

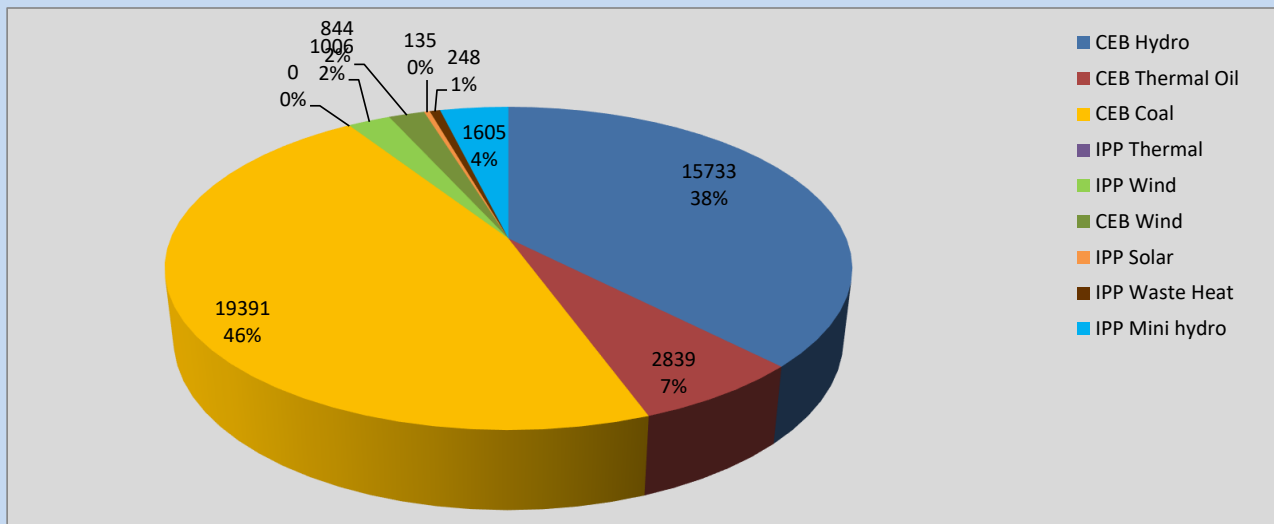
Generation and Reservoirs Statistics

June 17, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

41,801 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

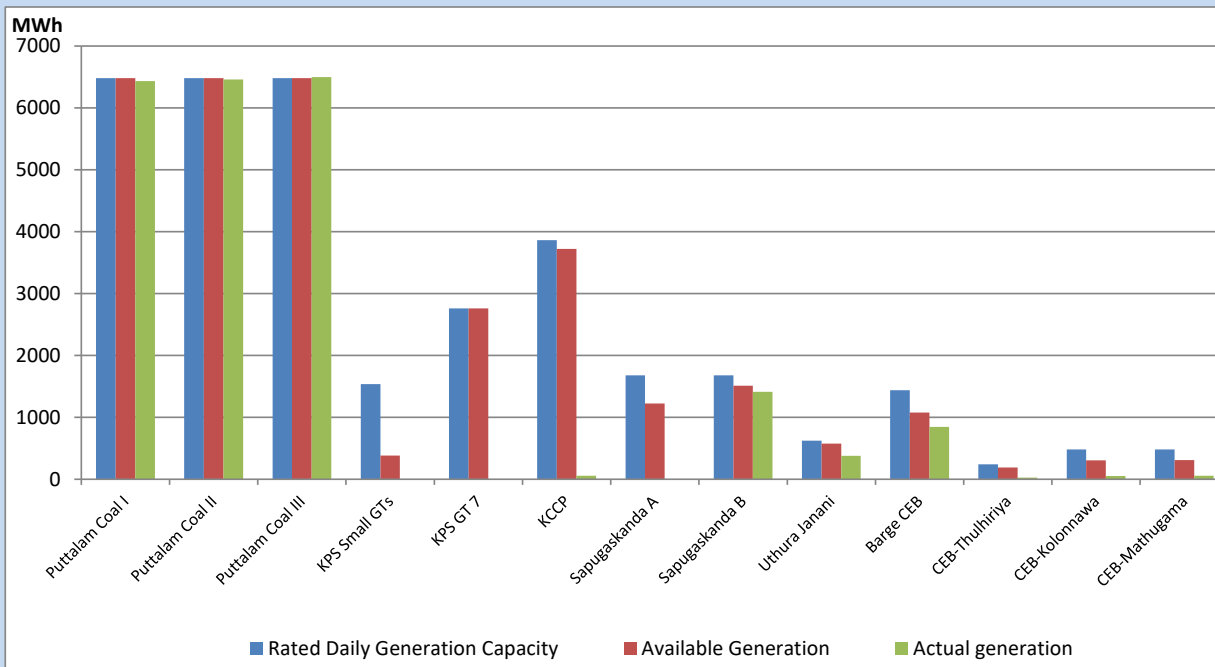
Category	Dispatch (GWh)	Percentage
CEB Hydro	263.18	38.55%
CEB Thermal Oil	8.12	1.19%
CEB Coal	308.72	45.23%
IPP Thermal	3.29	0.48%
SPP Wind	28.74	4.21%
CEB Wind	30.10	4.41%
SPP Solar	3.67	0.54%
SPP Solid Waste	3.82	0.56%
Mini Hydro	32.99	4.83%
Total	682.63	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,872.2	26.84%
CEB Thermal Oil	866.6	12.42%
CEB Coal	2,875.0	41.21%
IPP Thermal	811.8	11.64%
SPP Wind	129.7	1.86%
CEB Wind	146.8	2.10%
SPP Solar	42.7	0.61%
SPP Solid Waste	35.1	0.50%
Mini Hydro	196.7	2.82%
Total	6,976.4	

CEB owned Thermal Plant Dispatch

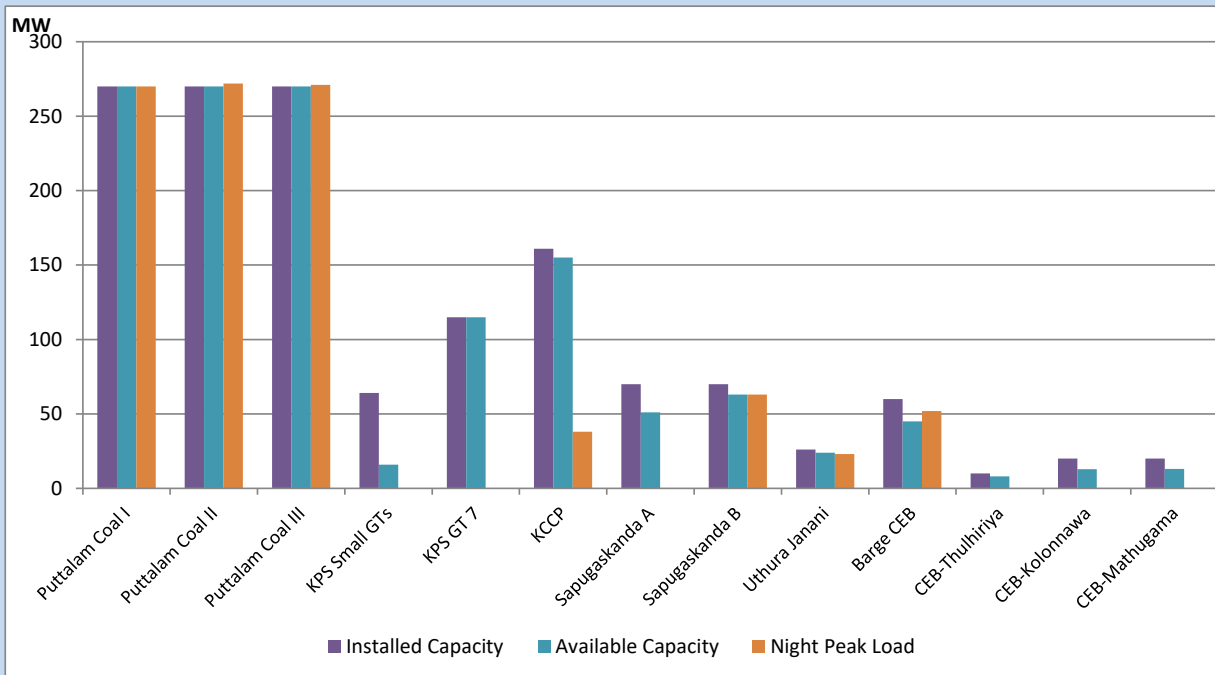
June 17, 2022



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

June 18, 2022

CEB owned Thermal Plant Loading at the Night Peak



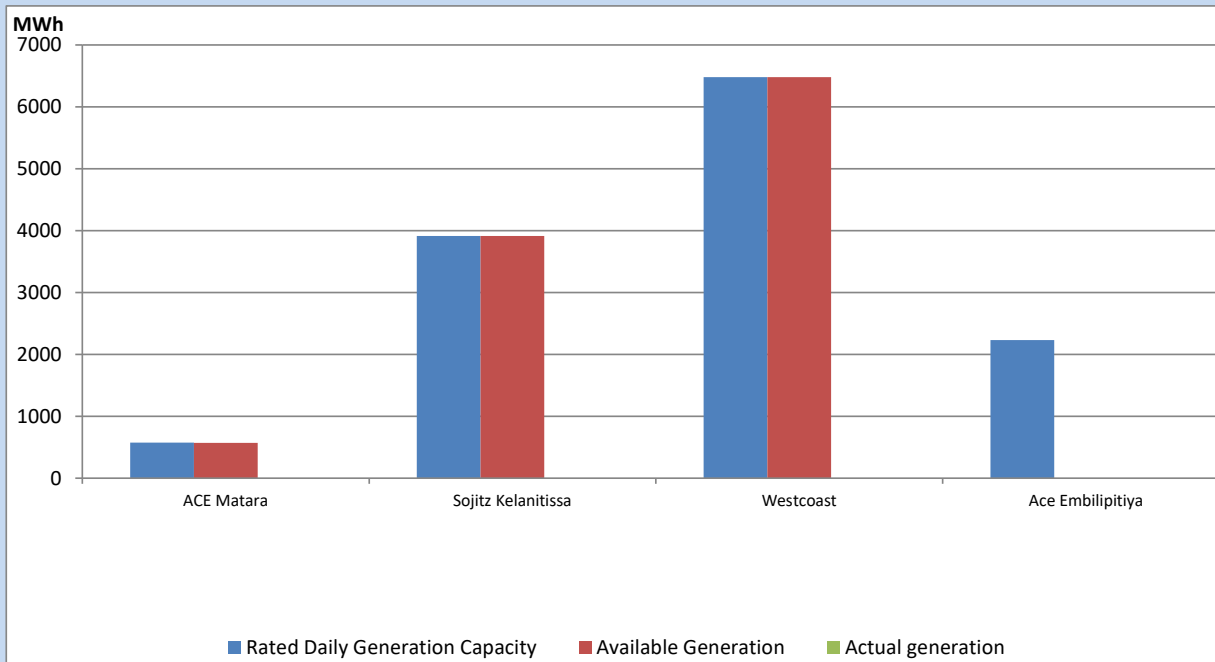
Note- Plant availability is recorded at 6.00 am on

June 18, 2022

IPP owned Thermal Plant Dispatch

June 17, 2022

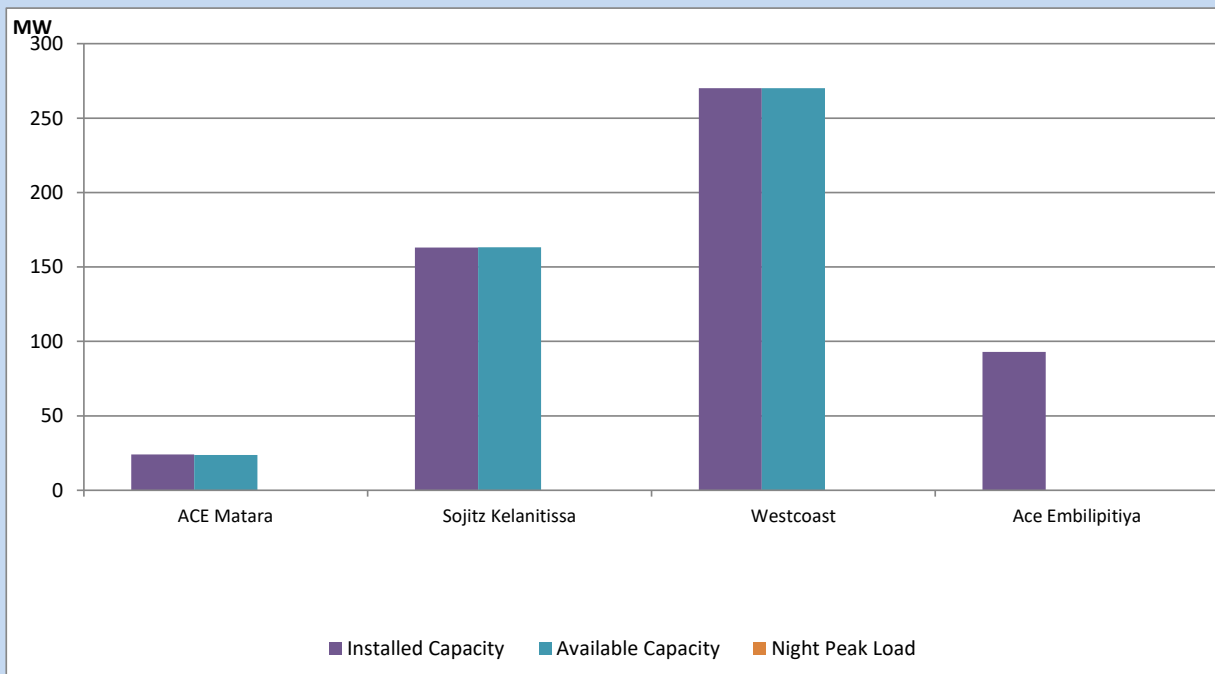
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 18, 2022

IPP owned Thermal Plant Loading at the Night Peak

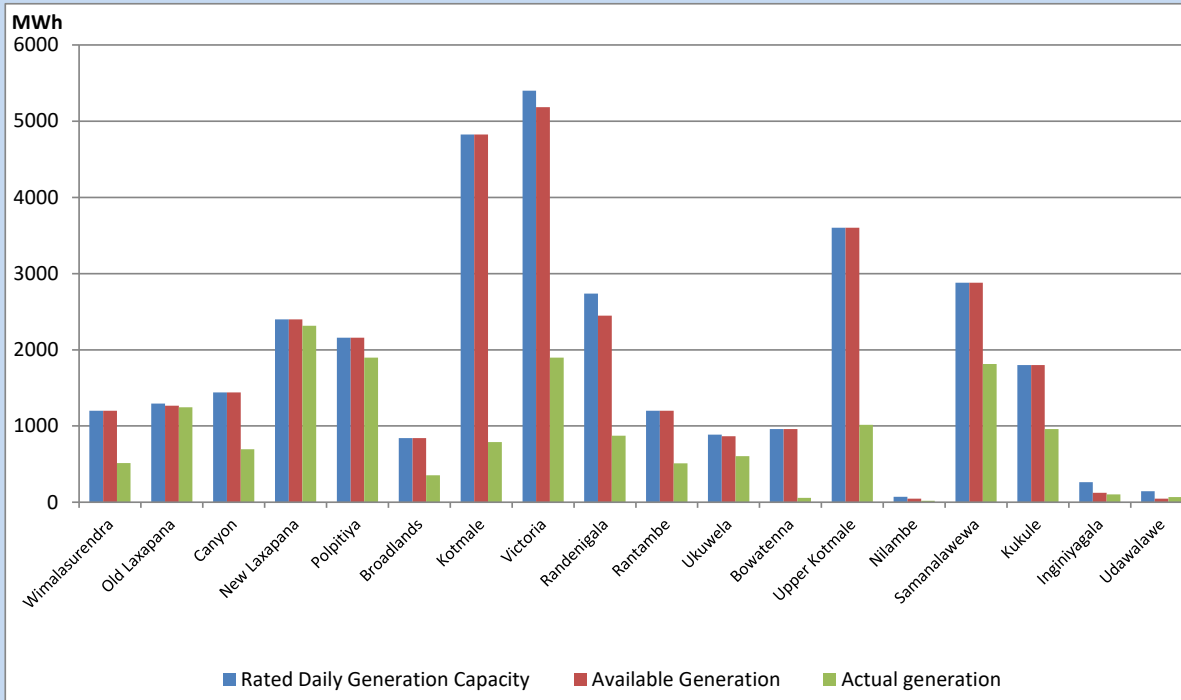


Note- Plant availability is recorded at 6.00 am on

June 18, 2022

Major Hydro Plant Dispatch

June 17, 2022

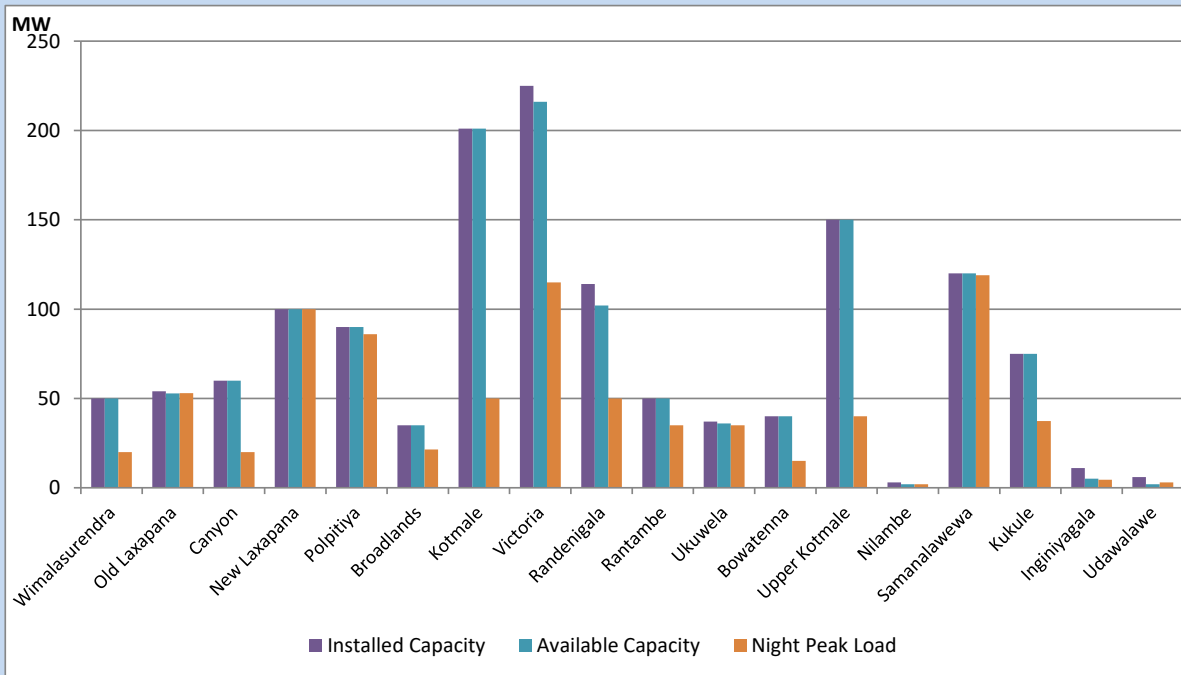


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

June 18, 2022

Major Hydro Plant Loading at Night Peak

June 17, 2022



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

June 18, 2022

Summary of Major Plant performance

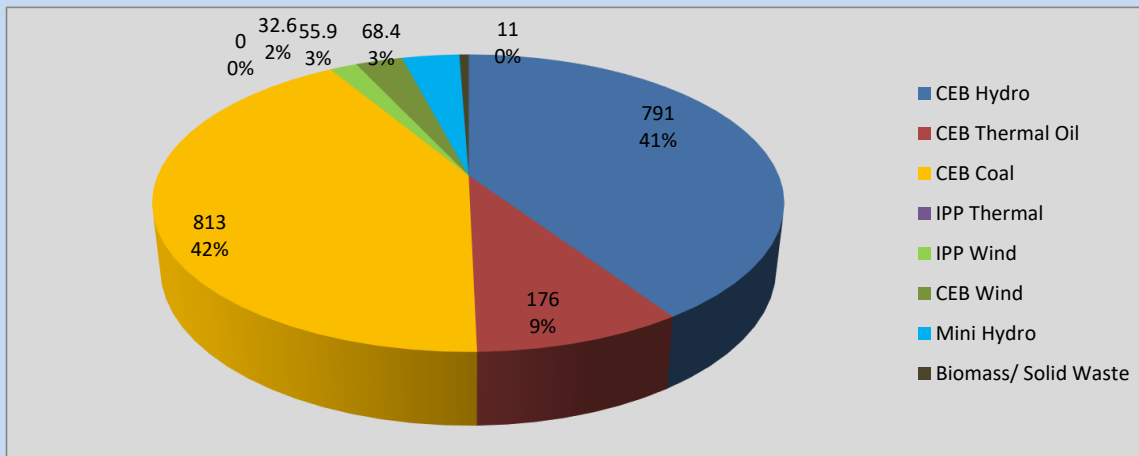
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	20	514
Old Laxapana	54	53	53	1,245
Canyon	60	60	20	694
New Laxapana	100	100	100	2,317
Polpitiya	90	90	86	1,899
Broadlands	35	35	22	353
Kotmale	201	201	50	790
Victoria	225	216	115	1,898
Randenigala	114	102	50	874
Rantambe	50	50	35	509
Ukuwela	37	36	35	605
Bowatenna	40	40	15	58
Upper Kotmale	150	150	40	1,017
Nilambe	3	2	2	19
Samanalawewa	120	120	119	1,814
Kukule	75	75	37	959
Inginiyagala	11	5	5	101
Udawalawe	6	2	3	67
Puttalam Coal I	270	270	270	6,433
Puttalam Coal II	270	270	272	6,458
Puttalam Coal III	270	270	271	6,500
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	38	59
Sapugaskanda A	70	51	0	0
Sapugaskanda B	70	63	63	1,415
Uthura Janani	26	24	23	380
Barge CEB	60	45	52	846
CEB-Thulhiriya	10	8	0	28
CEB-Kolonnawa	20	13	0	54
CEB-Mathugama	20	13	0	57
ACE Matara	24	24	0	0
Sojitz Kelanitissa	163	163	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	3,157	1,963	41,801

Plant availability is the availability recorded at 6 am on

June 18, 2022

Contribution to the Night Peak in MW

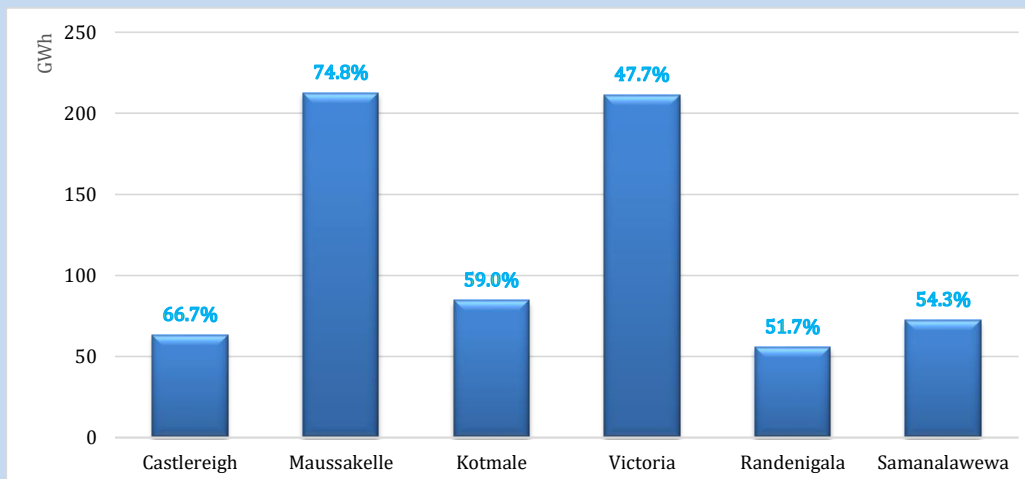
June 17, 2022



Night Peak*	1,948.1 MW
Day Peak	2,106.0 MW
Minimum Demand	1,303.6 MW

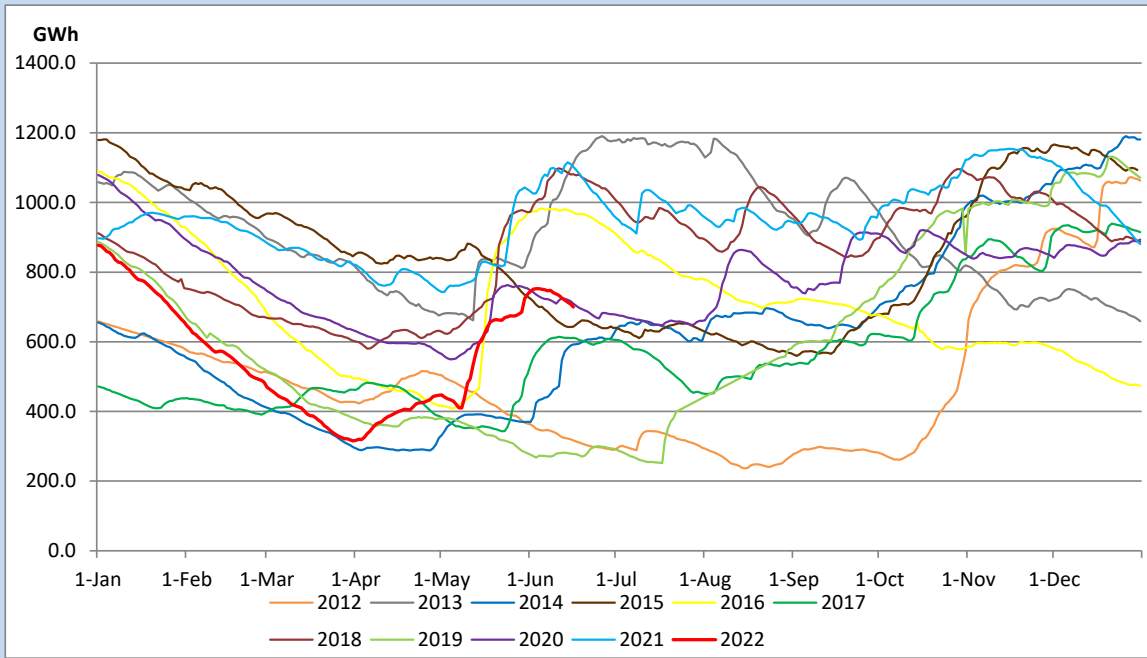
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on June 18, 2022

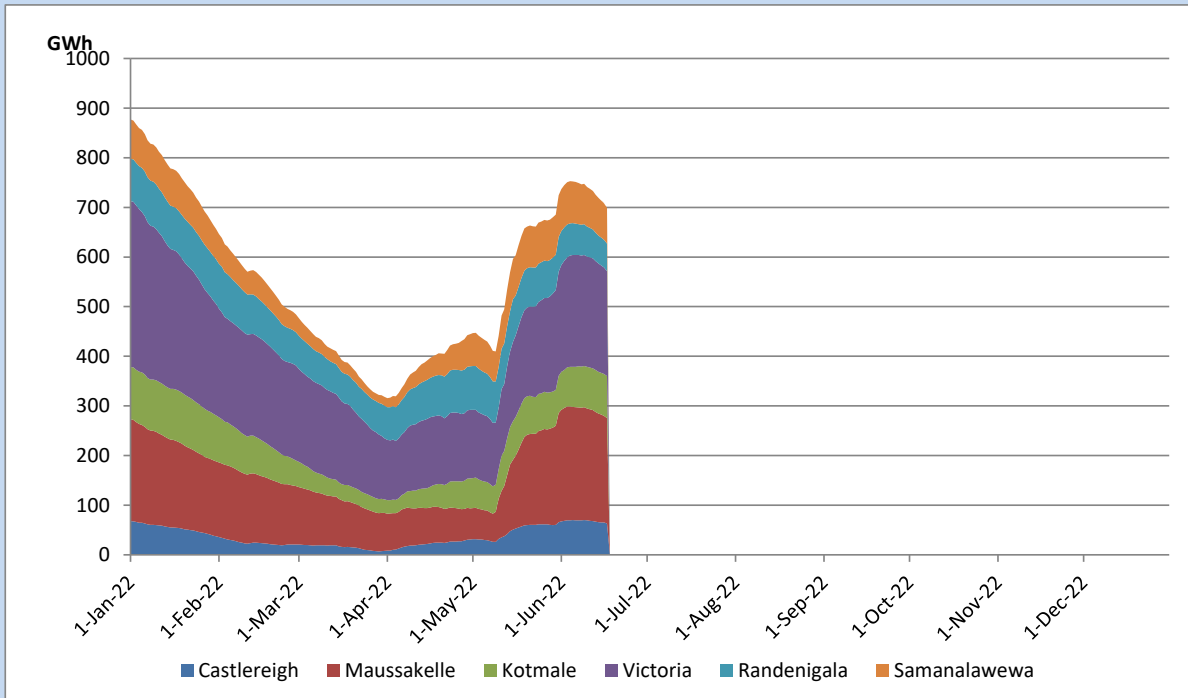


Total Reservoir Level	699.5 GWh
% of Total capacity	58.0%

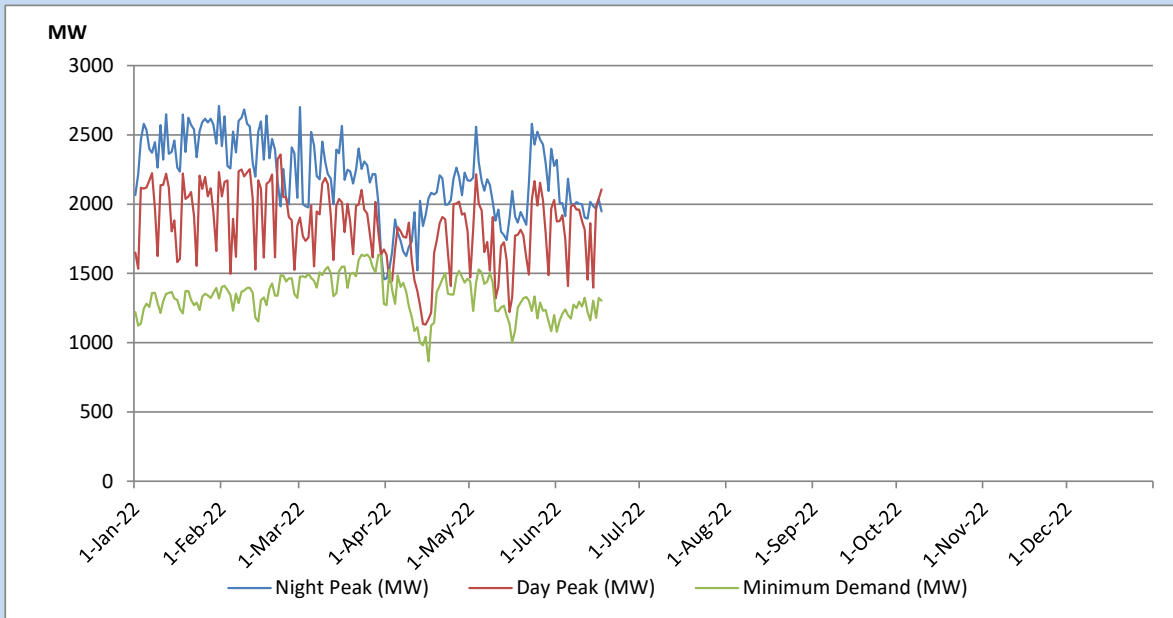
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

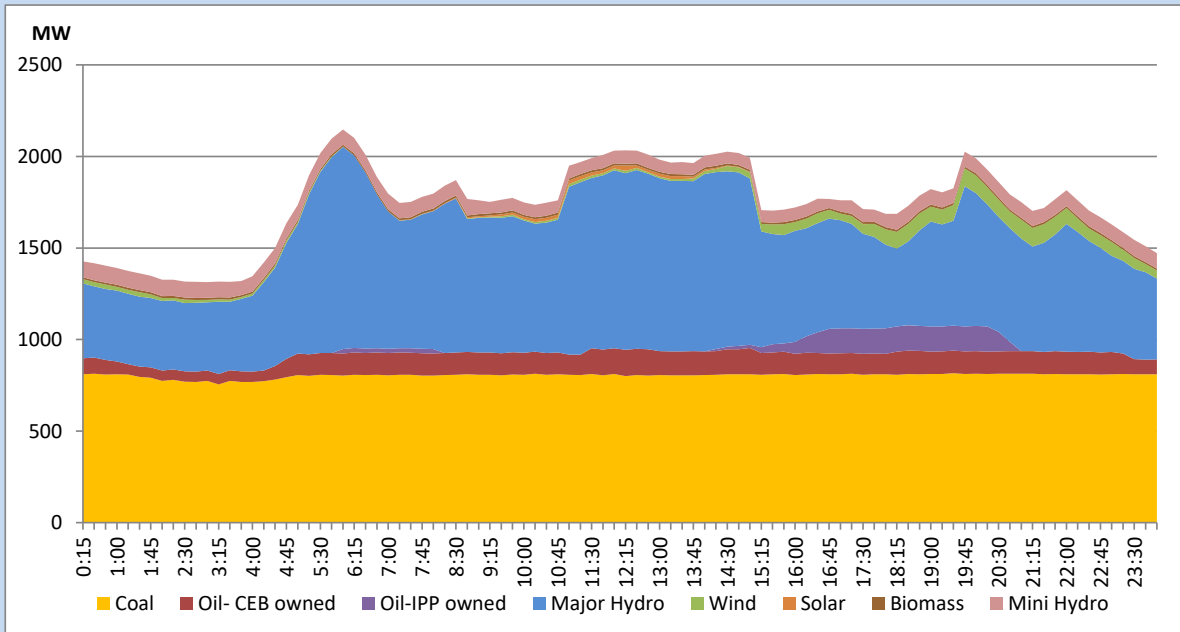


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

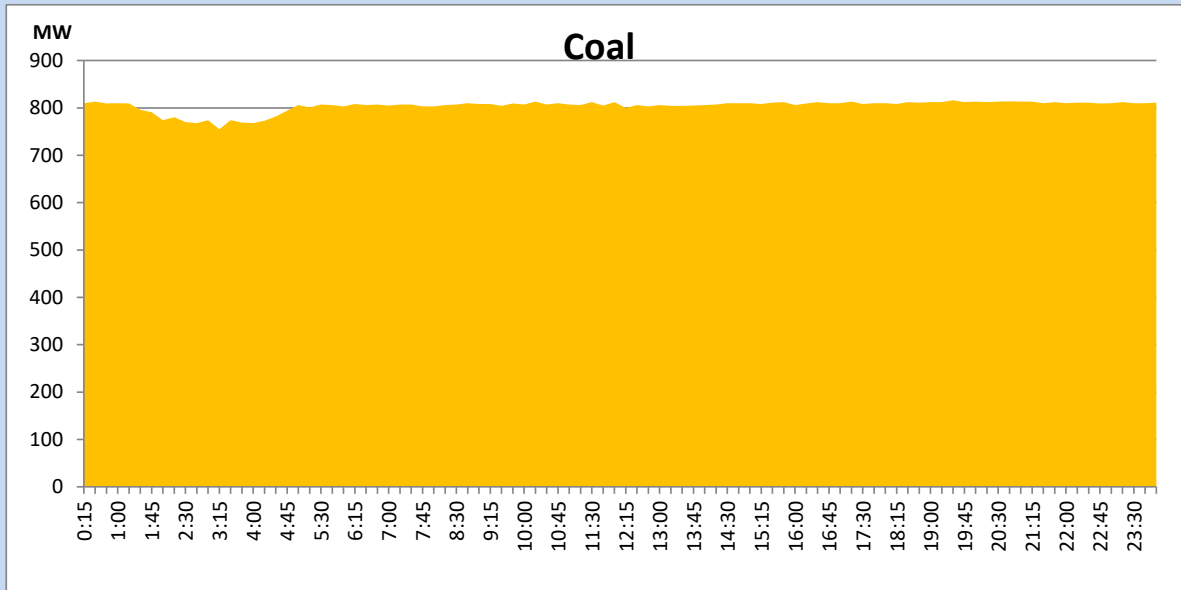
June 16, 2022

Solar and wind data is based on Telemetered Power Stations only



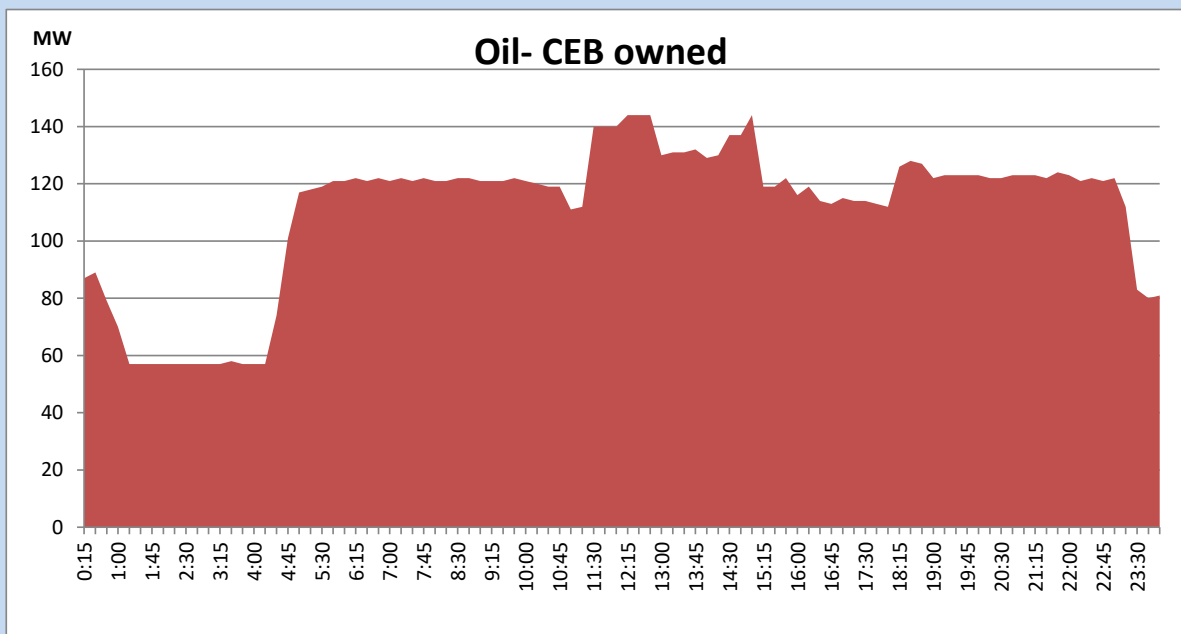
Coal Generation during the Previous day

June 16, 2022



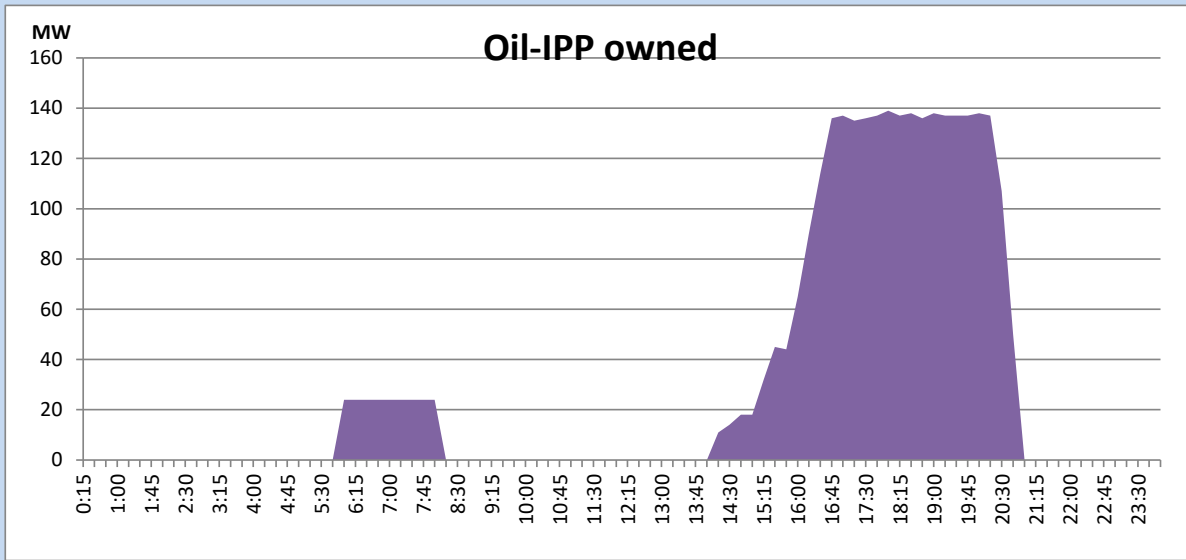
CEB Oil Plant Generation during the Previous day

June 16, 2022



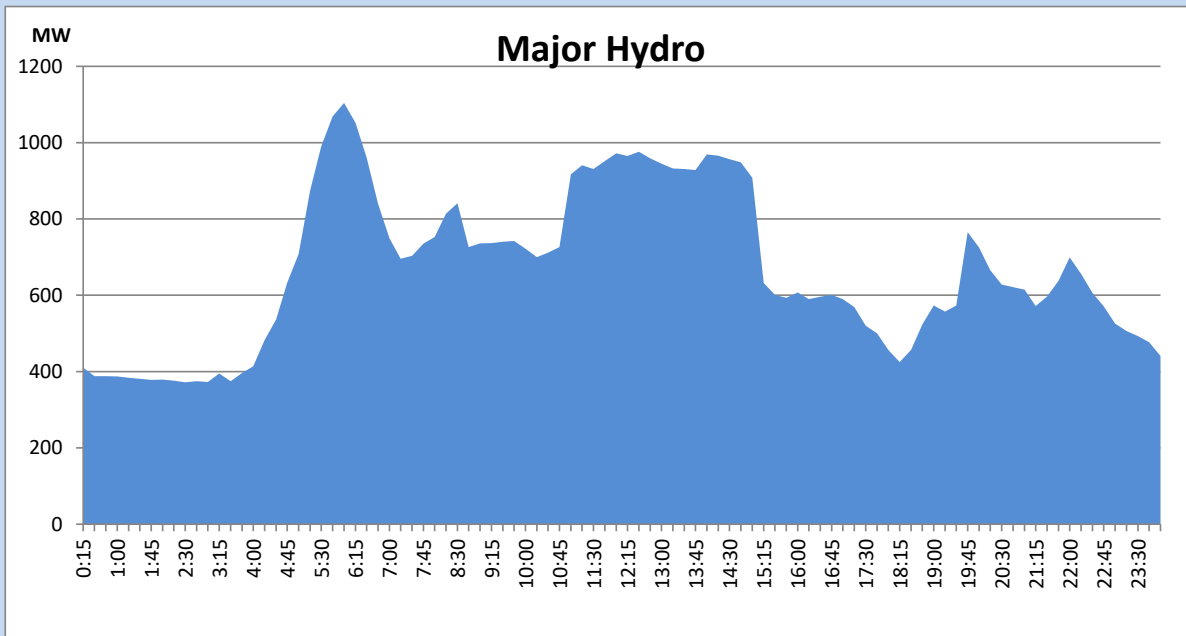
IPP Oil Plant Generation during the Previous day

June 16, 2022



Major Hydro Generation during the Previous day

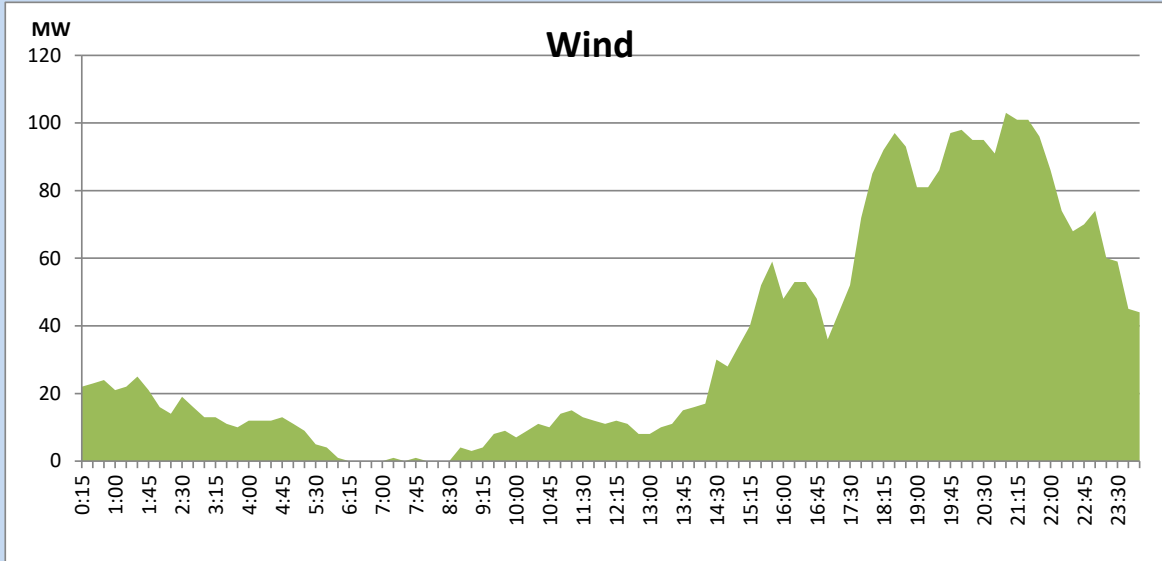
June 16, 2022



Wind Generation during the Previous day

June 16, 2022

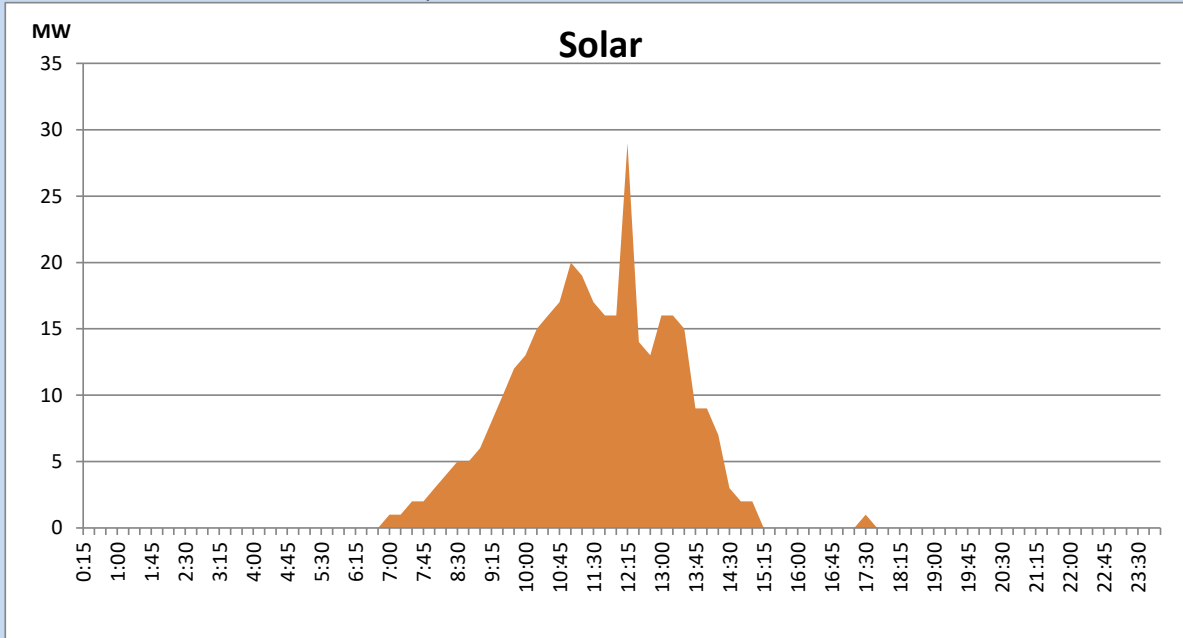
Based on Telemetered Power Stations only



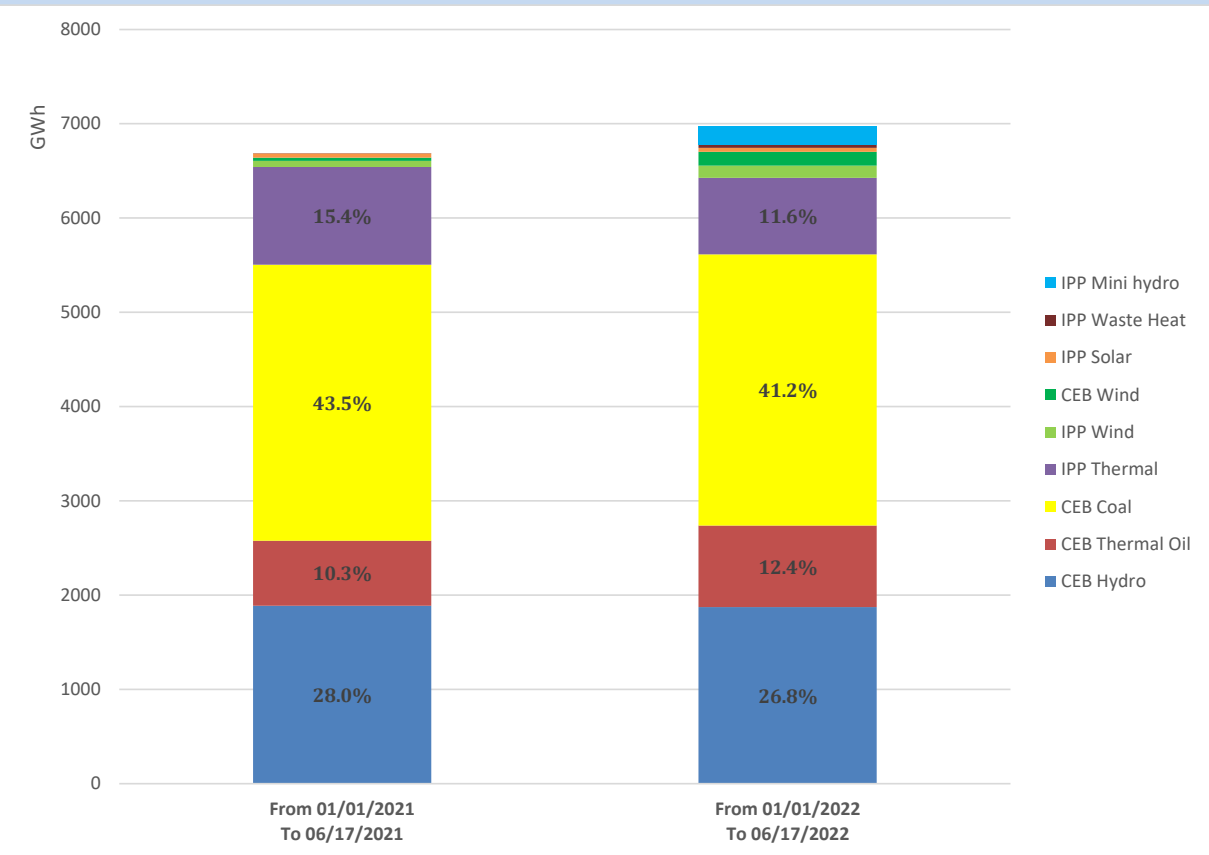
Solar Generation during the Previous day

June 16, 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 18, 2022

- 1) Rotational manual load shedding was carried out from 6:00hrs to 10:45hrs and from 15:00 hrs to 21:45 hrs.
- 2) Kothmale-New Habarana cct 01 tripped from Kothmale end only through Kothmale CB-130, at 08:59hrs (Kothmale CB-110 was under a planned maintenance). The cct was restored at 10:34hrs via Kothmale CB-130.
- 3) Padukka 220/132kV TF 02 which tripped on 16.06.2022, was restored at 17:51hrs.