

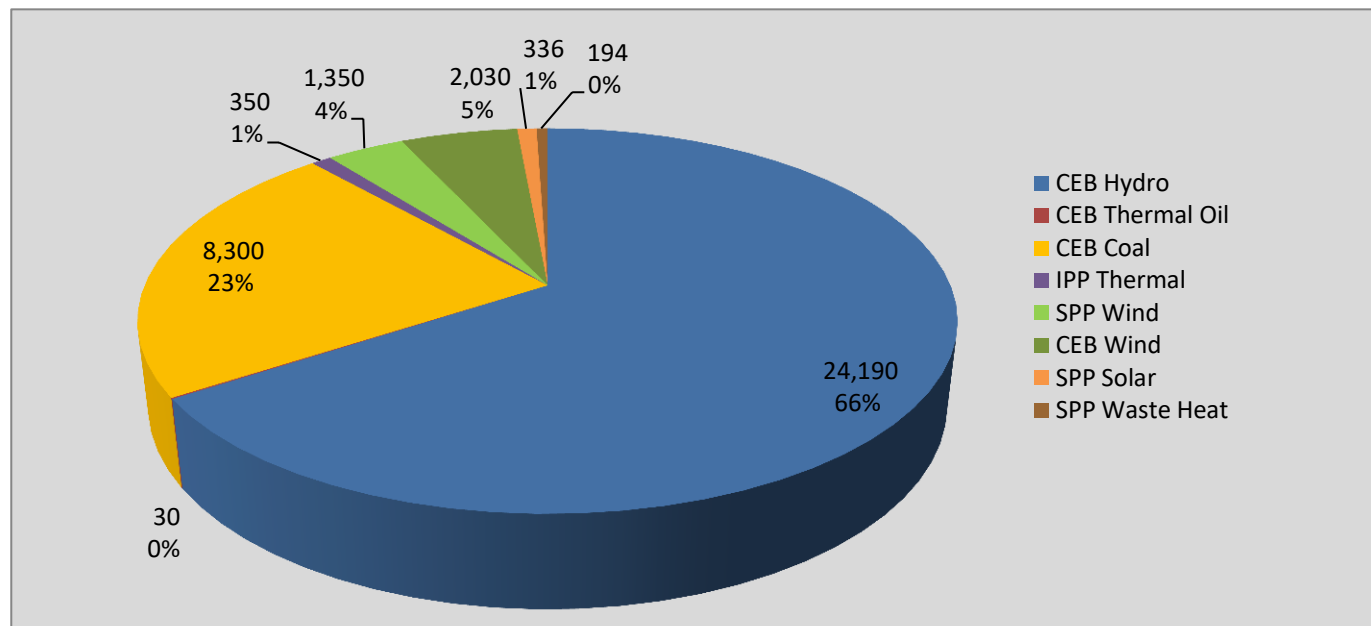
Generation and Reservoirs Statistics

June 10, 2021



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

36,780 MWh

Note: Mini hydro and Biomass and waste heat (except 10 MW WH plant at Kerawalapitiya) power plant energy is not included

Cumulative Dispatch

Note: Mini hydro and Biomass and waste heat (except 10 MW WH plant at Kerawalapitiya) power plant energy is not included

For Current Month

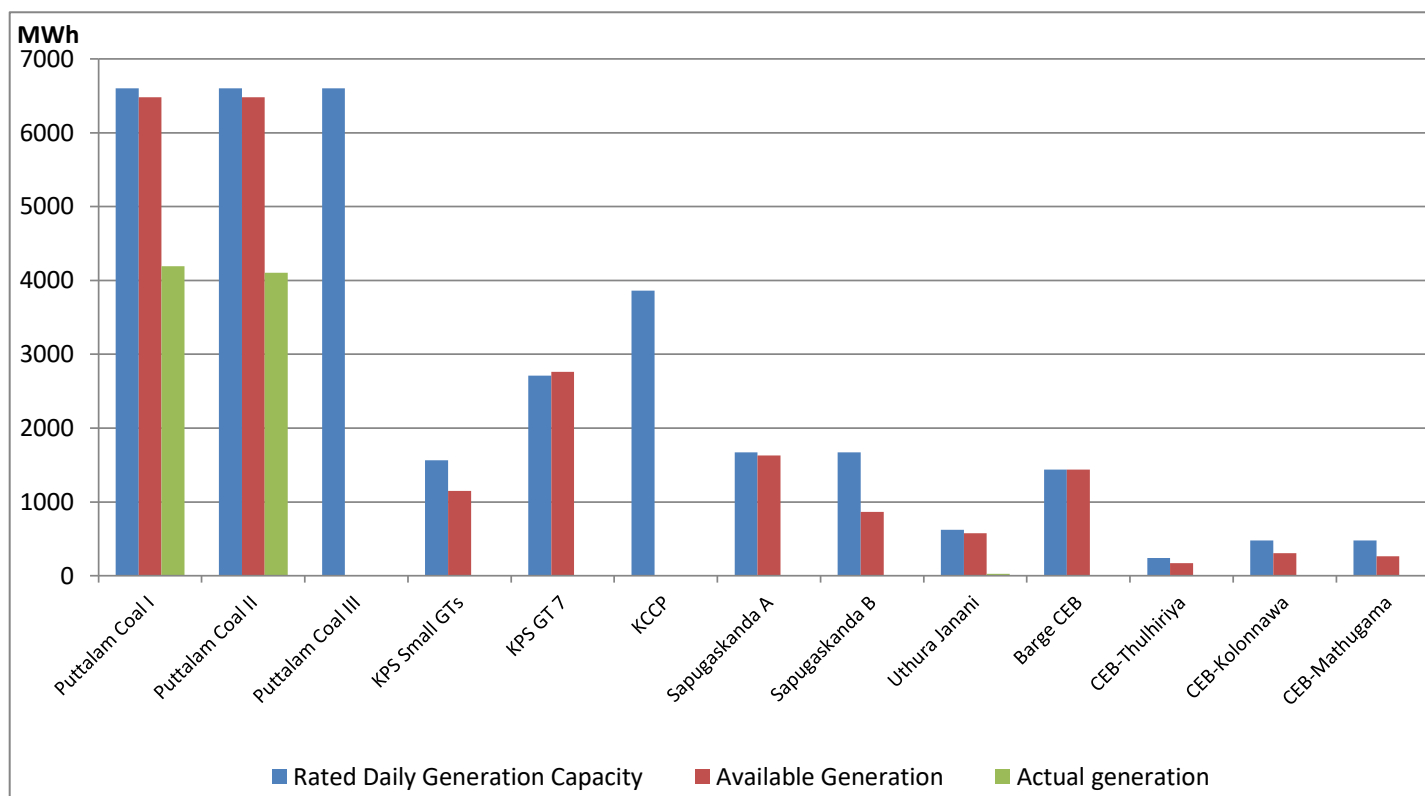
| Category | Dispatch (GWh) | |
|-----------------|----------------|--------|
| CEB Hydro | 228.8 | 64.08% |
| CEB Thermal Oil | 1.1 | 0.31% |
| CEB Coal | 95.6 | 26.78% |
| IPP Thermal | 3.4 | 0.95% |
| SPP Wind | 7.5 | 2.09% |
| CEB Wind | 15.9 | 4.45% |
| SPP Solar | 2.9 | 0.82% |
| SPP Waste Heat | 1.9 | 0.52% |
| Total | 357.1 | |

For Current Year

| Category | Dispatch (GWh) | |
|-----------------|----------------|--------|
| CEB Hydro | 1,723.8 | 26.59% |
| CEB Thermal Oil | 691.3 | 10.66% |
| CEB Coal | 2,866.0 | 44.21% |
| IPP Thermal | 1,035.3 | 15.97% |
| SPP Wind | 58.3 | 0.90% |
| CEB Wind | 62.6 | 0.97% |
| SPP Solar | 41.7 | 0.64% |
| SPP Waste Heat | 3.7 | 0.06% |
| Total | 6,482.6 | |

CEB owned Thermal Plant Dispatch

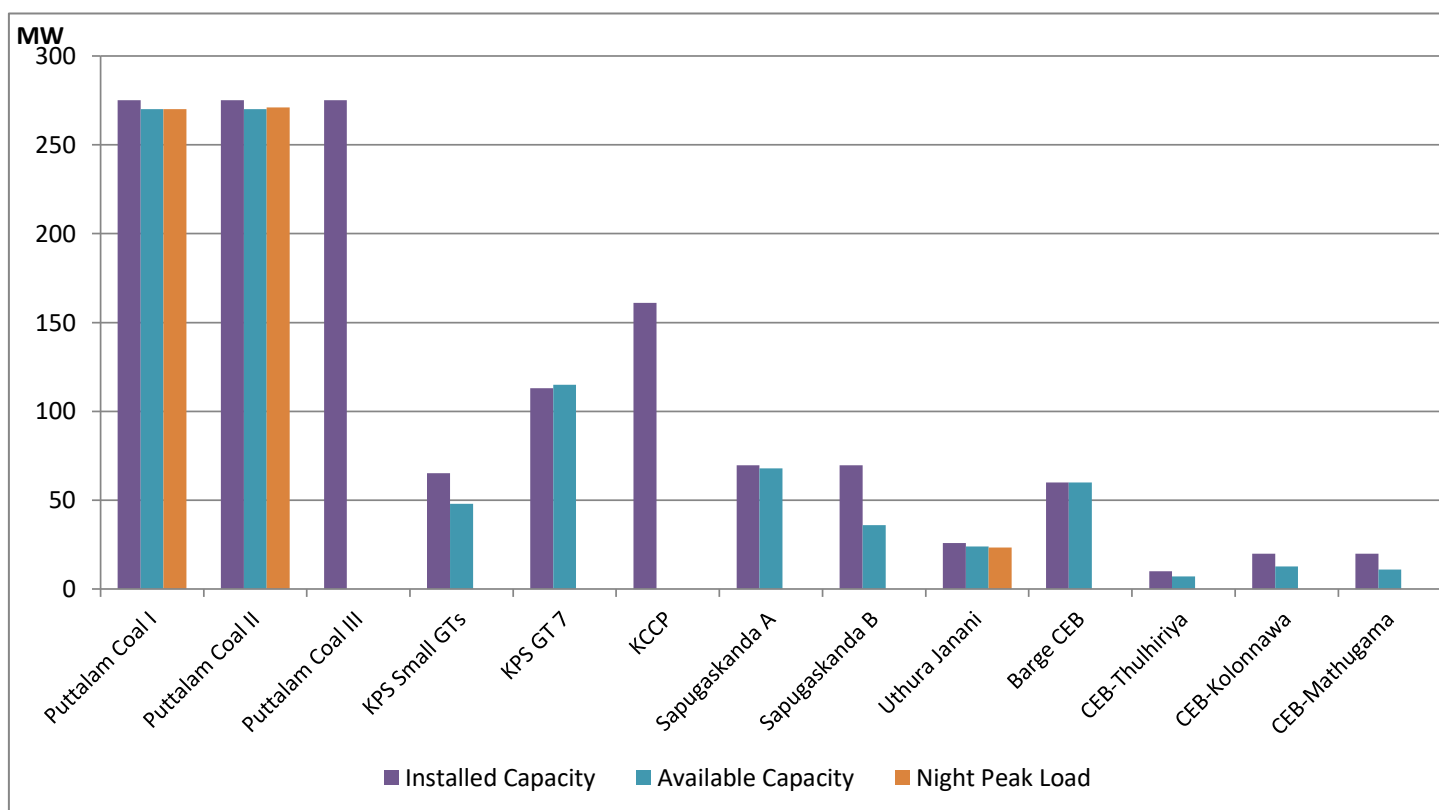
June 10, 2021



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

June 11, 2021

CEB owned Thermal Plant Loading at the Night Peak



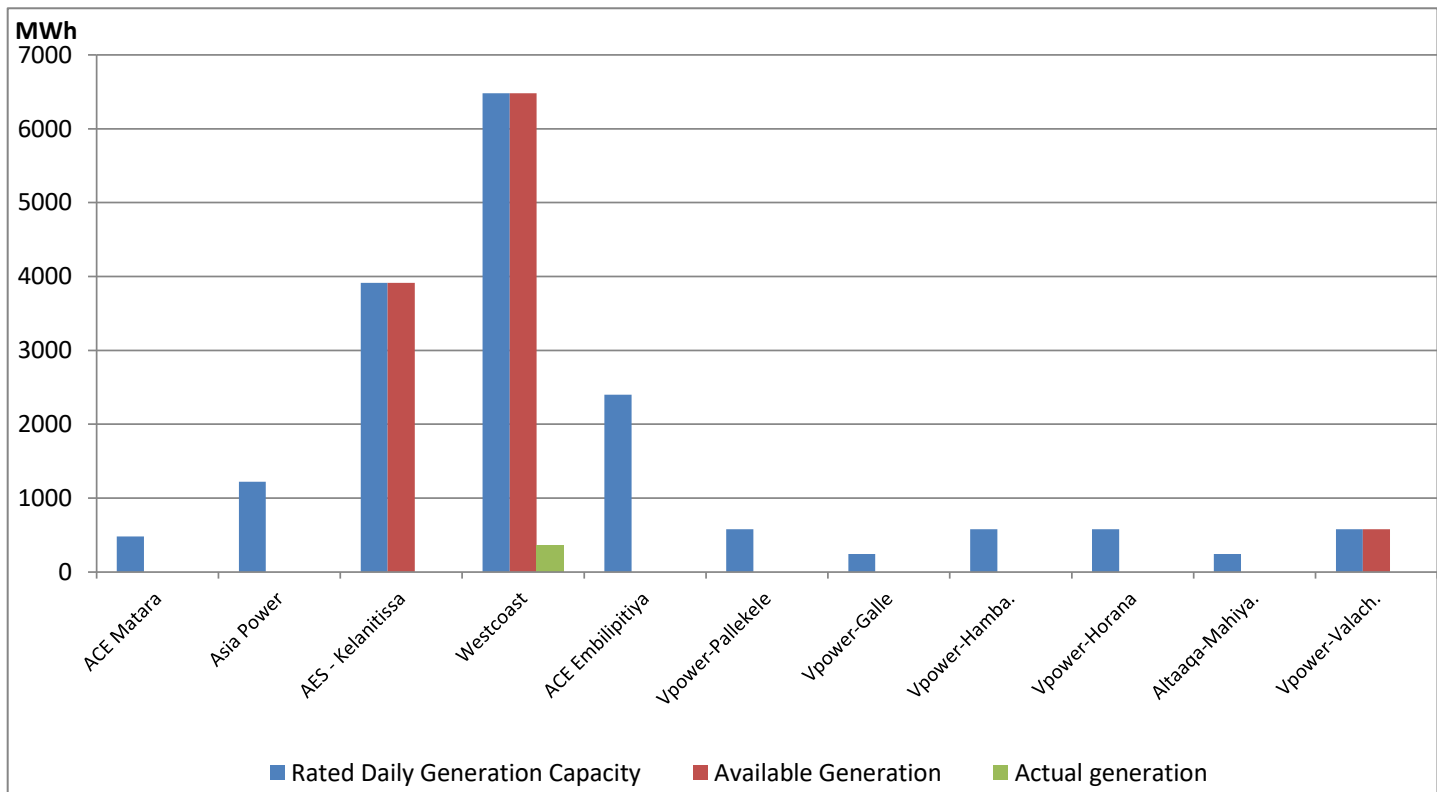
Note- Plant availability is recorded at 6.00 am on

June 11, 2021

IPP owned Thermal Plant Dispatch

June 10, 2021

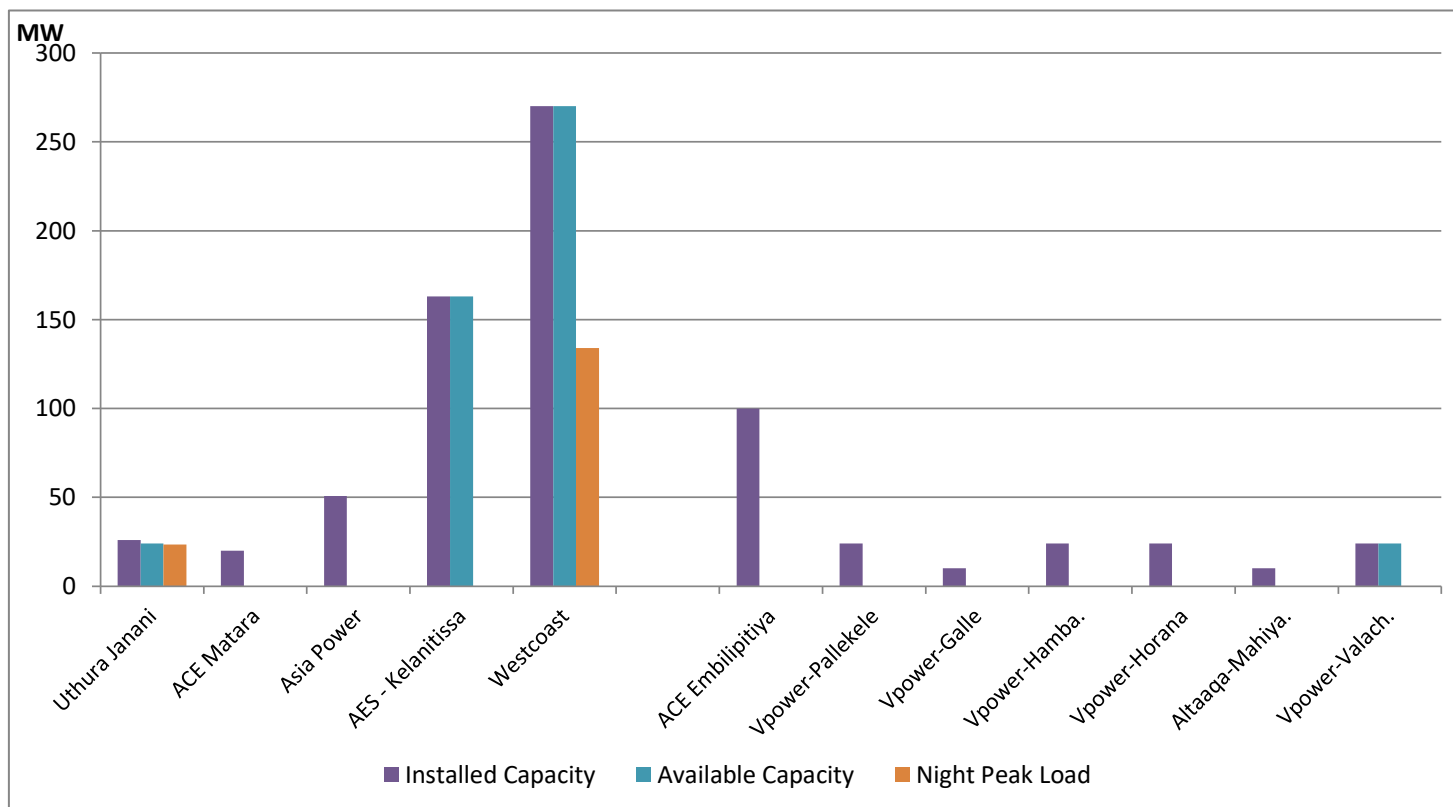
ACE Embilipitiya, ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 11, 2021

IPP owned Thermal Plant Loading at the Night Peak

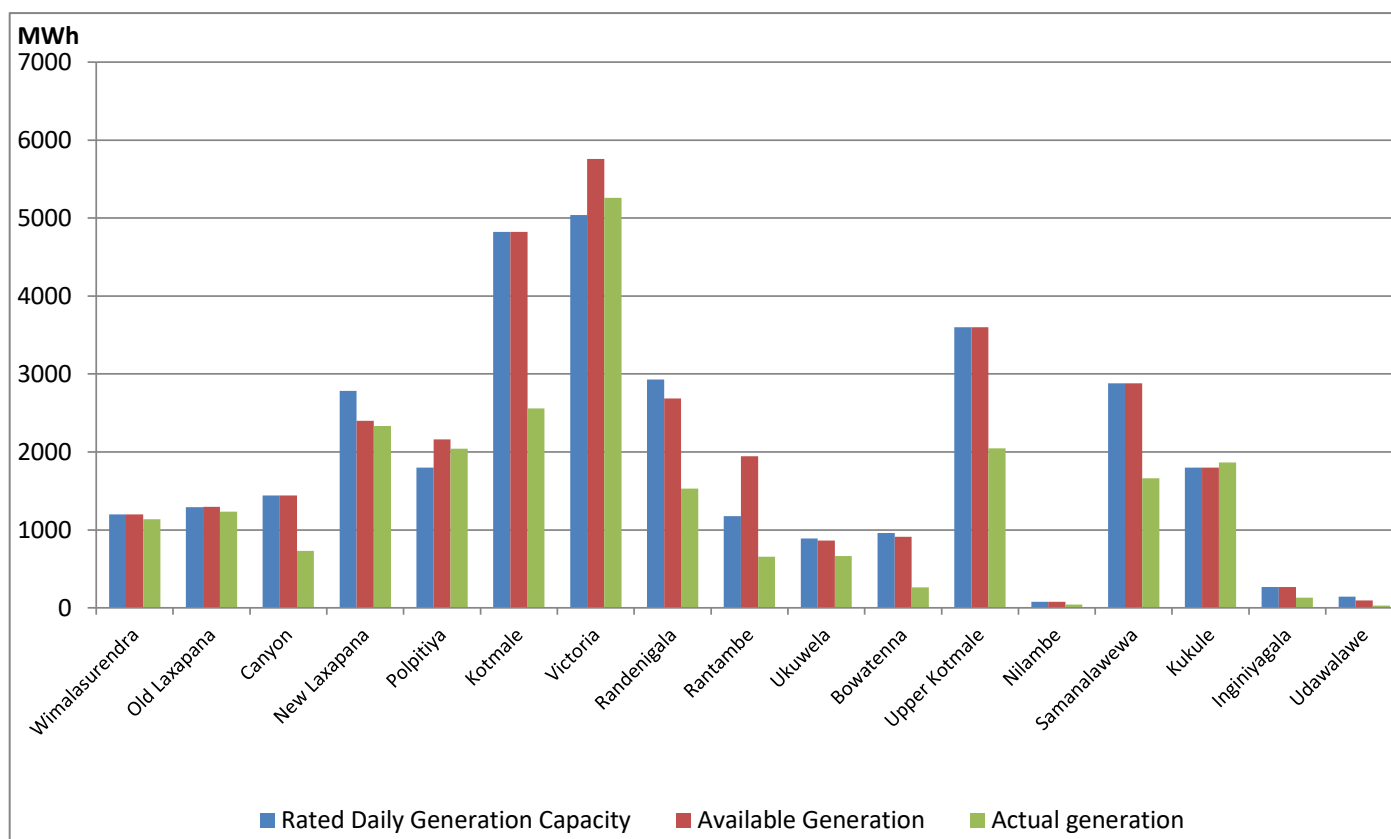


Note- Plant availability is recorded at 6.00 am on

June 11, 2021

Major Hydro Plant Dispatch

June 10, 2021

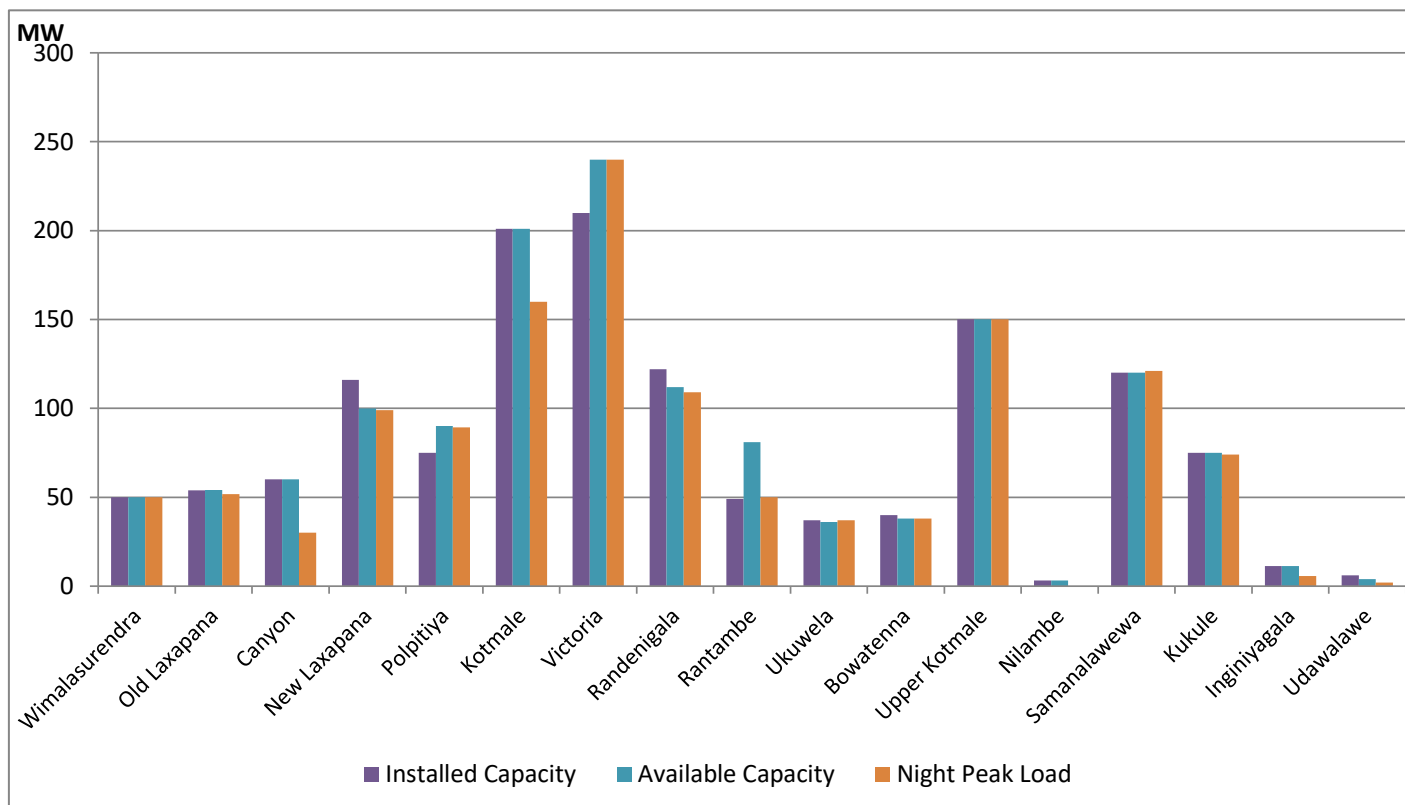


Note- Available Generation is estimated based on plant availability at 6.00am on

June 11, 2021

Major Hydro Plant Loading at Night Peak

June 10, 2021

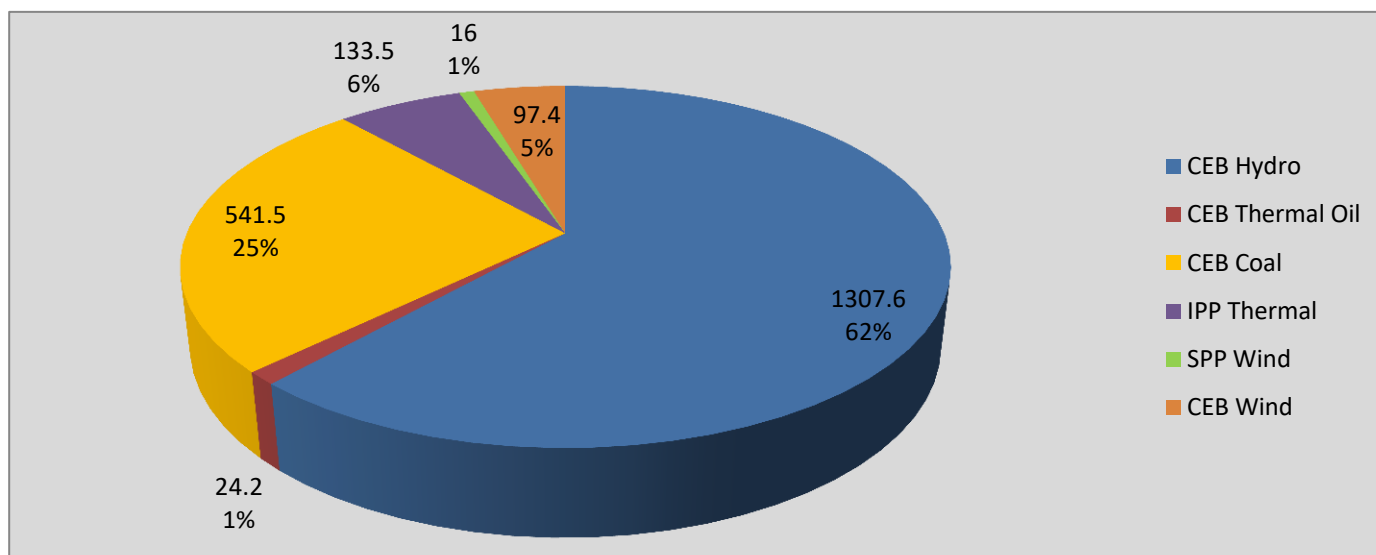


Note- Plant availability is recorded at 6.00 am on

June 11, 2021

Contribution to the Night Peak in MW

June 10, 2021



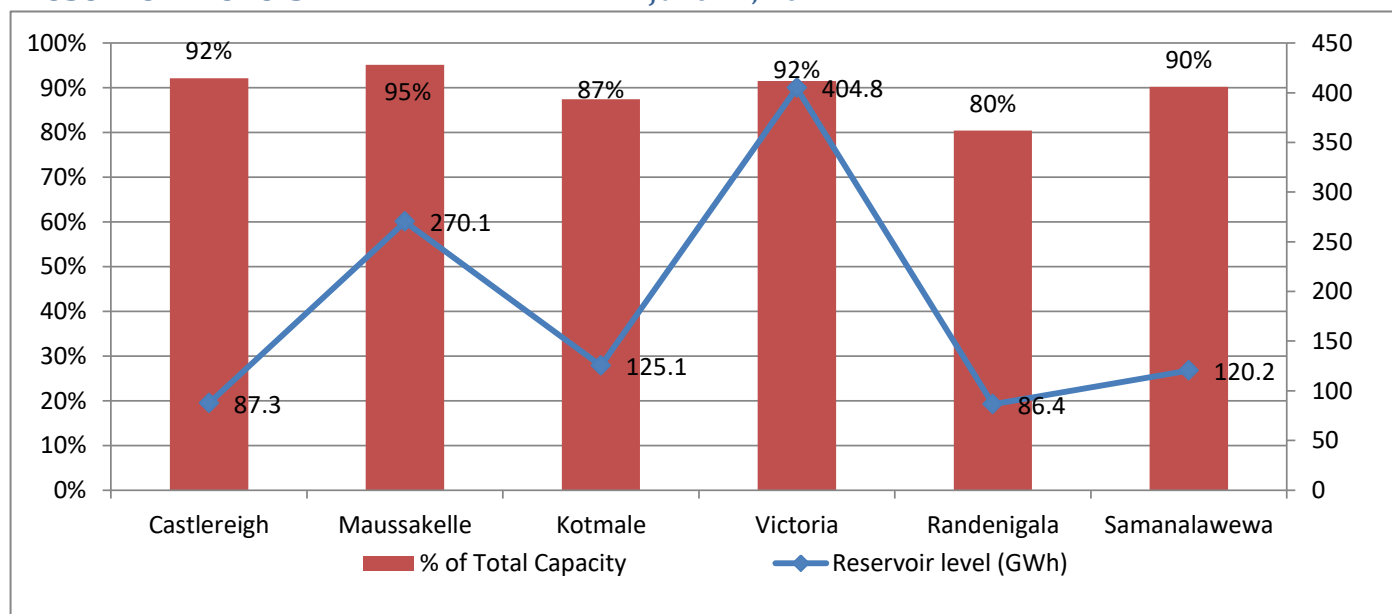
| | |
|----------------|------------|
| Night Peak* | 2,120.2 MW |
| Day Peak | 1,721.8 MW |
| Minimum Demand | 1,144.7 MW |

Notes: *The above chart pattern and night peak figure is presented excluding the contribution of Moragahakanda, other minihydro and biomass power plants

**Day peak and Minimum demand includes the contribution from Moragahakanda, wind and solar plants

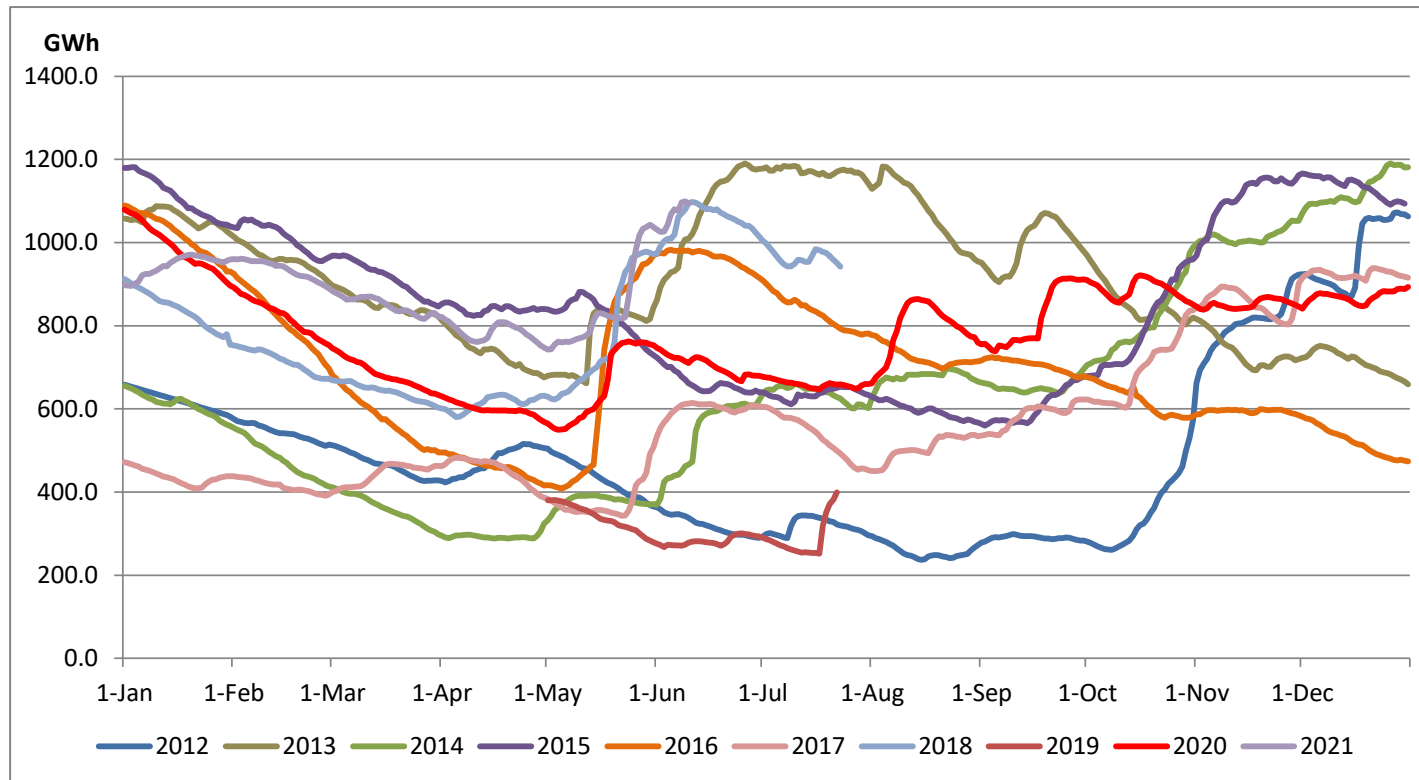
* in addition to the night peak figure presented above, Kerawalapitiya waste heat plant, other MiniHydro and Biomass Plants of installed capacity 181.00 MW has recorded total 131.40 MW at night peak

Reservoir Levels - as at 06.00 Hr on June 11, 2021



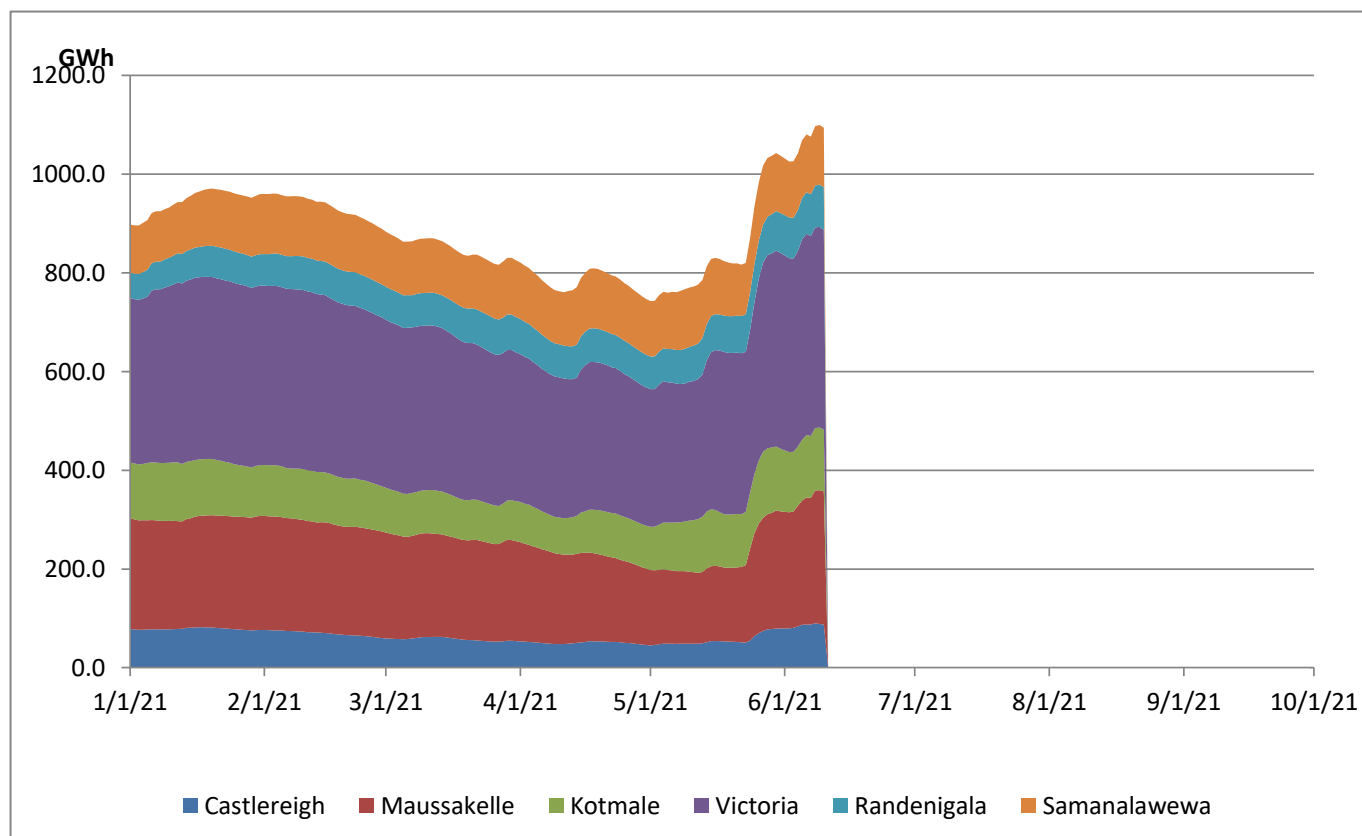
| | |
|----------------------------|--------|
| Total Reservoir Level(GWh) | 1093.9 |
| % of Total capacity | 90.8% |

Comparison of Total Reservoir Storage Levels with Past Years

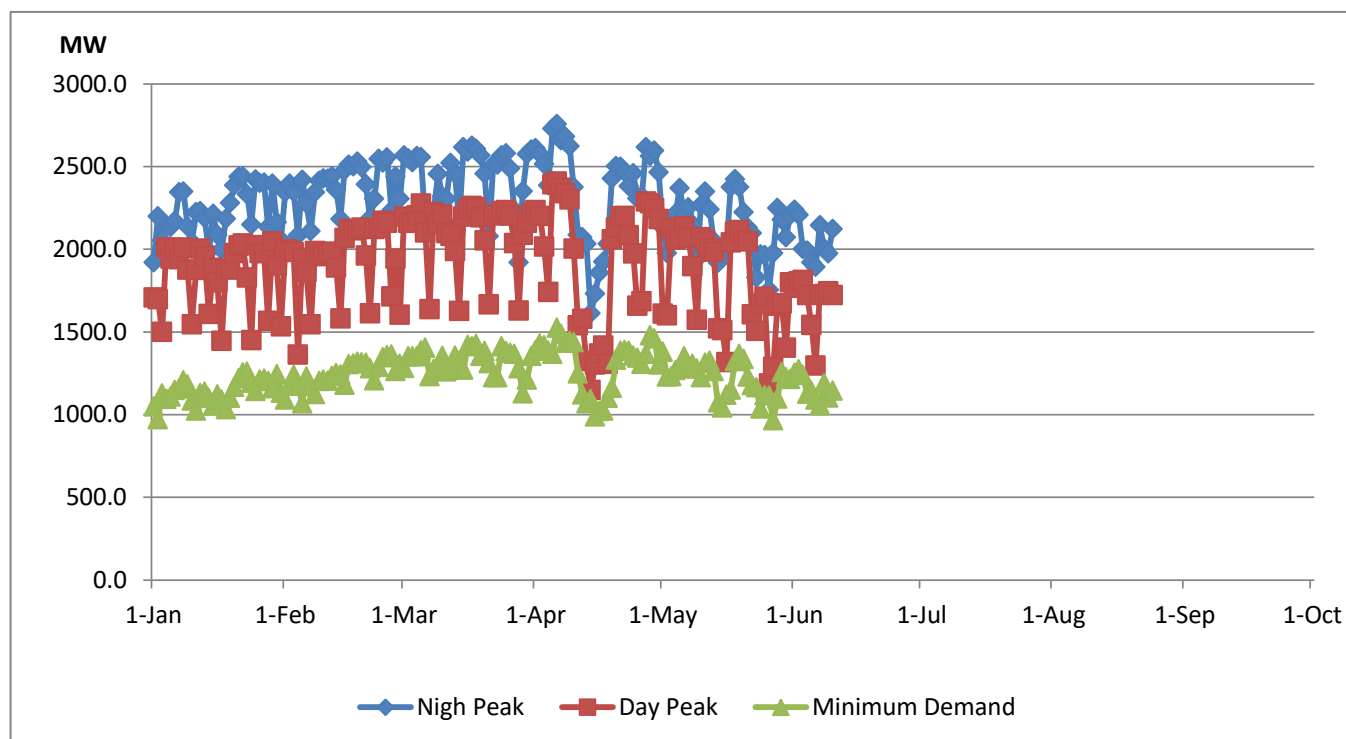


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year



Notes:

The night peak is excluding the contribution from Minihydro and biomass power plants

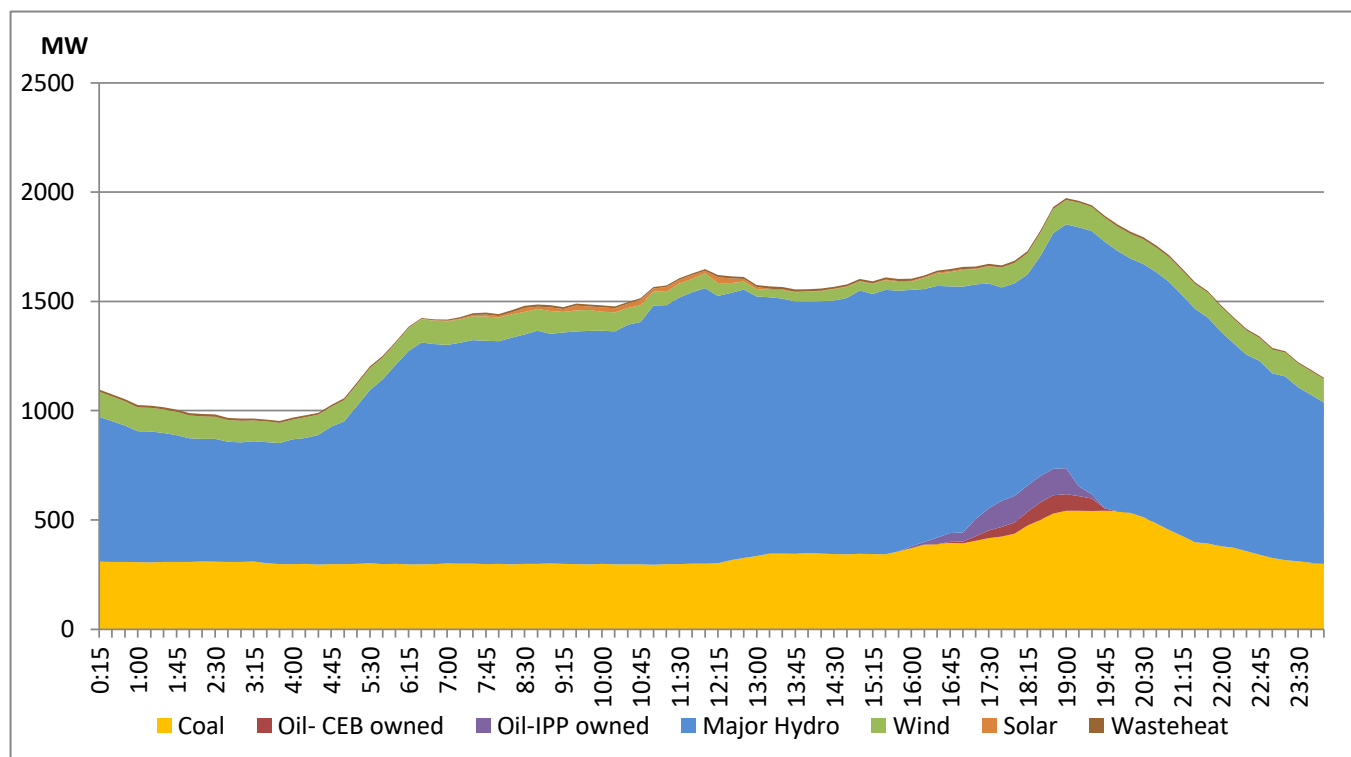
Day peak and minimum demand graphs includes the contribution from Moragahakanda power plant

All graphs include the contribution from telemetered solar and wind plants

Daily Load Curve of the Previous day

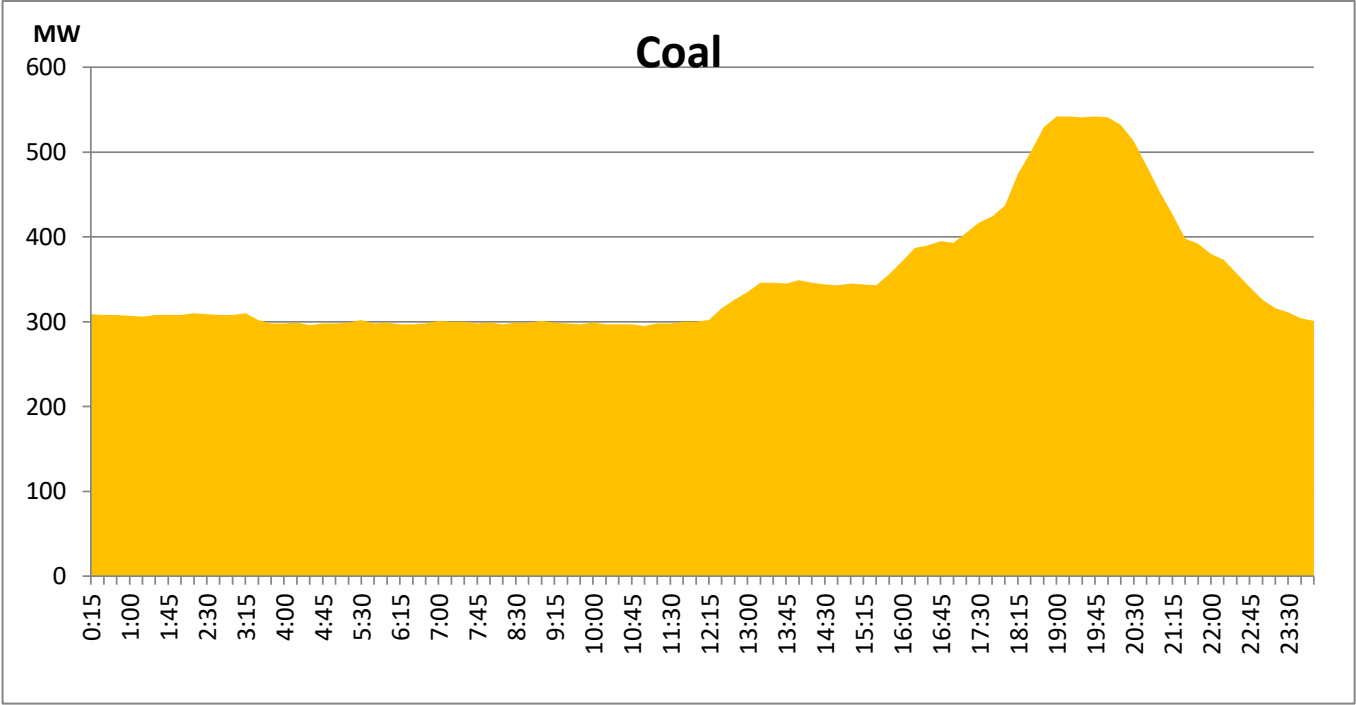
June 9, 2021

Solar and wind data is based on Telemetered Power Stations only



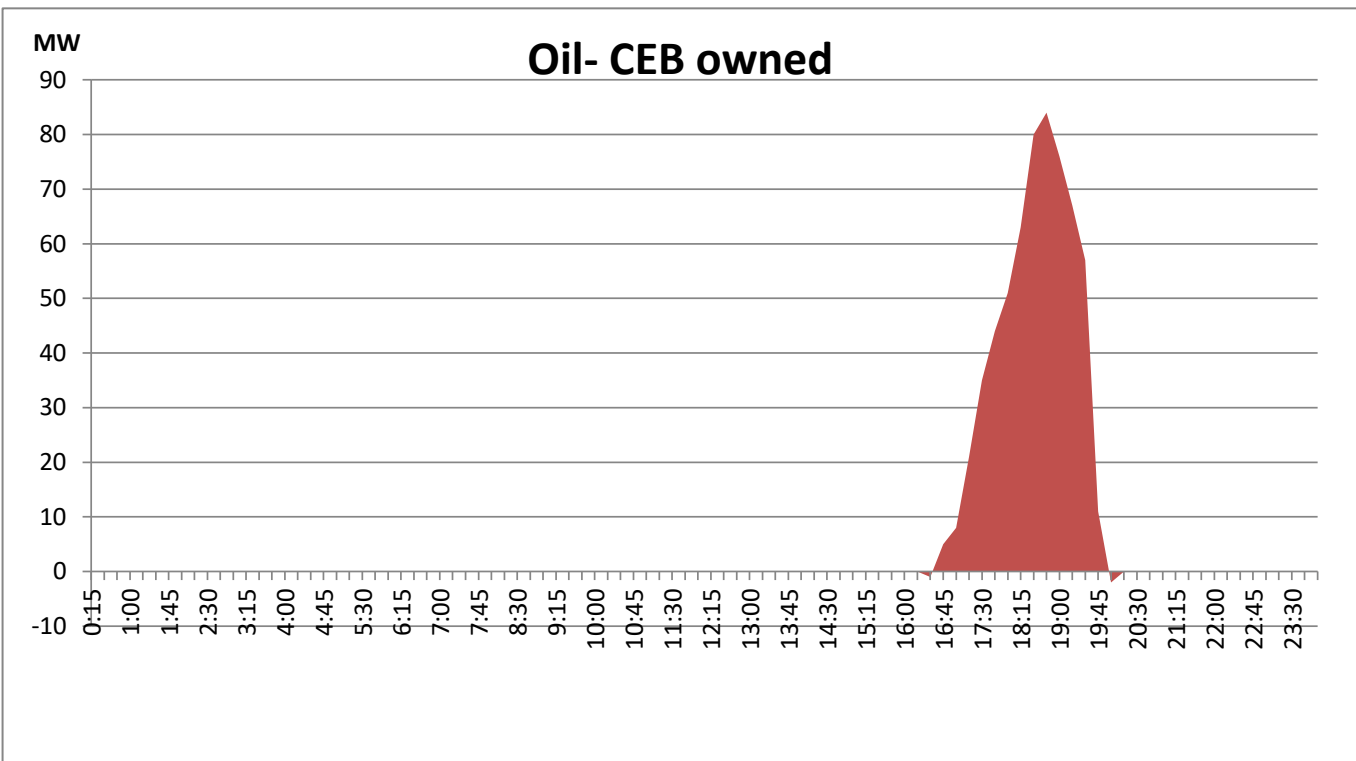
Coal Generation during the Previous day

June 9, 2021



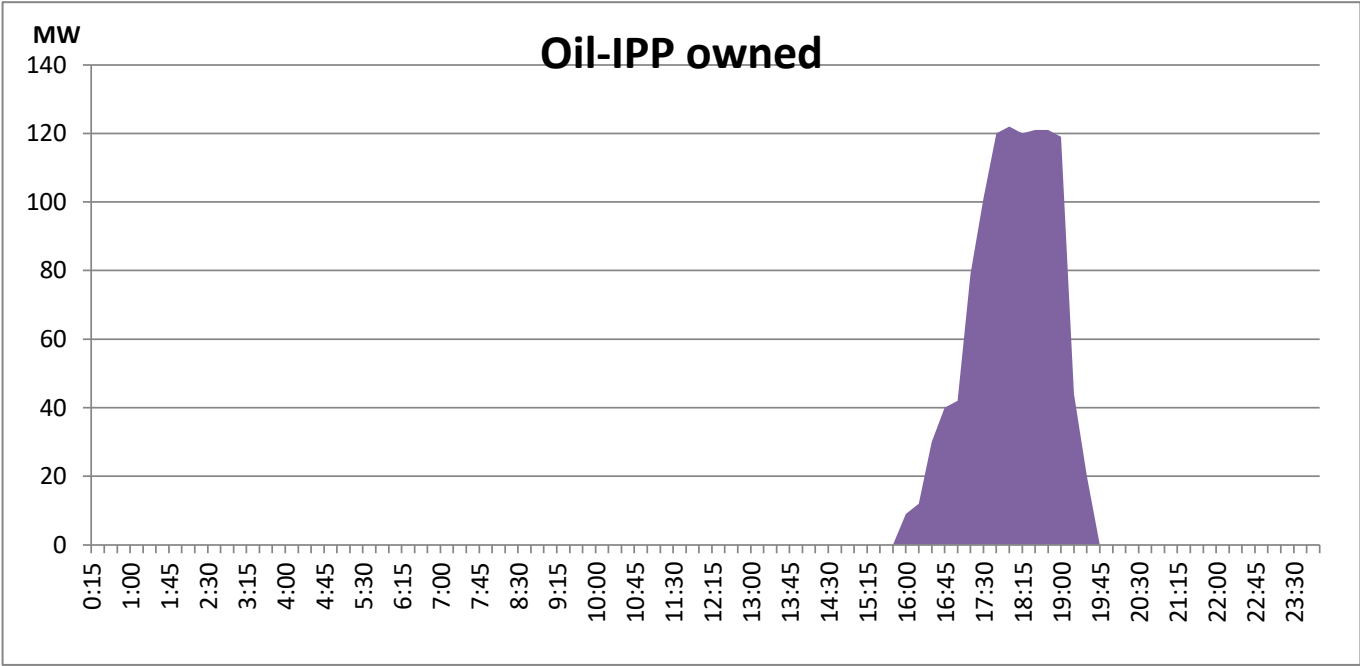
CEB Oil Plant Generation during the Previous day

June 9, 2021



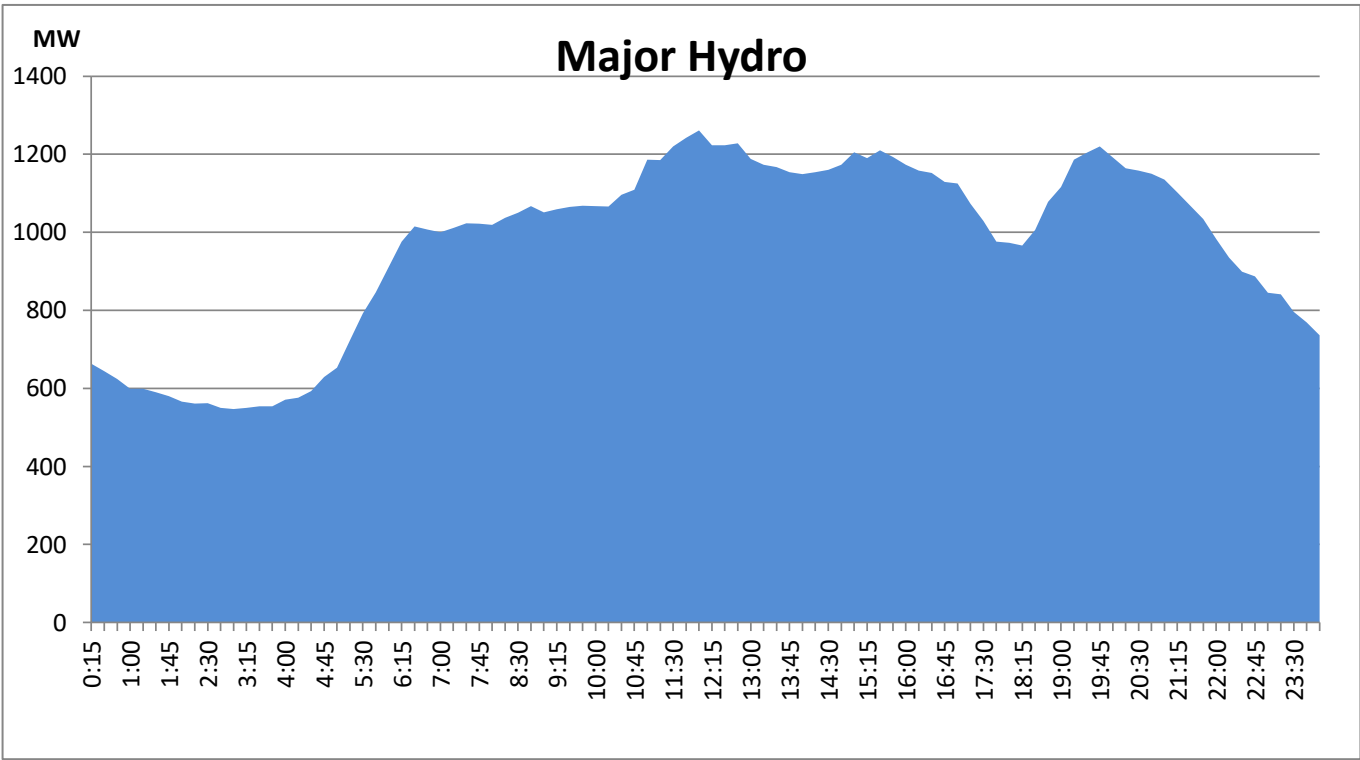
IPP Oil Plant Generation during the Previous day

June 9, 2021



Major Hydro Generation during the Previous day

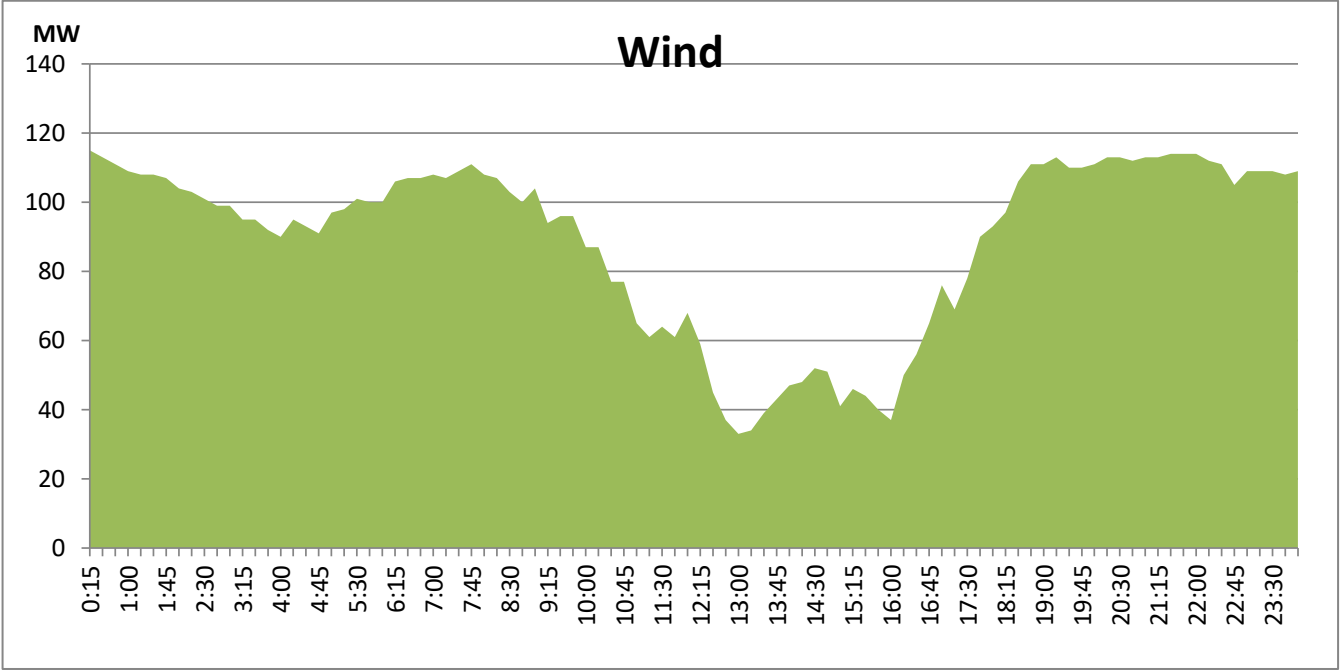
June 9, 2021



Wind Generation during the Previous day

June 9, 2021

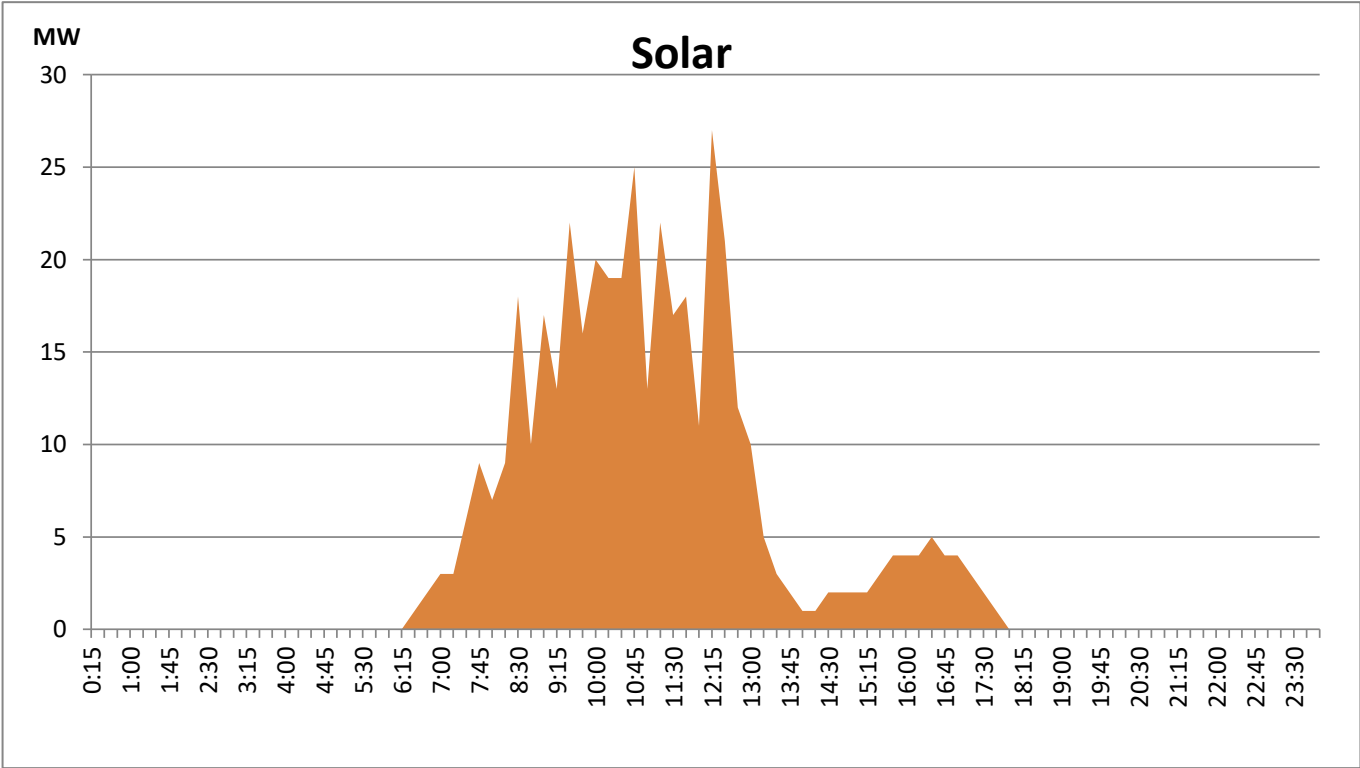
Based on Telemetered Power Stations only



Solar Generation during the Previous day

June 9, 2021

Based on Telemetered Power Stations only



Summary of Major Plant performance

| Plant | Installed Capacity | Plant Availability | Night peak Load | Plant Dispatch |
|--------------------|--------------------|--------------------|-----------------|----------------|
| | (MW) | (MW) | (MW) | (GWh) |
| Wimalasurendra | 50.00 | 50.00 | 50.00 | 1,136.00 |
| Old Laxapana | 53.80 | 54.00 | 51.70 | 1,234.00 |
| Canyon | 60.00 | 60.00 | 30.00 | 732.00 |
| New Laxapana | 116.00 | 100.00 | 99.00 | 2,334.00 |
| Polpitiya | 75.00 | 90.00 | 89.30 | 2,044.00 |
| Kotmale | 201.00 | 201.00 | 160.00 | 2,560.00 |
| Victoria | 210.00 | 240.00 | 240.00 | 5,258.00 |
| Randenigala | 122.00 | 112.00 | 109.00 | 1,531.00 |
| Rantambe | 49.00 | 81.00 | 50.00 | 656.00 |
| Ukuwela | 37.00 | 36.00 | 37.00 | 664.00 |
| Bowatenna | 40.00 | 38.00 | 38.00 | 264.00 |
| Upper Kotmale | 150.00 | 150.00 | 150.00 | 2,047.00 |
| Nilambe | 3.20 | 3.20 | - | 44.00 |
| Samanalawewa | 120.00 | 120.00 | 121.00 | 1,663.00 |
| Kukule | 75.00 | 75.00 | 74.00 | 1,866.00 |
| Inginiyagala | 11.25 | 11.25 | 5.70 | 133.00 |
| Udawalawe | 6.00 | 4.00 | 2.00 | 29.00 |
| Puttalam Coal I | 275.00 | 270.00 | 270.00 | 4,192.00 |
| Puttalam Coal II | 275.00 | 270.00 | 271.00 | 4,106.00 |
| Puttalam Coal III | 275.00 | - | - | - |
| KPS Small GTs | 65.20 | 48.00 | - | - |
| KPS GT 7 | 113.00 | 115.00 | - | - |
| KCCP | 161.00 | - | - | - |
| Sapugaskanda A | 69.60 | 68.00 | - | - |
| Sapugaskanda B | 69.60 | 36.00 | - | - |
| Uthura Janani | 26.01 | 24.00 | 23.40 | 28.00 |
| Barge CEB | 60.00 | 60.00 | - | - |
| CEB-Thulhiriya | 10.00 | 7.20 | - | - |
| CEB-Kolonnawa | 20.00 | 12.80 | - | - |
| CEB-Mathugama | 20.00 | 11.00 | - | - |
| ACE Matara | 20.00 | - | - | - |
| Asia Power | 50.80 | - | - | - |
| AES - Kelanitissa | 163.00 | 163.00 | - | - |
| Westcoast | 270.00 | 270.00 | 134.00 | 355.00 |
| ACE Embilipitiya | 100.00 | - | - | - |
| Vpower-Pallekele | 24.00 | - | - | - |
| Vpower-Galle | 10.00 | - | - | - |
| Vpower-Hamba. | 24.00 | - | - | - |
| Vpower-Horana | 24.00 | - | - | - |
| Altaaqa-Mahiya. | 10.00 | - | - | - |
| Vpower-Valach. | 24.00 | 24.00 | - | - |
| Solar | 58.00 | | - | 332.00 |
| Wind | 128.00 | | 113.40 | 3,380.00 |
| MH and BM | 394.00 | | 131.40 | Not available |
| Total without NCRE | 3,538.46 | 2,804.45 | | |

Night peak load of MH and BM only include loading of Mini hydro plants of total capacity MW 181

Installed capacity of Solar, wind, Mini-hydro and Biomass plants are as of end of December 2019

Plant availability is the availability recorded at 6 am on June 11, 2021

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 | Naptha & Diesel |
| Lakvijaya 1 | Coal |
| Lakvijaya 2 | Coal |
| Lakvijaya 3 | Coal |
| Uthuru Janani | Heavy Fuel |
| Barge CEB | Furnace Oil |
| | |

| Power Station | Primary Fuel |
|------------------|----------------------------|
| Private Thermal | |
| Asia Power | Heavy Fuel |
| Sojitz - | Auto Diesel |
| West Coast | Low Sulphur Furnace oil |
| | |
| ACE Embilipitiya | Furnace Oil |

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

June 11, 2021

- 1) Matara 132/33kV T/F 02 & 03 tripped at 12:20hrs along with 33kV B/S 01 & 02 and the T/F s & the B/S s were normalized by 12:53hrs.
- 2) Beliatta 132/33kV T/F 02 tripped at 17:05hrs along with 33kV B/S and the T/F & the B/S were normalized by 17:17hrs.
- 3) Kotugoda 220/132/33kV T/F 02 which tripped on 07.06.2021 was normalized by 19:21hrs.
- 4) Canyon pond and Norton pond spilling stopped at 21:56hrs and 23:41hrs respectively.
- 5) Kukule spilling continues to the present hour.