |
| SA Ship. 08 (19) | 255.34 | | 257.76 | 117.65 | | 113.69 |
| SA Ship. 09 (20) | 252.87 | | 266.51 | 117.30 | | 117.41 |
| SA Ship. 10 (21) | 262.94 | | 274.51 | 117.78 | | 117.52 |
| SA Ship. 11 (22) | 248.38 | 254.102 | 220.85 | 115.70 | 113 | 103.17 |

Q 09). Reasons for coal rate maintaining under design value

Although the design coal feeding capacity of the unit is 126 t/h (31.5 t/h × 4 mills), the actual coal rate observed during operation may sometimes be maintained around 115–116 t/h. This is mainly due to automatic control system behavior and several operational safety considerations required for reliable plant operation.

**1. Automatic Control of Coal Feed Rate**

Under normal operating conditions, the coal feed rate of the generating unit is automatically controlled by the Distributed Control System (DCS). The system receives the required generation target (load set point) from the System Control Centre and automatically adjusts the coal flow to match the required electricity output.

This control is performed using a PID (Proportional–Integral–Derivative) controller, which continuously adjusts the coal feed rate to maintain stable boiler combustion and unit load. As part of this automatic control process, the coal feed rate does not remain constant at a single value but continuously fluctuates within a small operating band. This coal rate is decided by the load and the energy content of the coal. If the 116 t/h rate can generate the required load then it's not required to increase the feeder rate to a maximum.