

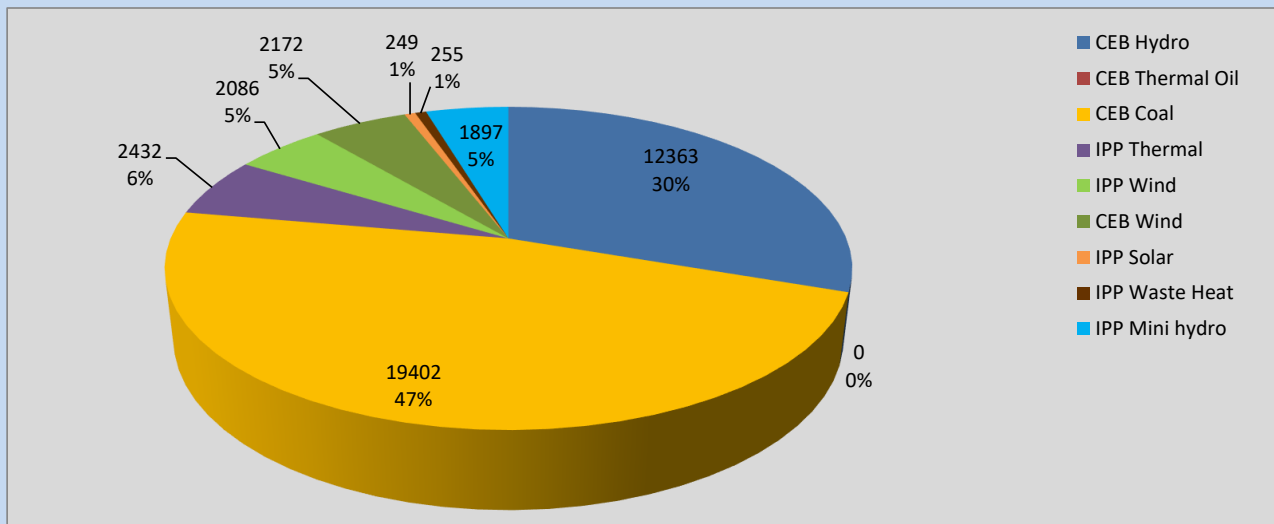
Generation and Reservoirs Statistics

June 9, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **40,856 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

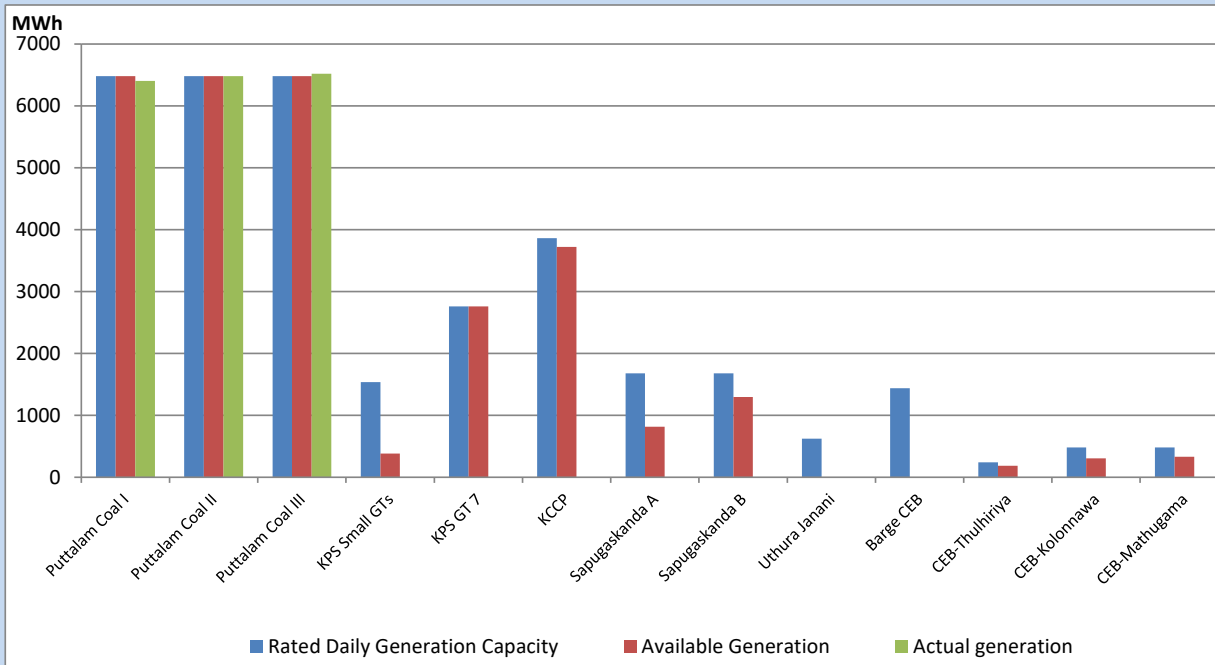
Category	Dispatch (GWh)	
CEB Hydro	142.66	39.25%
CEB Thermal Oil	0.91	0.25%
CEB Coal	158.99	43.74%
IPP Thermal	2.43	0.67%
SPP Wind	17.30	4.76%
CEB Wind	18.16	5.00%
SPP Solar	1.93	0.53%
SPP Solid Waste	1.75	0.48%
Mini Hydro	19.37	5.33%
Total	363.50	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	1,751.7	26.31%
CEB Thermal Oil	859.4	12.91%
CEB Coal	2,725.3	40.94%
IPP Thermal	810.9	12.18%
SPP Wind	118.2	1.78%
CEB Wind	134.9	2.03%
SPP Solar	41.0	0.62%
SPP Solid Waste	33.1	0.50%
Mini Hydro	183.1	2.75%
Total	6,657.3	

CEB owned Thermal Plant Dispatch

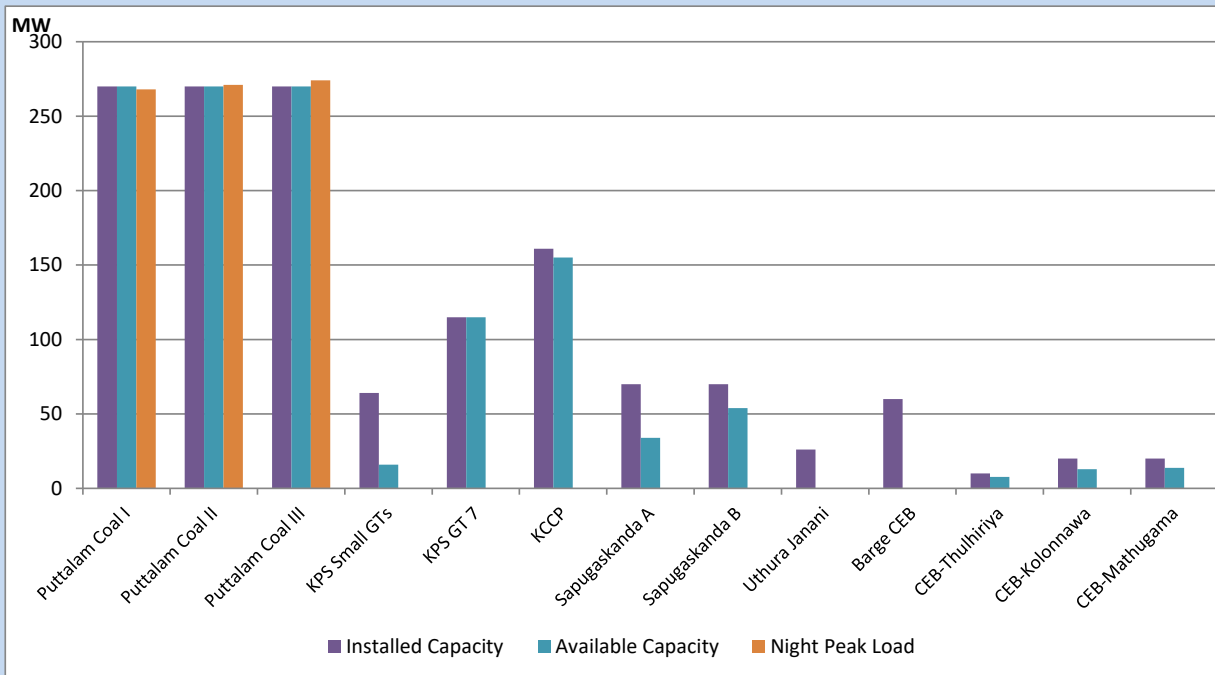
June 9, 2022



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

June 10, 2022

CEB owned Thermal Plant Loading at the Night Peak



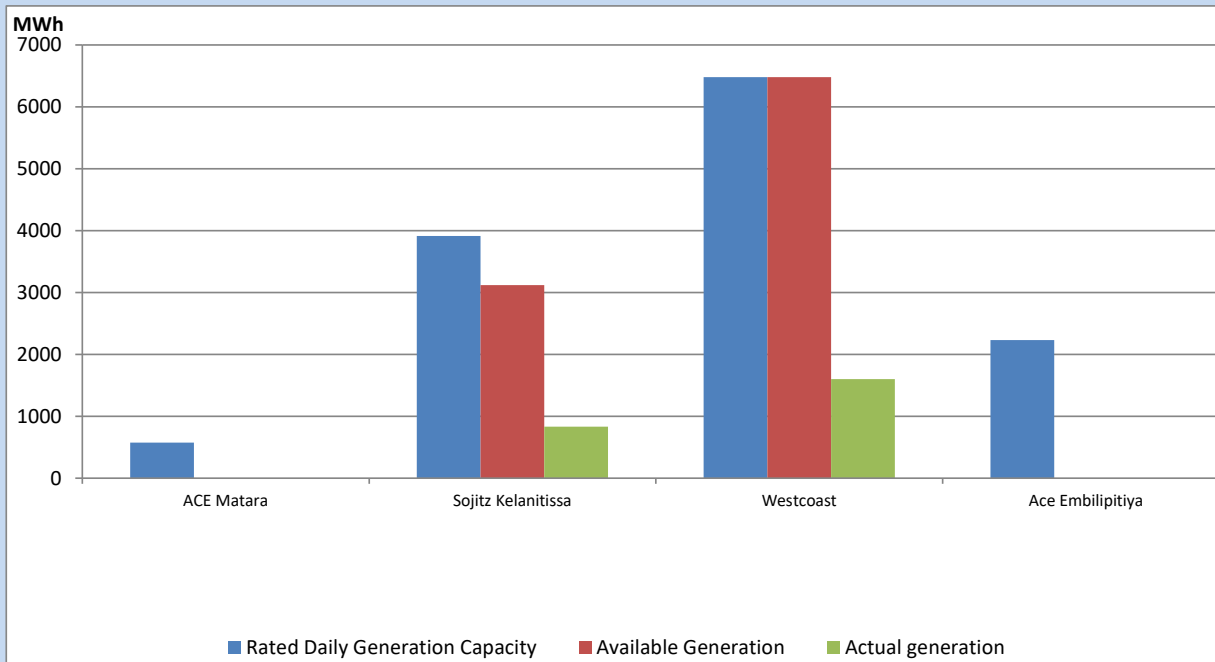
Note- Plant availability is recorded at 6.00 am on

June 10, 2022

IPP owned Thermal Plant Dispatch

June 9, 2022

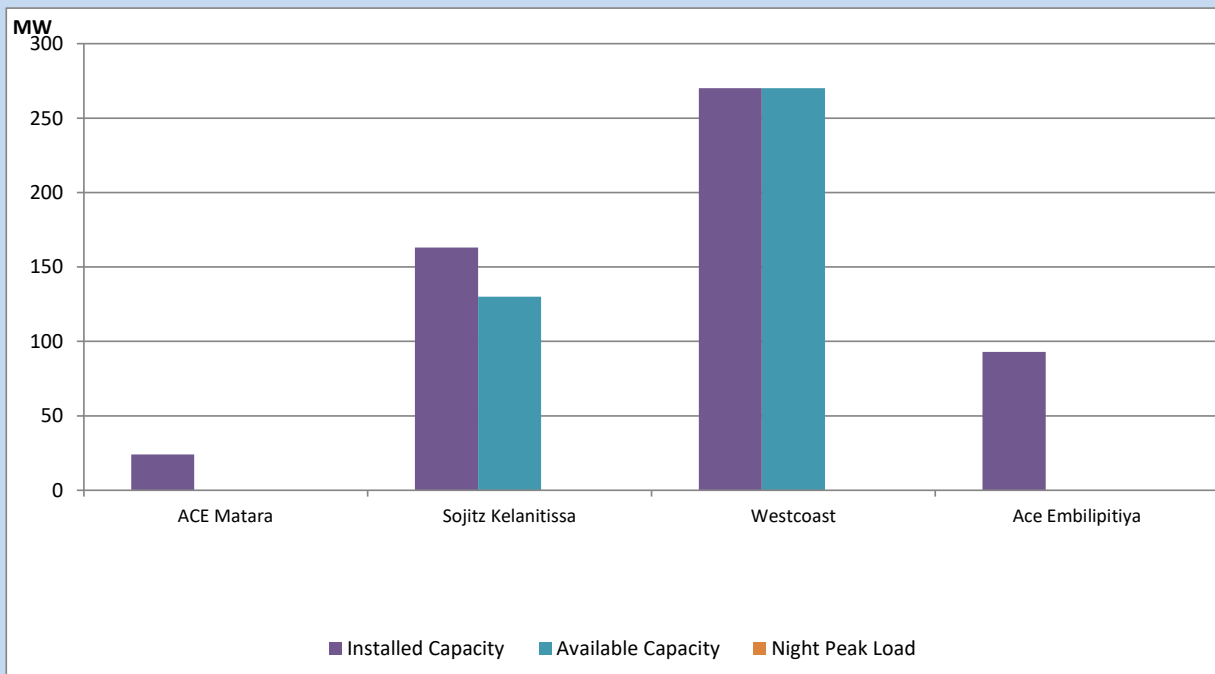
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 10, 2022

IPP owned Thermal Plant Loading at the Night Peak

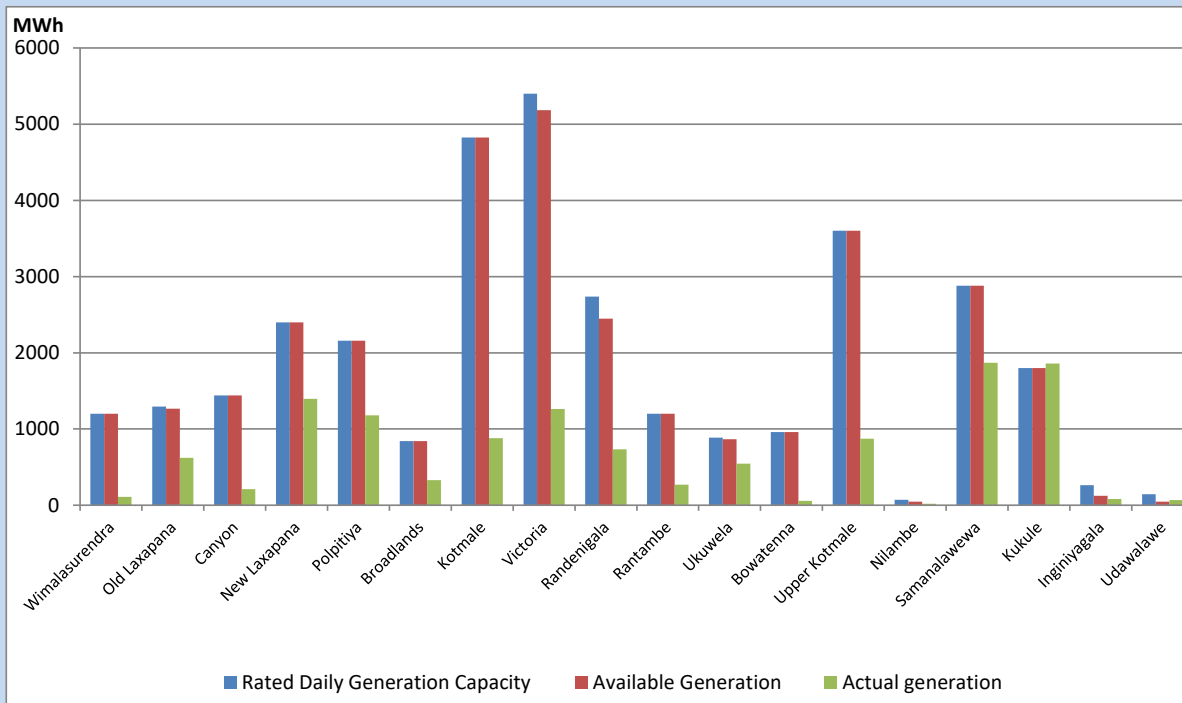


Note- Plant availability is recorded at 6.00 am on

June 10, 2022

Major Hydro Plant Dispatch

June 9, 2022

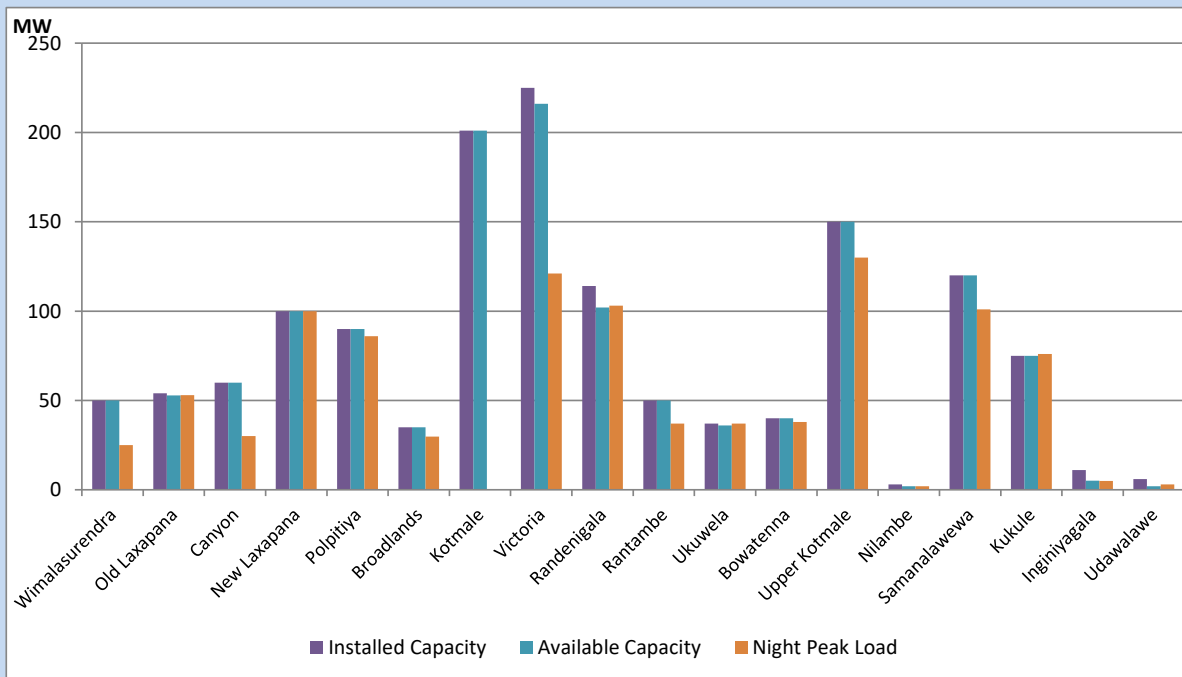


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

June 10, 2022

Major Hydro Plant Loading at Night Peak

June 9, 2022



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

June 10, 2022

Summary of Major Plant performance

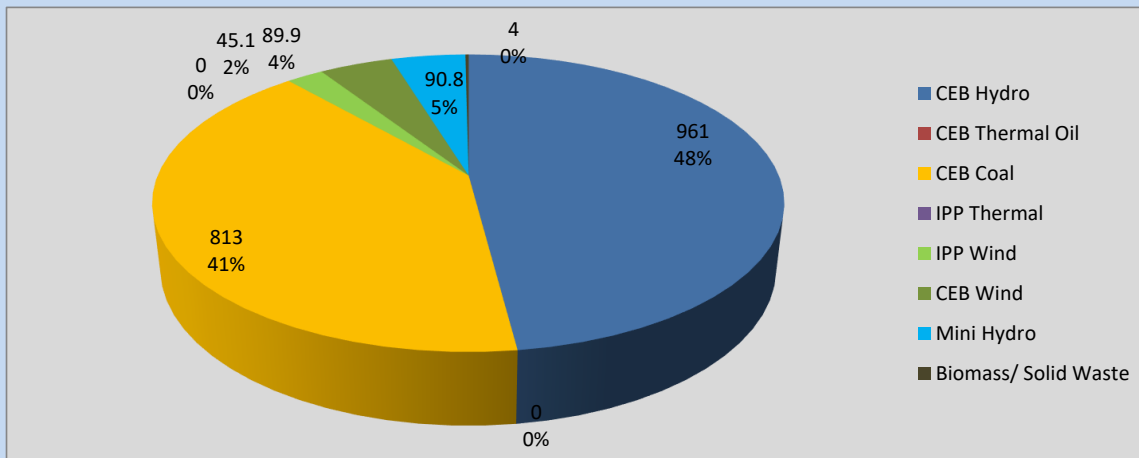
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	25	111
Old Laxapana	54	53	53	623
Canyon	60	60	30	210
New Laxapana	100	100	100	1,397
Polpitiya	90	90	86	1,178
Broadlands	35	35	30	330
Kotmale	201	201	0	880
Victoria	225	216	121	1,263
Randenigala	114	102	103	734
Rantambe	50	50	37	269
Ukuwela	37	36	37	546
Bowatenna	40	40	38	56
Upper Kotmale	150	150	130	871
Nilambe	3	2	2	18
Samanalawewa	120	120	101	1,870
Kukule	75	75	76	1,860
Inginiyagala	11	5	5	80
Udawalawe	6	2	3	67
Puttalam Coal I	270	270	268	6,404
Puttalam Coal II	270	270	271	6,480
Puttalam Coal III	270	270	274	6,518
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	0	0
Sapugaskanda A	70	34	0	0
Sapugaskanda B	70	54	0	0
Uthura Janani	26	0	0	0
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	14	0	0
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	130	0	832
West Coast	270	270	0	1,600
ACE Embilipitiya	93	0	0	0
Total	3,397	3,005	2,020	40,856

Plant availability is the availability recorded at 6 am on

June 10, 2022

Contribution to the Night Peak in MW

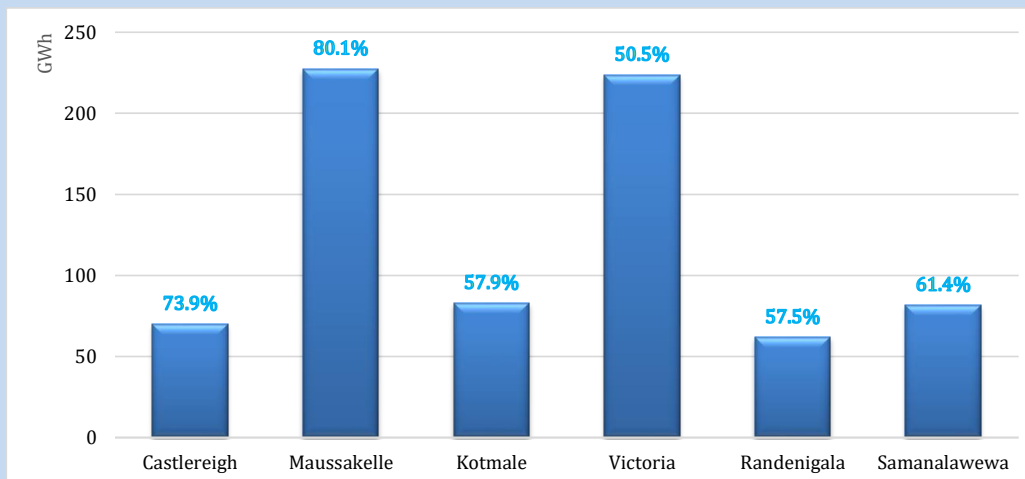
June 9, 2022



Night Peak*	2,003.5 MW
Day Peak	1,960.8 MW
Minimum Demand	1,295.4 MW

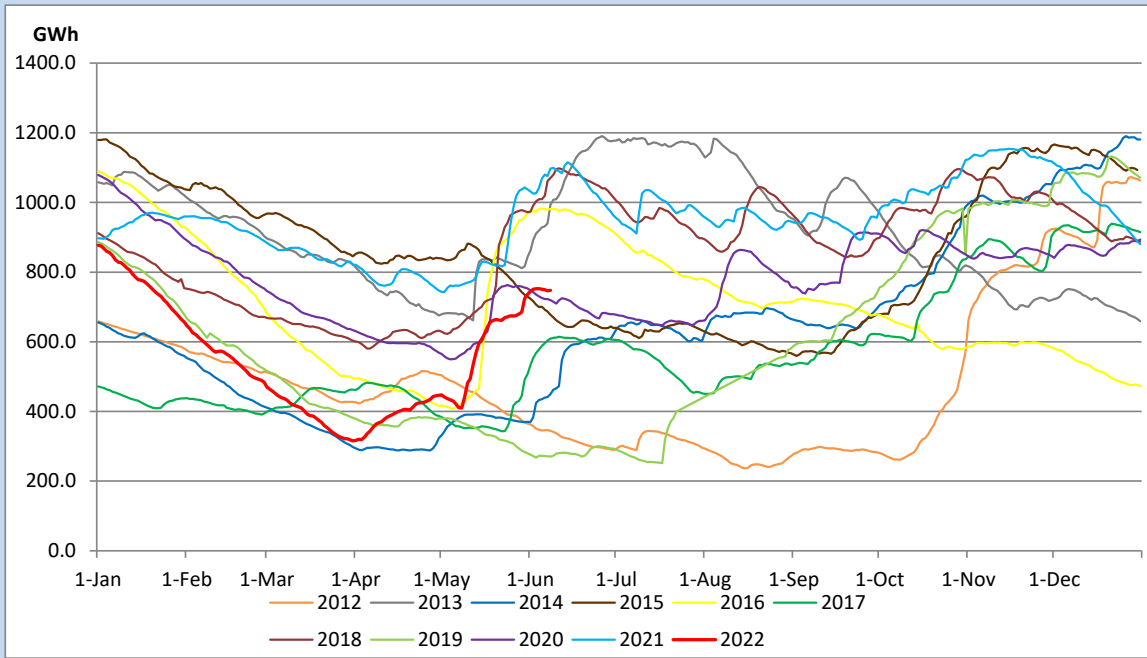
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on June 10, 2022

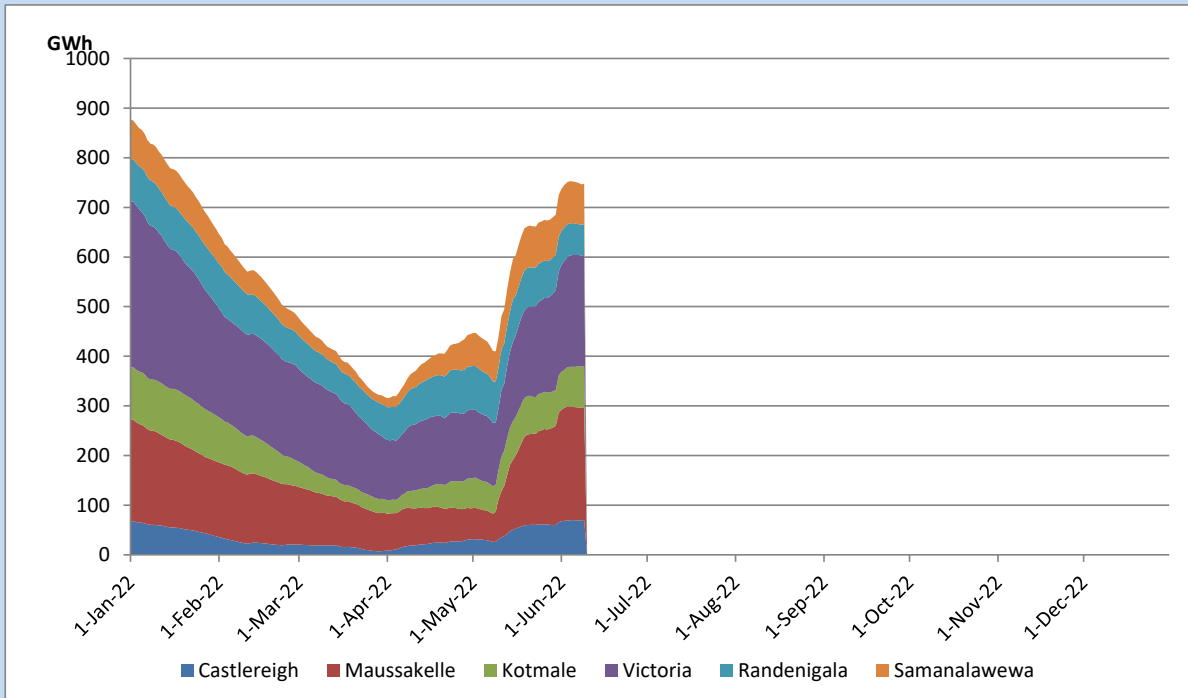


Total Reservoir Level	747.6 GWh
% of Total capacity	62.0%

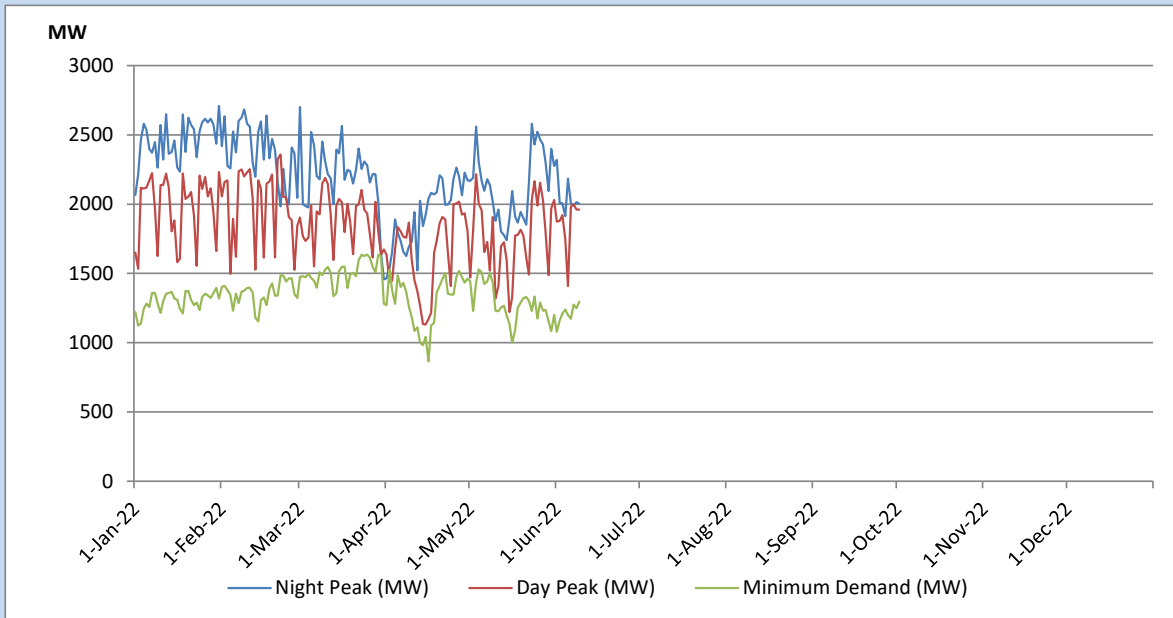
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

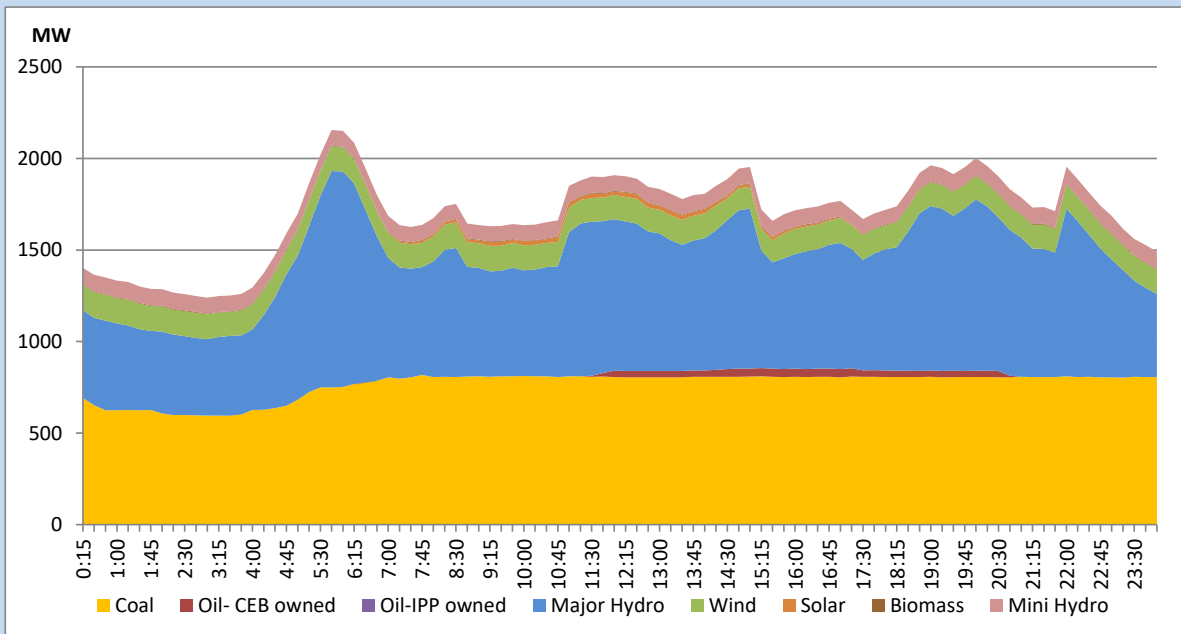


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

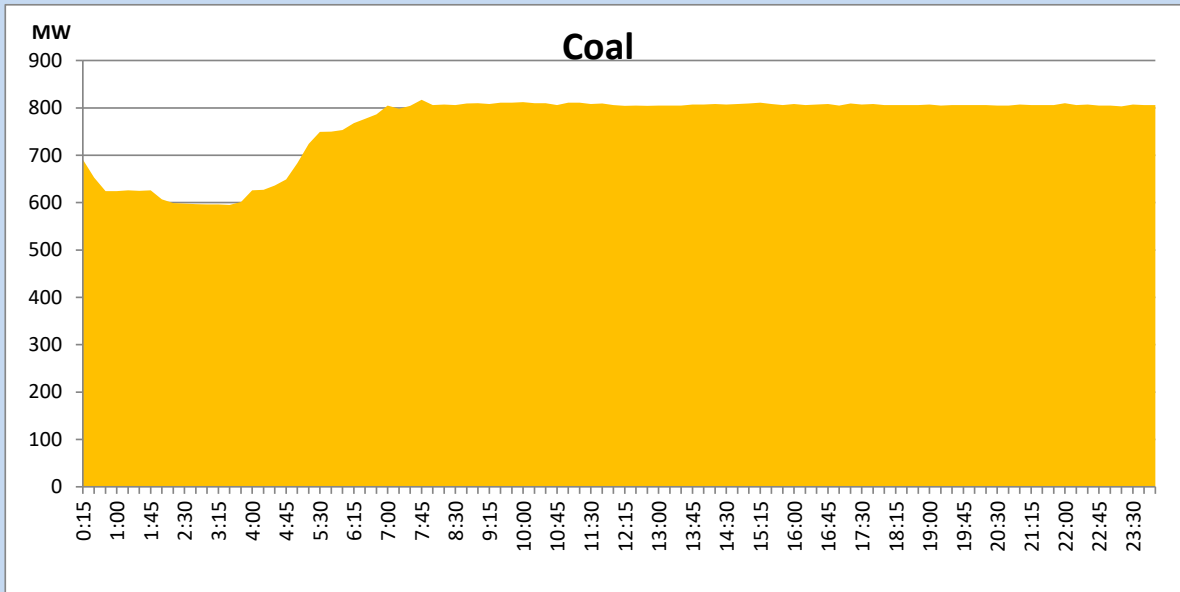
June 8, 2022

Solar and wind data is based on Telemetered Power Stations only



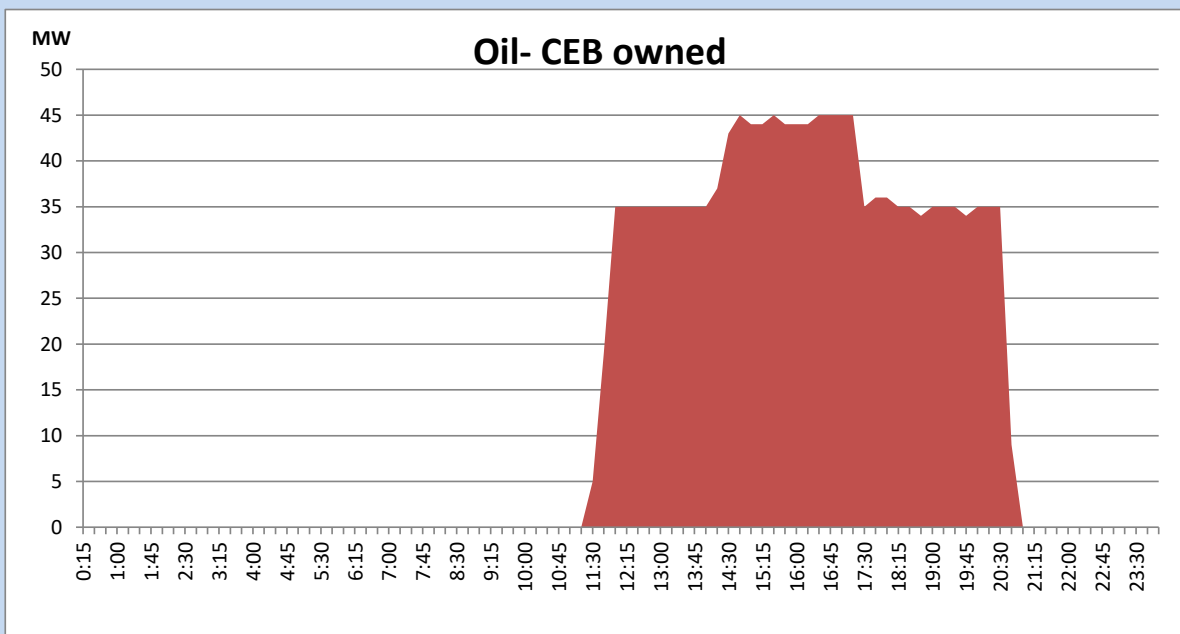
Coal Generation during the Previous day

June 8, 2022



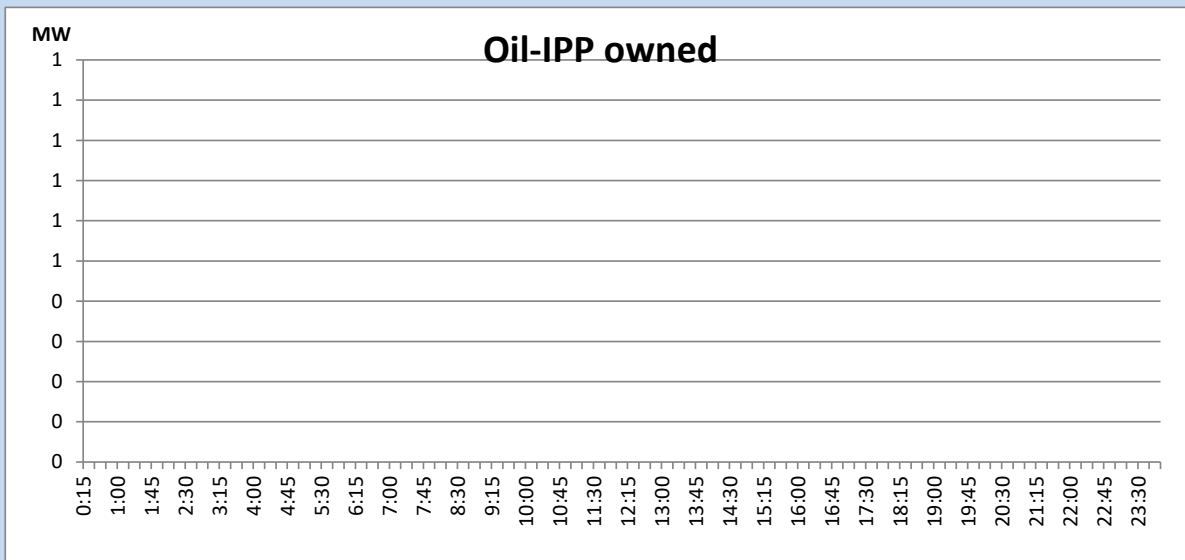
CEB Oil Plant Generation during the Previous day

June 8, 2022



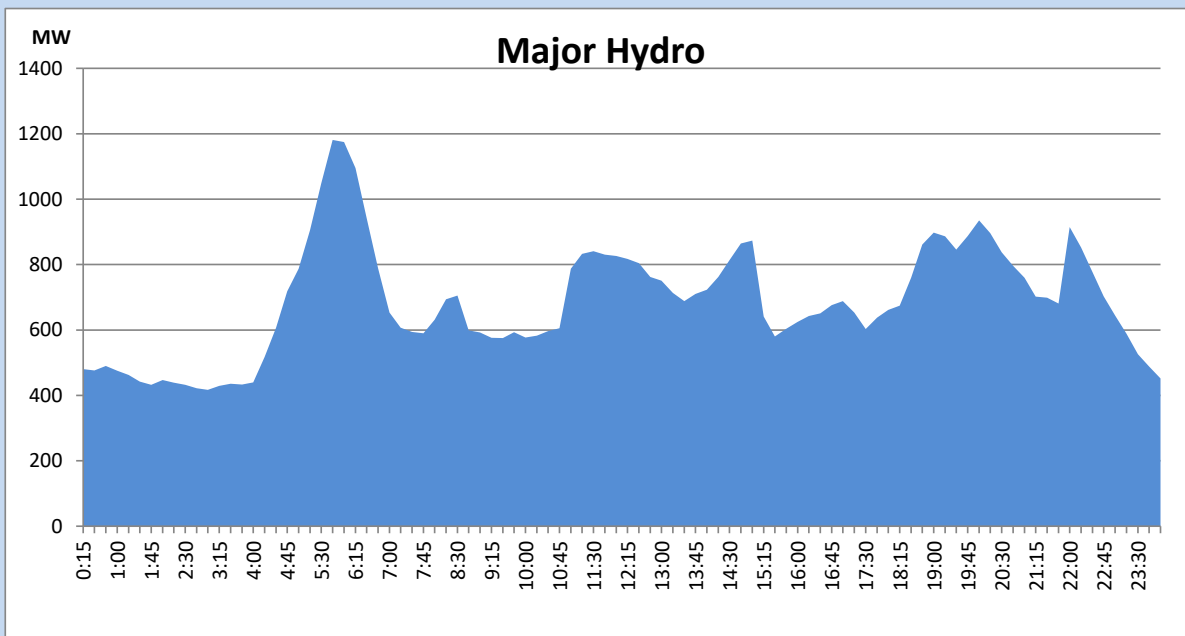
IPP Oil Plant Generation during the Previous day

June 8, 2022



Major Hydro Generation during the Previous day

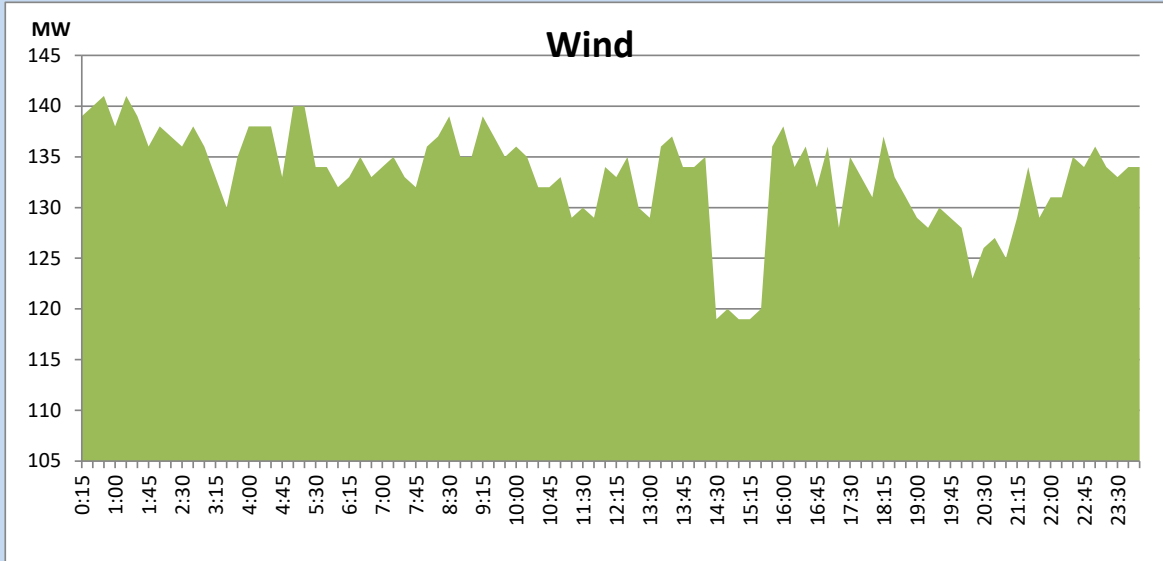
June 8, 2022



Wind Generation during the Previous day

June 8, 2022

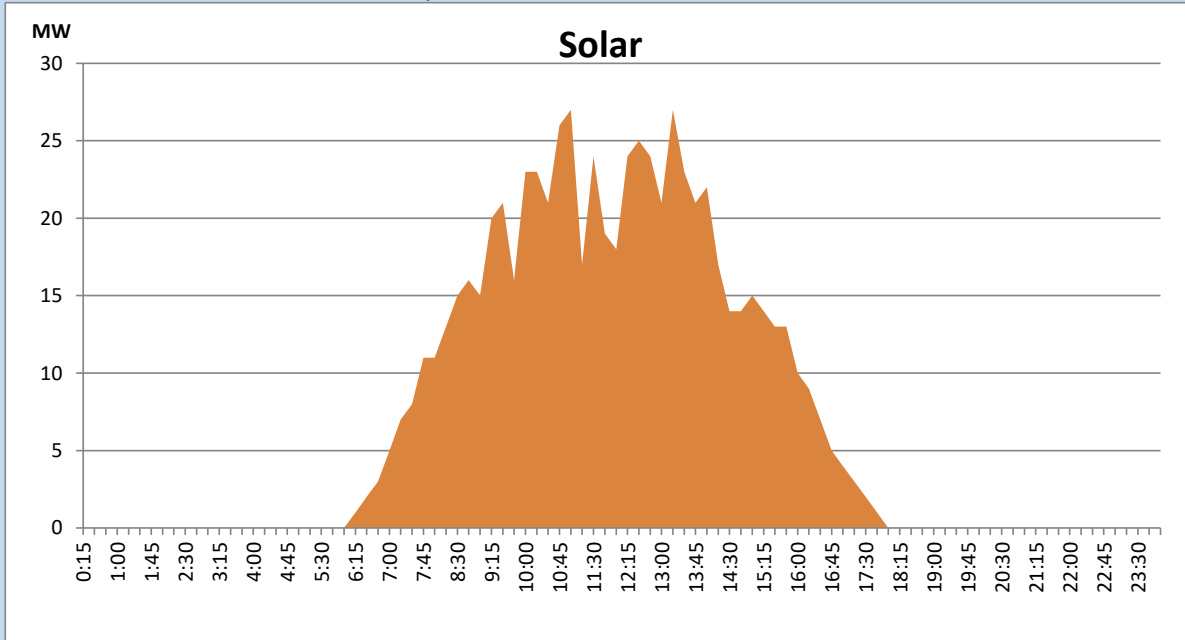
Based on Telemetered Power Stations only



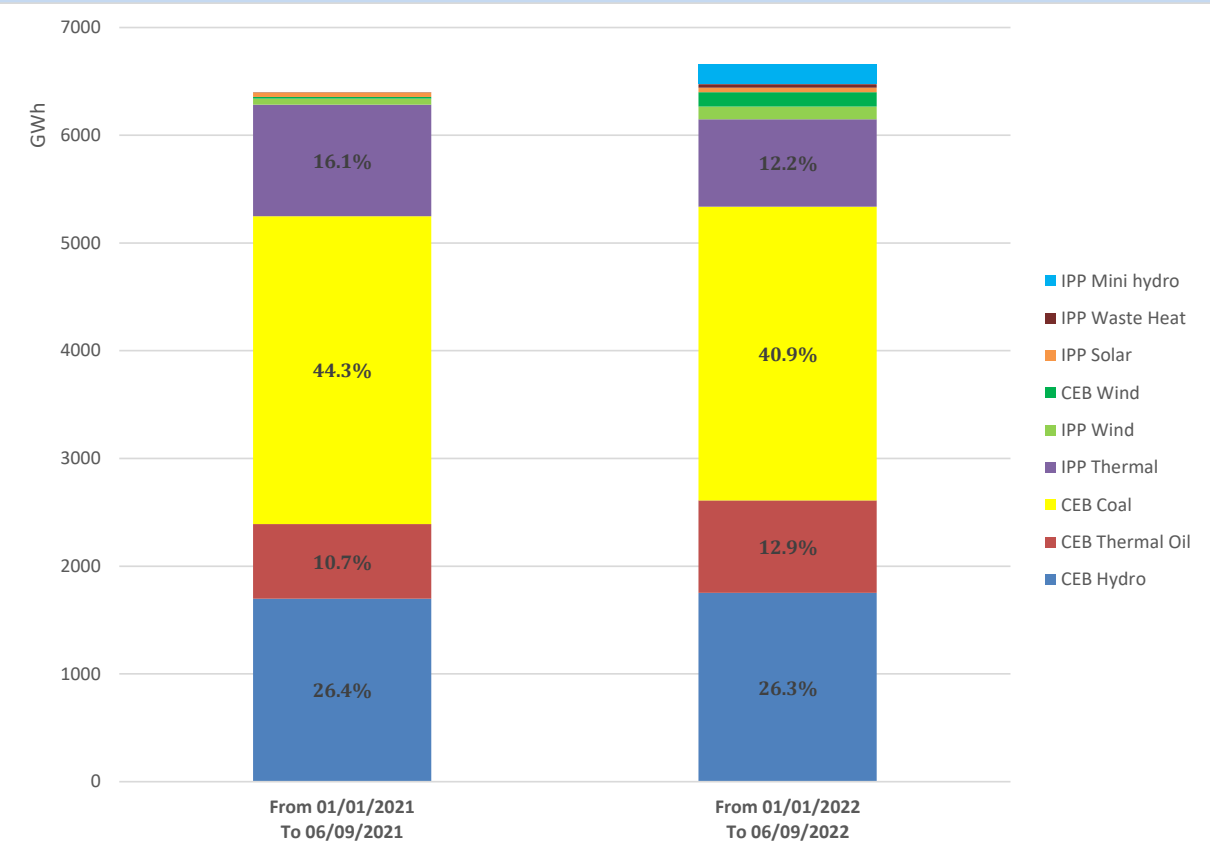
Solar Generation during the Previous day

June 8, 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 10, 2022

- 1) Rotational manual load shedding was carried out from 08:30hrs to 21.45hrs.
- 2) Kosg-Kolon ,Seetha-kolon,Polp-kosg ccts tripped at 6:41 hrs causing 18 GSS and Sama PS to be dead. All effected GSS restored at 7:41 hrs and Sama Ps resumed generation at 7:17 hrs.