

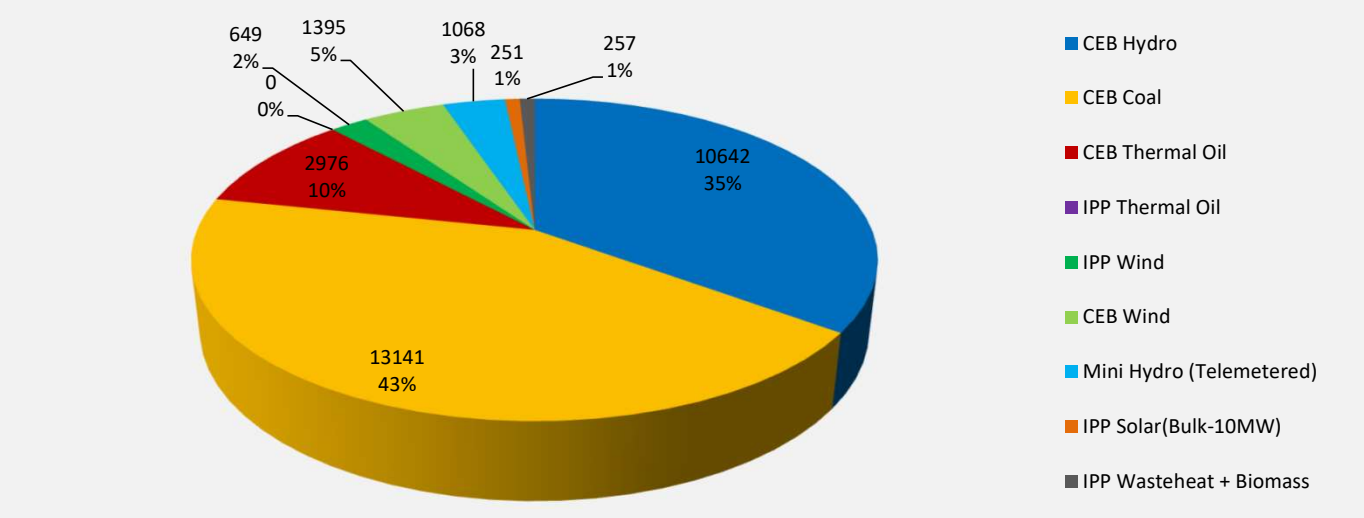
Generation and Reservoirs Statistics

January 8, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding Estimated figures) 30,380 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 1.9 GWh
Estimated Mini Hydro (Non telemetered) = 1452 MWh
Estimated IPP Solar PV (Bulk 1-10MW) = 304MWh
Estimated Solar Roof Top PV = 1480 MWh

Cumulative Dispatch

Following data excludes the contribution from roof top solar, non telemetered solar and mini hydro plants

For Current Month

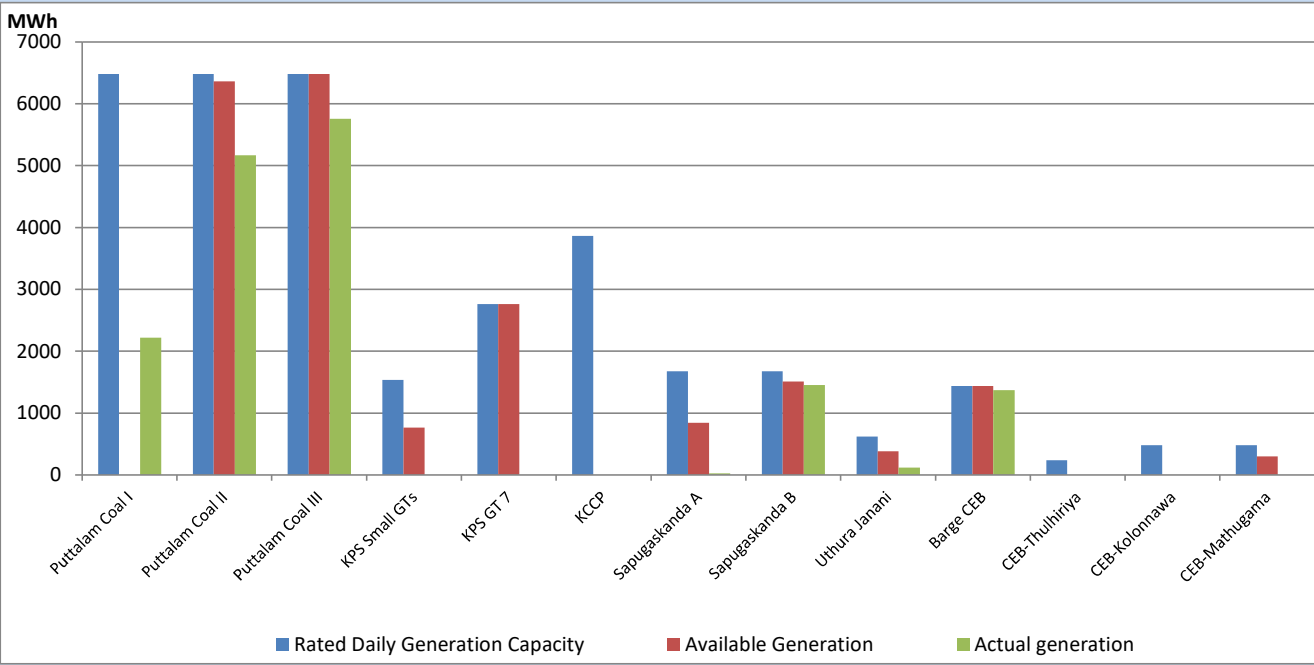
| Category | Dispatch (GWh) | |
|--------------------------|----------------|--------|
| CEB Hydro | 87 | 31.64% |
| CEB Thermal Oil | 30 | 10.79% |
| CEB Coal | 105 | 38.18% |
| IPP Thermal | 27 | 9.91% |
| SPP Wind | 6 | 2.14% |
| CEB Wind | 8 | 2.97% |
| SPP Solar | 2 | 0.83% |
| SPP Solid Waste | 2 | 0.74% |
| Mini Hydro (Telemetered) | 8 | 2.81% |
| Total | 275 | |

For Current Year

| Category | Dispatch (GWh) | |
|--------------------------|----------------|--------|
| CEB Hydro | 87 | 31.64% |
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| SPP Solar | 2 | 0.83% |
| SPP Solid Waste | 2 | 0.74% |
| Mini Hydro (Telemetered) | 8 | 2.81% |
| Total | 275 | |

CEB owned Thermal Plant Dispatch

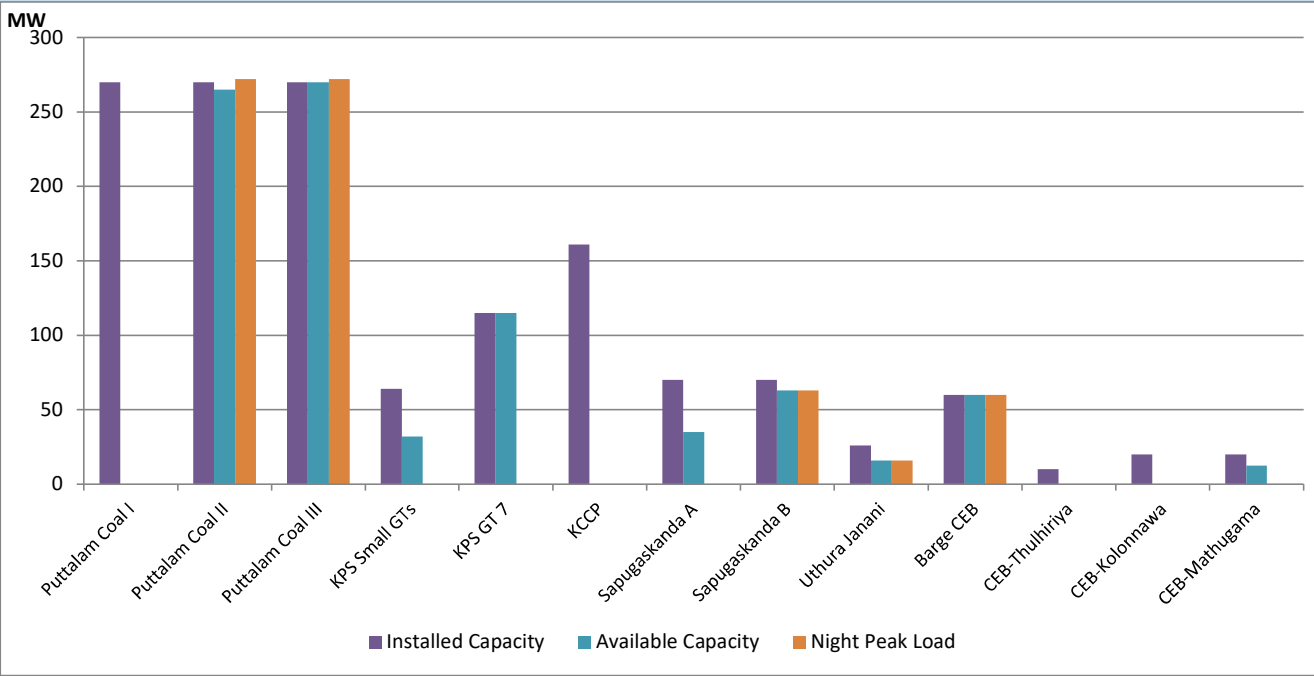
January 8, 2023



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

January 9, 2023

CEB owned Thermal Plant Loading at the Night Peak



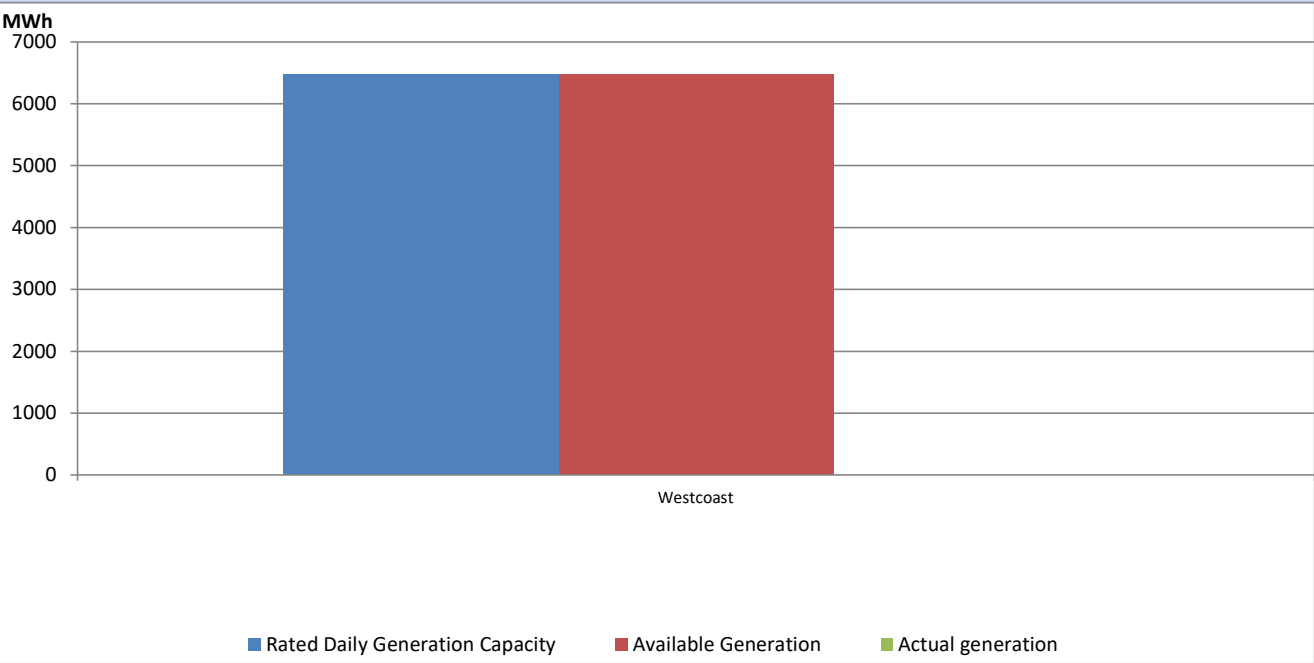
Note- Plant avilability is recorded at 6.00 am on

January 9, 2023

IPP owned Thermal Plant Dispatch

January 8, 2023

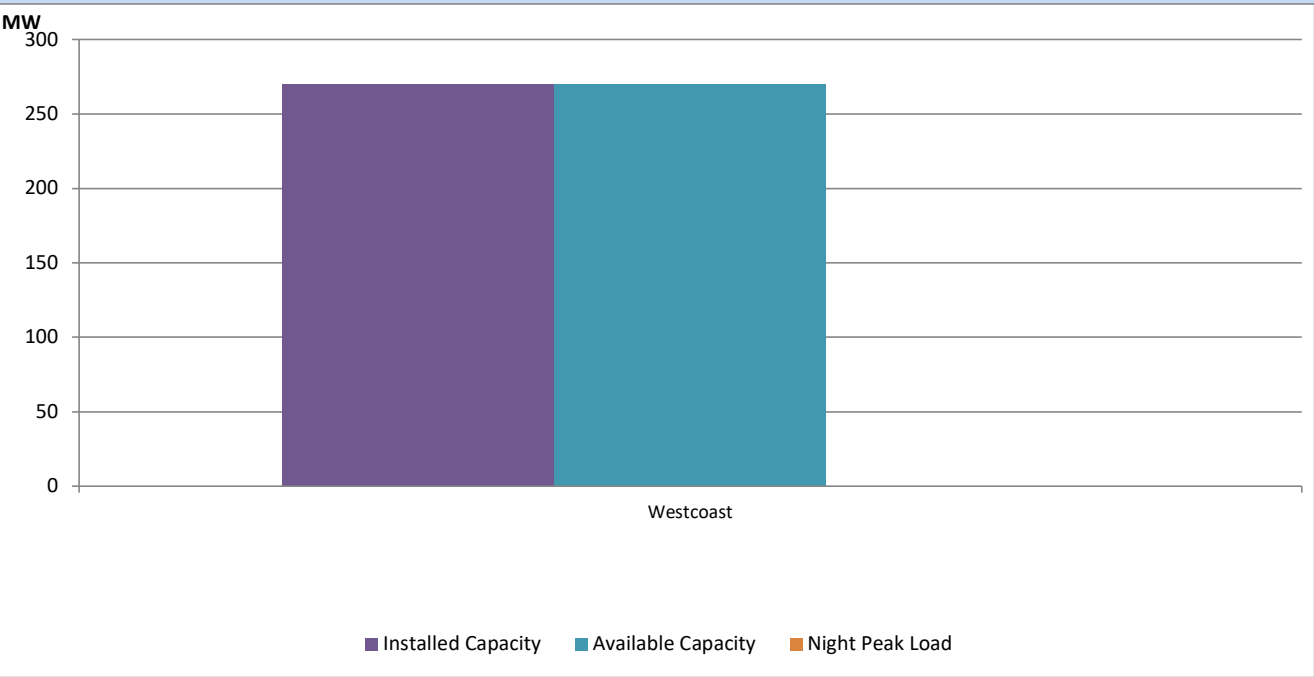
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena,Sogitz Kelanitissa and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

January 9, 2023

IPP owned Thermal Plant Loading at the Night Peak

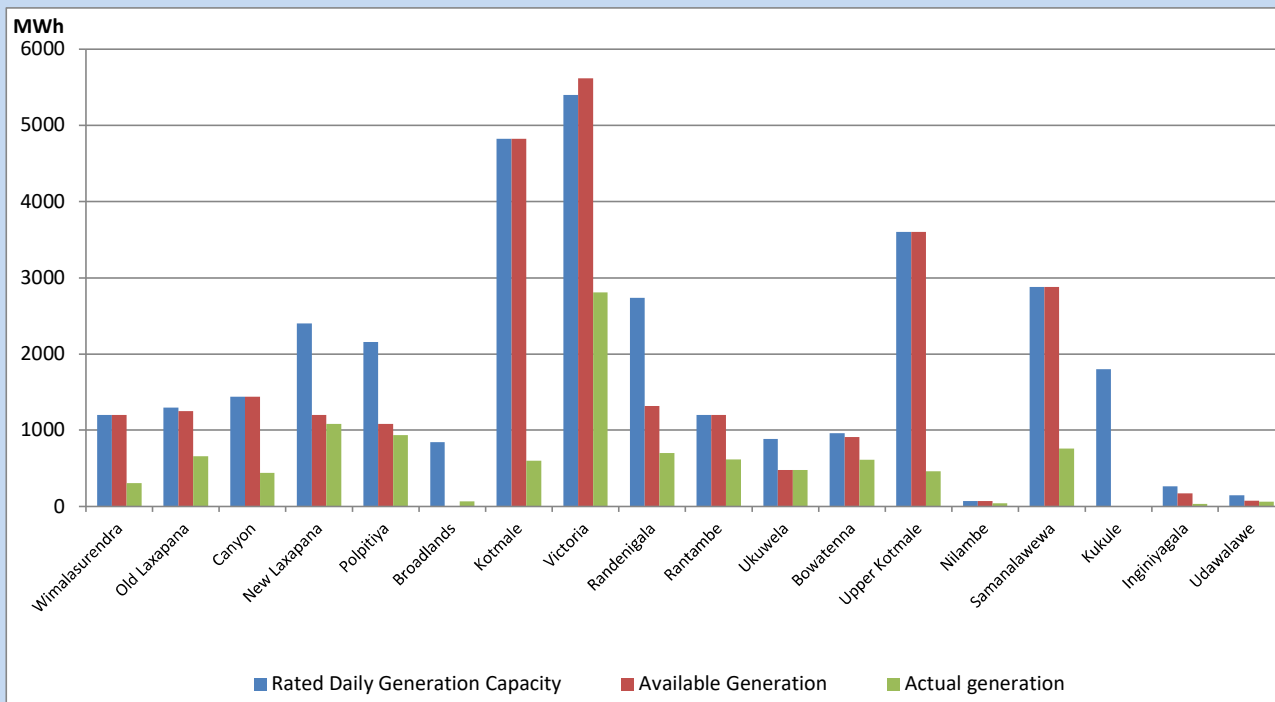


Note- Plant avilability is recorded at 6.00 am on

January 9, 2023

Major Hydro Plant Dispatch

January 8, 2023

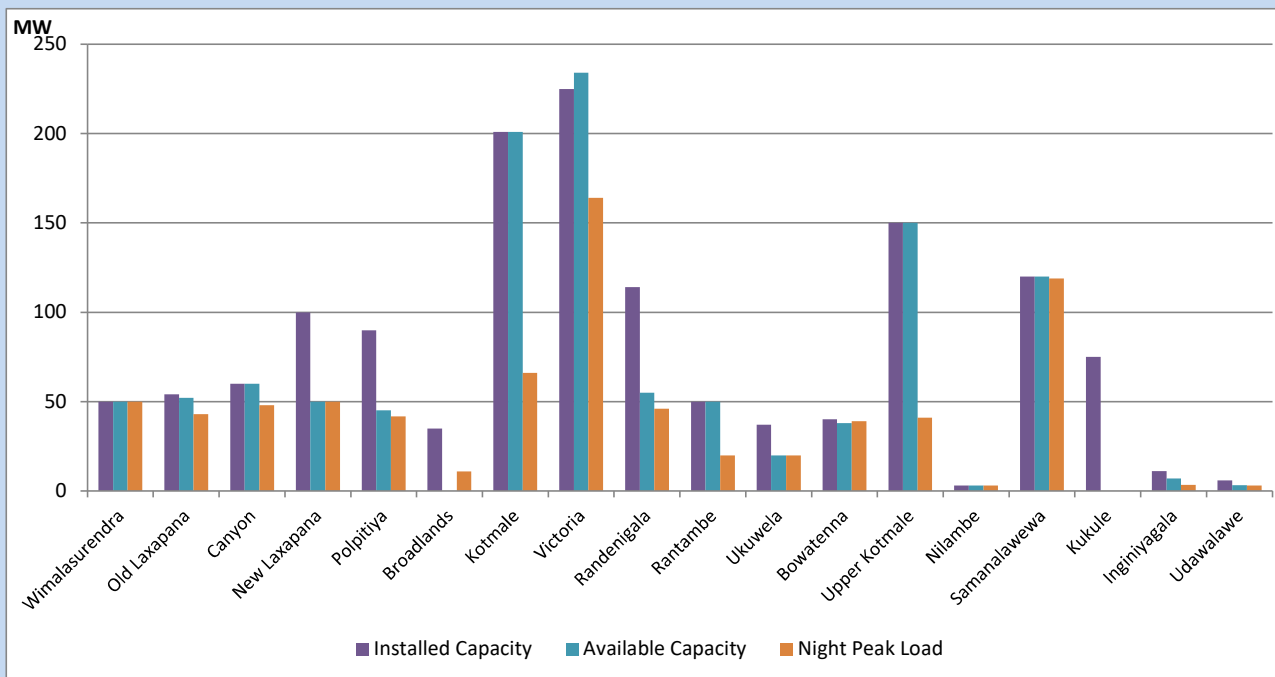


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

January 9, 2023

Major Hydro Plant Loading at Night Peak

January 8, 2023



Note- Plant availability is recorded at 6.00 am on

January 9, 2023

Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

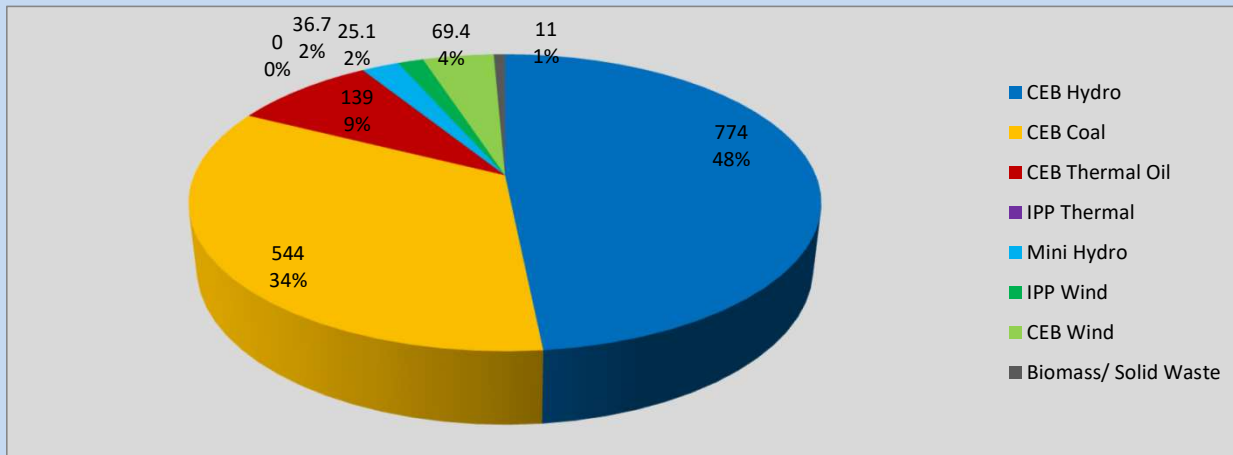
| Plant | Installed Capacity | Plant Availability | Night peak Load | Plant Dispatch |
|--------------------|--------------------|--------------------|-----------------|----------------|
| | (MW) | (MW) | (MW) | (MWh) |
| Wimalasurendra | 50 | 50 | 50 | 306 |
| Old Laxapana | 54 | 52 | 43 | 656 |
| Canyon | 60 | 60 | 48 | 441 |
| New Laxapana | 100 | 50 | 50 | 1,080 |
| Polpitiya | 90 | 45 | 42 | 934 |
| Broadlands | 35 | 0 | 11 | 68 |
| Kotmale | 201 | 201 | 66 | 600 |
| Victoria | 225 | 234 | 164 | 2,807 |
| Randenigala | 114 | 55 | 46 | 698 |
| Rantambe | 50 | 50 | 20 | 614 |
| Ukuwela | 37 | 20 | 20 | 478 |
| Bowatenna | 40 | 38 | 39 | 610 |
| Upper Kotmale | 150 | 150 | 41 | 461 |
| Nilambe | 3 | 3 | 3 | 39 |
| Samanalawewa | 120 | 120 | 119 | 756 |
| Kukule | 75 | 0 | 0 | 0 |
| Inginiyagala | 11 | 7 | 3 | 33 |
| Udawalawe | 6 | 3 | 3 | 61 |
| Puttalam Coal I | 270 | 0 | 0 | 2,219 |
| Puttalam Coal II | 270 | 265 | 272 | 5,168 |
| Puttalam Coal III | 270 | 270 | 272 | 5,754 |
| KPS Small GTs | 64 | 32 | 0 | 0 |
| KPS GT 7 | 115 | 115 | 0 | 0 |
| KCCP | 161 | 0 | 0 | 0 |
| Sapugaskanda A | 70 | 35 | 0 | 28 |
| Sapugaskanda B | 70 | 63 | 63 | 1,455 |
| Uthura Janani | 26 | 16 | 16 | 123 |
| Barge CEB | 60 | 60 | 60 | 1,370 |
| CEB-Thulhiriya | 10 | 0 | 0 | 0 |
| CEB-Kolonnawa | 20 | 0 | 0 | 0 |
| CEB-Mathugama | 20 | 13 | 0 | 0 |
| ACE Matara | 24 | 0 | 0 | 0 |
| Sojitz Kelanitissa | 163 | 0 | 0 | 0 |
| West Coast | 270 | 270 | 0 | 0 |
| ACE Embilipitiya | 93 | 0 | 0 | 0 |
| Total | 3,397 | 2,277 | 1,593 | 30,379 |

Plant availability is the availability recorded at 6 am on

January 9, 2023

Contribution to the Night Peak in MW

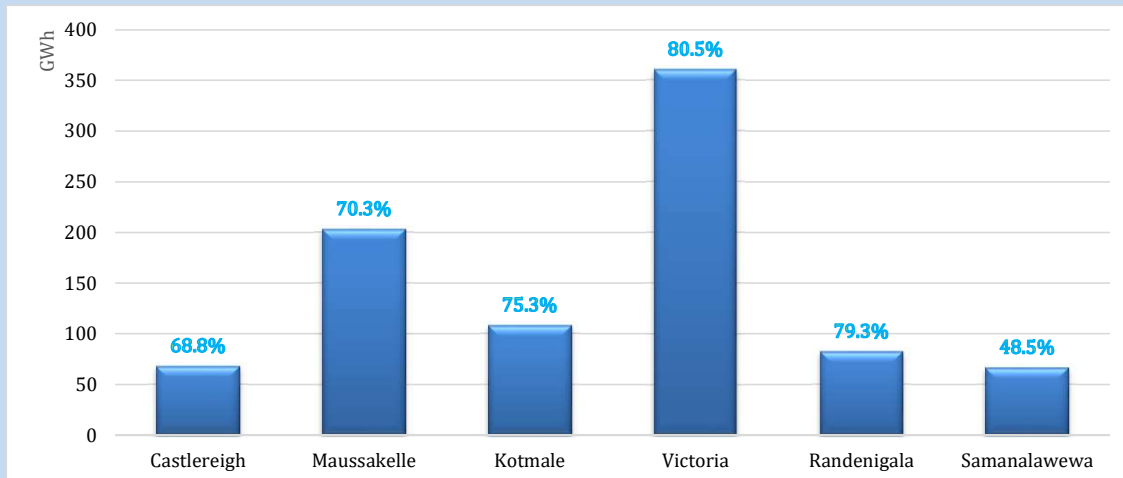
January 8, 2023



| | |
|----------------|------------|
| Night Peak* | 1,599.3 MW |
| Day Peak | 1,361.7 MW |
| Minimum Demand | 1,037.3 MW |

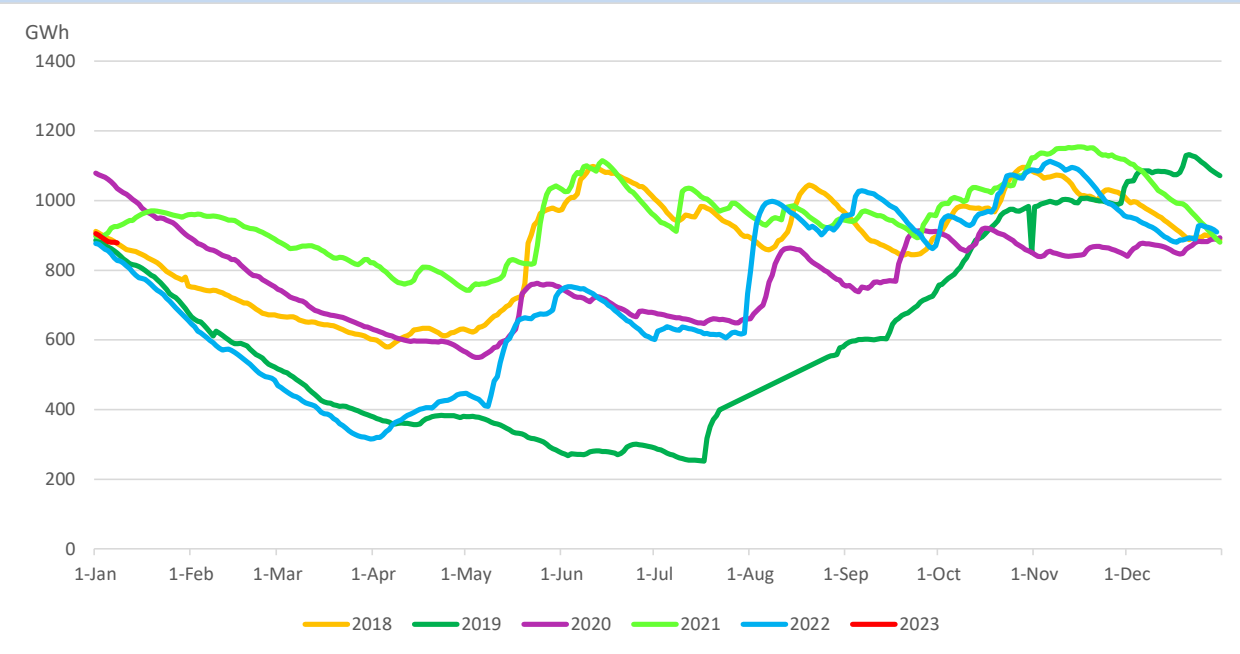
Above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Reservoir Levels - as at 06.00 Hr on January 9, 2023

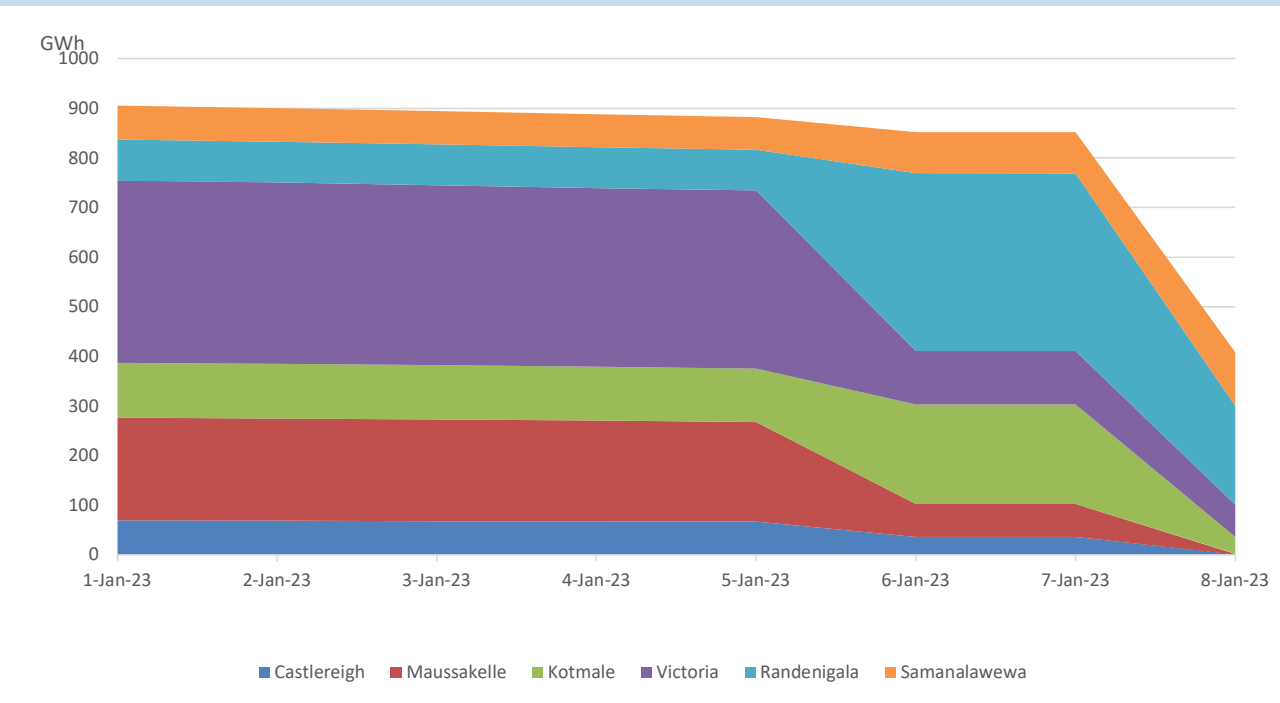


| | |
|-----------------------|-----------|
| Total Reservoir Level | 878.8 GWh |
| % of Total capacity | 72.9% |

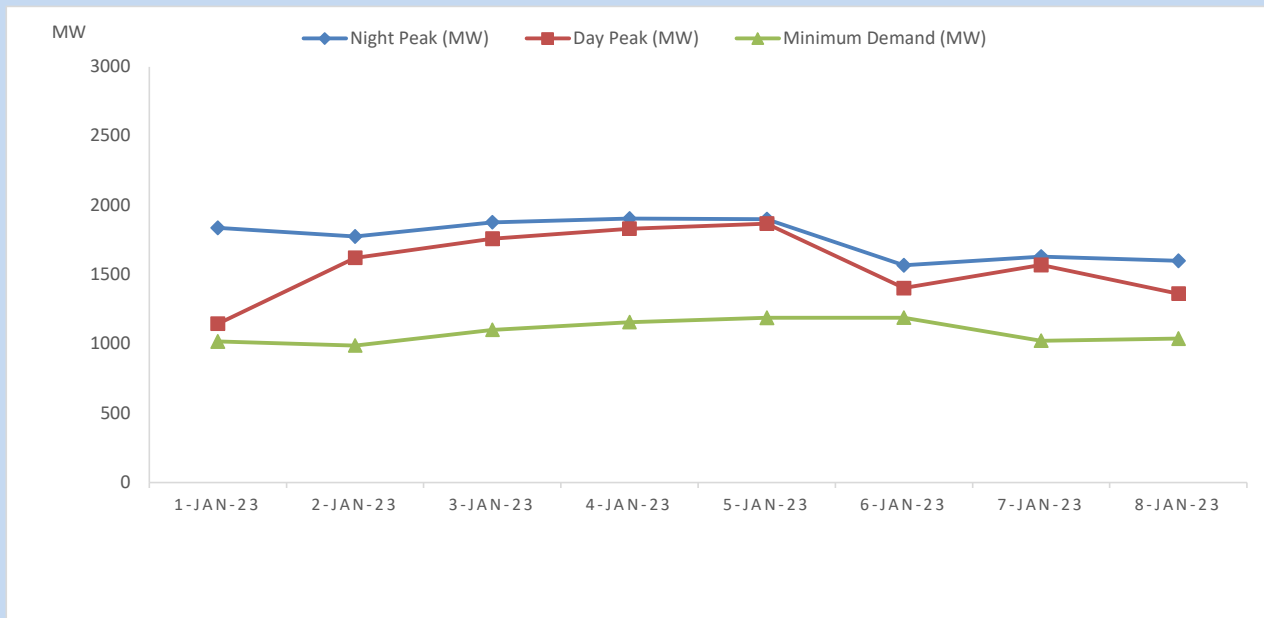
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

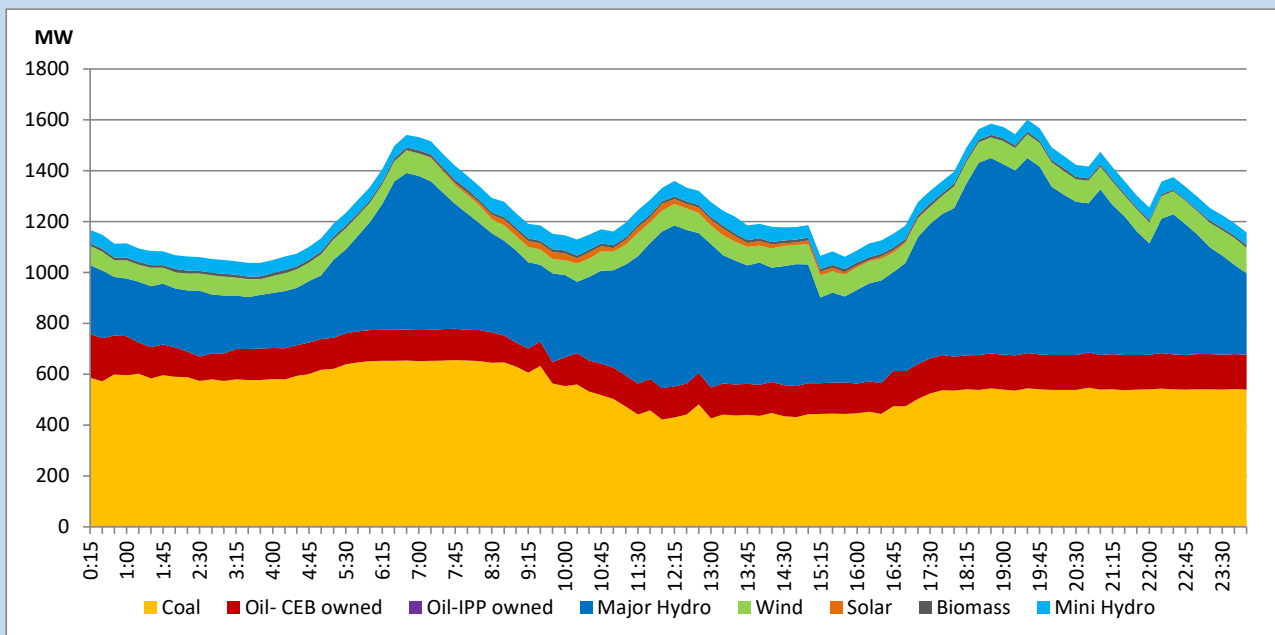


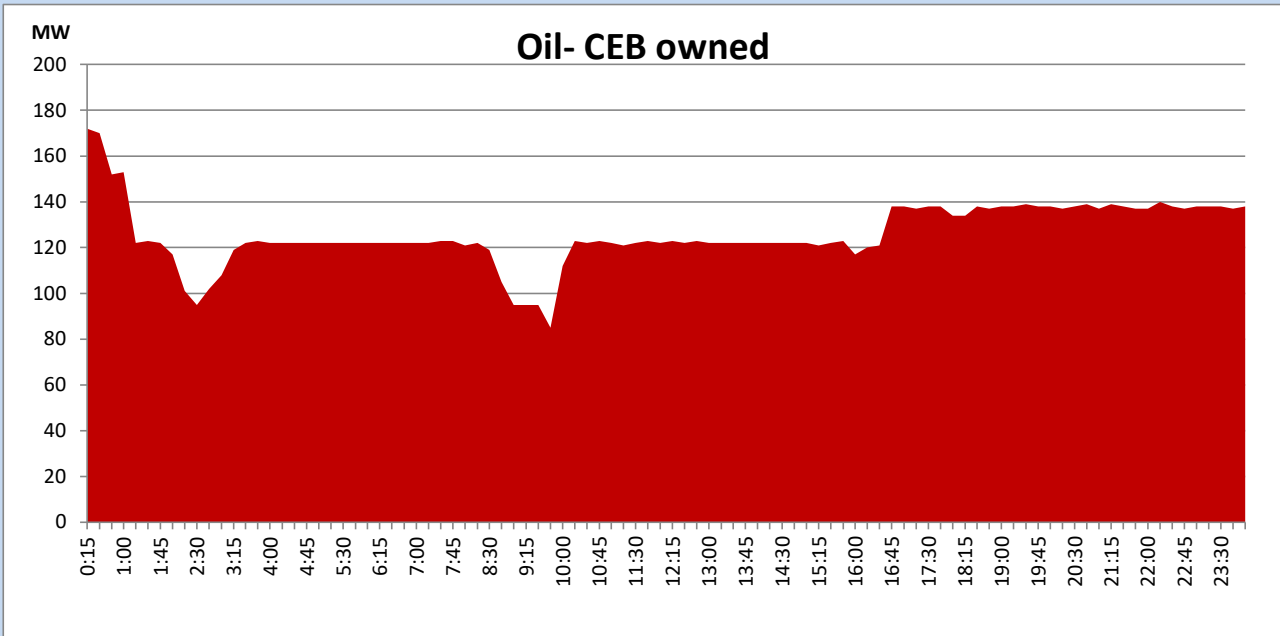
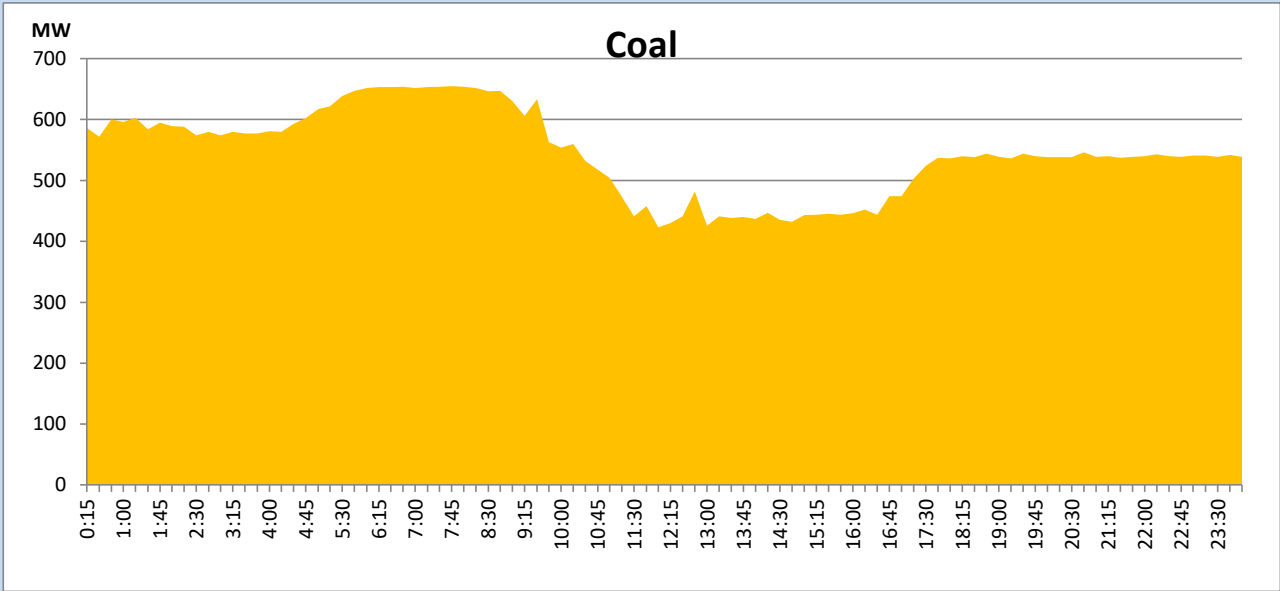
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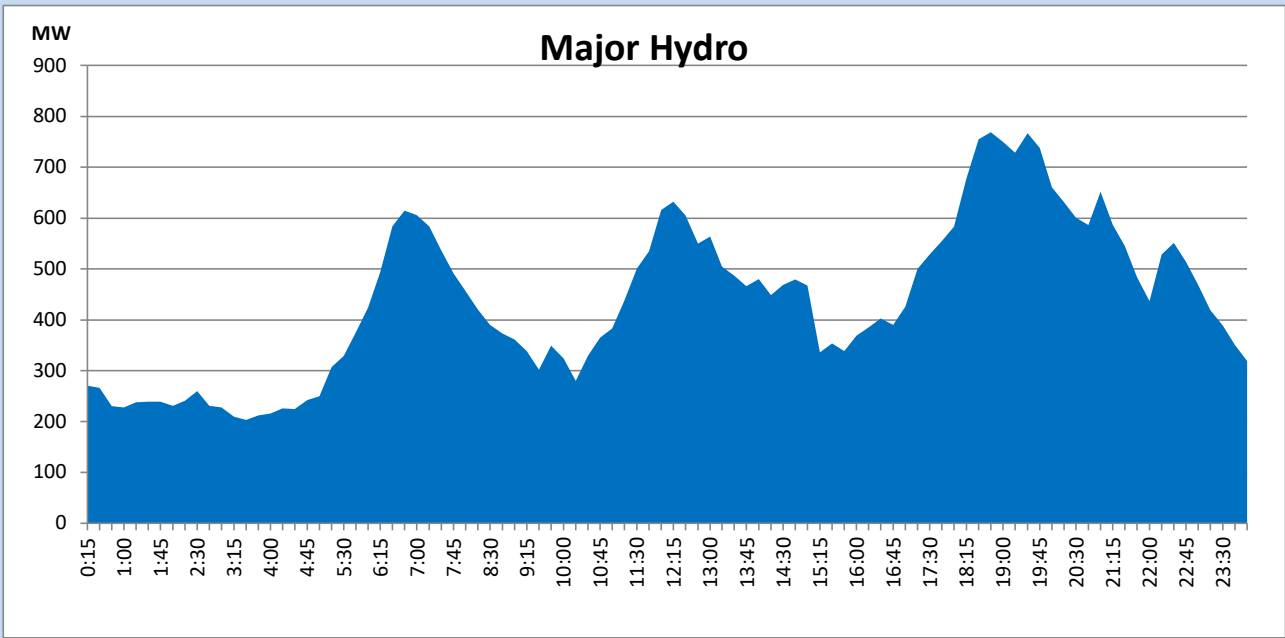
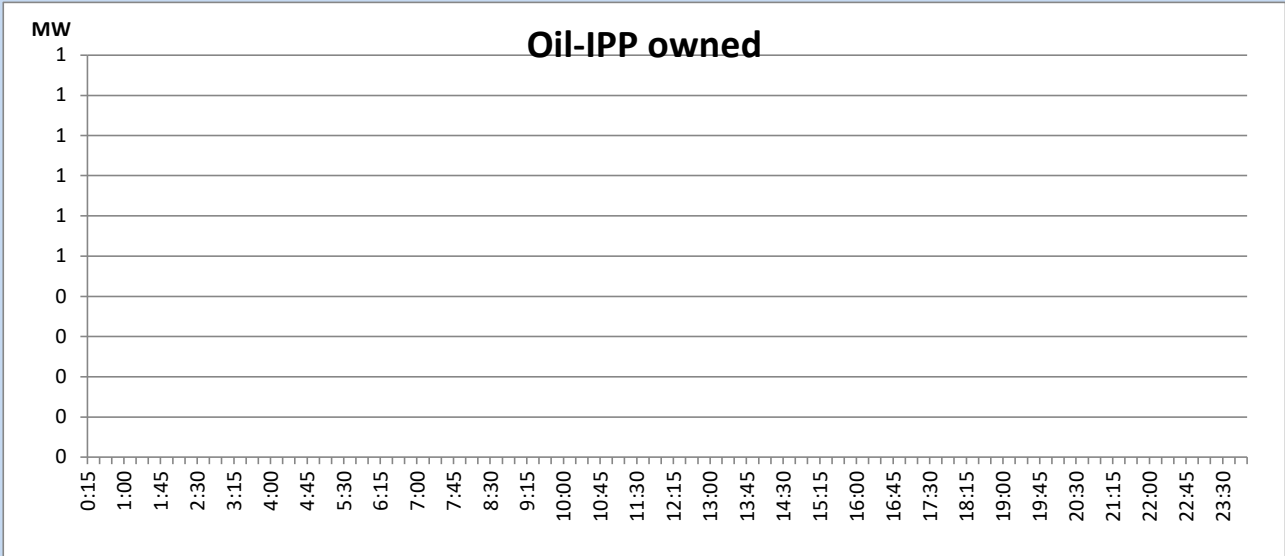
Daily Load Curve of the Previous day

January 8, 2023

Solar and wind data is based on Telemetered Power Stations only



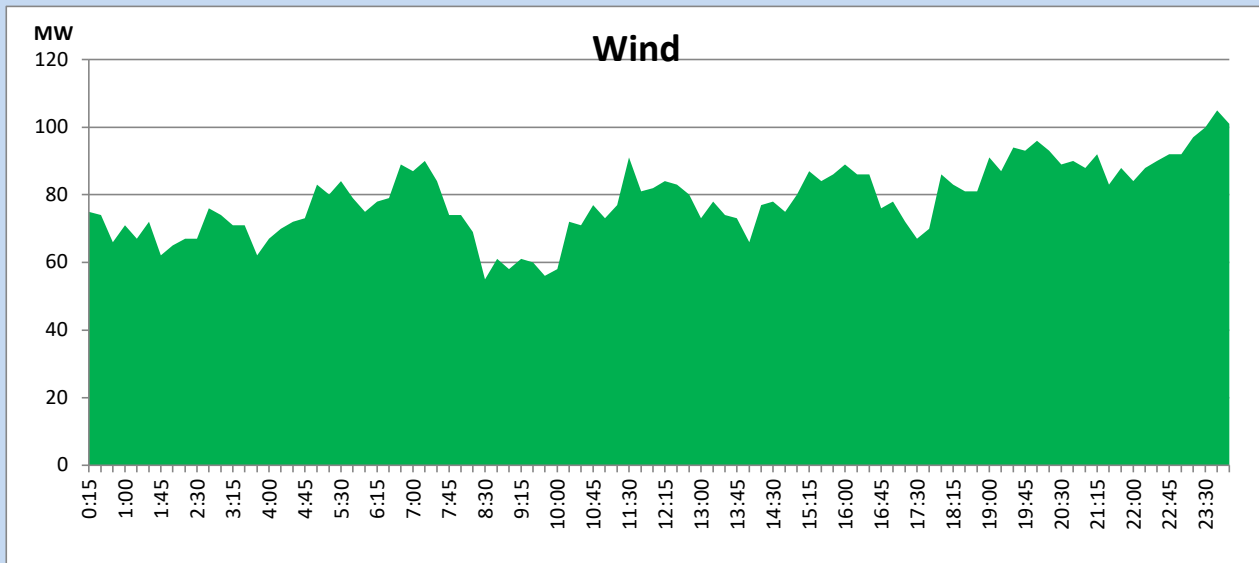




Wind Generation during the Previous day

January 7, 2023

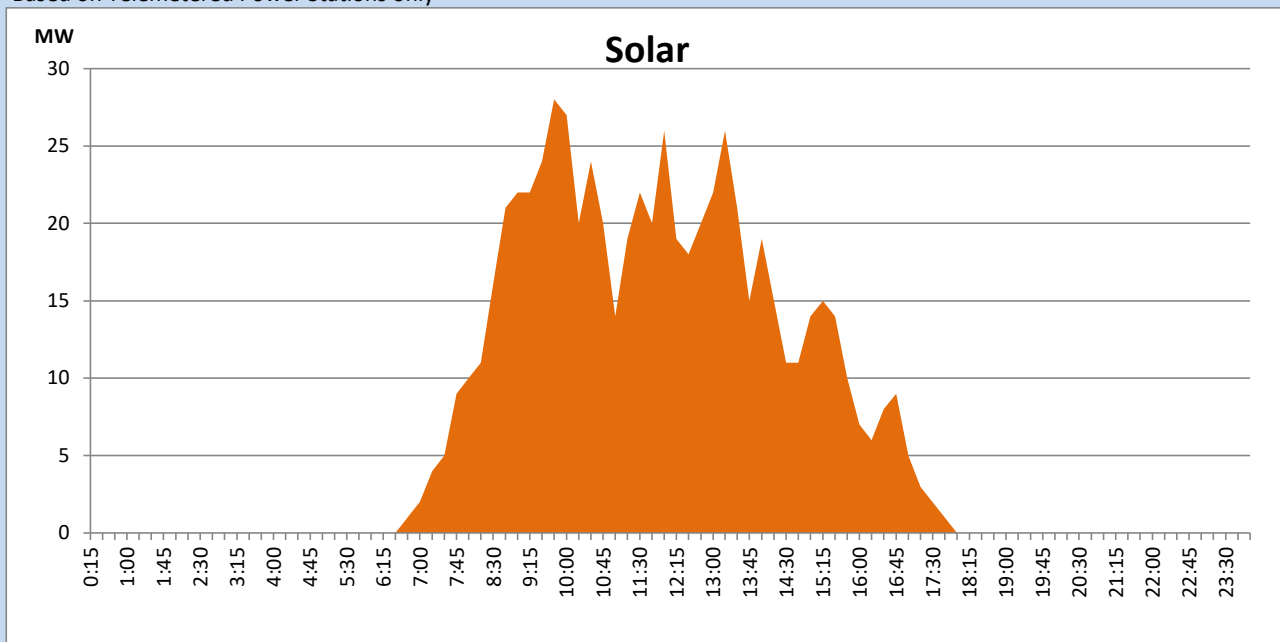
Based on Telemetered Power Stations only



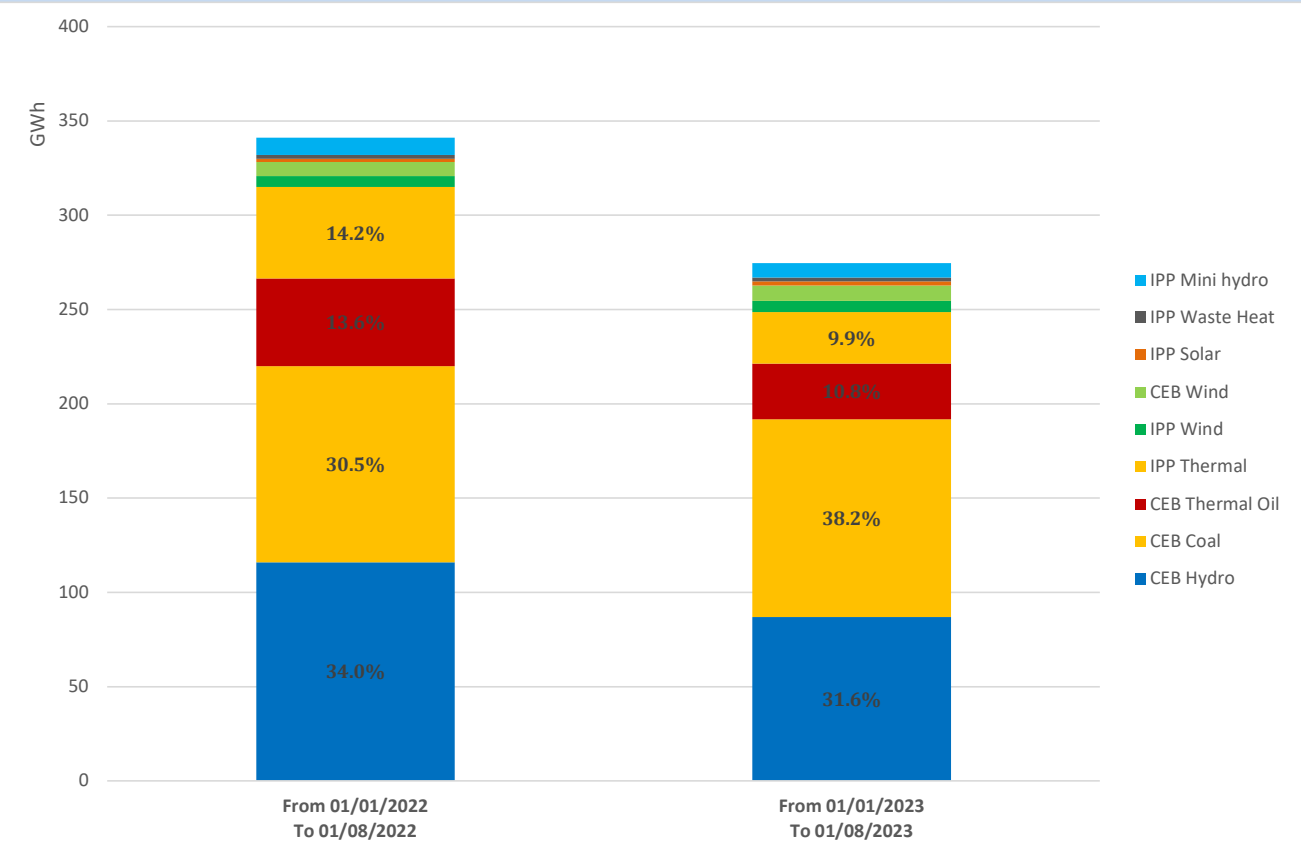
Solar Generation during the Previous day

January 7, 2023

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 or 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 / Heavy Fuel |
| ACE Matara | Heavy Fuel |
| ACE Embilipitiya | Heavy Fuel |

Major incidents reported during the day

January 8, 2023

1) Rotational manual load shedding was carried out from 15:00hrs to 22:00hrs.