

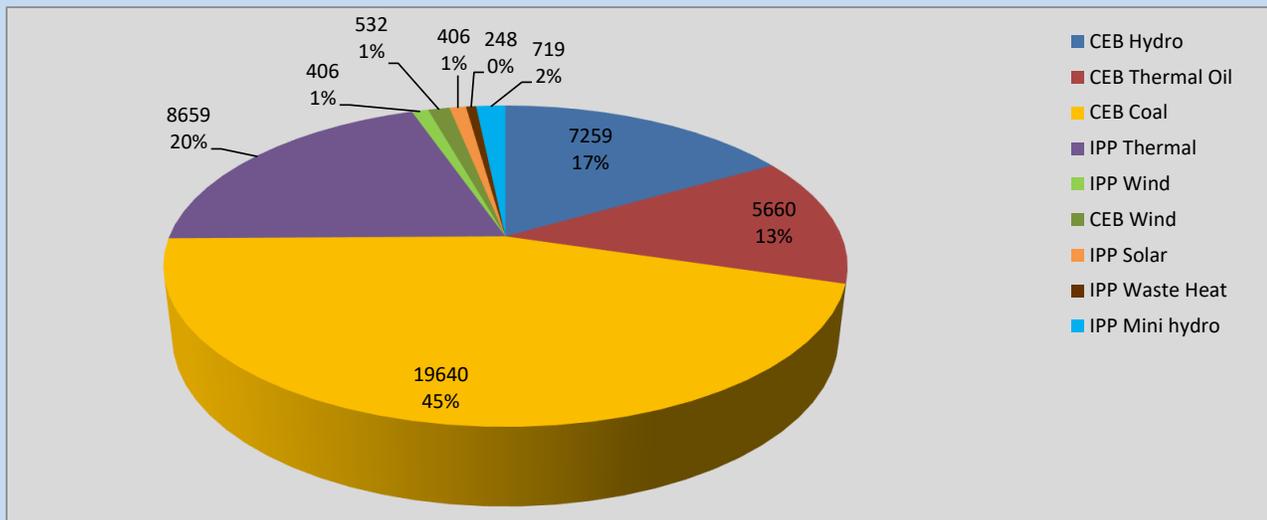
Generation and Reservoirs Statistics

March 12, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

43,311 MWh

Note: Above data is excluding contribution from Roof Top Solar, 1MW Solar and certain Mini Hydro plants

Cumulative Dispatch

Note: Following data is Excluding contribution from Roof Top Solar, 1MW solar and Mini Hydro plants

For Current Month

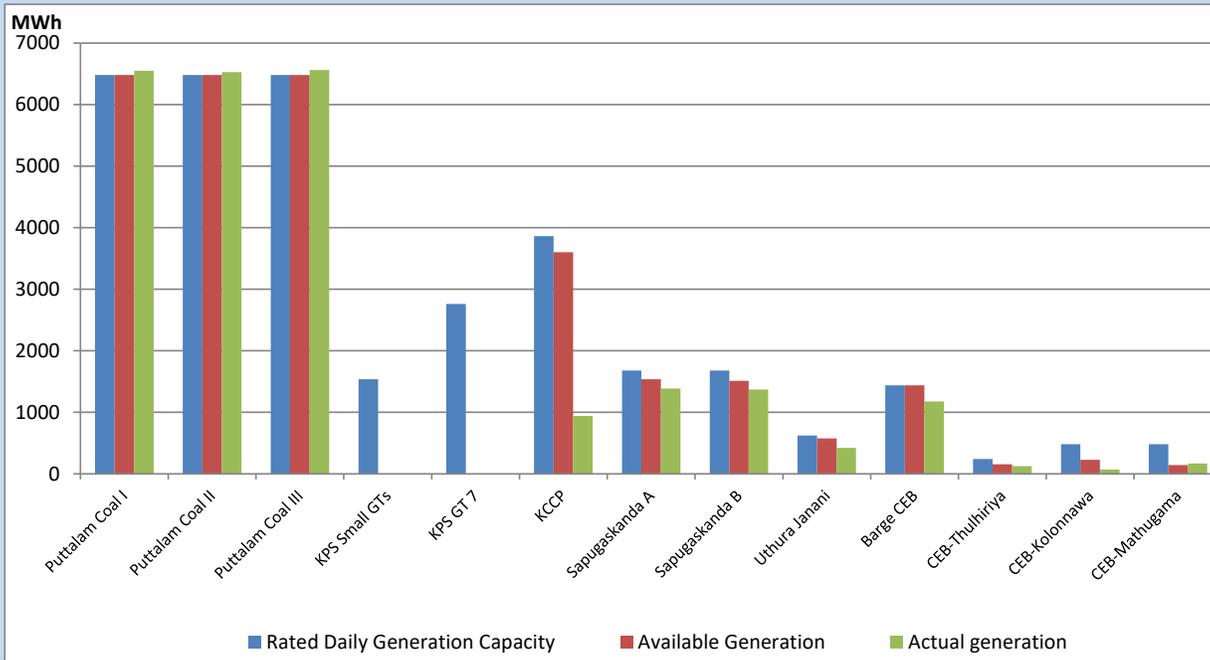
| Category | Dispatch (GWh) | Percentage |
|-----------------|----------------|------------|
| CEB Hydro | 98.42 | 18.62% |
| CEB Thermal Oil | 80.19 | 15.17% |
| CEB Coal | 235.11 | 44.48% |
| IPP Thermal | 87.04 | 16.47% |
| SPP Wind | 6.36 | 1.20% |
| CEB Wind | 9.17 | 1.74% |
| SPP Solar | 2.97 | 0.56% |
| SPP Solid Waste | 2.56 | 0.48% |
| Mini Hydro | 6.70 | 1.27% |
| Total | 528.52 | |

For Current Year

| Category | Dispatch (GWh) | Percentage |
|-----------------|----------------|------------|
| CEB Hydro | 776.2 | 25.11% |
| CEB Thermal Oil | 492.4 | 15.93% |
| CEB Coal | 1,178.7 | 38.12% |
| IPP Thermal | 478.5 | 15.48% |
| SPP Wind | 34.5 | 1.12% |
| CEB Wind | 43.4 | 1.40% |
| SPP Solar | 18.3 | 0.59% |
| SPP Solid Waste | 13.7 | 0.44% |
| Mini Hydro | 56.4 | 1.82% |
| Total | 3,091.8 | |

CEB owned Thermal Plant Dispatch

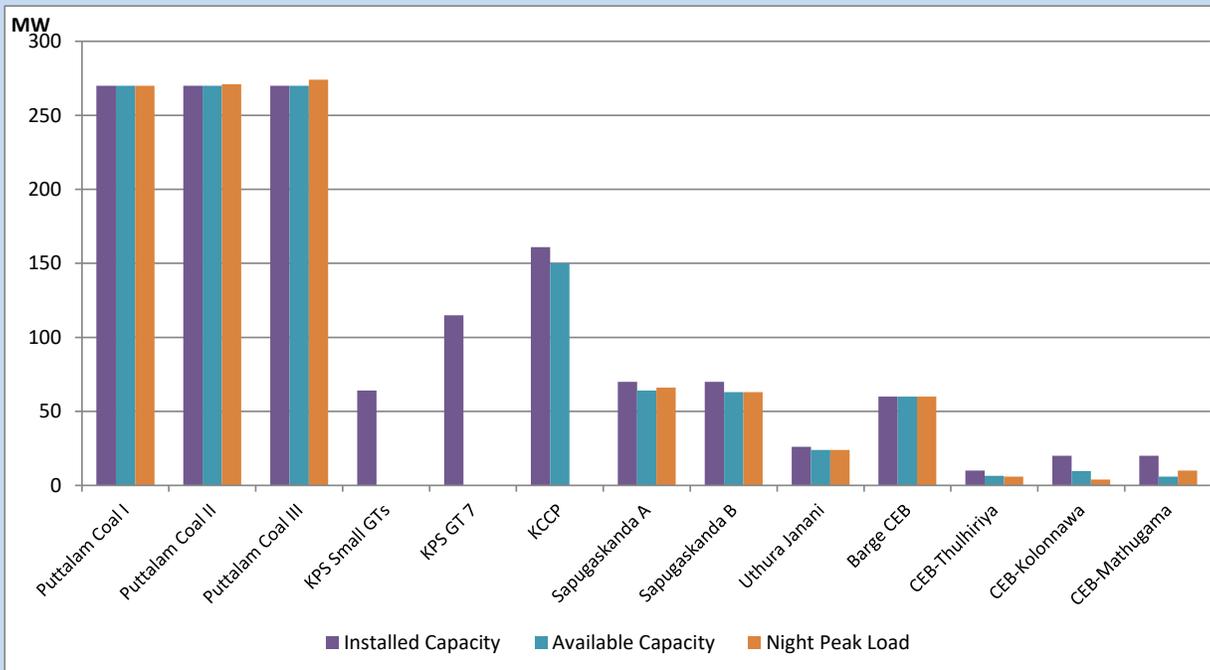
March 12, 2022



Available Generation is estimated based on plant availability at 6.00am on

March 13, 2022

CEB owned Thermal Plant Loading at the Night Peak



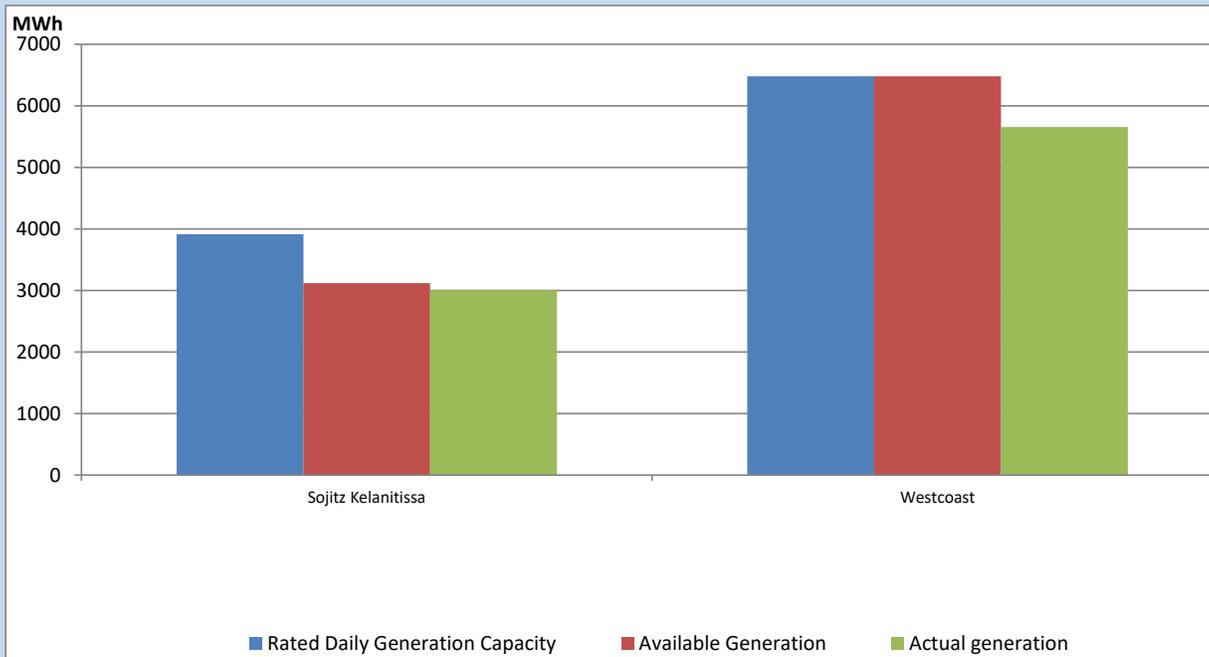
Note- Plant availability is recorded at 6.00 am on

March 13, 2022

IPP owned Thermal Plant Dispatch

March 12, 2022

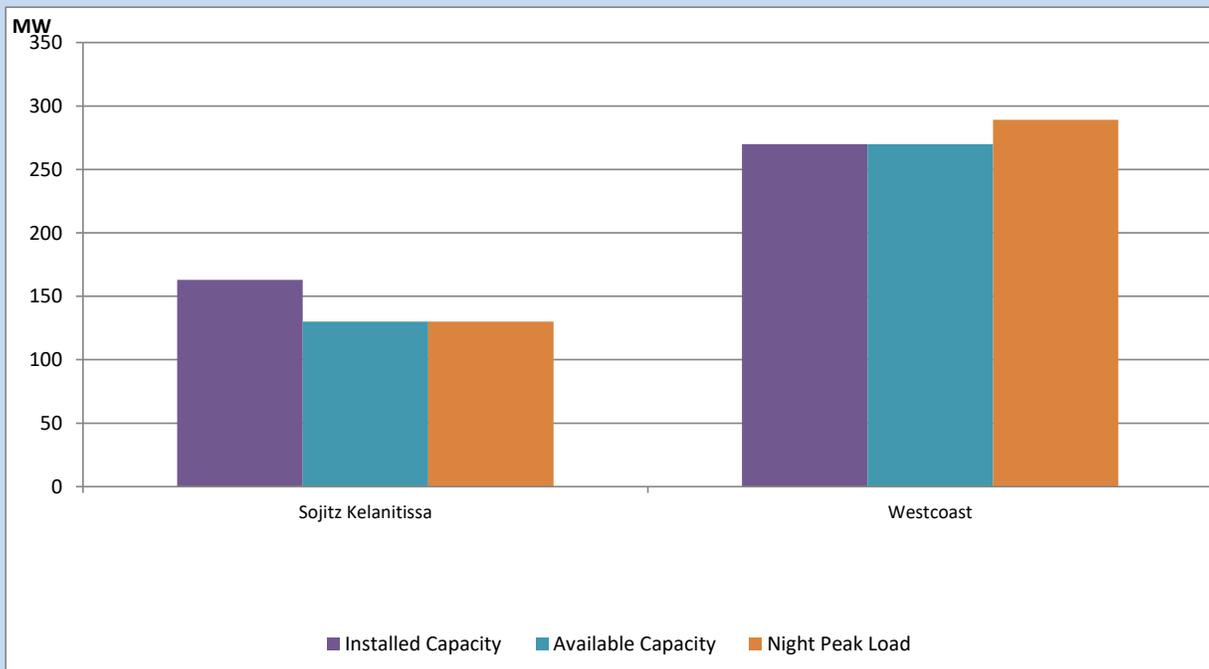
ACE Embilipitiya, ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



Available Generation is estimated based on plant availability at 6.00am on

March 13, 2022

IPP owned Thermal Plant Loading at the Night Peak

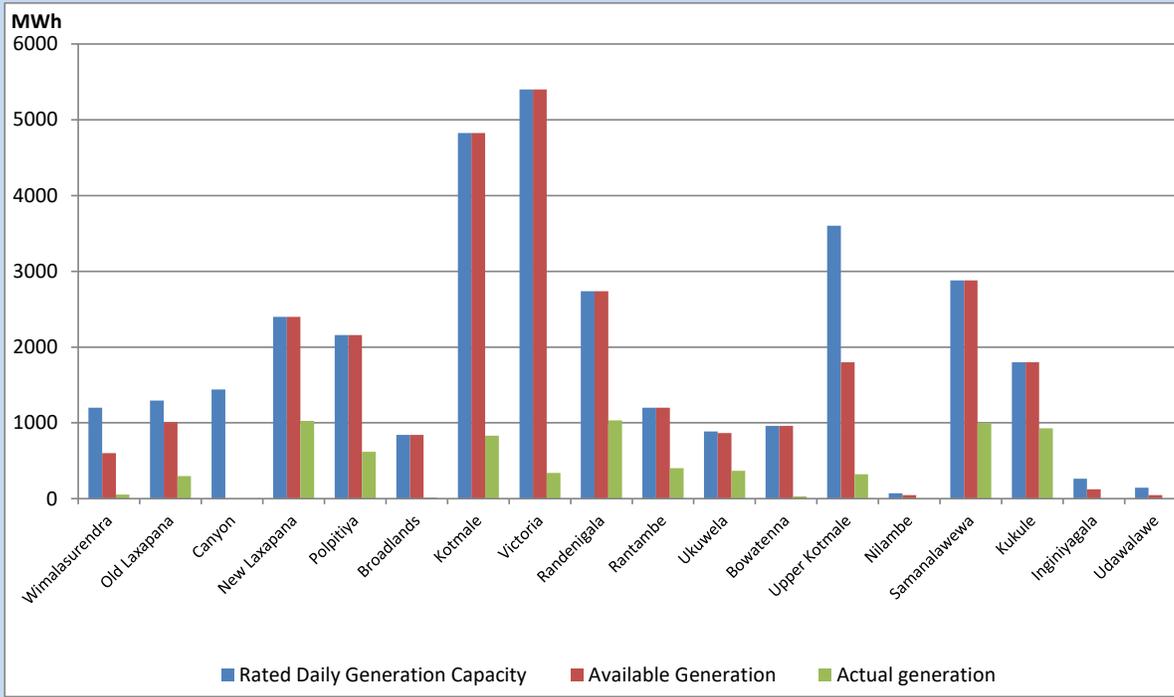


Note- Plant availability is recorded at 6.00 am on

March 13, 2022

Major Hydro Plant Dispatch

March 12, 2022

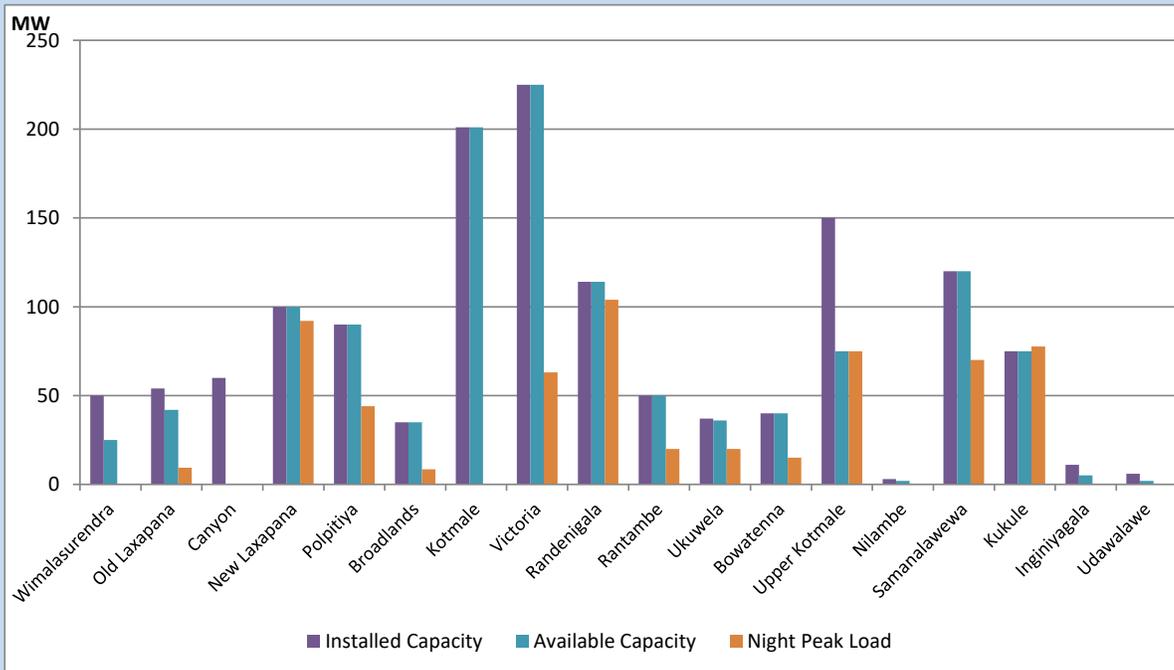


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

March 13, 2022

Major Hydro Plant Loading at Night Peak

March 12, 2022



Note- Plant availability is recorded at 6.00 am on
Broadlands power plant is operating in the Commissioning Stage

March 13, 2022

Summary of Major Plant performance

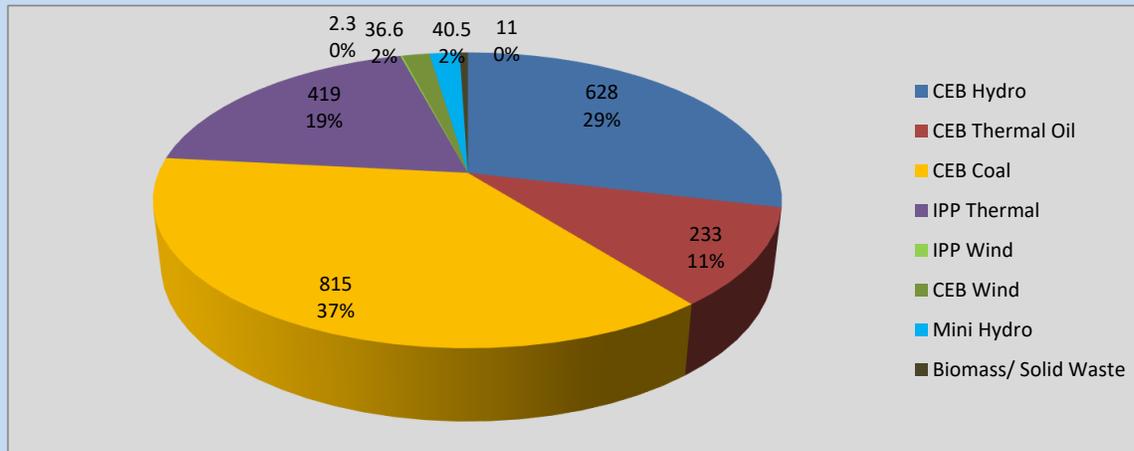
| Plant | Installed Capacity | Plant Availability | Night peak Load | Plant Dispatch |
|--------------------|--------------------|--------------------|-----------------|----------------|
| | (MW) | (MW) | (MW) | (MWh) |
| Wimalasurendra | 50 | 25 | 0 | 53 |
| Old Laxapana | 54 | 42 | 9 | 298 |
| Canyon | 60 | 0 | 0 | 0 |
| New Laxapana | 100 | 100 | 92 | 1,025 |
| Polpitiya | 90 | 90 | 44 | 619 |
| Broadlands | 35 | 35 | 9 | 14 |
| Kotmale | 201 | 201 | 0 | 830 |
| Victoria | 225 | 225 | 63 | 340 |
| Randenigala | 114 | 114 | 104 | 1,032 |
| Rantambe | 50 | 50 | 20 | 403 |
| Ukuwela | 37 | 36 | 20 | 366 |
| Bowatenna | 40 | 40 | 15 | 30 |
| Upper Kotmale | 150 | 75 | 75 | 322 |
| Nilambe | 3 | 2 | 0 | 0 |
| Samanalawewa | 120 | 120 | 70 | 998 |
| Kukule | 75 | 75 | 78 | 929 |
| Inginiyagala | 11 | 5 | 0 | 0 |
| Udawalawe | 6 | 2 | 0 | 0 |
| Puttalam Coal I | 270 | 270 | 270 | 6,549 |
| Puttalam Coal II | 270 | 270 | 271 | 6,528 |
| Puttalam Coal III | 270 | 270 | 274 | 6,563 |
| KPS Small GTs | 64 | 0 | 0 | 0 |
| KPS GT 7 | 115 | 0 | 0 | 0 |
| KCCP | 161 | 150 | 0 | 943 |
| Sapugaskanda A | 70 | 64 | 66 | 1,387 |
| Sapugaskanda B | 70 | 63 | 63 | 1,369 |
| Uthura Janani | 26 | 24 | 24 | 423 |
| Barge CEB | 60 | 60 | 60 | 1,177 |
| CEB-Thulhiriya | 10 | 6 | 6 | 126 |
| CEB-Kolonnawa | 20 | 10 | 4 | 68 |
| CEB-Mathugama | 20 | 6 | 10 | 167 |
| Sojitz Kelanitissa | 163 | 130 | 130 | 3,004 |
| West Coast | 270 | 270 | 289 | 5,655 |
| Total | 3,280 | 2,830 | 2,156 | 43,311 |

Plant availability is the availability recorded at 6 am on

March 13, 2022

Contribution to the Night Peak in MW

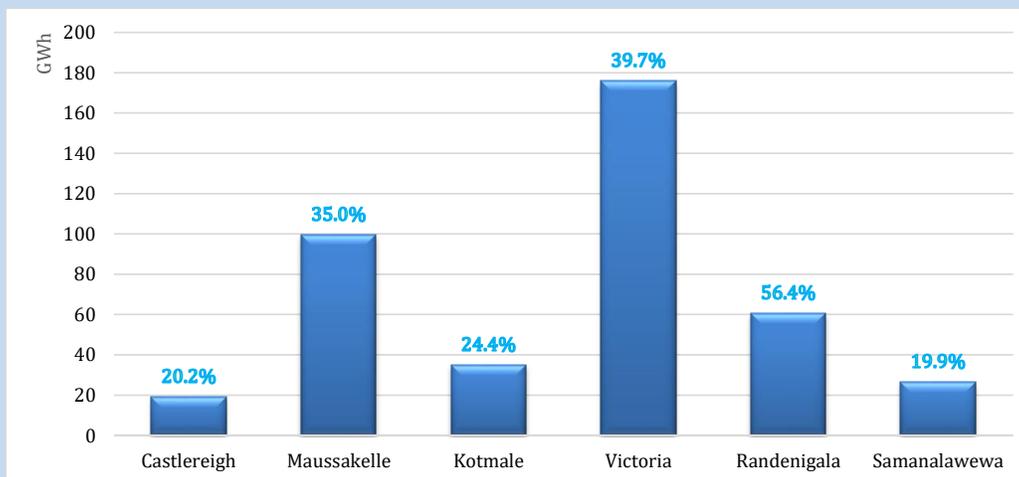
March 12, 2022



| | |
|----------------|------------|
| Night Peak* | 2,184.9 MW |
| Day Peak | 1,918.7 MW |
| Minimum Demand | 1,502.4 MW |

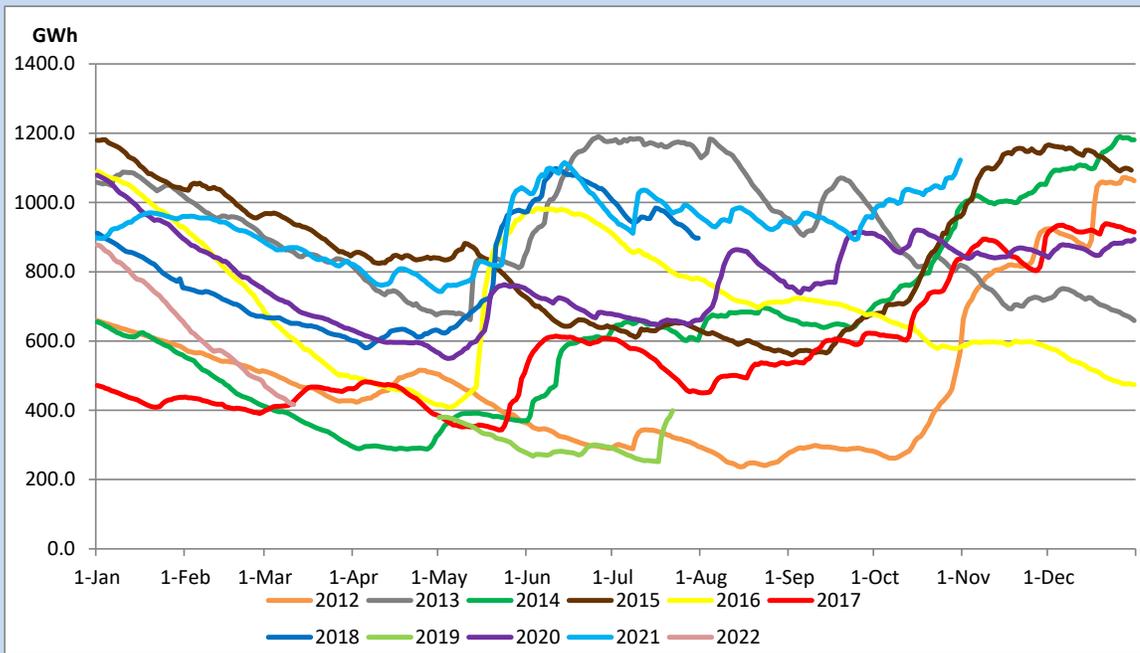
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on March 13, 2022



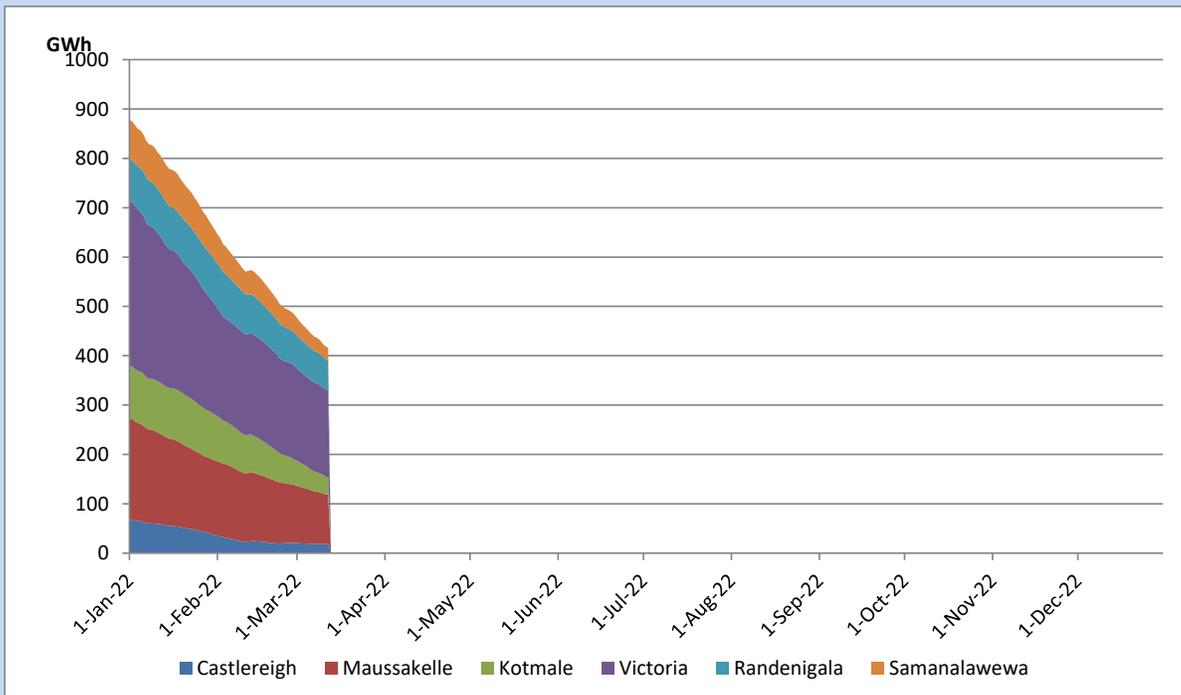
| | |
|-----------------------|-----------|
| Total Reservoir Level | 416.5 GWh |
| % of Total capacity | 32.6% |

Comparison of Total Reservoir Storage Levels with Past Years

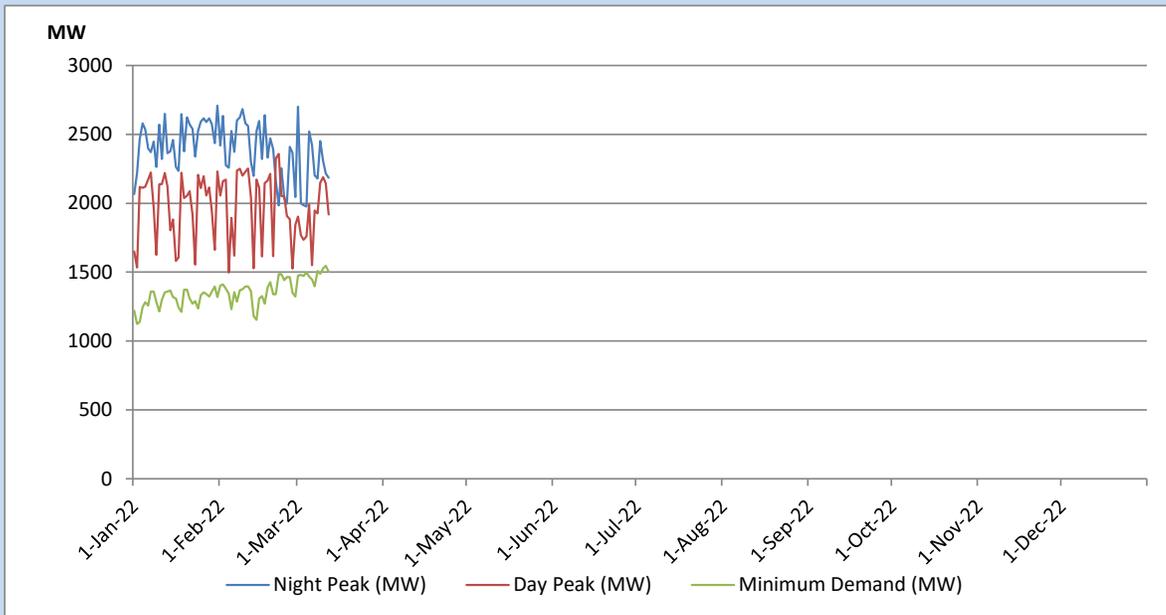


Data for 2018 and 2019 are only available for part of year.

Variation of Major Hydro Reservoir Levels in the current year (GWh)



Variation of Demand during the current year

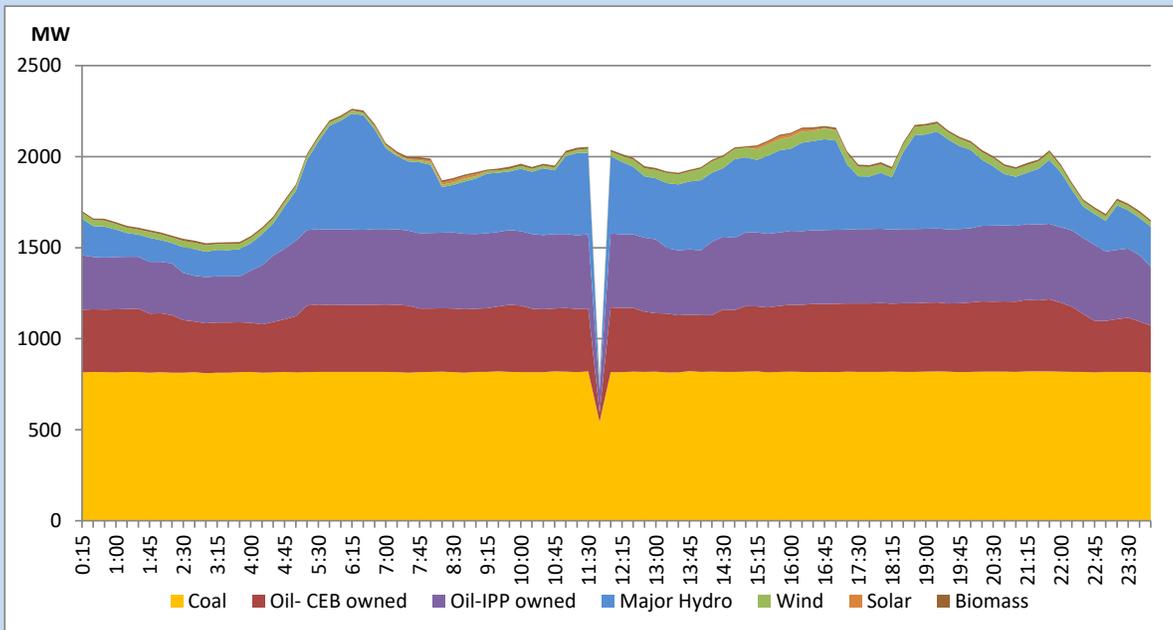


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

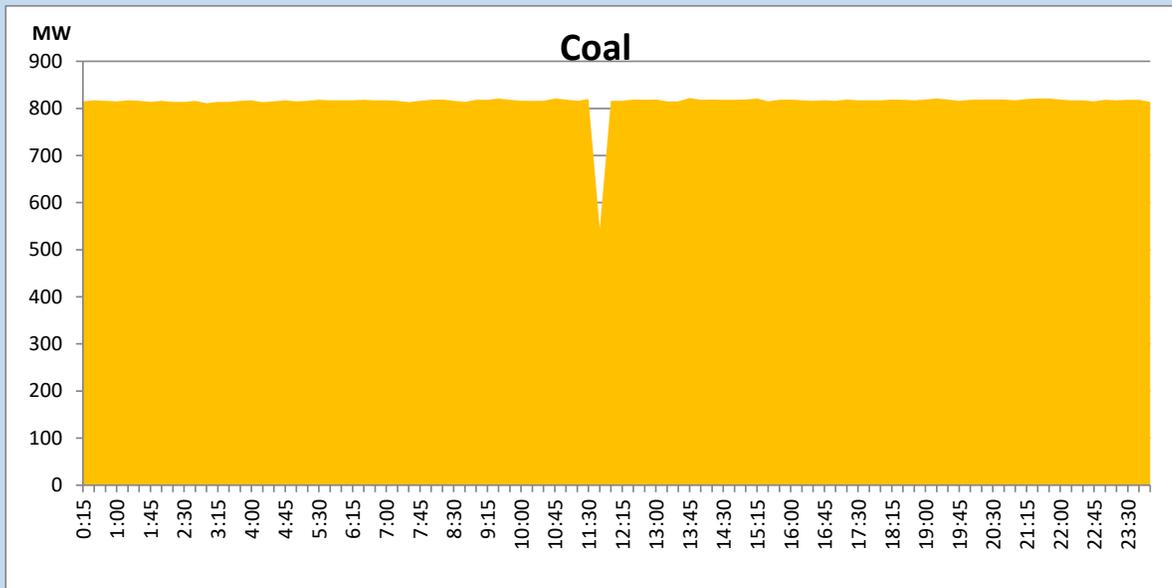
March 11, 2022

Solar and wind data is based on Telemetered Power Stations only



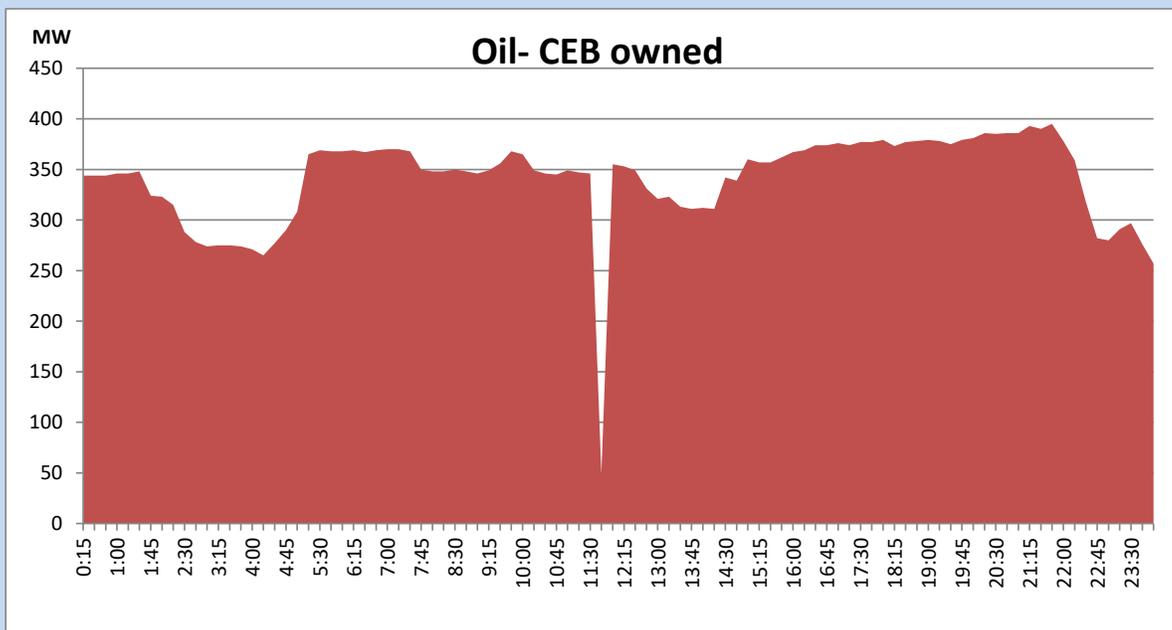
Coal Generation during the Previous day

March 11, 2022



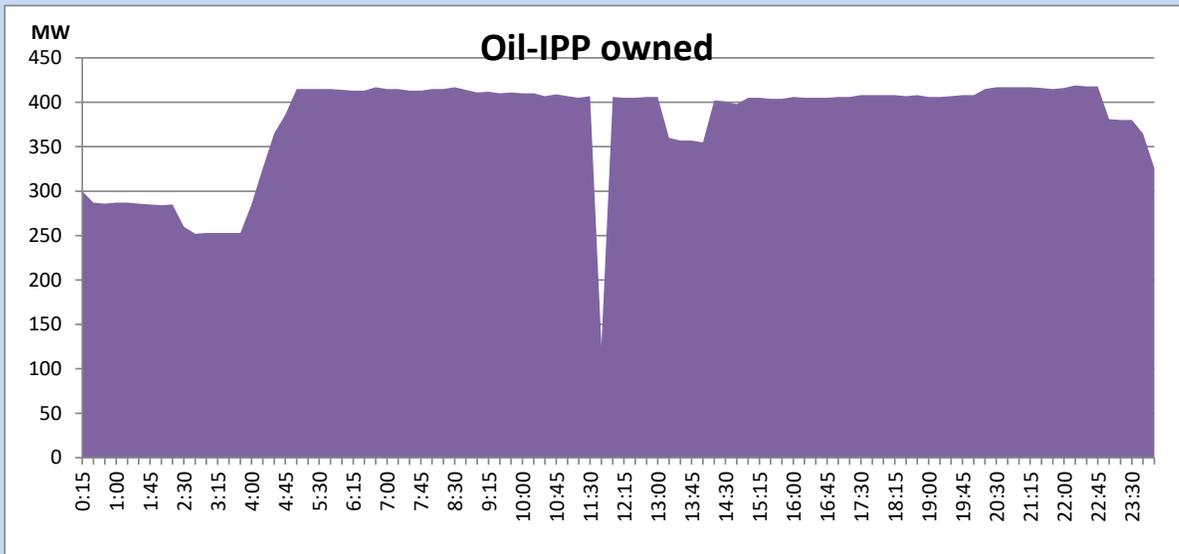
CEB Oil Plant Generation during the Previous day

March 11, 2022



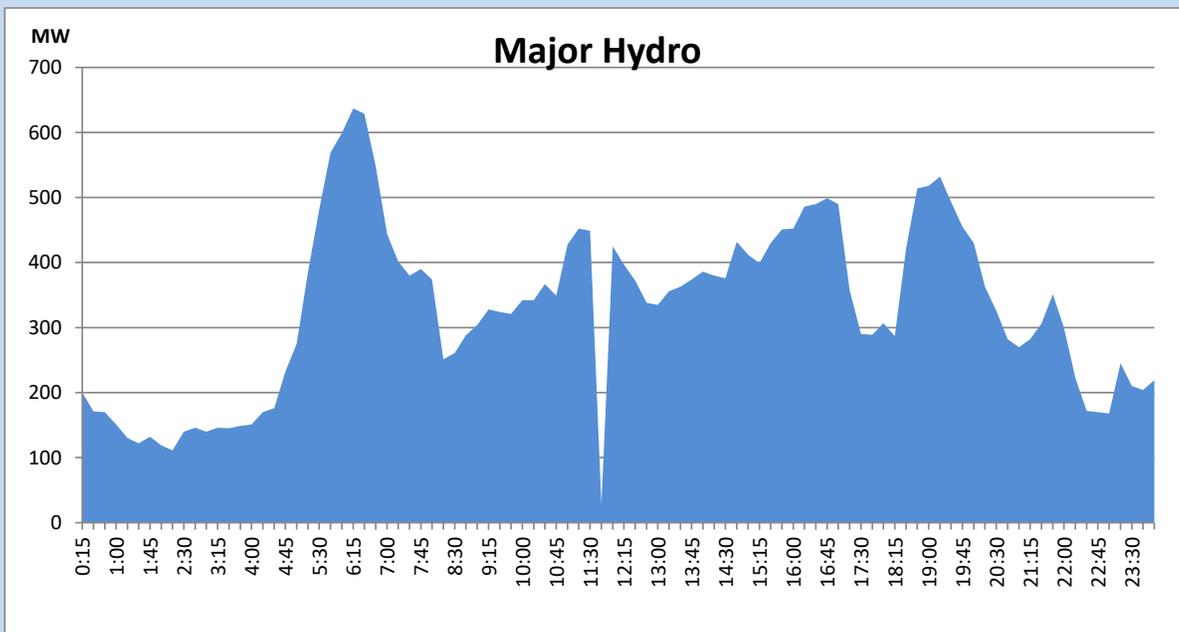
IPP Oil Plant Generation during the Previous day

March 11, 2022



Major Hydro Generation during the Previous day

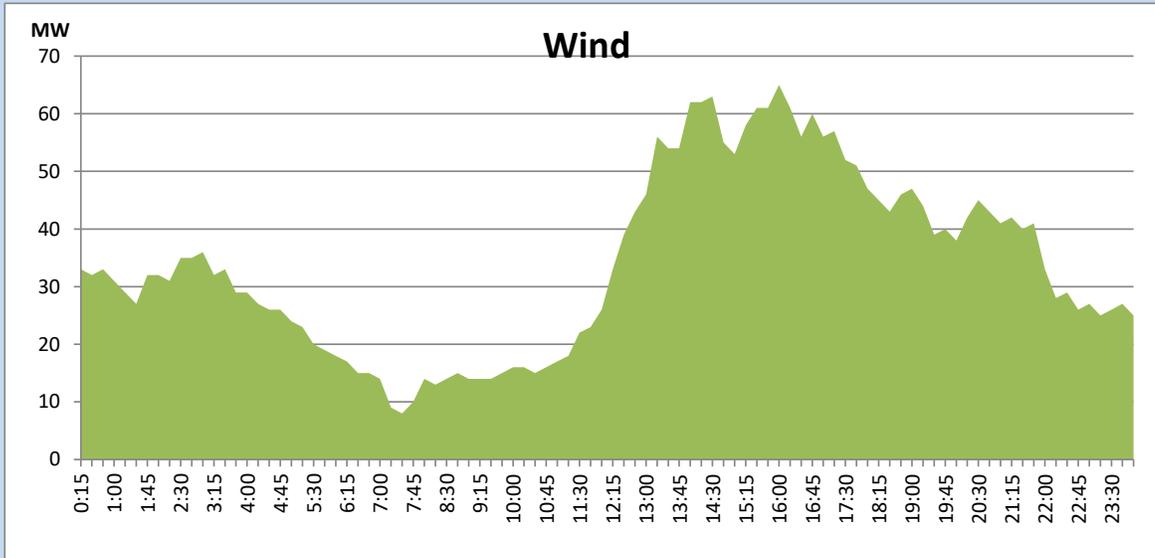
March 11, 2022



Wind Generation during the Previous day

March 11, 2022

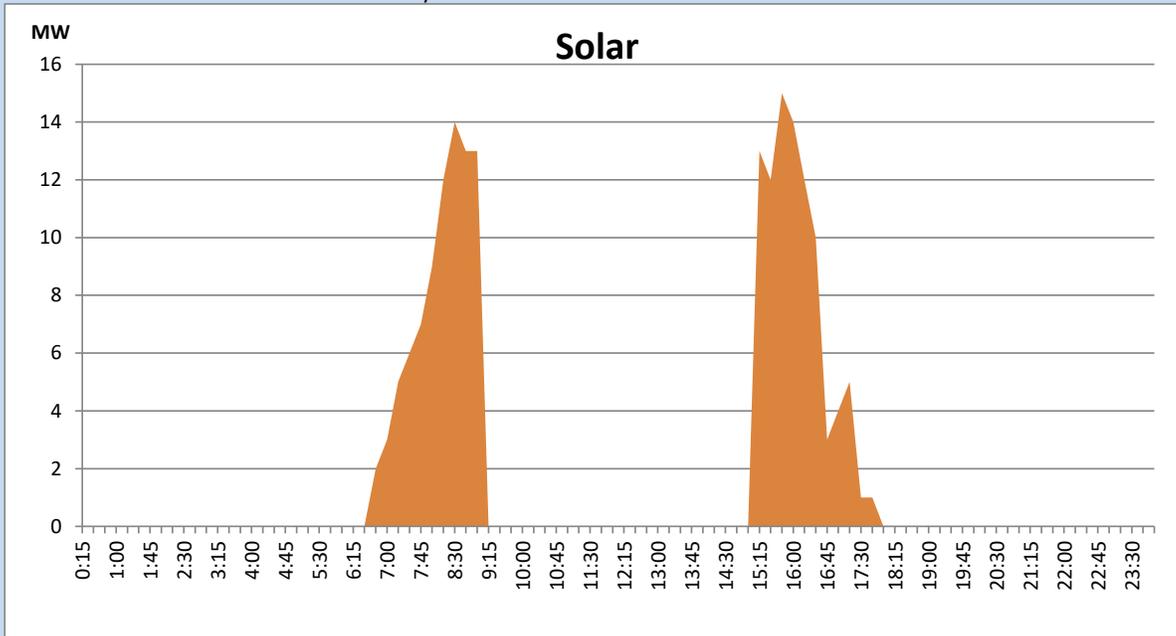
Based on Telemetered Power Stations only



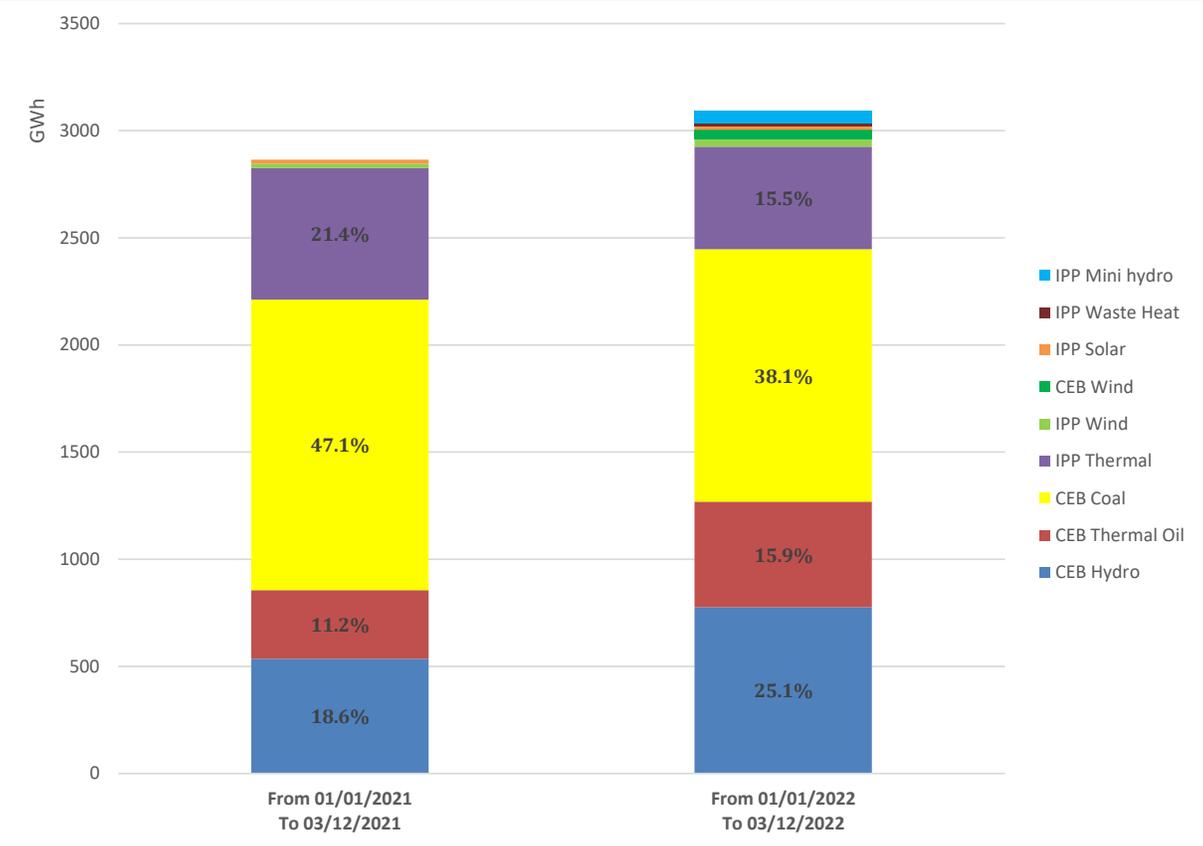
Solar Generation during the Previous day

March 11, 2022

Based on Telemetered Power Stations only



Cumulative Dispatch Comparison with Last Year



Thermal Plant Fuel types

| Power Station | Primary Fuel |
|--------------------------------|------------------|
| CEB Thermal | |
| Sapugaskanda 1 | Heavy Fuel |
| Sapugaskanda 2 | Heavy Fuel |
| Kelanitissa Small Gas Turbines | Auto Diesel |
| GT 7 - Kelanitissa | Auto Diesel |
| Kelanitissa CCY | Naphtha & Diesel |
| Lakvijaya 1 | Coal |
| Lakvijaya 2 | Coal |
| Lakvijaya 3 | Coal |
| Uthuru Janani | Heavy Fuel |
| Barge CEB | Heavy Fuel |

| Power Station | Primary Fuel |
|----------------------|--------------|
| Private Thermal | |
| Sojitz - Kelanitissa | Auto Diesel |
| West Coast | Auto Diesel |
| | |
| | |

Major Incidents during the day -as reported by CEB morning of

March 13, 2022

- 1) Rotational manual load shedding was carried out from 08:00hrs to 23:00hrs.
- 2) Seethawaka-Broadland cct tripped from Seethawaka end and tripped and auto-reclosed from Broadland end at 14:59 hrs due to operation of distance protection. At the sametime, Old Laxapana-Wimalasurendra GS cct 02 tripped from Old Laxapana end and Polpitiya-Kosgama cct tripped and auto-reclosed from both ends due to operation of distance protection. Old Laxapana-Wimalasurendra GS cct, Seethawaka-Broadland cct were normalized at 15:27 hrs and 17:01 hrs respectively.
- 3) KCCP and Sojitz plants made forced shutdown at 7:37 hrs on 12/03/2022 and 00:53 hrs on 13/03/2022 respectively due to lack of fuel stocks.