

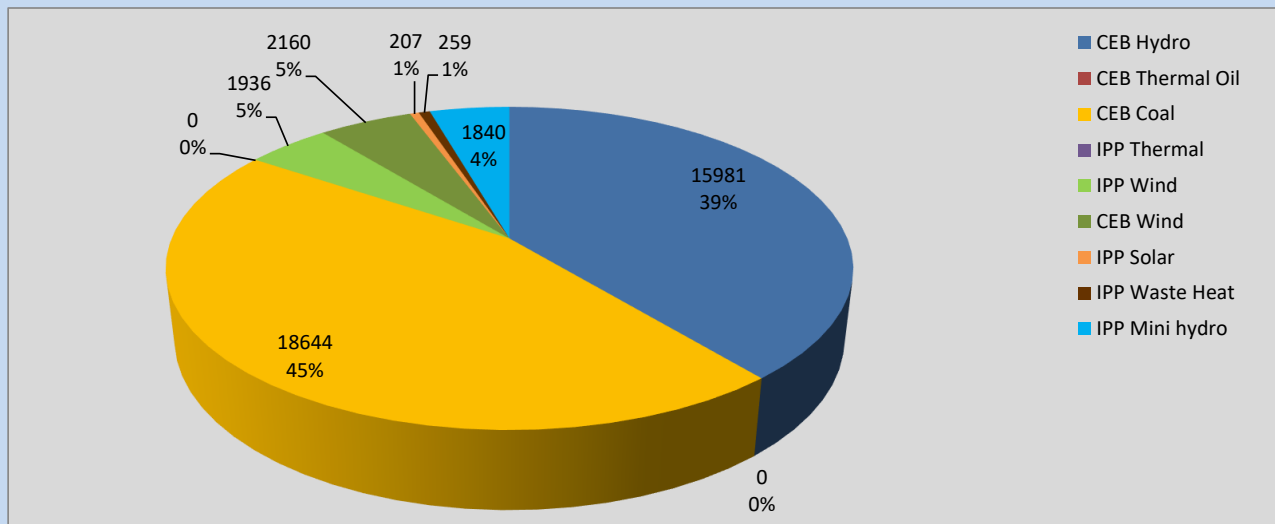
Generation and Reservoirs Statistics

June 11, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

41,027 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

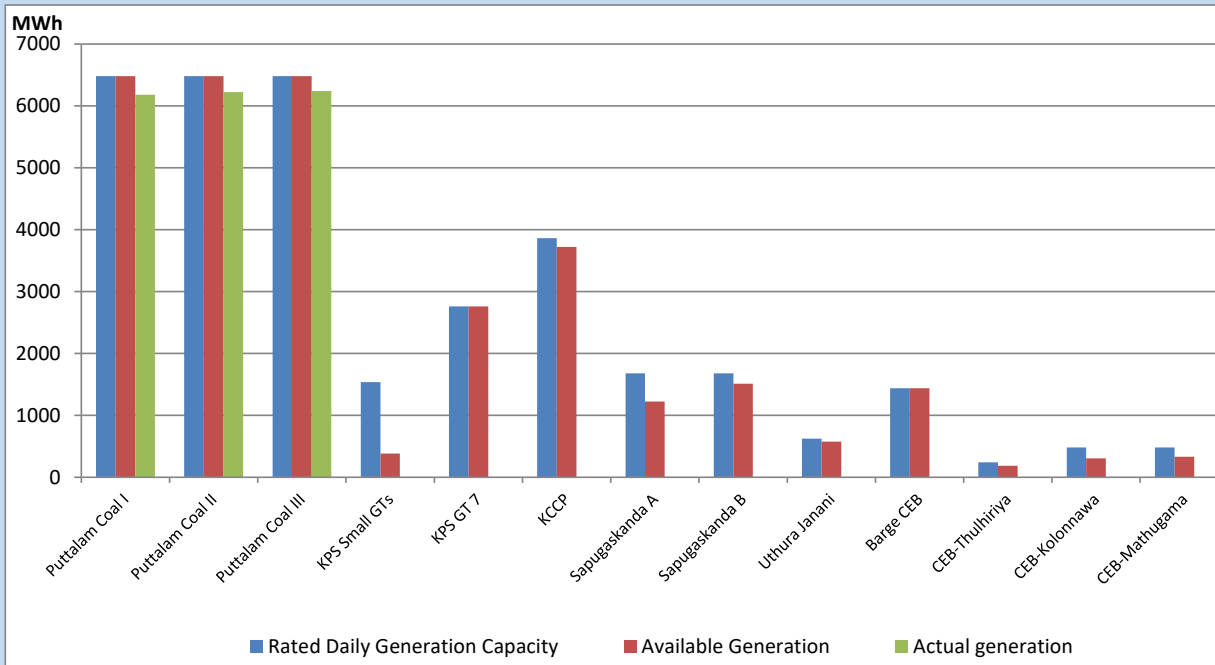
Category	Dispatch (GWh)	Percentage
CEB Hydro	174.65	39.16%
CEB Thermal Oil	0.91	0.20%
CEB Coal	196.09	43.97%
IPP Thermal	2.43	0.54%
SPP Wind	21.46	4.81%
CEB Wind	22.50	5.04%
SPP Solar	2.46	0.55%
SPP Solid Waste	2.27	0.51%
Mini Hydro	23.23	5.21%
Total	446.00	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,783.7	26.47%
CEB Thermal Oil	859.4	12.75%
CEB Coal	2,762.4	40.99%
IPP Thermal	810.9	12.03%
SPP Wind	122.4	1.82%
CEB Wind	139.2	2.07%
SPP Solar	41.5	0.62%
SPP Solid Waste	33.6	0.50%
Mini Hydro	186.9	2.77%
Total	6,739.8	

CEB owned Thermal Plant Dispatch

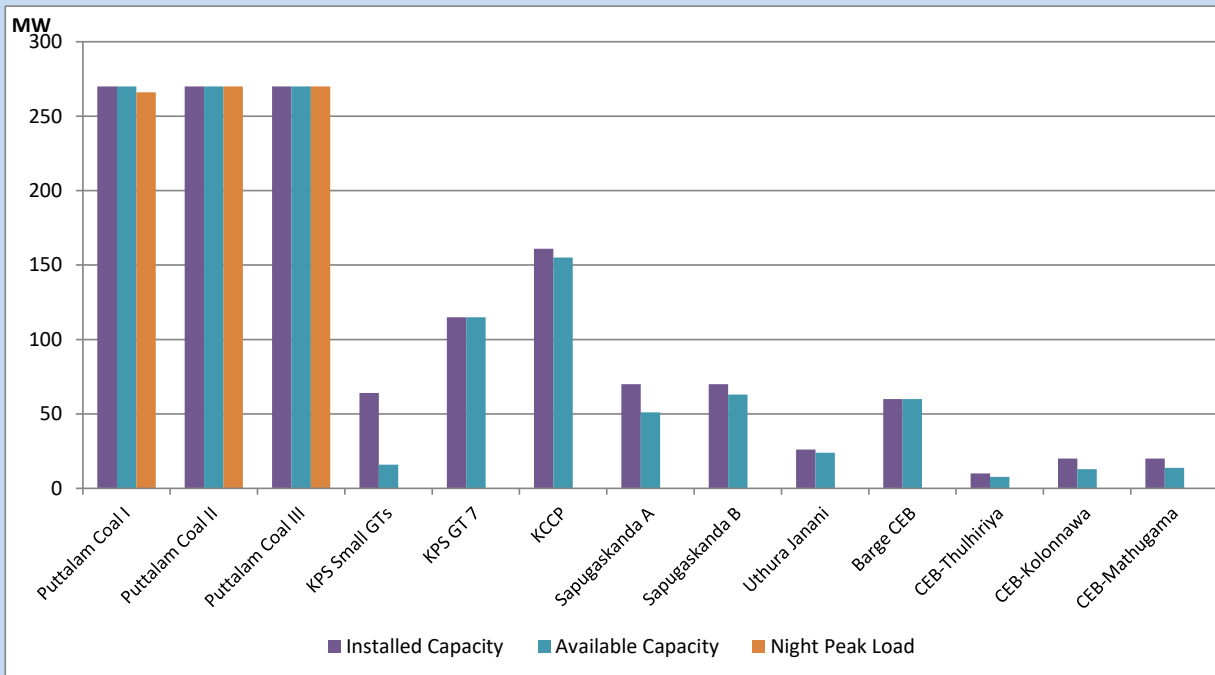
June 11, 2022



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

June 12, 2022

CEB owned Thermal Plant Loading at the Night Peak



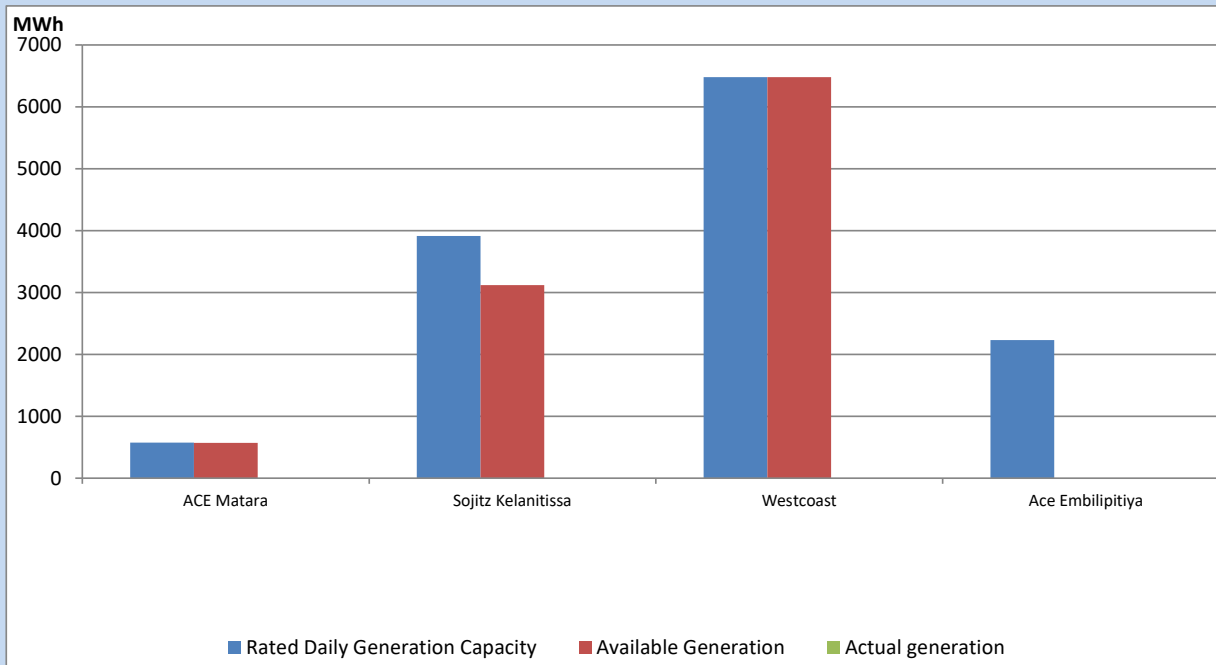
Note- Plant availability is recorded at 6.00 am on

June 12, 2022

IPP owned Thermal Plant Dispatch

June 11, 2022

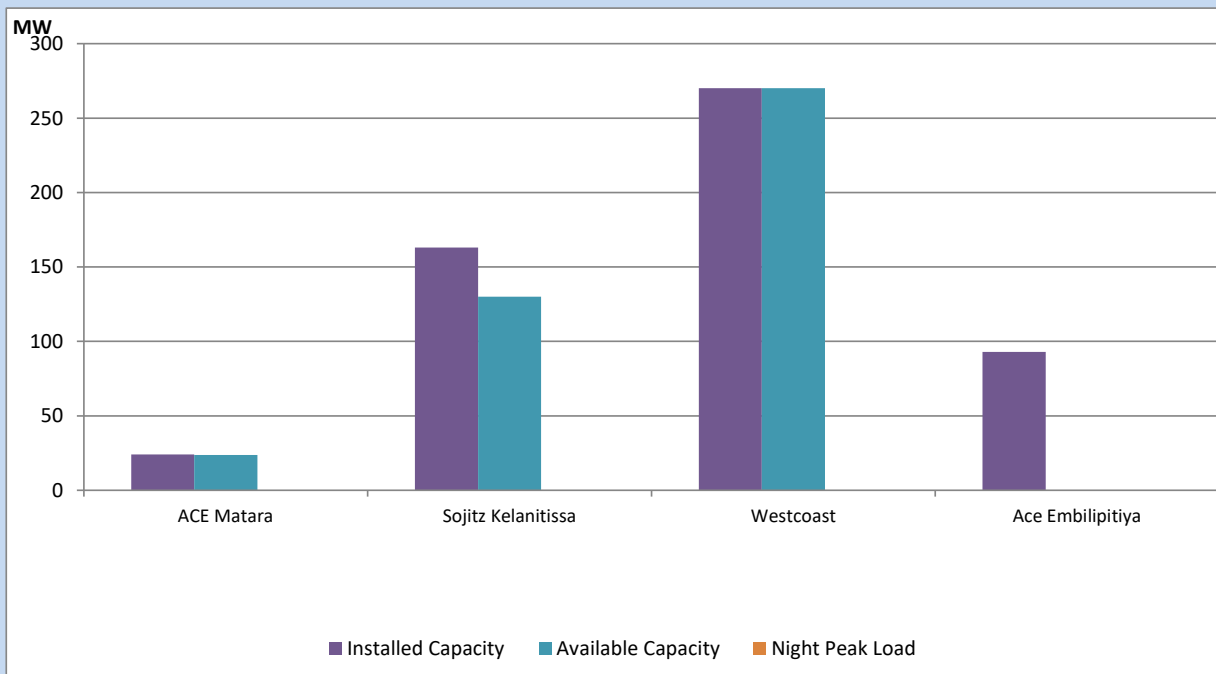
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 12, 2022

IPP owned Thermal Plant Loading at the Night Peak

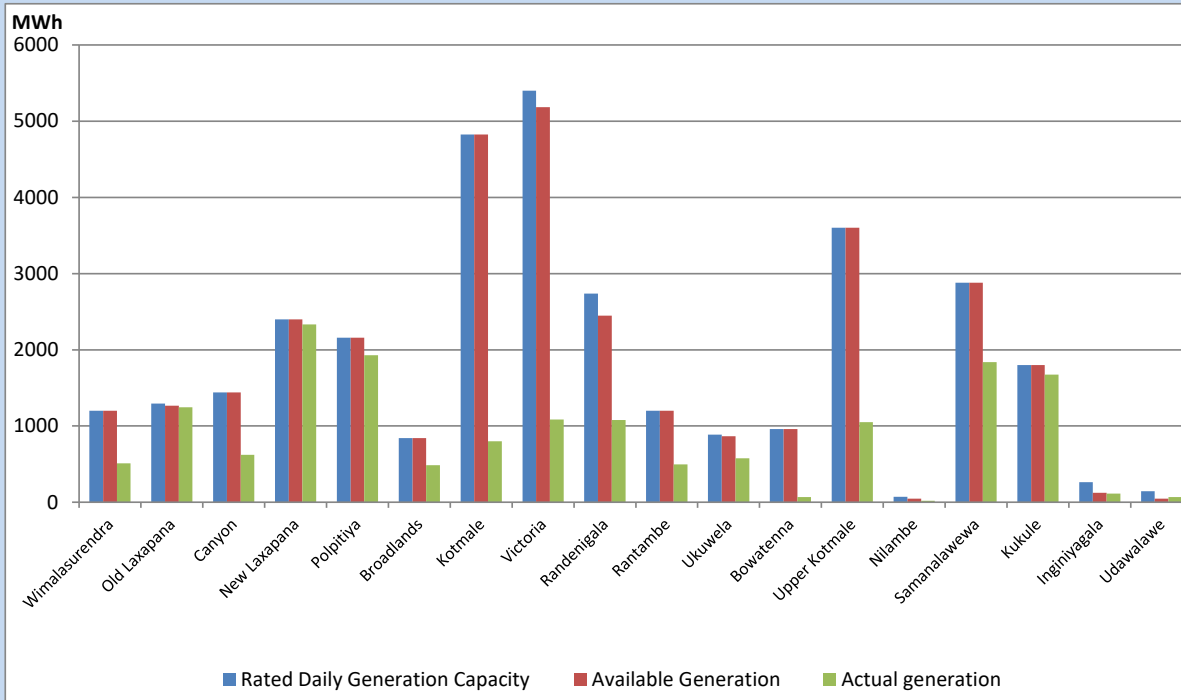


Note- Plant availability is recorded at 6.00 am on

June 12, 2022

Major Hydro Plant Dispatch

June 11, 2022

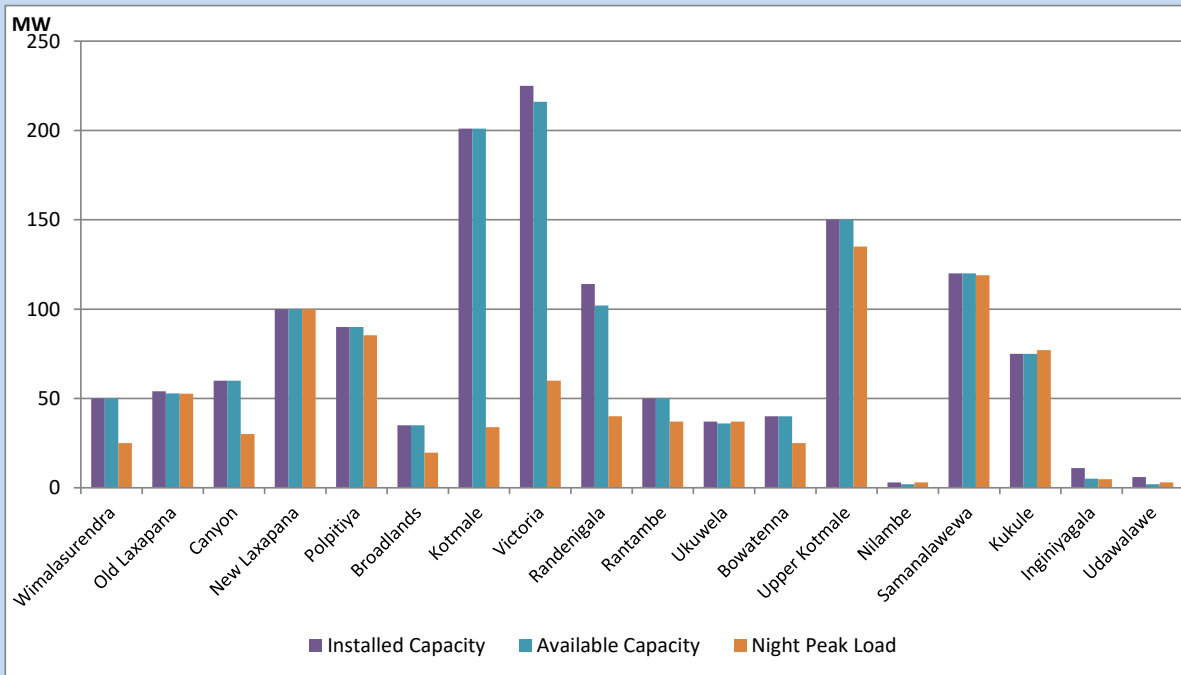


Available Generation is estimated based on plant availability at 6.00am on June 12, 2022
 Broadlands power plant is operating in the Commissioning Stage

June 12, 2022

Major Hydro Plant Loading at Night Peak

June 11, 2022



Note- Plant availability is recorded at 6.00 am on June 12, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

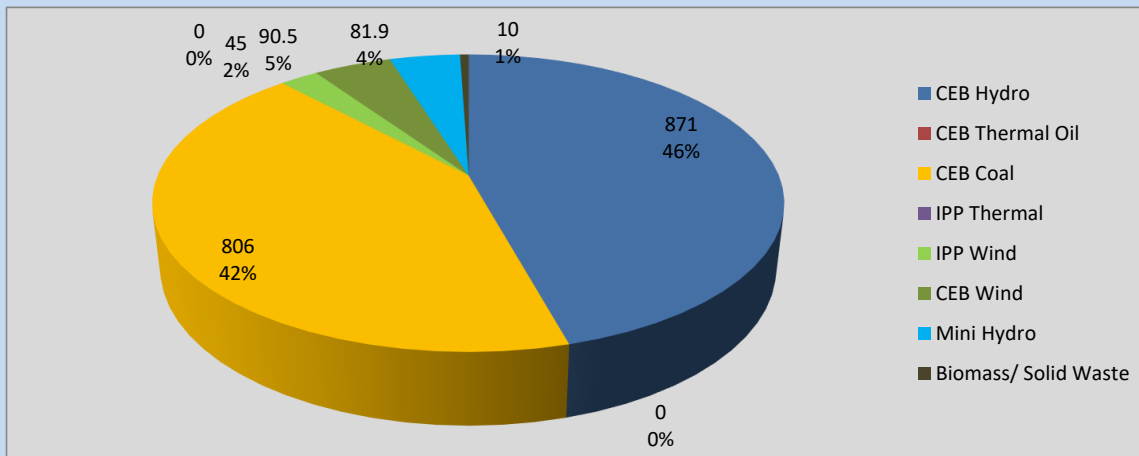
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	25	509
Old Laxapana	54	53	53	1,244
Canyon	60	60	30	622
New Laxapana	100	100	100	2,332
Polpitiya	90	90	85	1,929
Broadlands	35	35	20	485
Kotmale	201	201	34	800
Victoria	225	216	60	1,084
Randenigala	114	102	40	1,078
Rantambe	50	50	37	498
Ukuwela	37	36	37	577
Bowatenna	40	40	25	66
Upper Kotmale	150	150	135	1,049
Nilambe	3	2	3	18
Samanalawewa	120	120	119	1,837
Kukule	75	75	77	1,673
Inginiyagala	11	5	5	112
Udawalawe	6	2	3	68
Puttalam Coal I	270	270	266	6,179
Puttalam Coal II	270	270	270	6,222
Puttalam Coal III	270	270	270	6,243
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	0	0
Sapugaskanda A	70	51	0	0
Sapugaskanda B	70	63	0	0
Uthura Janani	26	24	0	0
Barge CEB	60	60	0	0
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	14	0	0
ACE Matara	24	24	0	0
Sojitz Kelanitissa	163	130	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	3,139	1,921	41,027

Plant availability is the availability recorded at 6 am on

June 12, 2022

Contribution to the Night Peak in MW

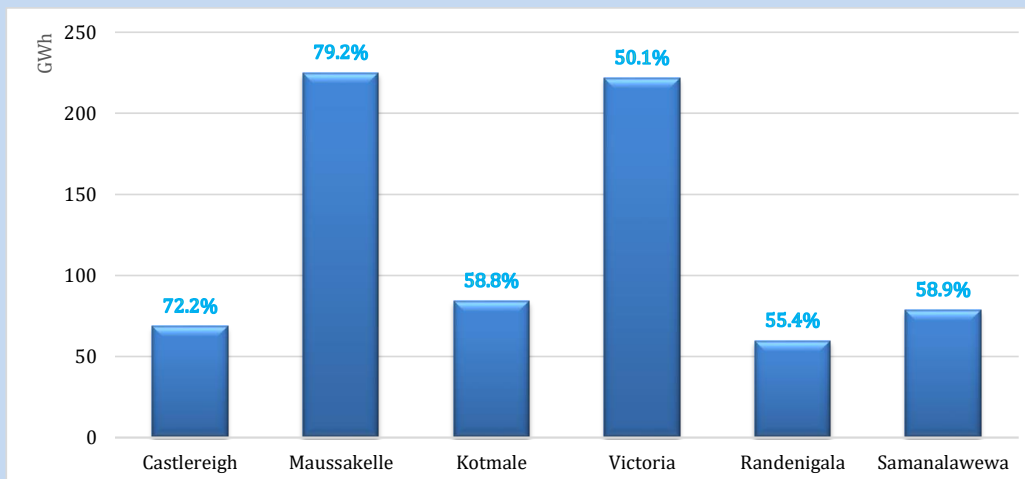
June 11, 2022



Night Peak*	1,904.0 MW
Day Peak	1,816.3 MW
Minimum Demand	1,323.8 MW

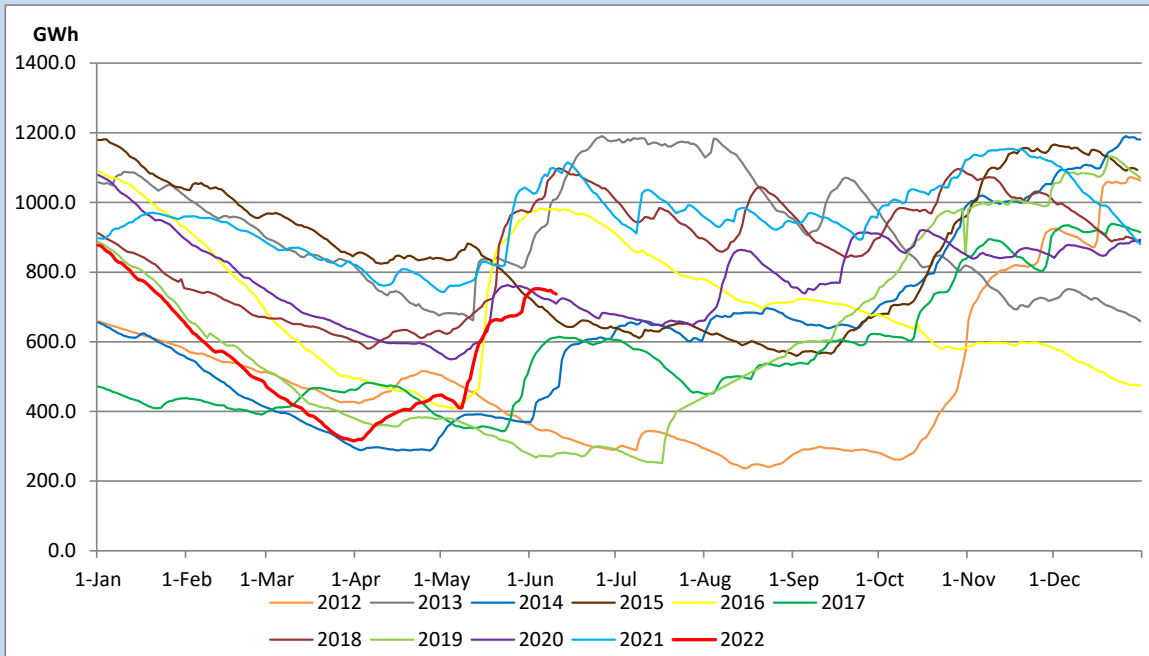
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on June 12, 2022

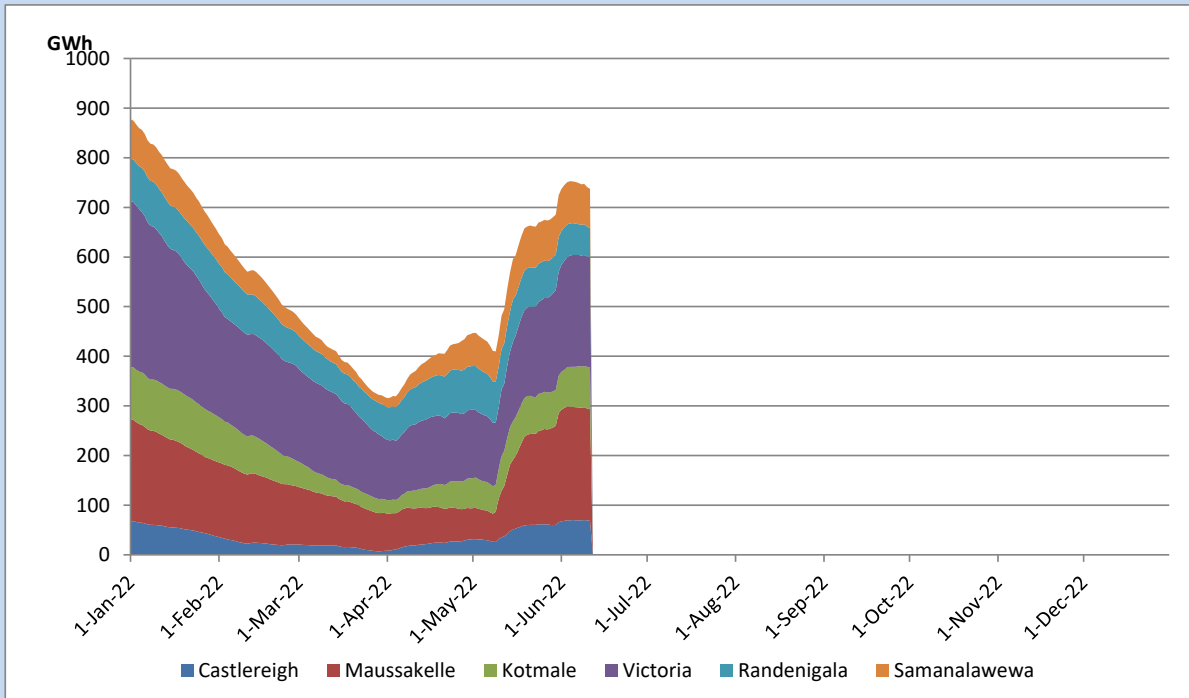


Total Reservoir Level	737.1 GWh
% of Total capacity	61.2%

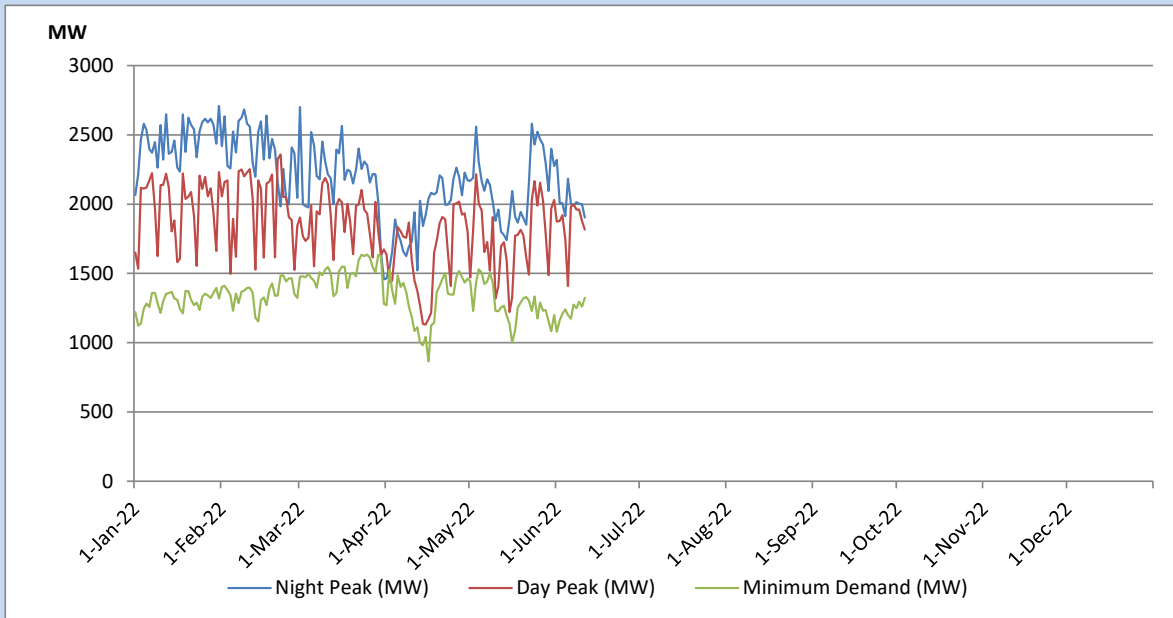
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

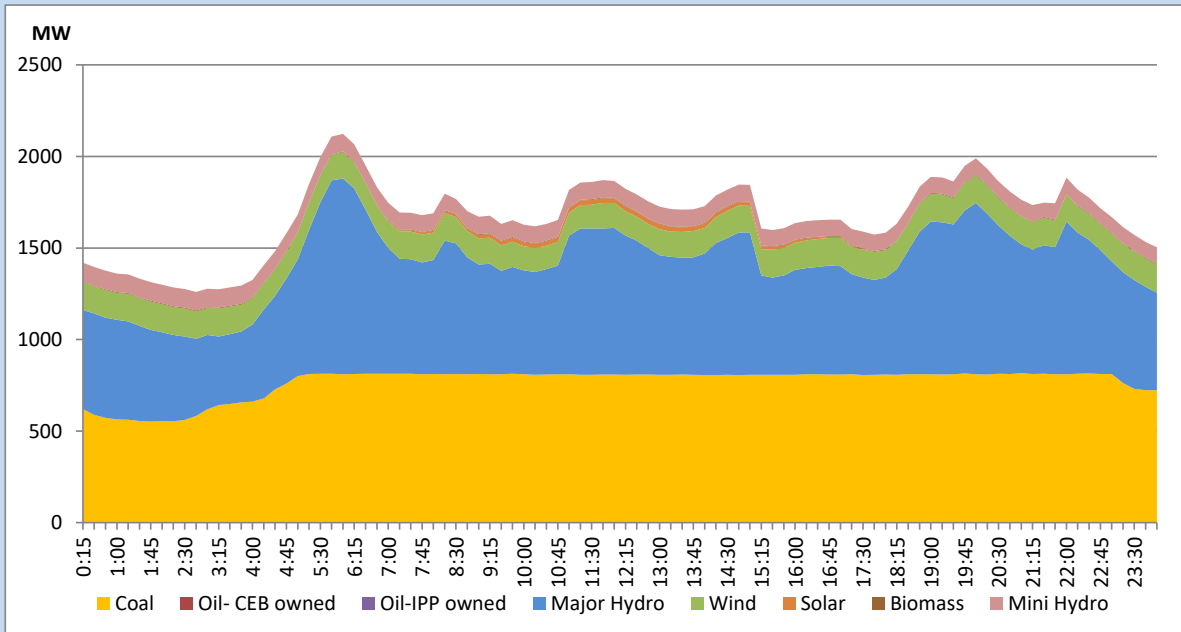


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

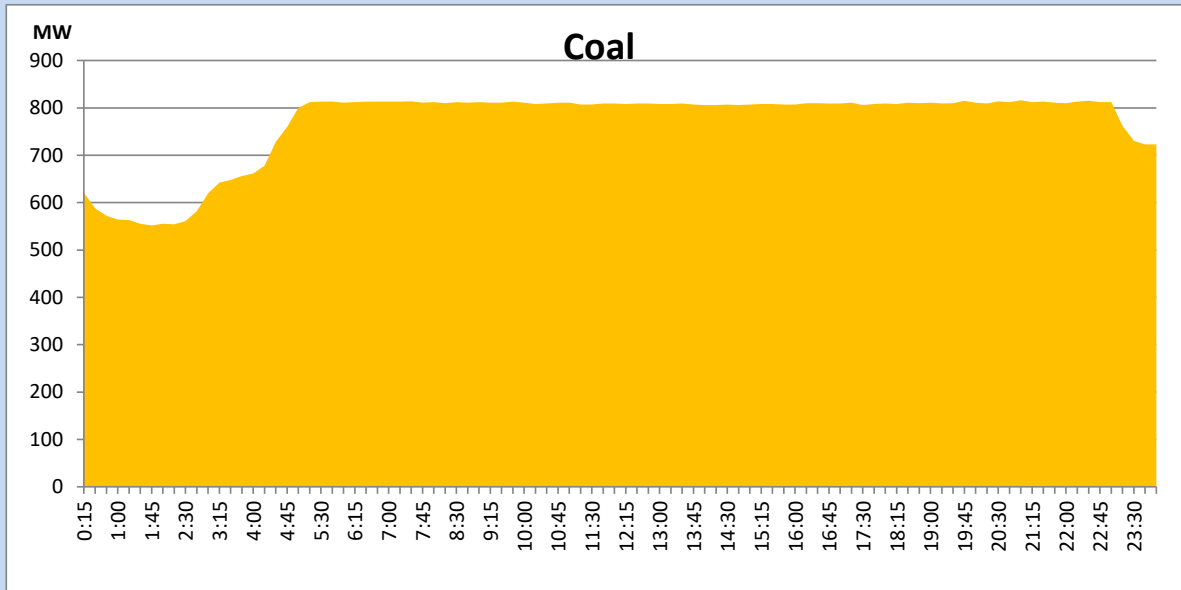
June 10, 2022

Solar and wind data is based on Telemetered Power Stations only



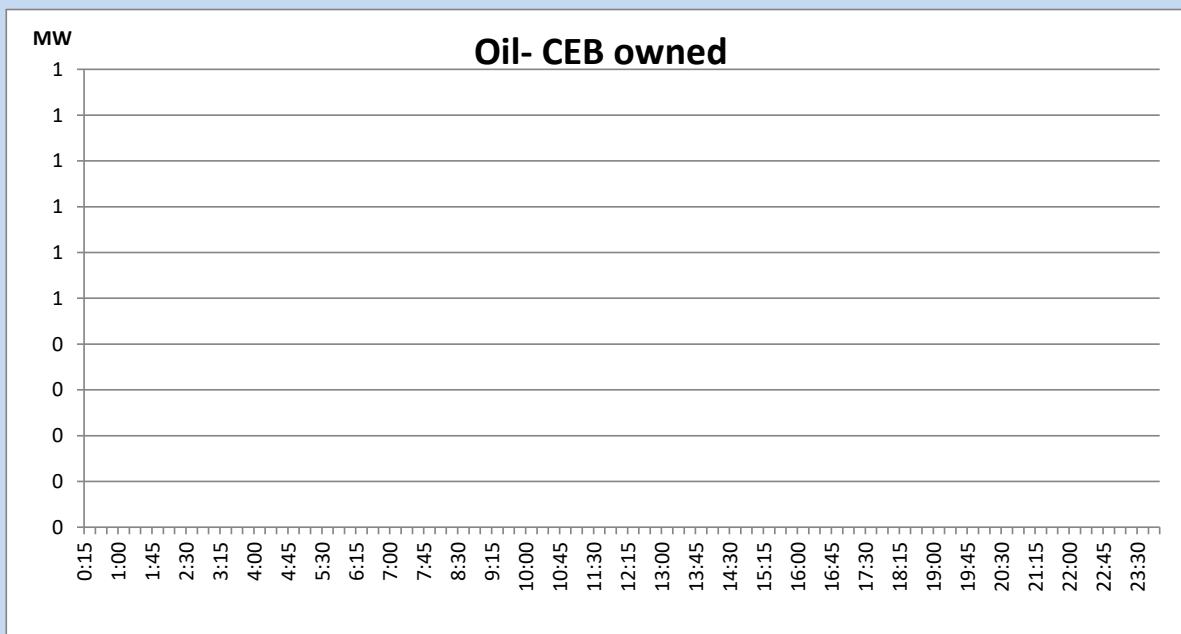
Coal Generation during the Previous day

June 10, 2022



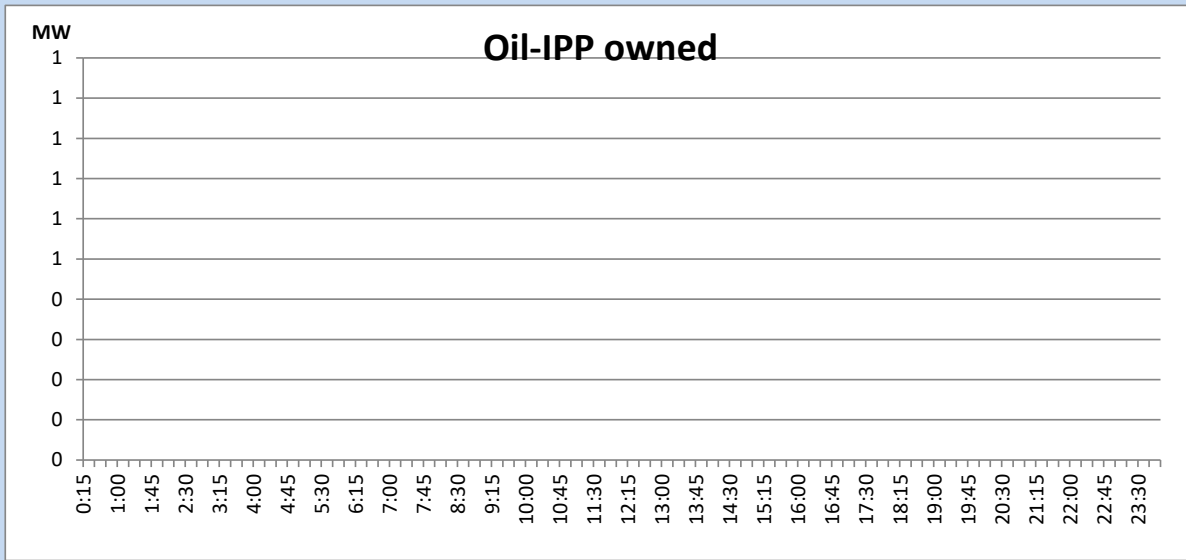
CEB Oil Plant Generation during the Previous day

June 10, 2022



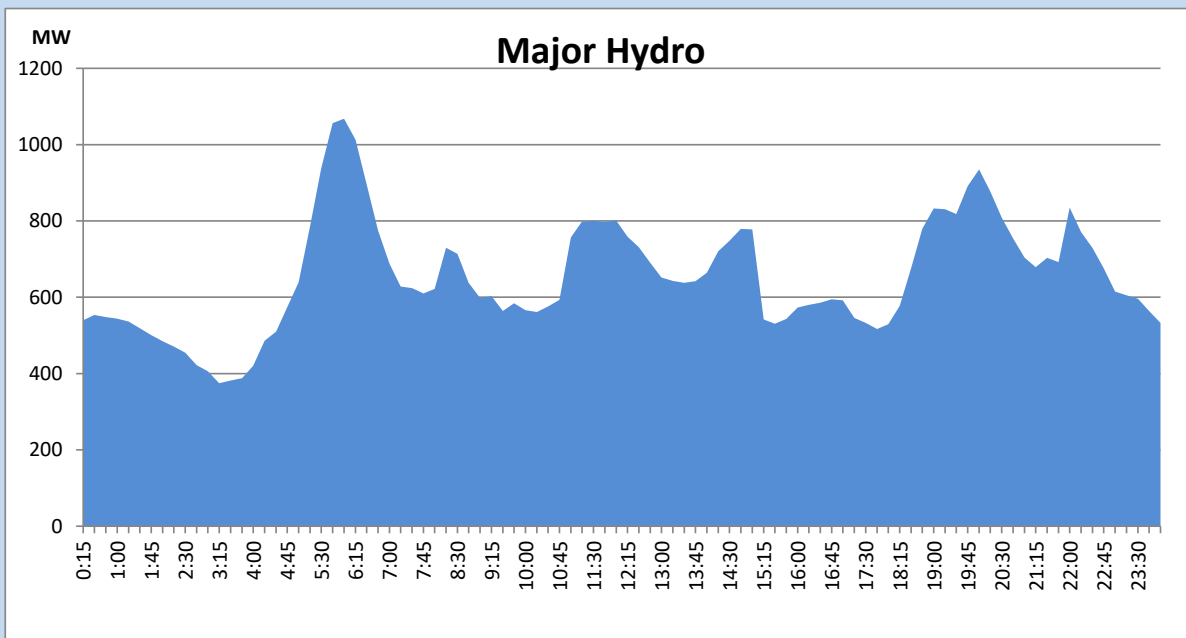
IPP Oil Plant Generation during the Previous day

June 10, 2022



Major Hydro Generation during the Previous day

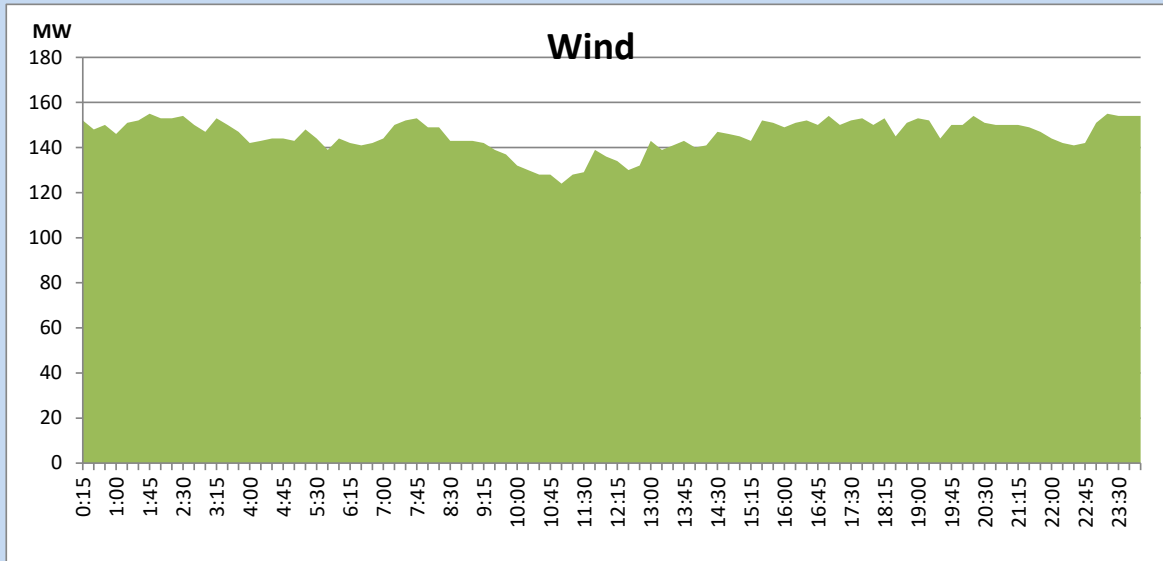
June 10, 2022



Wind Generation during the Previous day

June 10, 2022

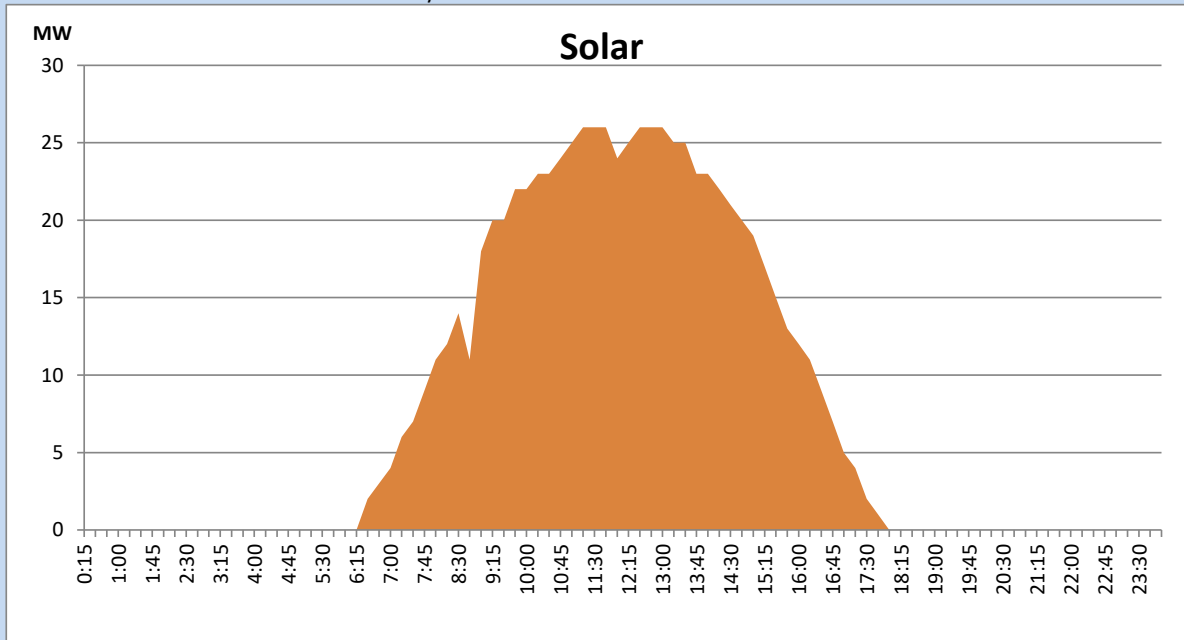
Based on Telemetered Power Stations only



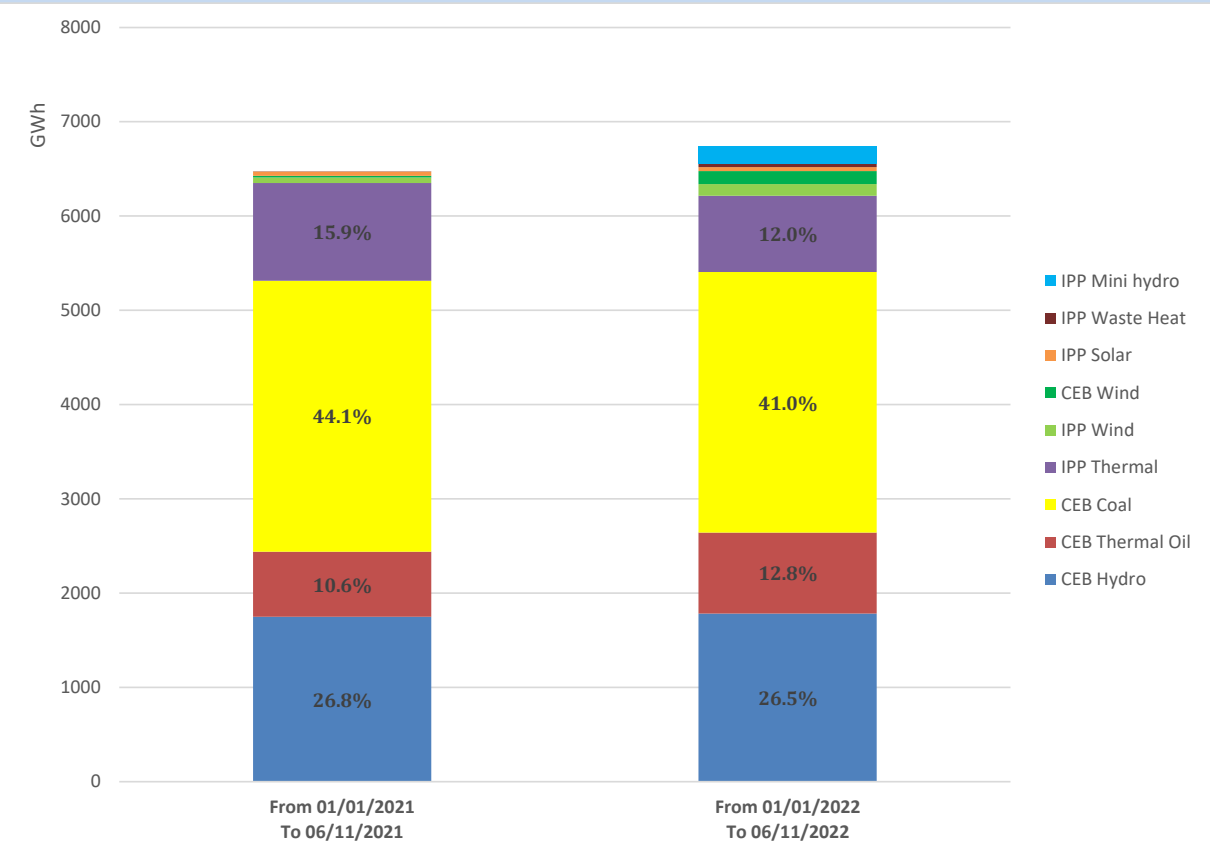
Solar Generation during the Previous day

June 10, 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 12, 2022

- 1) Rotational manual load shedding was carried out from 06:00hrs to 07:00hrs and 17:30hrs to 21:30hrs.
- 2) Biyagama 220/132/33kV T/F01 tripped at 14:02hrs with indication of winding temperature high. TF 01 energized at 18:56hrs.
- 3) Mannar 220/33kV T/F tripped at 22:24hrs due to operation of Earthing T/F buchholz trip and at the same time all the 33kV feeders tripped.
T/F and all 33kV feeders are yet to be restored.