

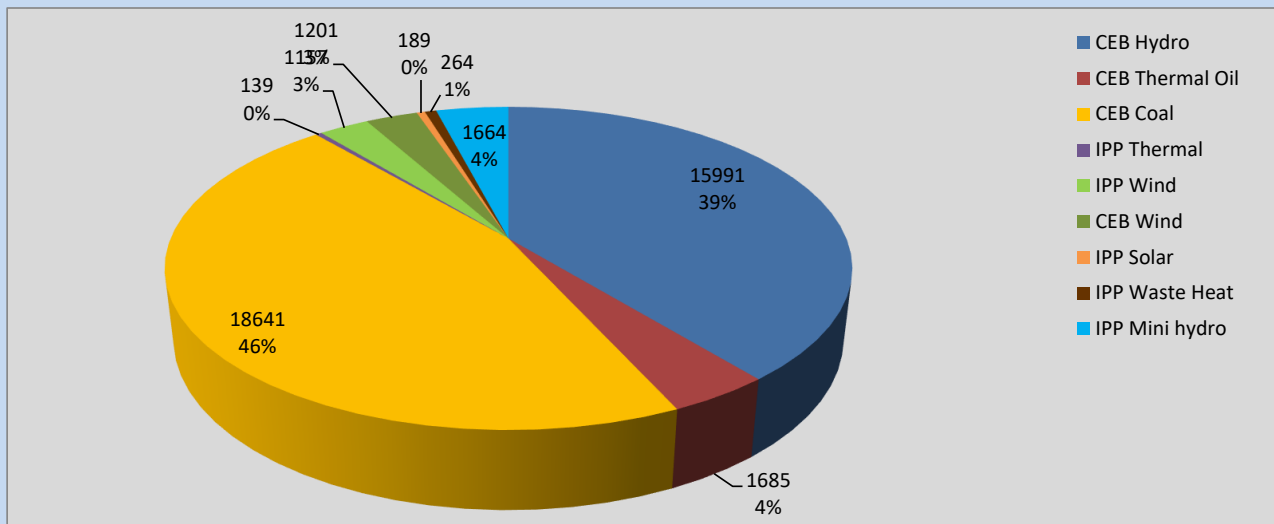
Generation and Reservoirs Statistics

June 15, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **40,931 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

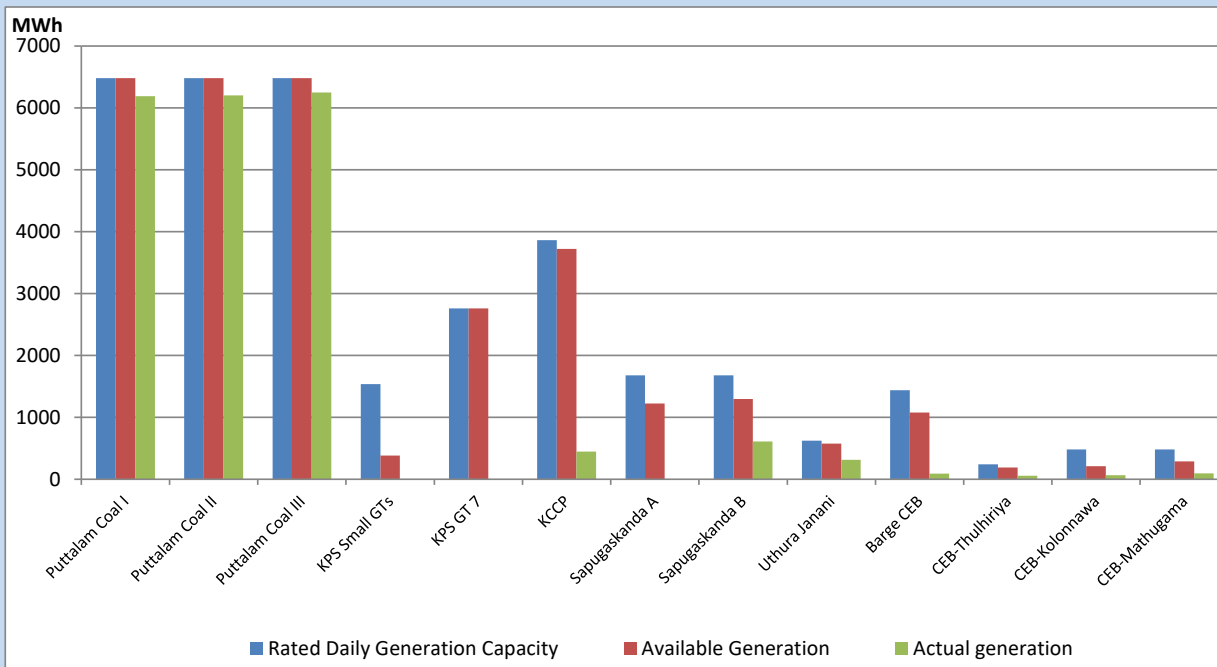
Category	Dispatch (GWh)	Percentage
CEB Hydro	231.11	38.63%
CEB Thermal Oil	2.59	0.43%
CEB Coal	270.01	45.14%
IPP Thermal	2.57	0.43%
SPP Wind	26.79	4.48%
CEB Wind	28.70	4.80%
SPP Solar	3.40	0.57%
SPP Solid Waste	3.32	0.56%
Mini Hydro	29.70	4.96%
Total	598.19	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,840.2	26.70%
CEB Thermal Oil	861.1	12.49%
CEB Coal	2,836.3	41.15%
IPP Thermal	811.1	11.77%
SPP Wind	127.7	1.85%
CEB Wind	145.4	2.11%
SPP Solar	42.4	0.62%
SPP Solid Waste	34.6	0.50%
Mini Hydro	193.4	2.81%
Total	6,891.9	

CEB owned Thermal Plant Dispatch

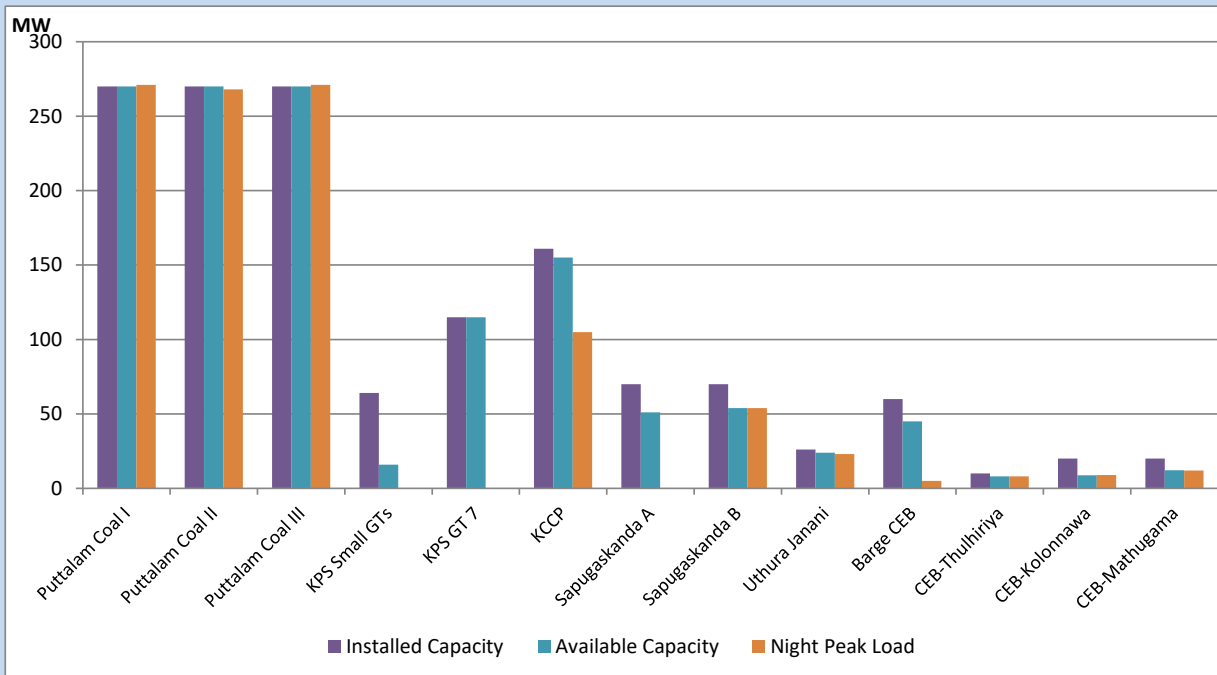
June 15, 2022



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

June 16, 2022

CEB owned Thermal Plant Loading at the Night Peak



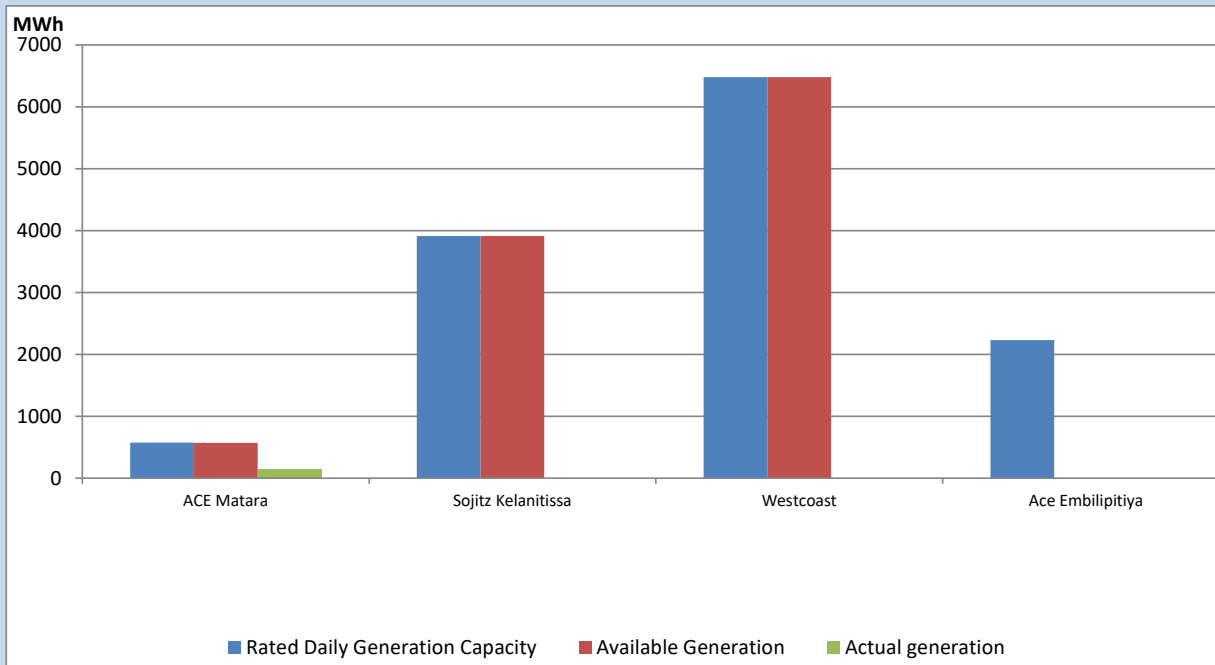
Note- Plant availability is recorded at 6.00 am on

June 16, 2022

IPP owned Thermal Plant Dispatch

June 15, 2022

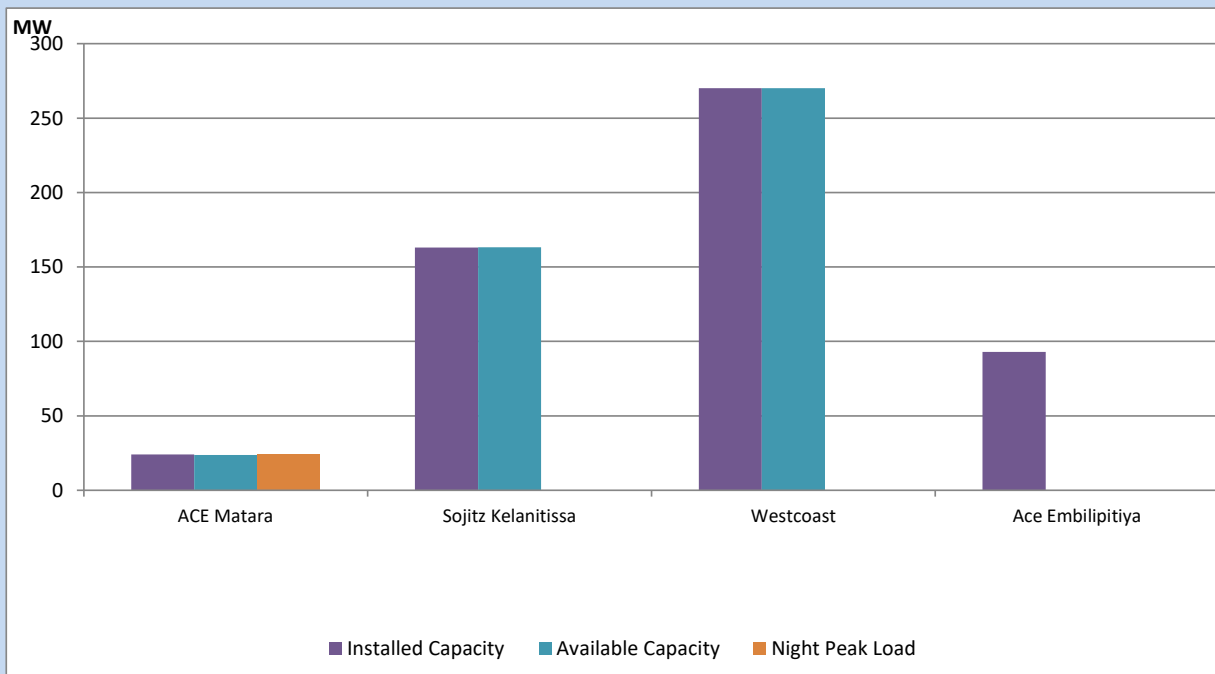
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 16, 2022

IPP owned Thermal Plant Loading at the Night Peak

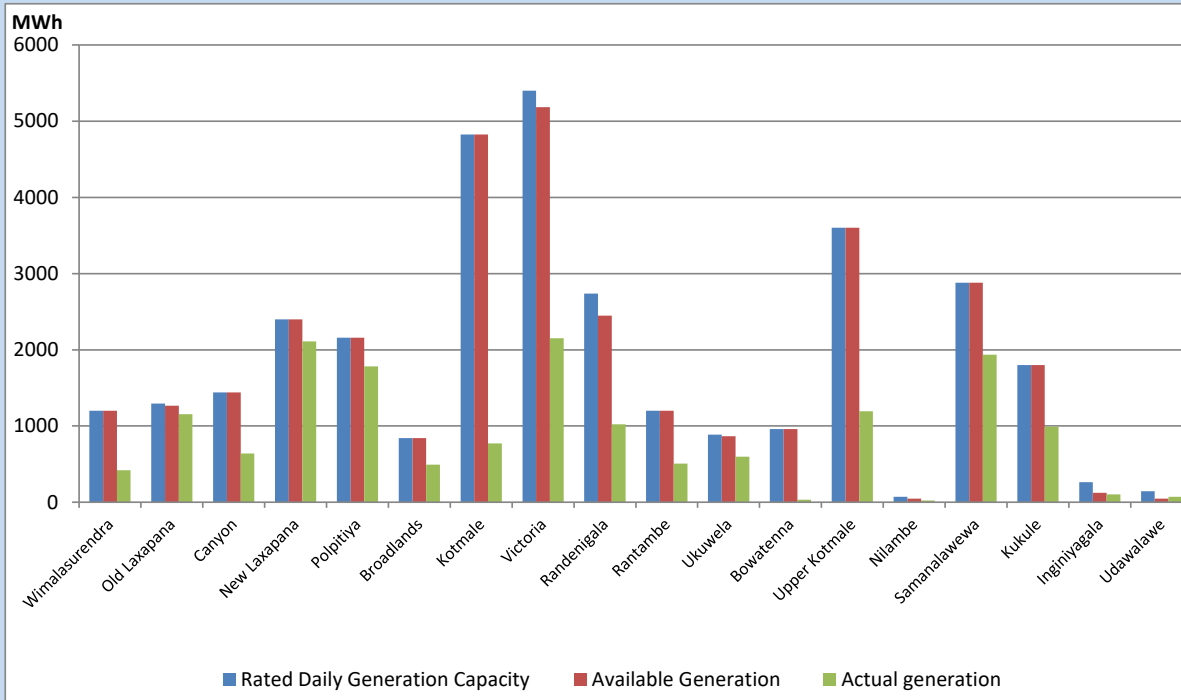


Note- Plant availability is recorded at 6.00 am on

June 16, 2022

Major Hydro Plant Dispatch

June 15, 2022

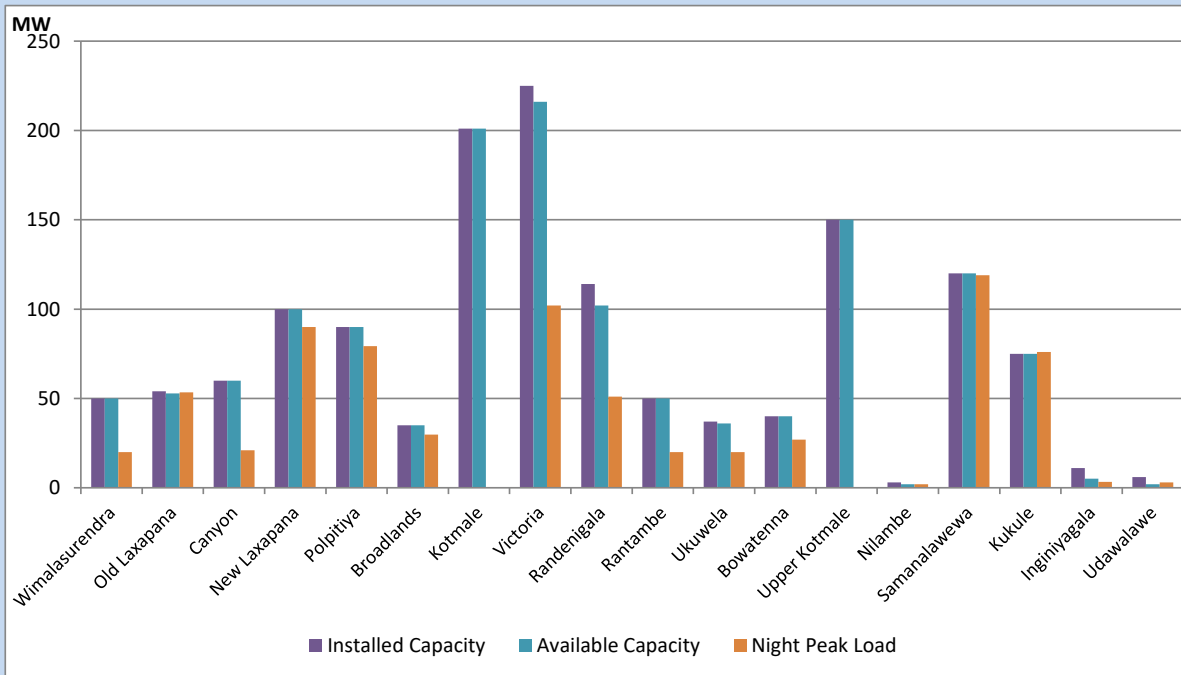


Available Generation is estimated based on plant availability at 6.00am on June 16, 2022
 Broadlands power plant is operating in the Commissioning Stage

June 16, 2022

Major Hydro Plant Loading at Night Peak

June 15, 2022



Note- Plant availability is recorded at 6.00 am on June 16, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

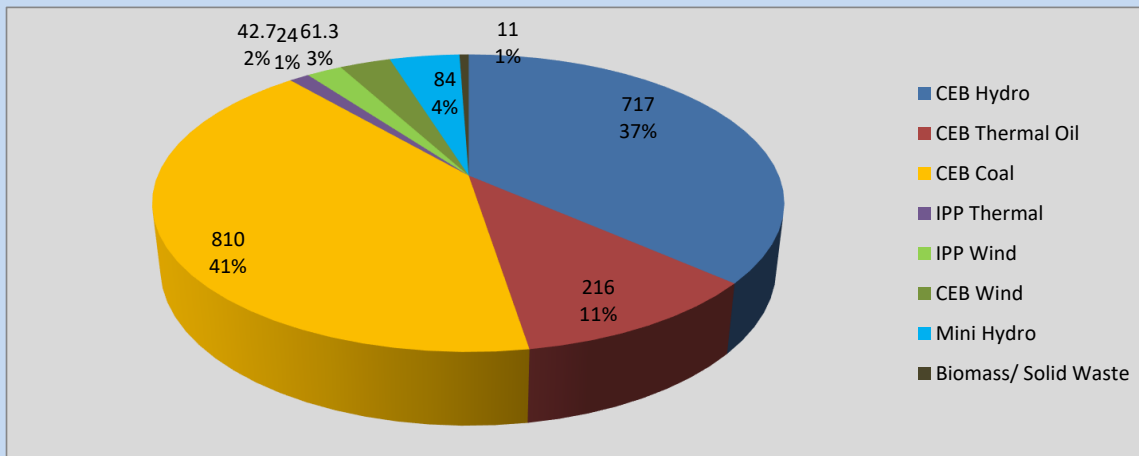
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	20	418
Old Laxapana	54	53	53	1,155
Canyon	60	60	21	640
New Laxapana	100	100	90	2,110
Polpitiya	90	90	79	1,782
Broadlands	35	35	30	493
Kotmale	201	201	0	770
Victoria	225	216	102	2,153
Randenigala	114	102	51	1,023
Rantambe	50	50	20	505
Ukuwela	37	36	20	596
Bowatenna	40	40	27	31
Upper Kotmale	150	150	0	1,195
Nilambe	3	2	2	22
Samanalawewa	120	120	119	1,935
Kukule	75	75	76	990
Inginiyagala	11	5	3	102
Udawalawe	6	2	3	71
Puttalam Coal I	270	270	271	6,189
Puttalam Coal II	270	270	268	6,202
Puttalam Coal III	270	270	271	6,250
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	105	446
Sapugaskanda A	70	51	0	0
Sapugaskanda B	70	54	54	611
Uthura Janani	26	24	23	316
Barge CEB	60	45	5	93
CEB-Thulhiriya	10	8	8	57
CEB-Kolonnawa	20	9	9	67
CEB-Mathugama	20	12	12	95
ACE Matara	24	24	24	139
Sojitz Kelanitissa	163	163	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	3,143	1,966	40,931

Plant availability is the availability recorded at 6 am on

June 16, 2022

Contribution to the Night Peak in MW

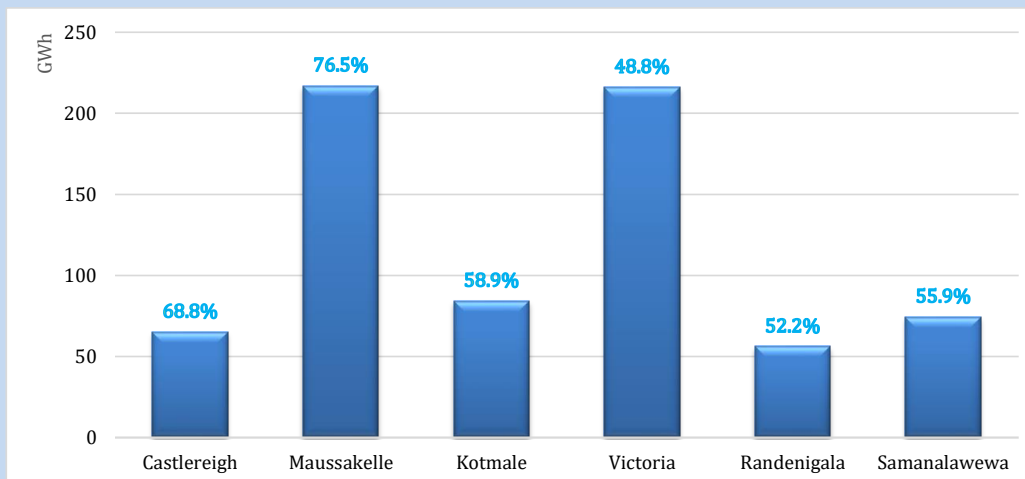
June 15, 2022



Night Peak*	1,965.7 MW
Day Peak	1,985.1 MW
Minimum Demand	1,178.3 MW

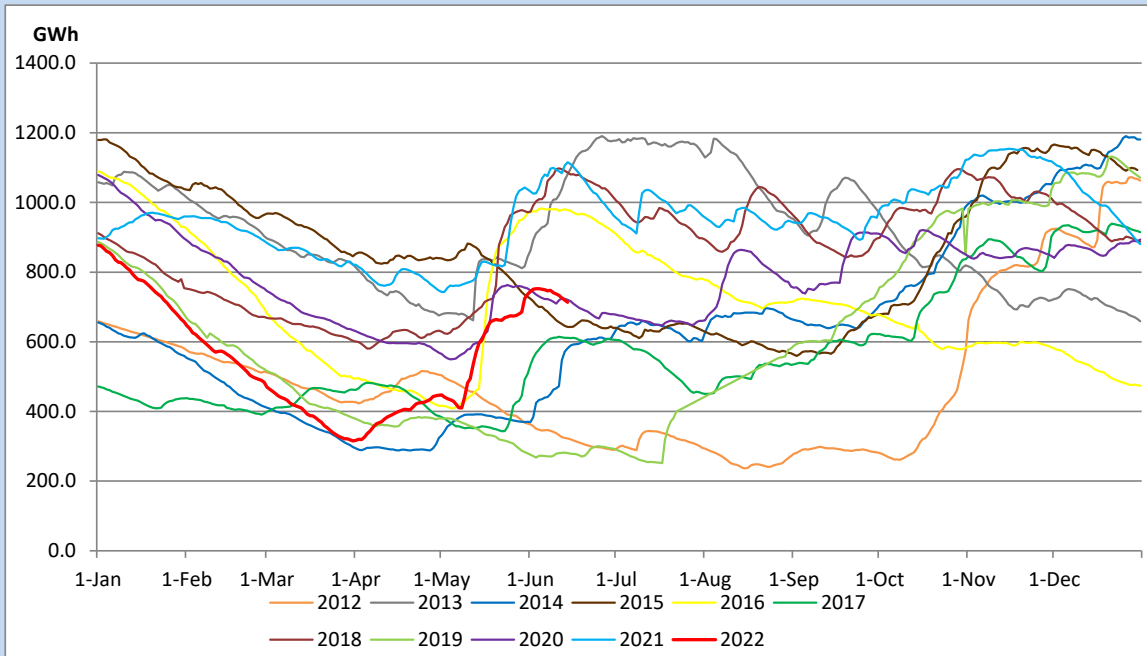
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on June 16, 2022

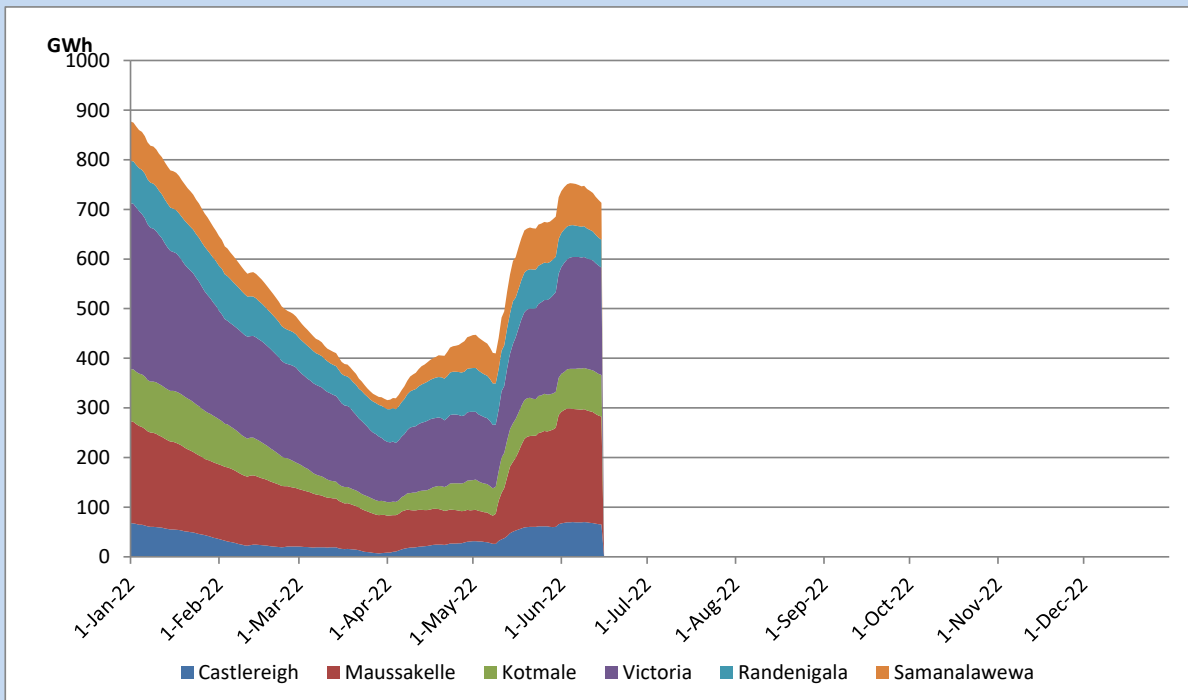


Total Reservoir Level	713.3 GWh
% of Total capacity	59.2%

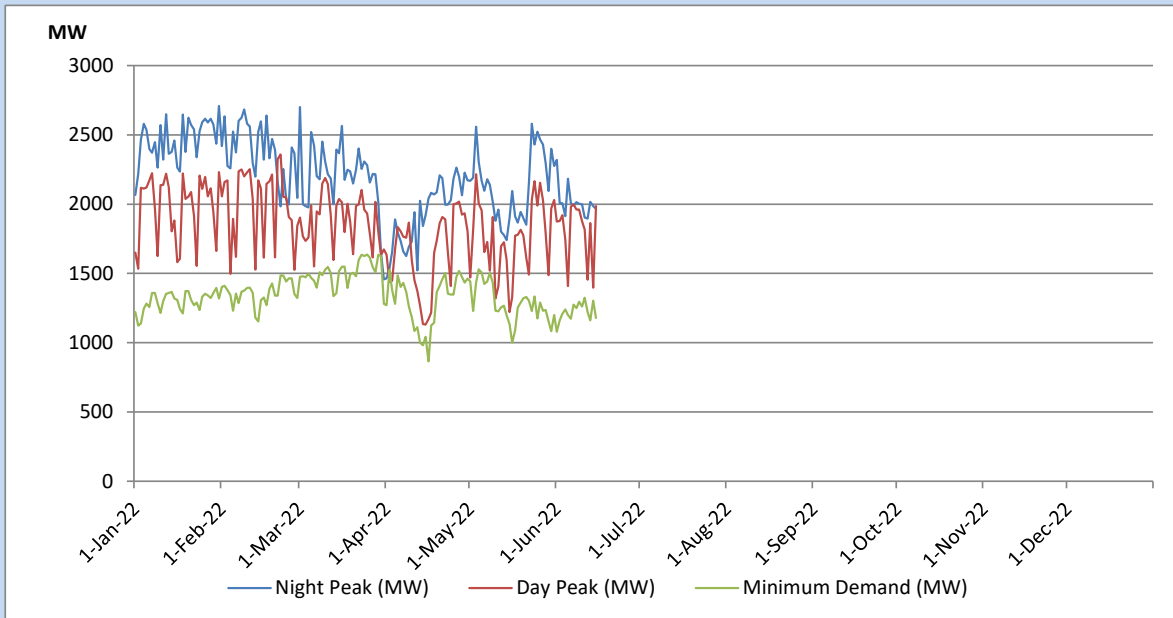
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

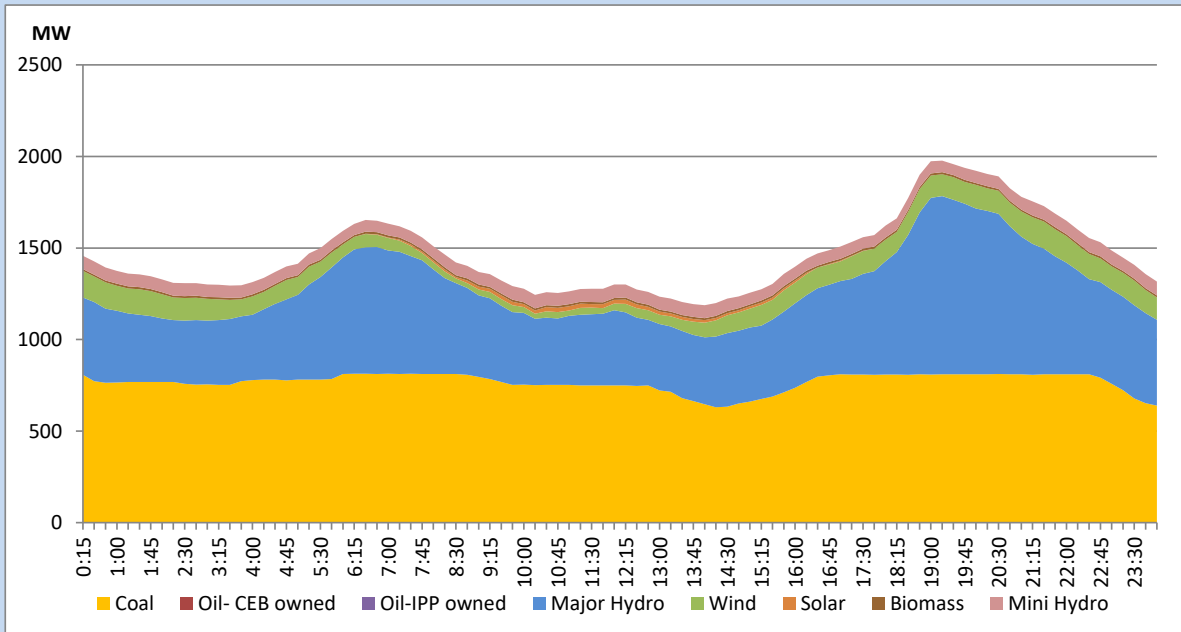


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

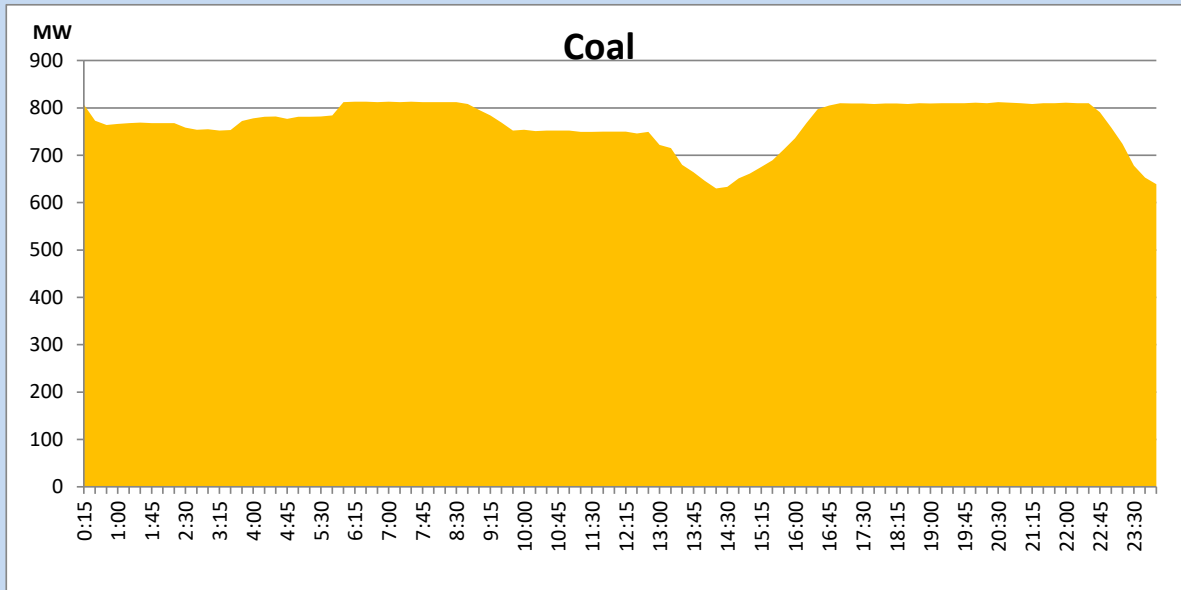
June 14, 2022

Solar and wind data is based on Telemetered Power Stations only



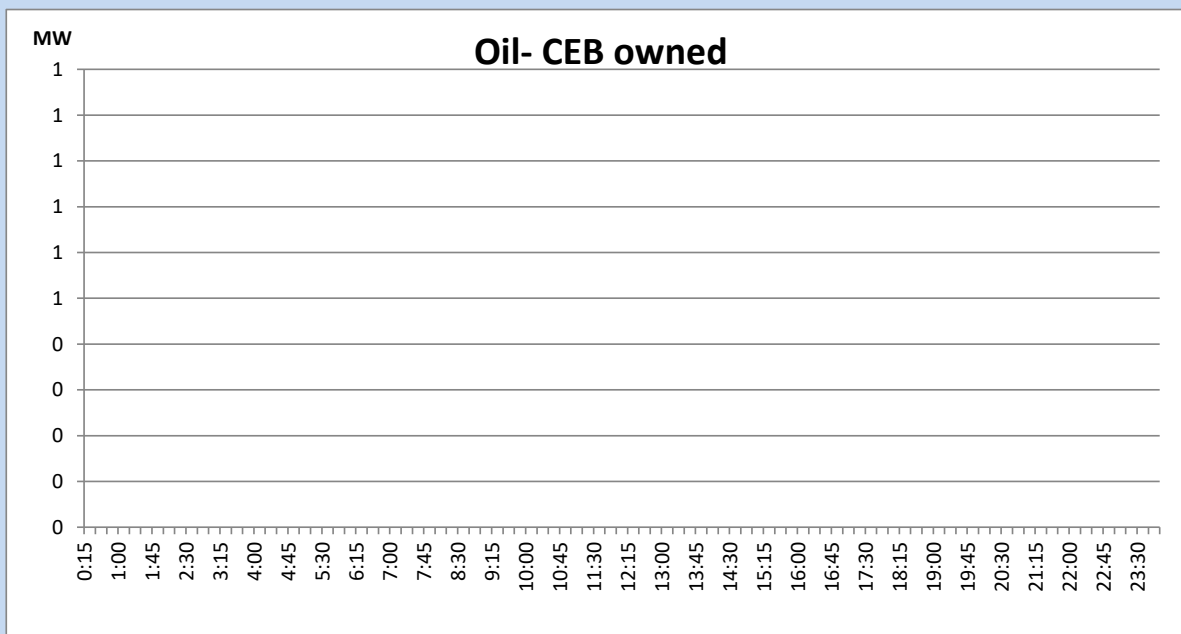
Coal Generation during the Previous day

June 14, 2022



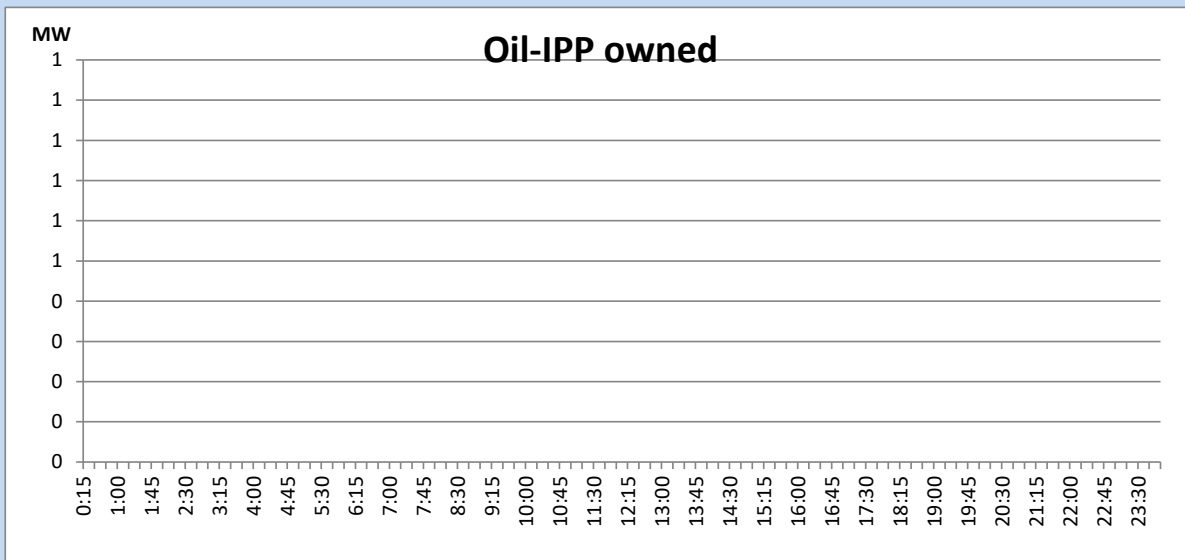
CEB Oil Plant Generation during the Previous day

June 14, 2022



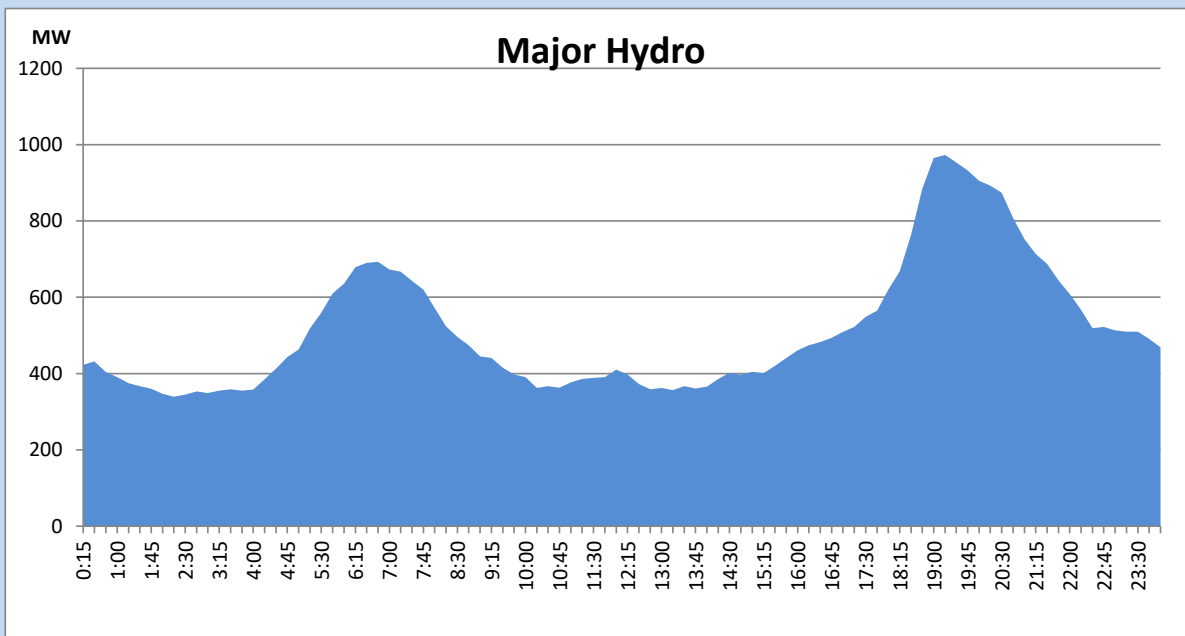
IPP Oil Plant Generation during the Previous day

June 14, 2022



Major Hydro Generation during the Previous day

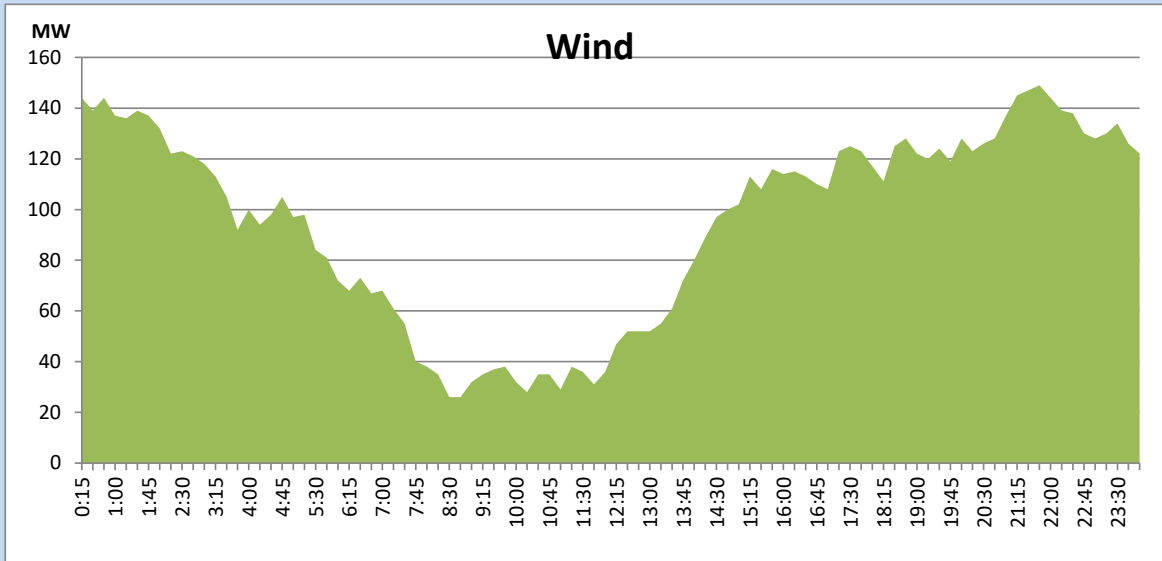
June 14, 2022



Wind Generation during the Previous day

June 14, 2022

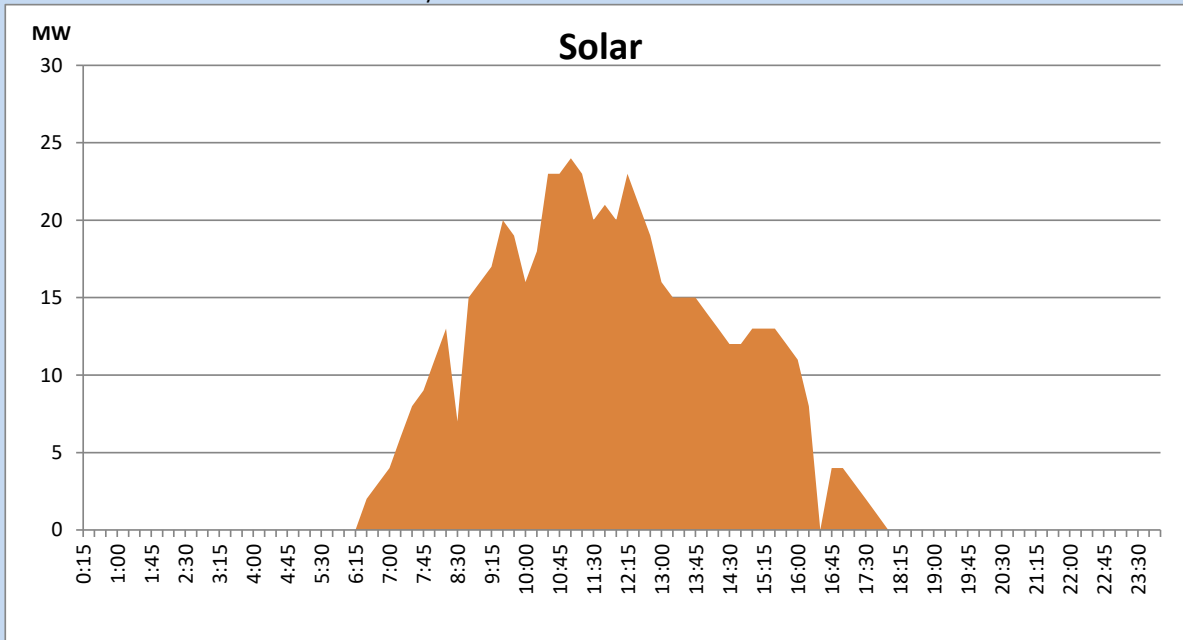
Based on Telemetered Power Stations only



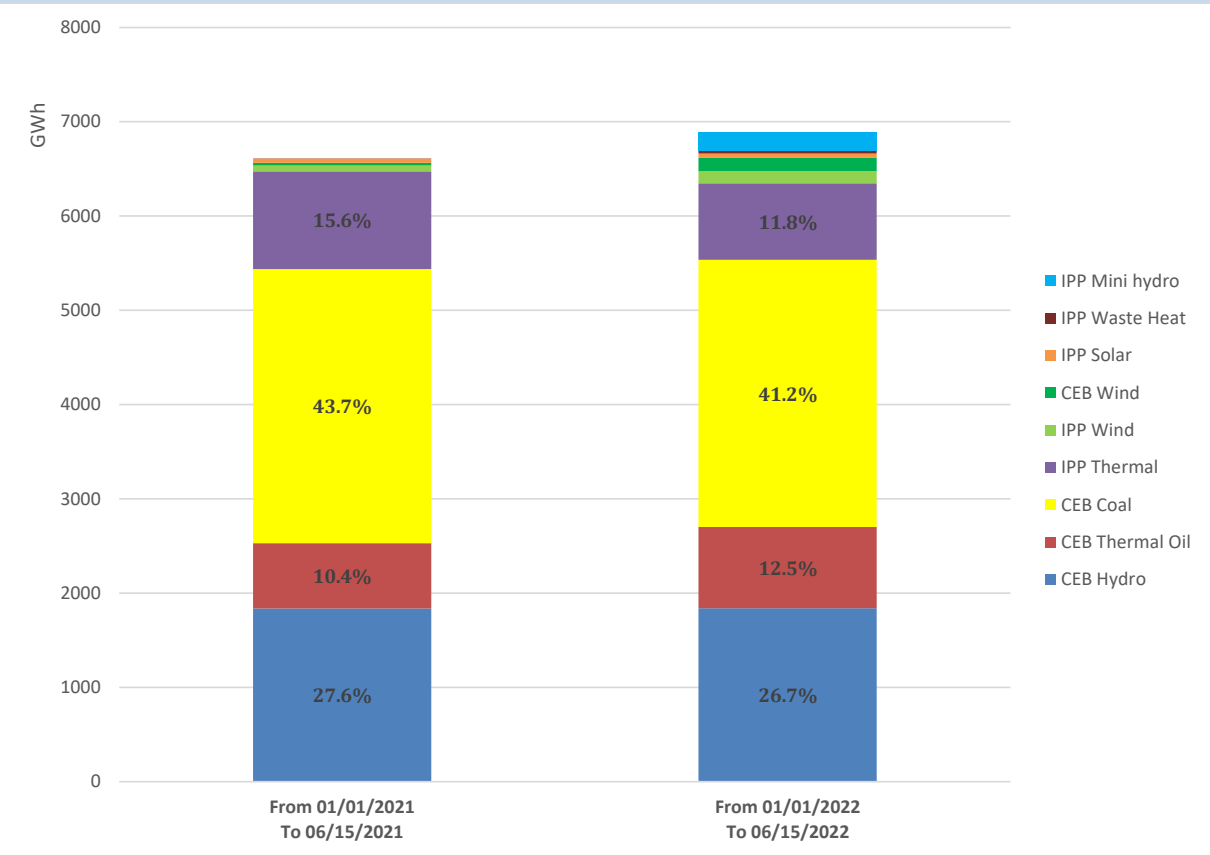
Solar Generation during the Previous day

June 14, 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 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 during the day -as reported by CEB morning of

June 16, 2022

- 1) Rotational manual load shedding was carried out from 6:00hrs to 21:45hrs.
- 2) Monaragala-Ampara cct tripped from Monaragala end and tripped and A/R from Ampara end at 17:38hrs due to the operation of distance protection causing Monaragala GSS to be dead. Monaragala-Ampara cct and Monaragala GSS were normalized by 17:50hrs.