

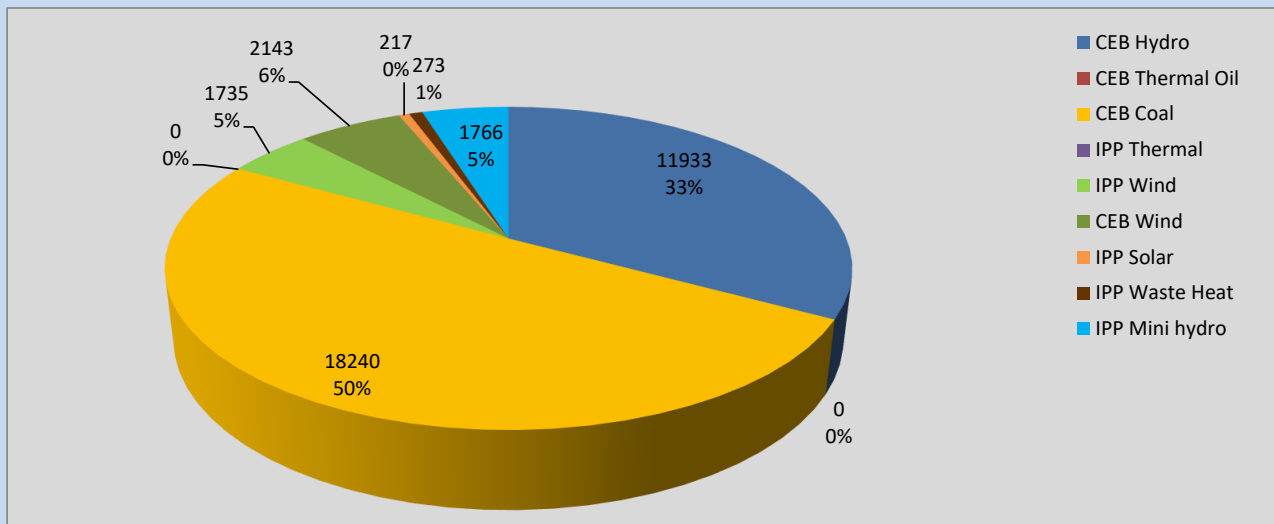
Generation and Reservoirs Statistics

June 12, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **36,307 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

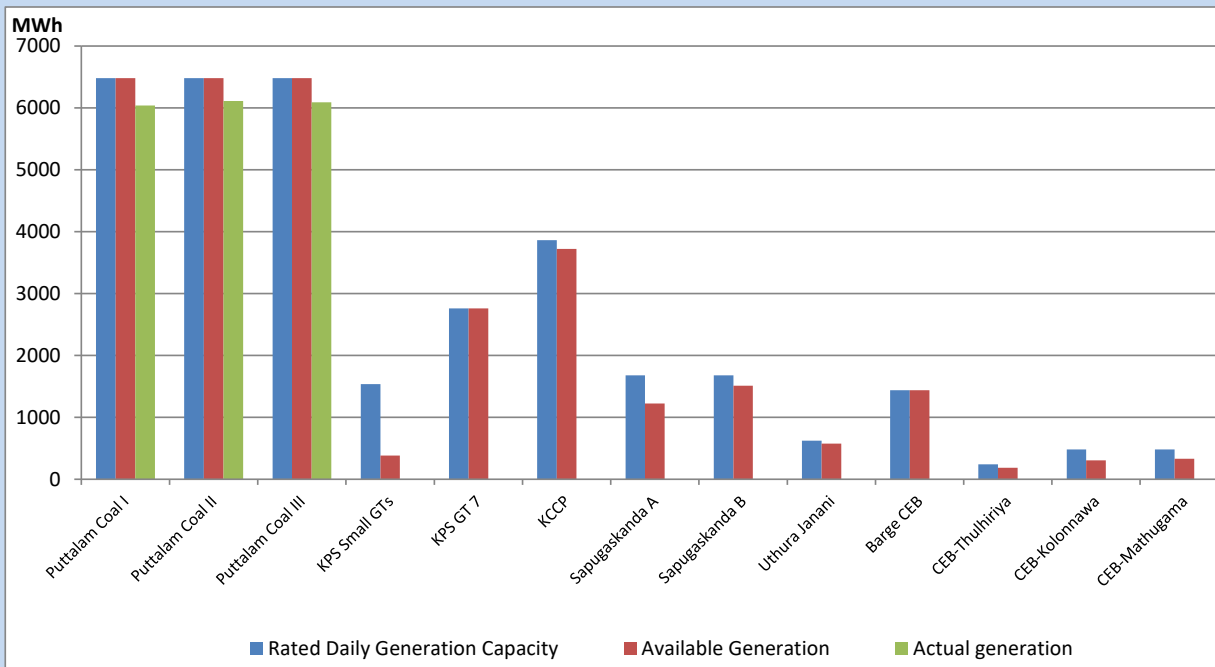
Category	Dispatch (GWh)	
CEB Hydro	186.58	38.68%
CEB Thermal Oil	0.91	0.19%
CEB Coal	214.33	44.44%
IPP Thermal	2.43	0.50%
SPP Wind	23.20	4.81%
CEB Wind	24.64	5.11%
SPP Solar	2.68	0.56%
SPP Solid Waste	2.54	0.53%
Mini Hydro	25.00	5.18%
Total	482.31	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	1,795.6	26.50%
CEB Thermal Oil	859.4	12.68%
CEB Coal	2,780.6	41.04%
IPP Thermal	810.9	11.97%
SPP Wind	124.1	1.83%
CEB Wind	141.4	2.09%
SPP Solar	41.7	0.62%
SPP Solid Waste	33.8	0.50%
Mini Hydro	188.7	2.78%
Total	6,776.1	

CEB owned Thermal Plant Dispatch

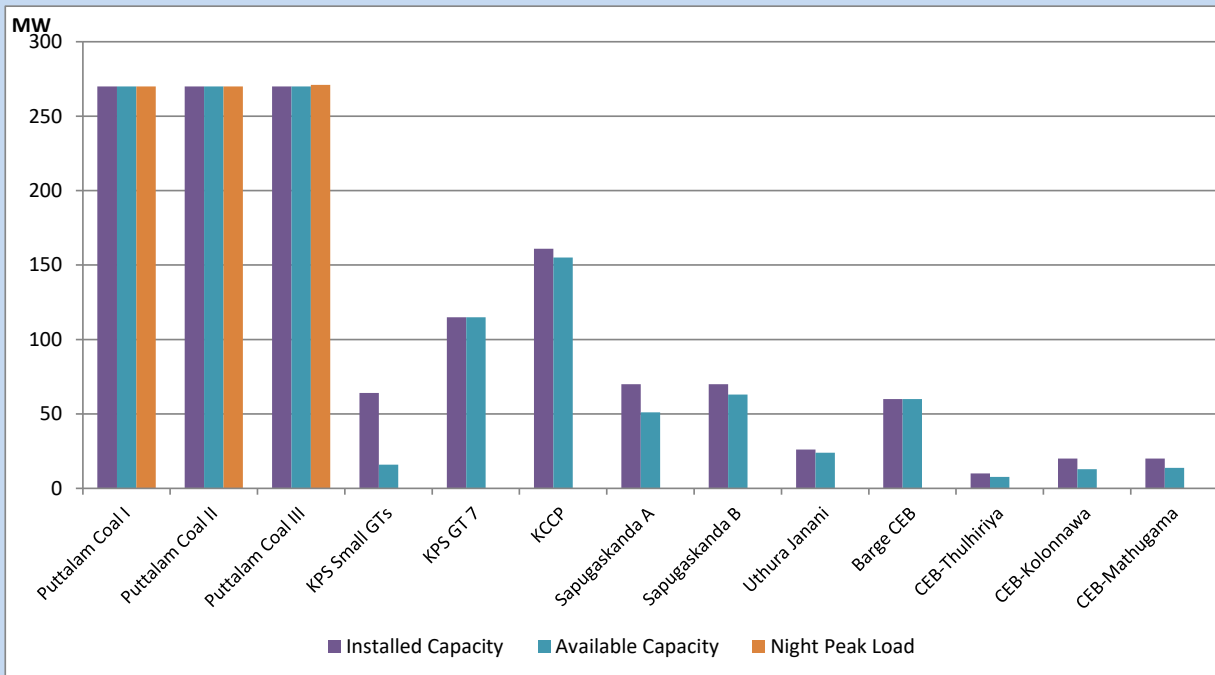
June 12, 2022



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

June 13, 2022

CEB owned Thermal Plant Loading at the Night Peak



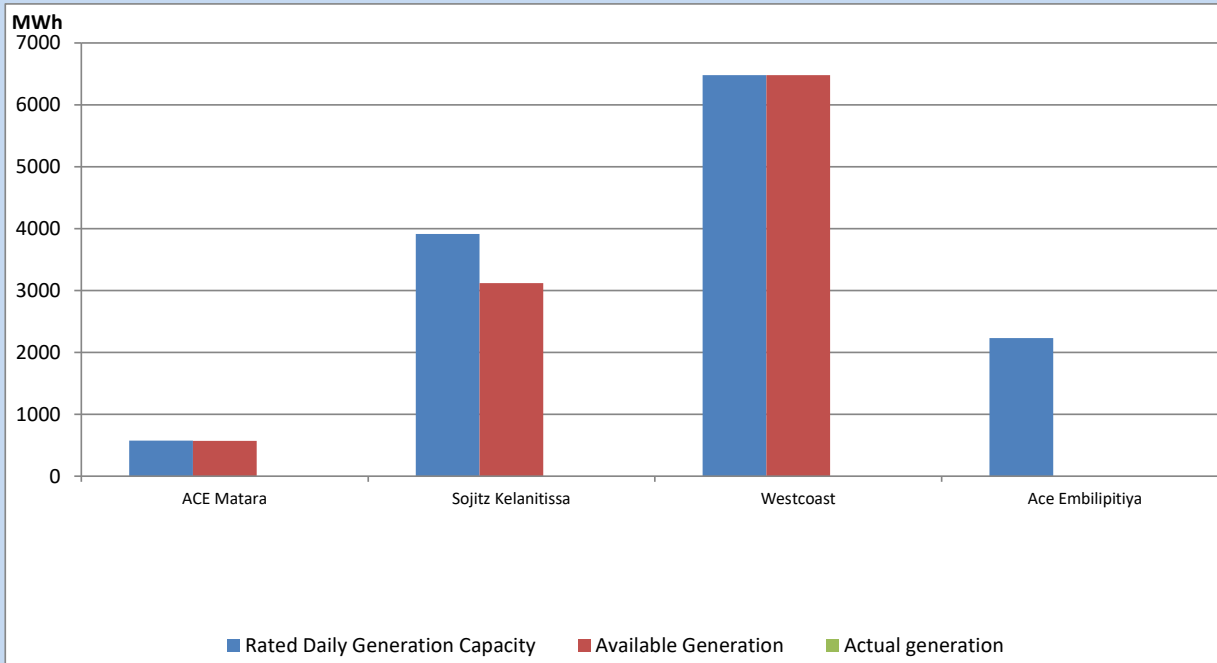
Note- Plant availability is recorded at 6.00 am on

June 13, 2022

IPP owned Thermal Plant Dispatch

June 12, 2022

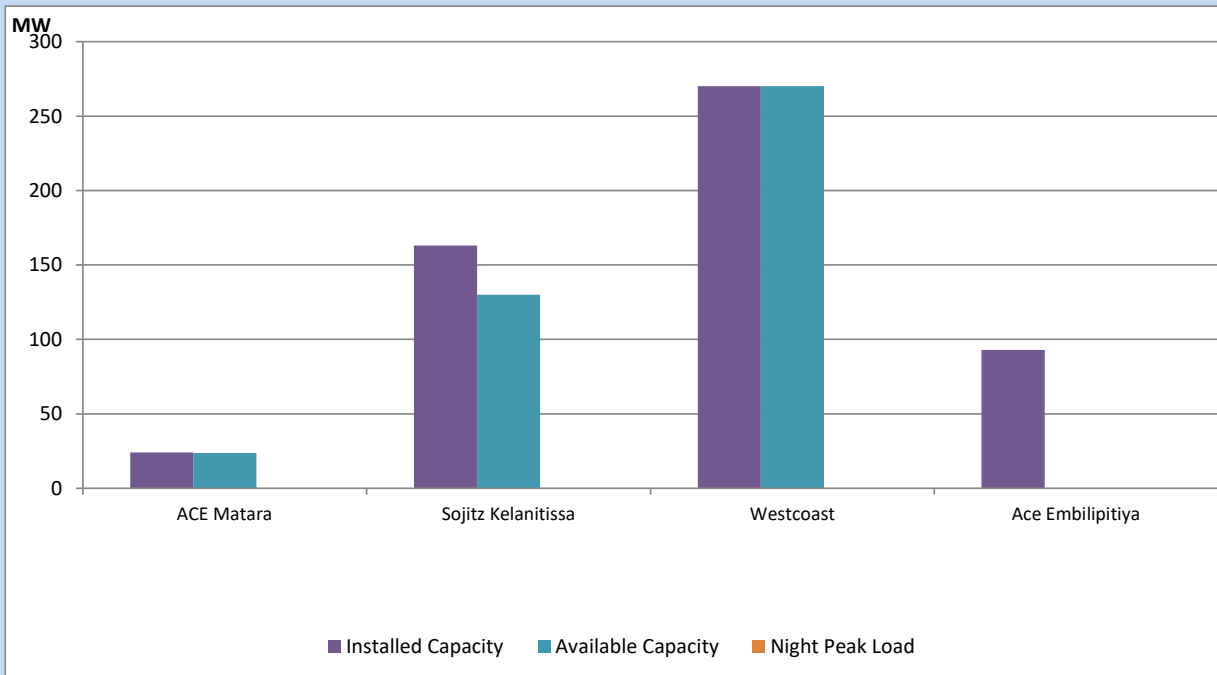
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 13, 2022

IPP owned Thermal Plant Loading at the Night Peak

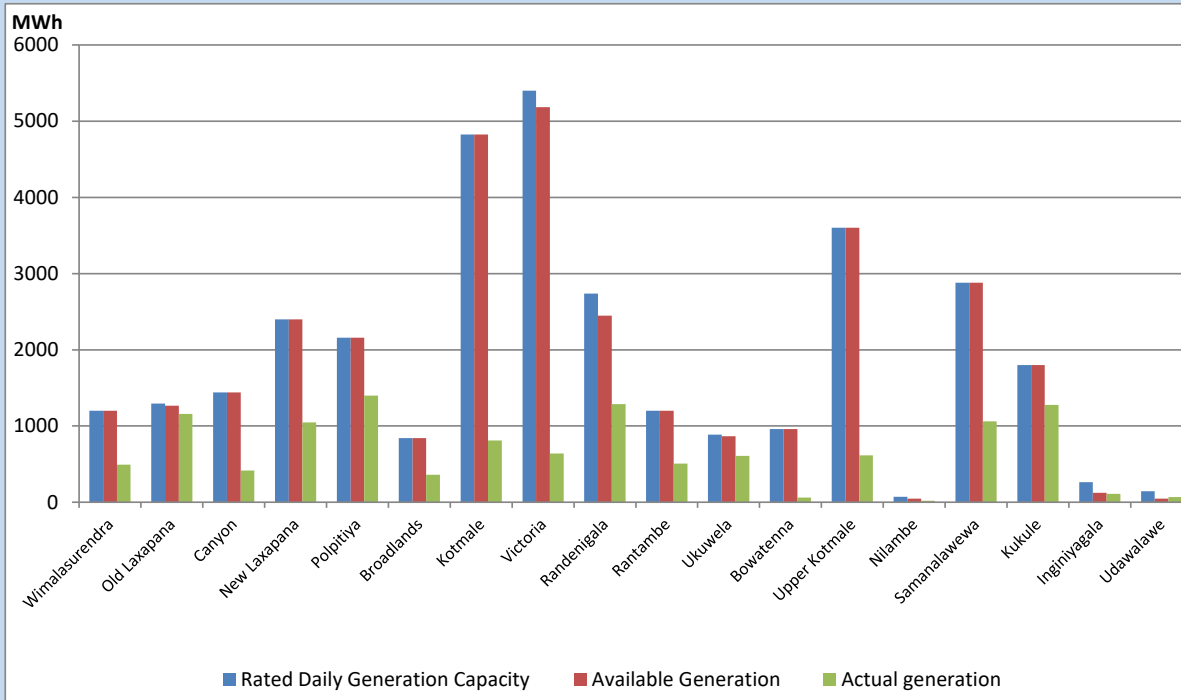


Note- Plant availability is recorded at 6.00 am on

June 13, 2022

Major Hydro Plant Dispatch

June 12, 2022

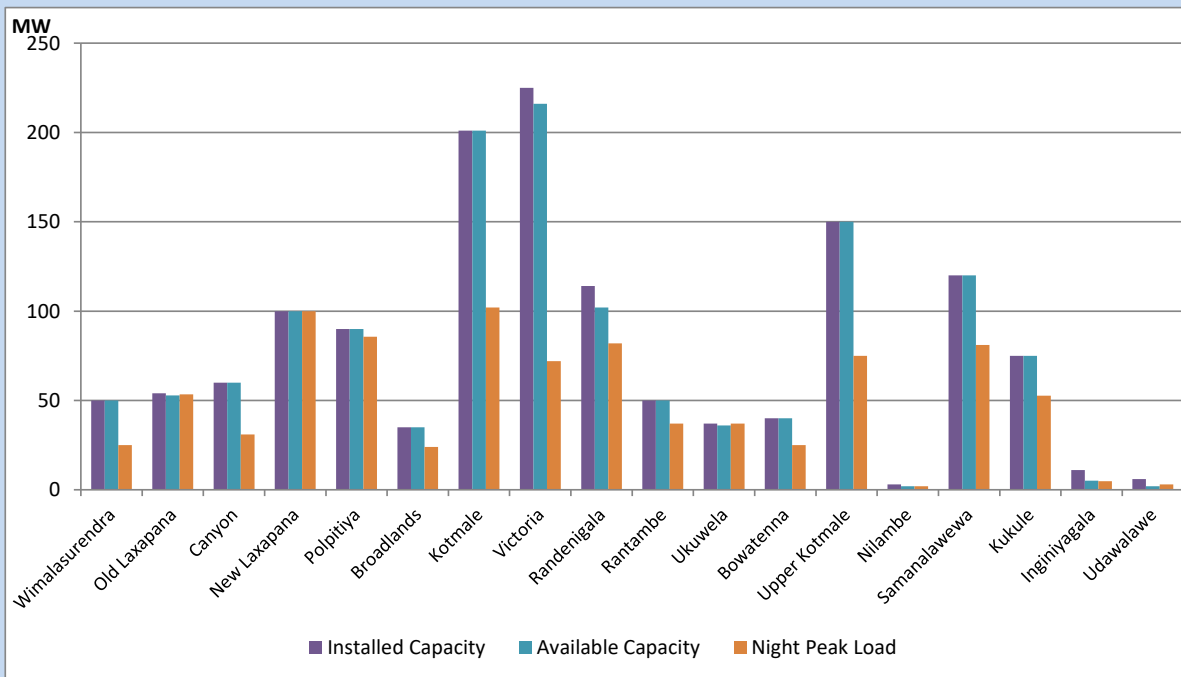


Available Generation is estimated based on plant availability at 6.00am on June 13, 2022
 Broadlands power plant is operating in the Commissioning Stage

June 13, 2022

Major Hydro Plant Loading at Night Peak

June 12, 2022



Note- Plant availability is recorded at 6.00 am on June 13, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

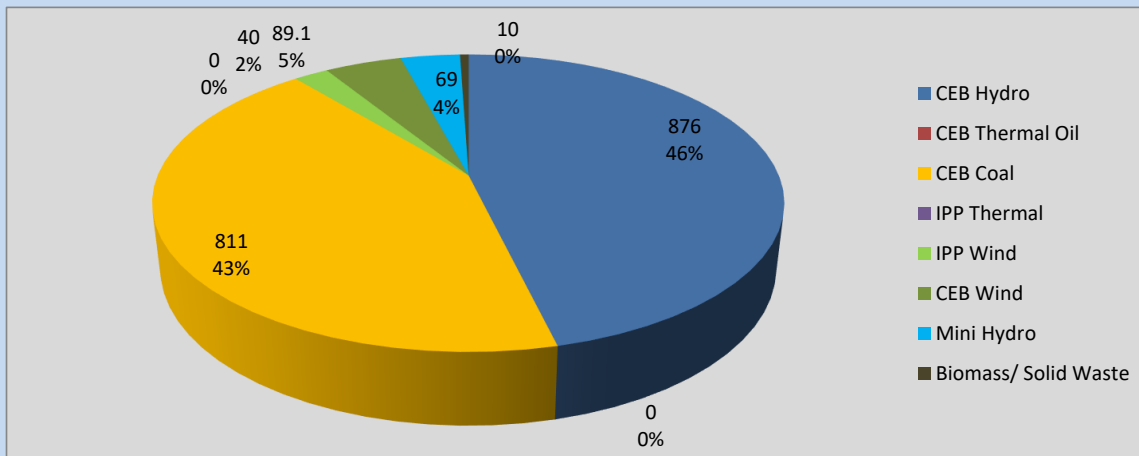
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	25	494
Old Laxapana	54	53	53	1,158
Canyon	60	60	31	415
New Laxapana	100	100	100	1,046
Polpitiya	90	90	86	1,400
Broadlands	35	35	24	359
Kotmale	201	201	102	810
Victoria	225	216	72	638
Randenigala	114	102	82	1,286
Rantambe	50	50	37	507
Ukuwela	37	36	37	609
Bowatenna	40	40	25	62
Upper Kotmale	150	150	75	615
Nilambe	3	2	2	19
Samanalawewa	120	120	81	1,060
Kukule	75	75	53	1,276
Inginiyagala	11	5	5	111
Udawalawe	6	2	3	68
Puttalam Coal I	270	270	270	6,038
Puttalam Coal II	270	270	270	6,112
Puttalam Coal III	270	270	271	6,090
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	1,911	36,307

Plant availability is the availability recorded at 6 am on

June 13, 2022

Contribution to the Night Peak in MW

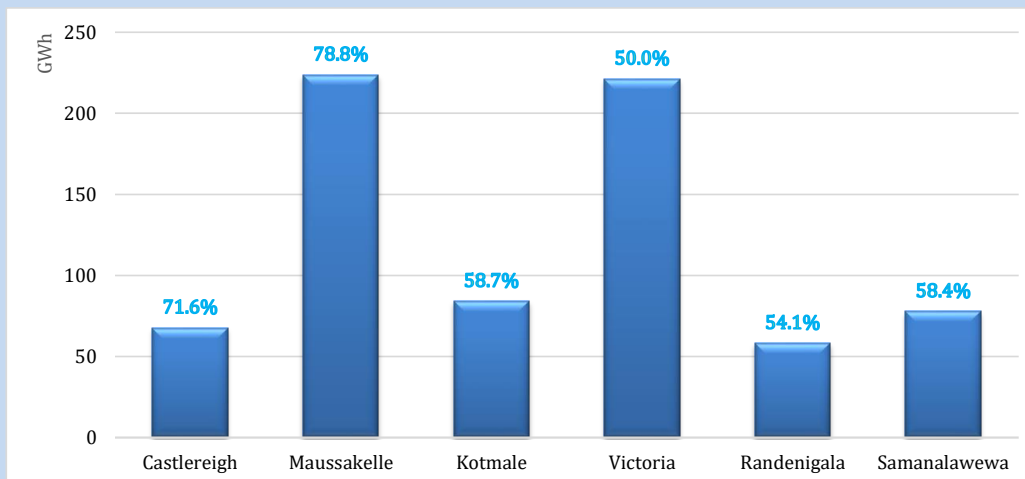
June 12, 2022



Night Peak*	1,895.4 MW
Day Peak	1,455.6 MW
Minimum Demand	1,220.0 MW

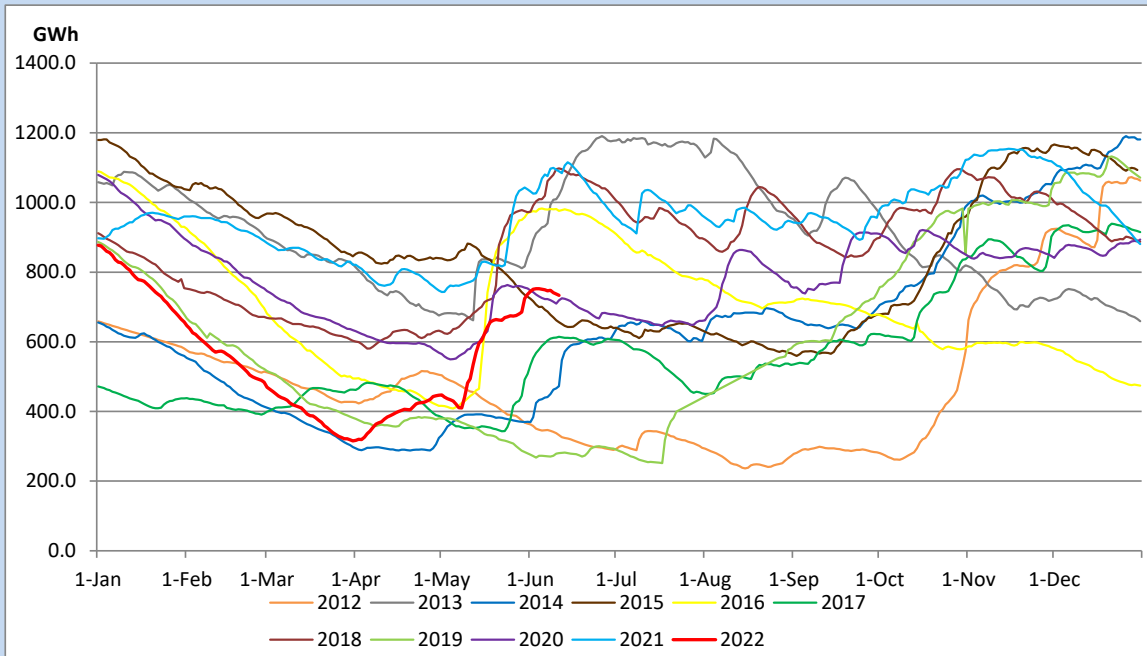
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

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

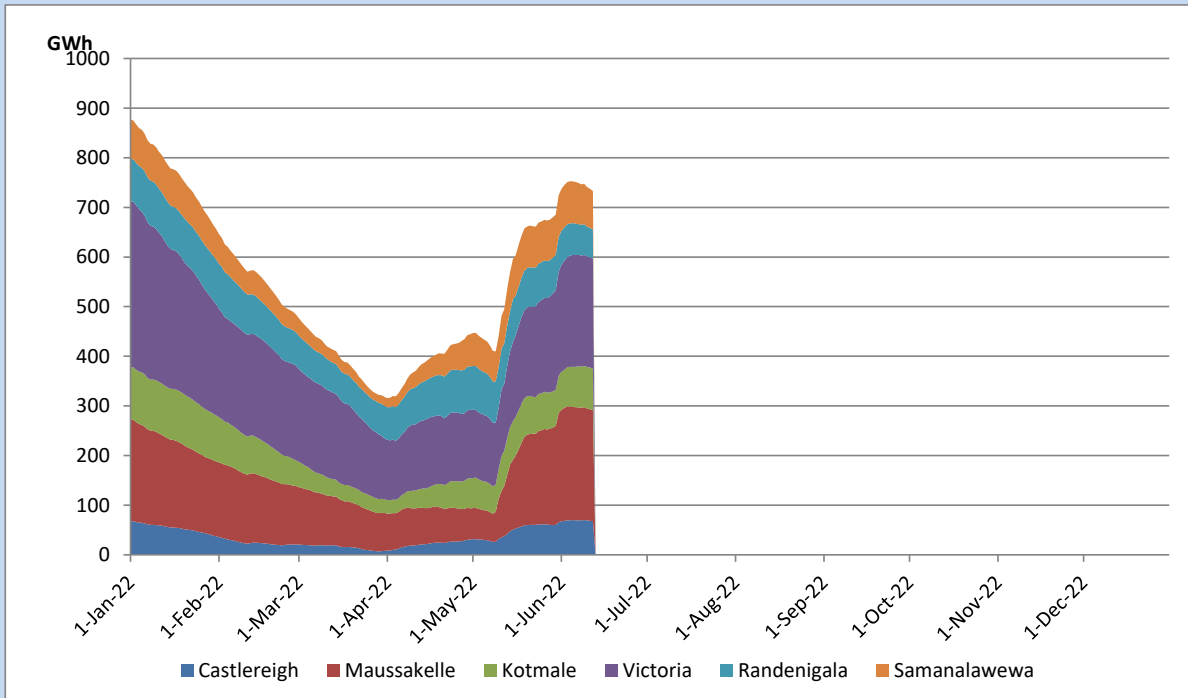


Total Reservoir Level	733 GWh
% of Total capacity	60.8%

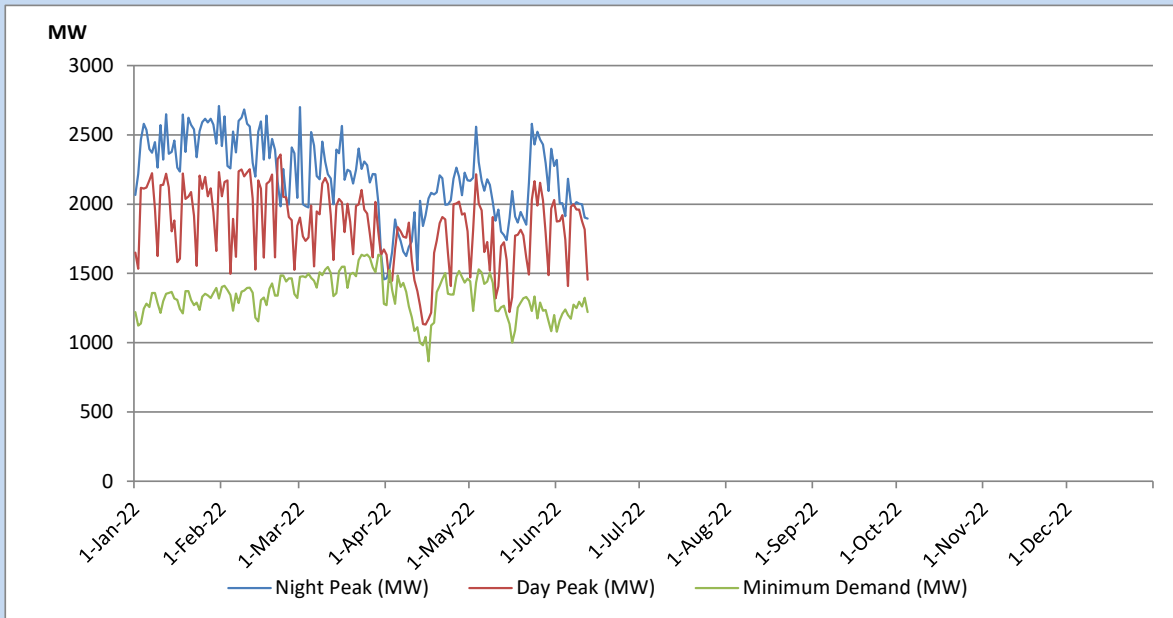
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

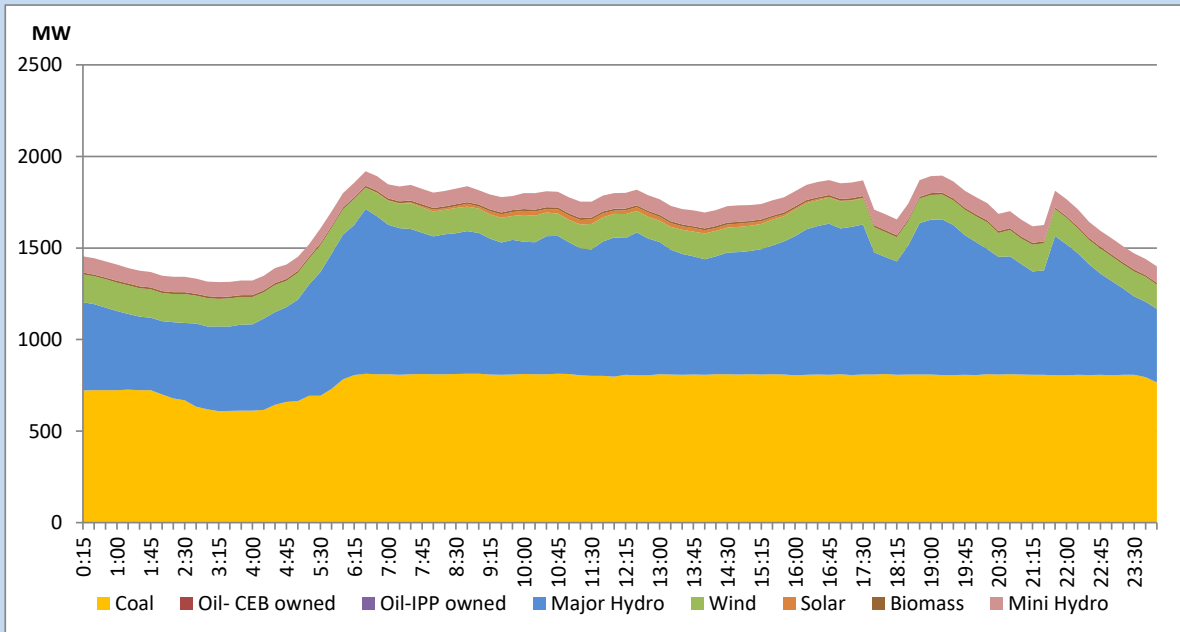


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

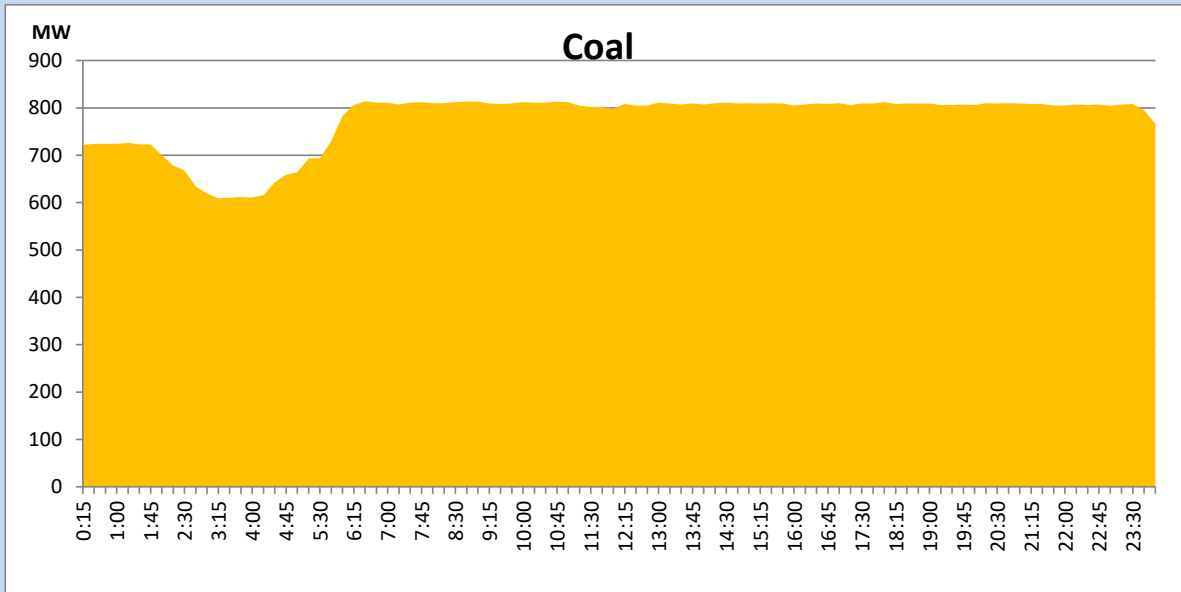
June 11, 2022

Solar and wind data is based on Telemetered Power Stations only



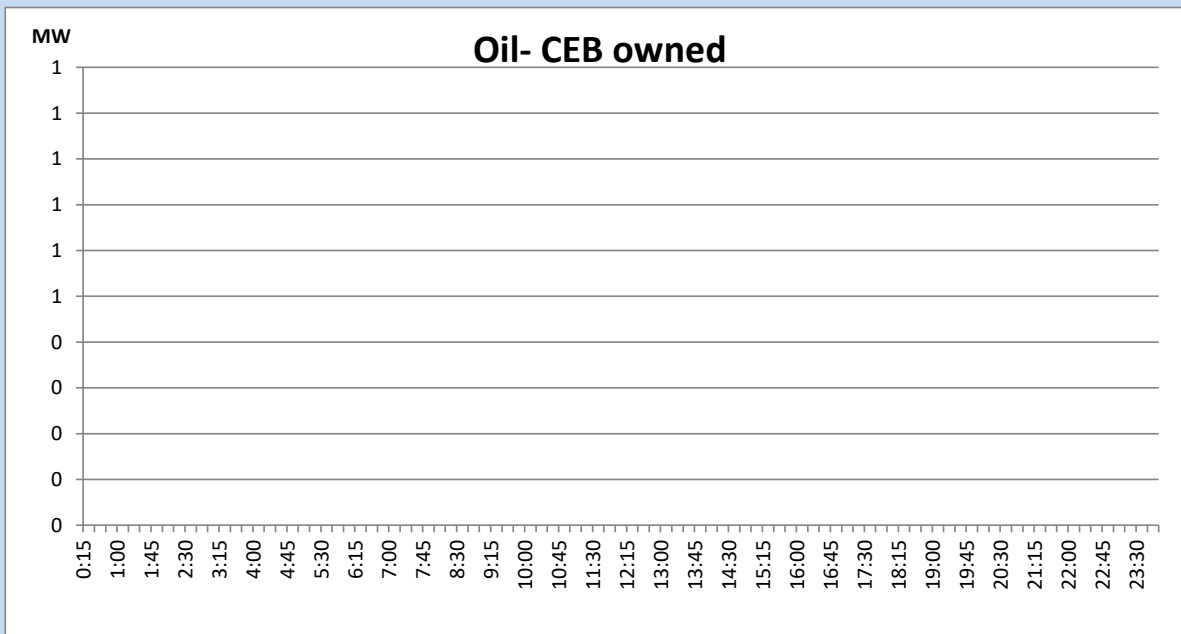
Coal Generation during the Previous day

June 11, 2022



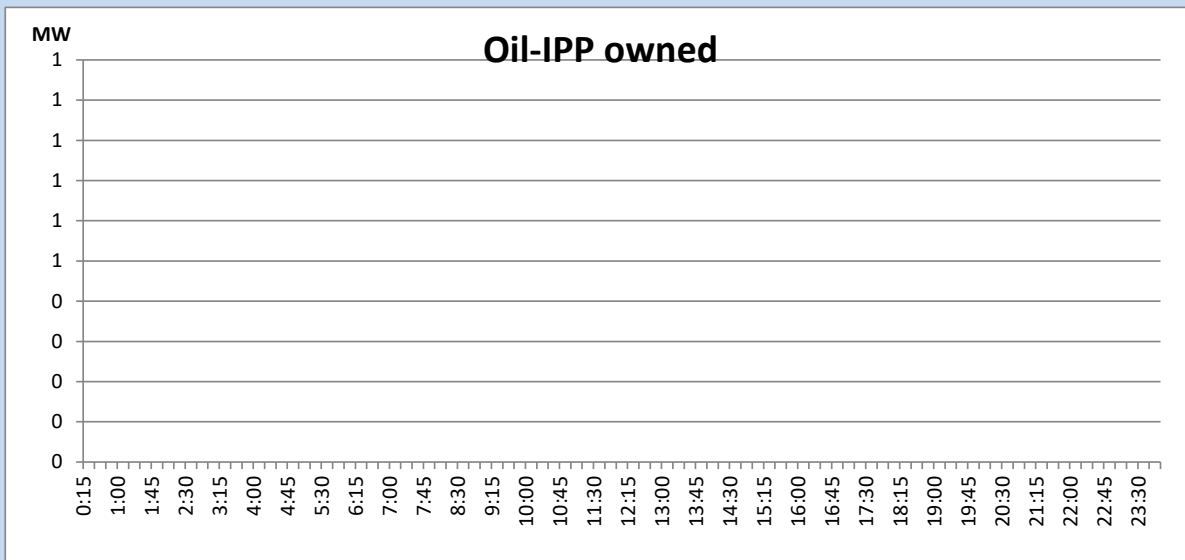
CEB Oil Plant Generation during the Previous day

June 11, 2022



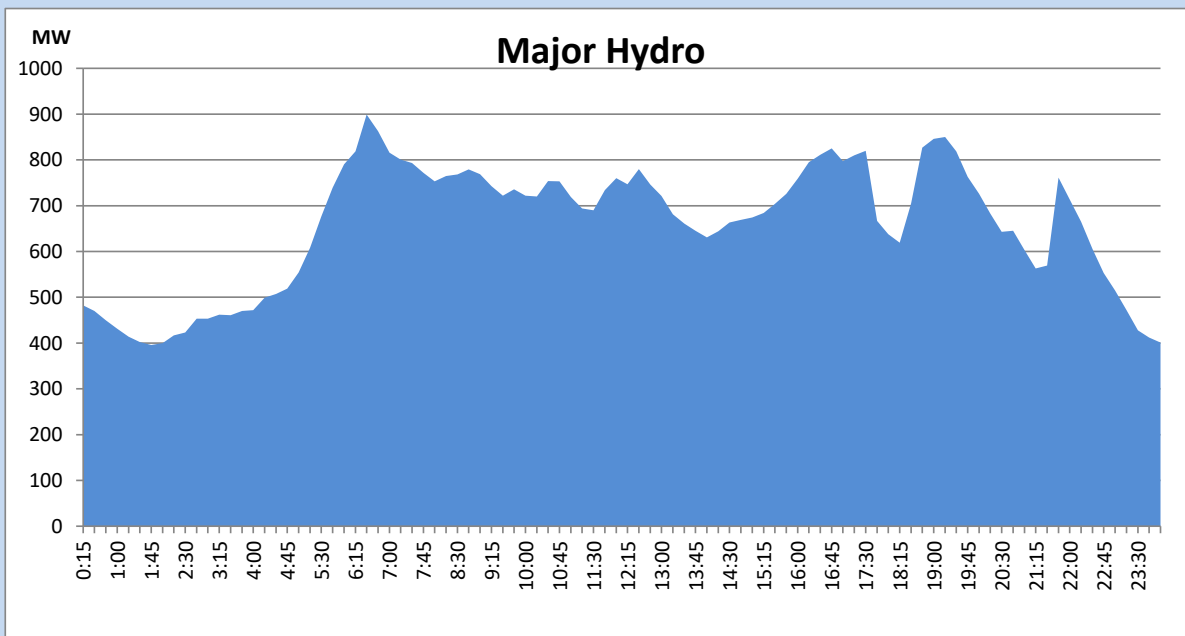
IPP Oil Plant Generation during the Previous day

June 11, 2022



Major Hydro Generation during the Previous day

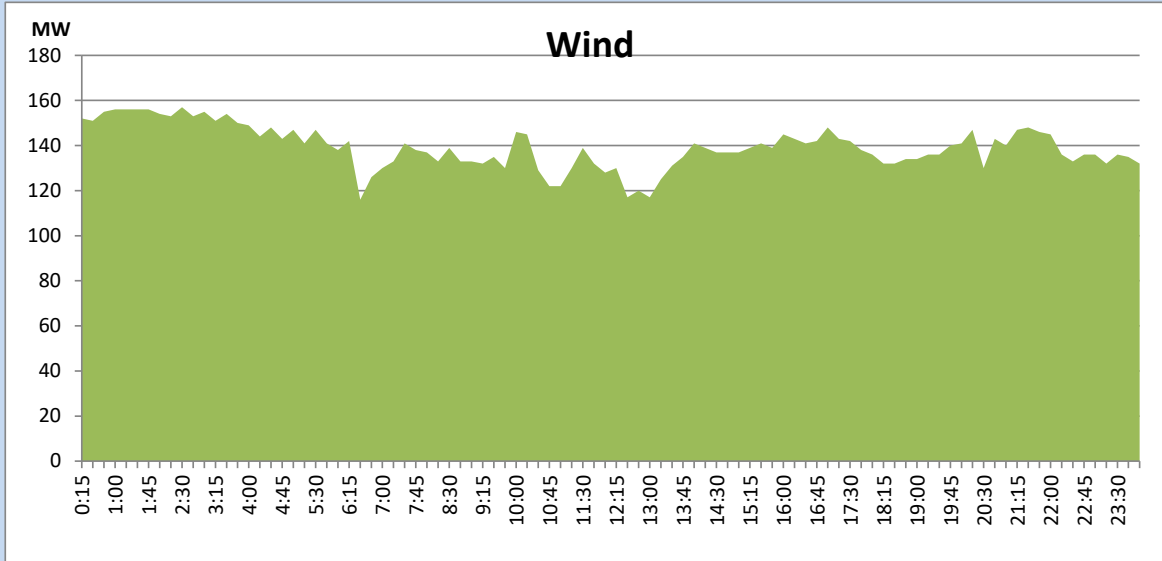
June 11, 2022



Wind Generation during the Previous day

June 11, 2022

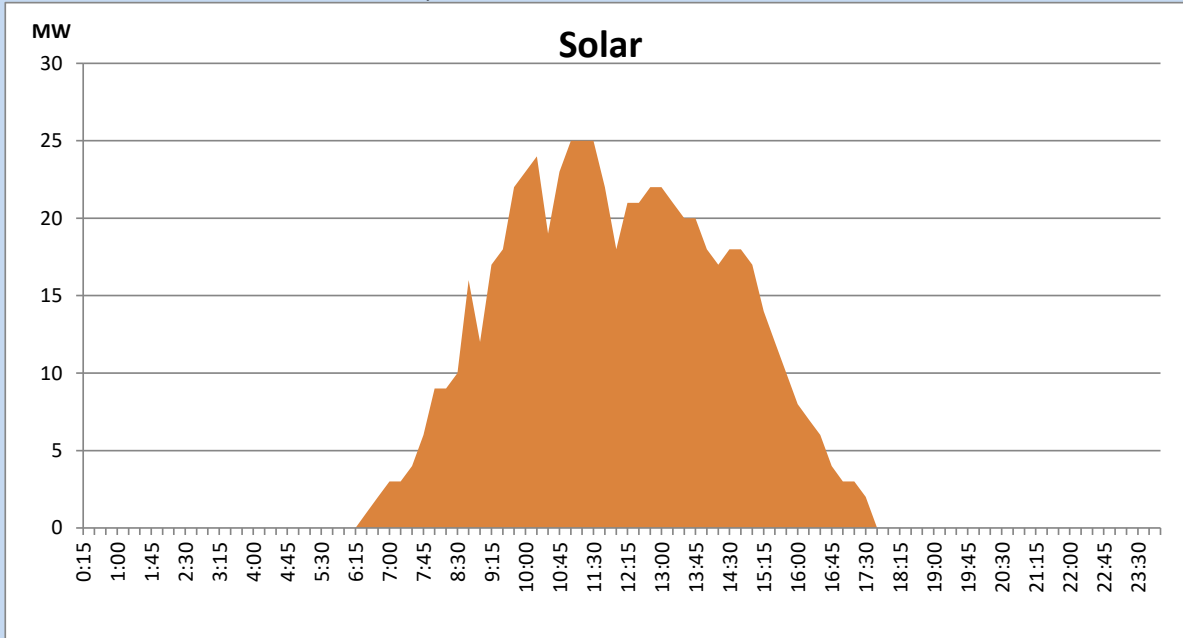
Based on Telemetered Power Stations only



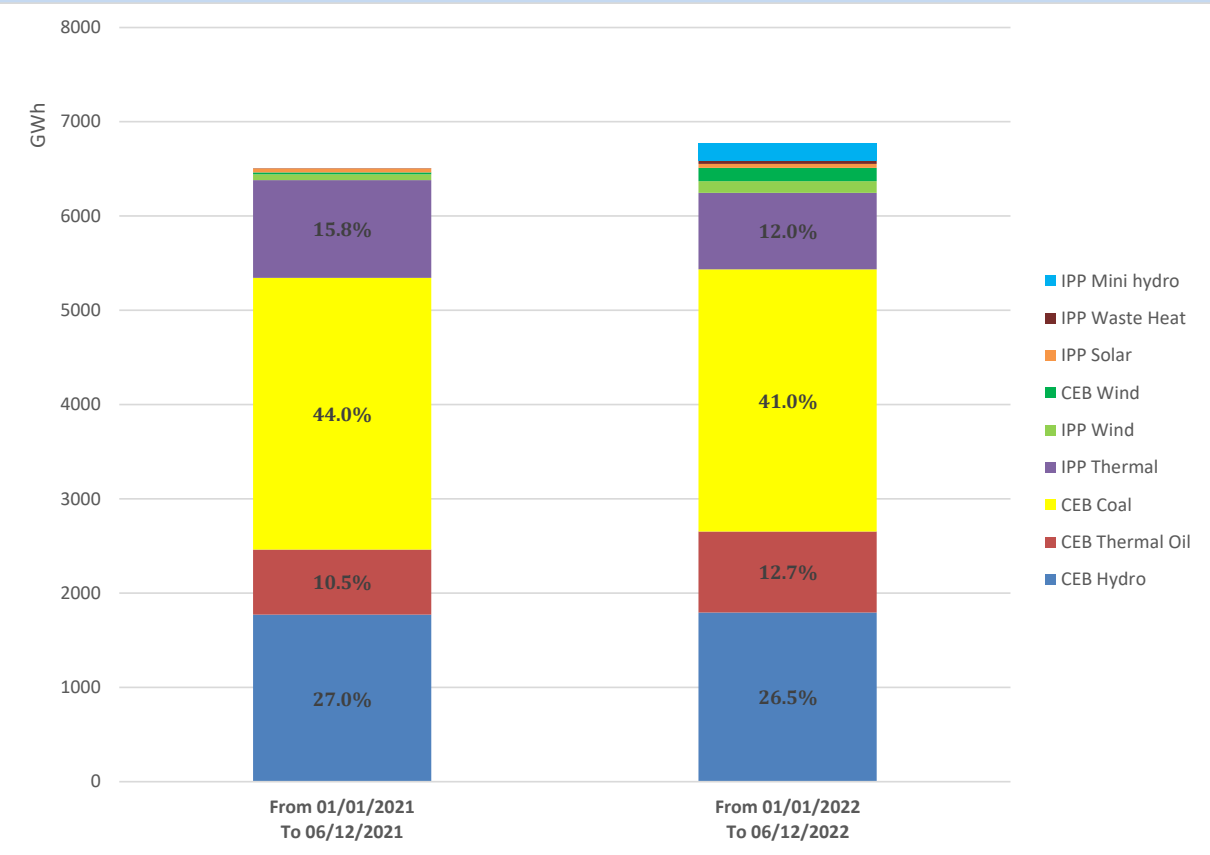
Solar Generation during the Previous day

June 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 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 13, 2022

- 1) Rotational manual load shedding was carried out from 06:00hrs to 07:00hrs and 17:30hrs to 21:30hrs.