

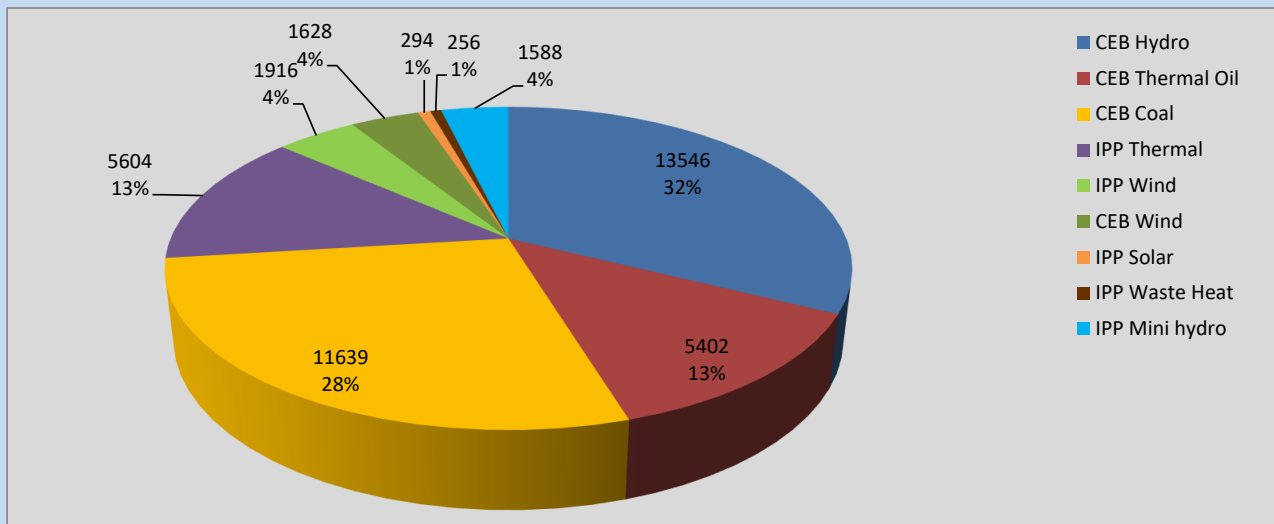
Generation and Reservoirs Statistics

June 24, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

41,873 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

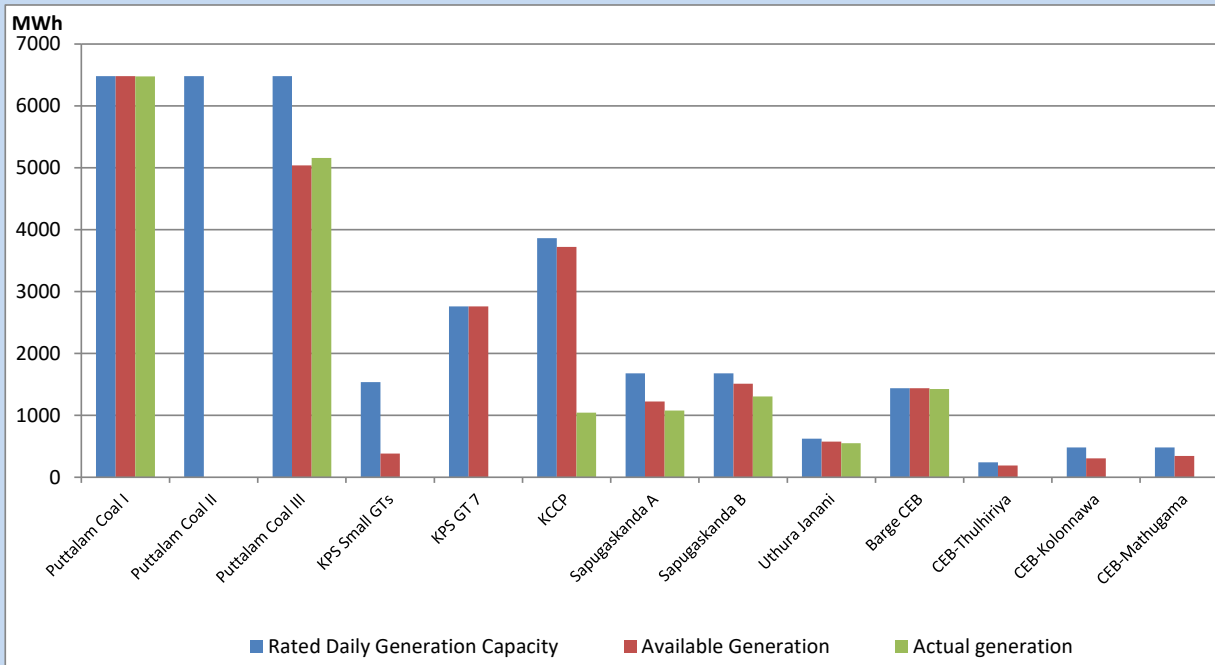
Category	Dispatch (GWh)	Percentage
CEB Hydro	361.94	37.37%
CEB Thermal Oil	44.76	4.62%
CEB Coal	392.06	40.48%
IPP Thermal	33.00	3.41%
SPP Wind	39.76	4.11%
CEB Wind	41.76	4.31%
SPP Solar	5.65	0.58%
SPP Solid Waste	5.62	0.58%
Mini Hydro	43.90	4.53%
Total	968.45	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,971.0	27.14%
CEB Thermal Oil	903.2	12.44%
CEB Coal	2,958.3	40.74%
IPP Thermal	841.5	11.59%
SPP Wind	140.7	1.94%
CEB Wind	158.5	2.18%
SPP Solar	44.7	0.62%
SPP Solid Waste	36.9	0.51%
Mini Hydro	207.6	2.86%
Total	7,262.2	

CEB owned Thermal Plant Dispatch

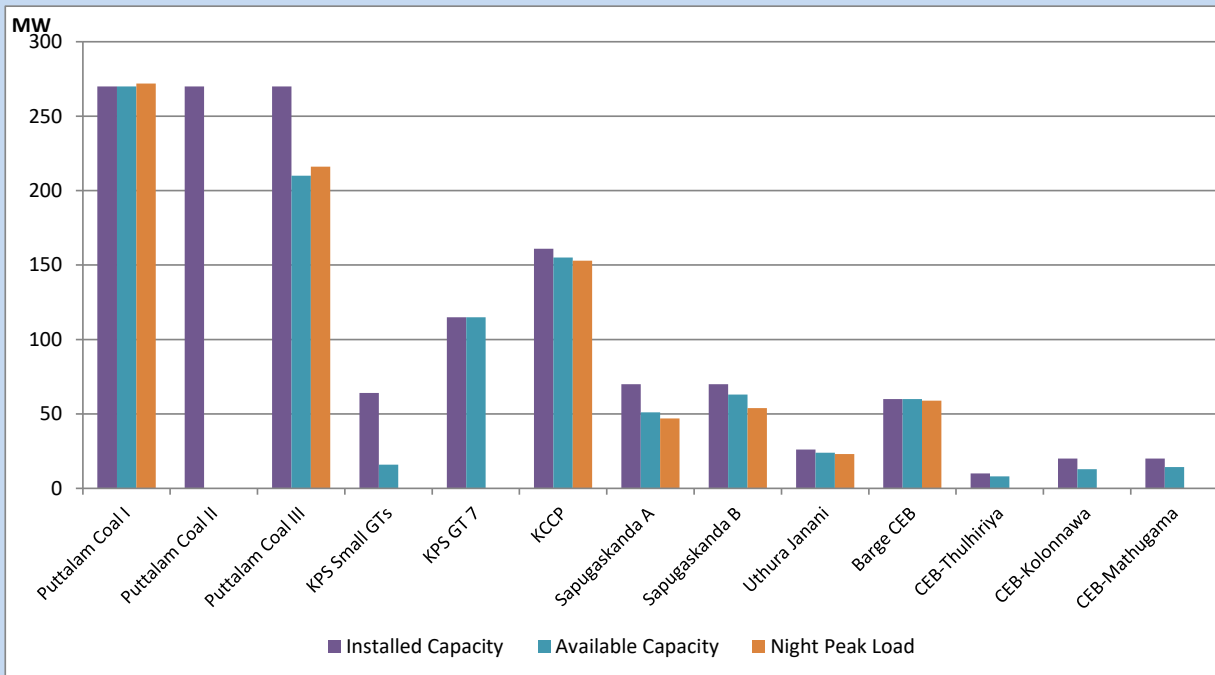
June 24, 2022



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

June 25, 2022

CEB owned Thermal Plant Loading at the Night Peak



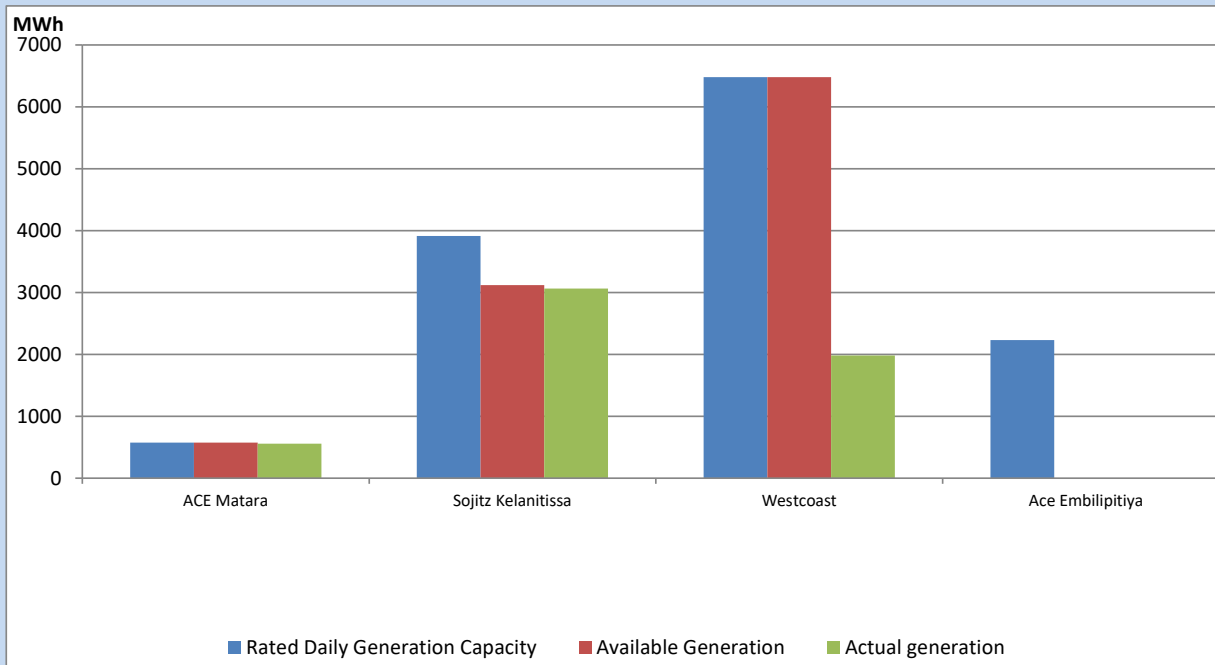
Note- Plant availability is recorded at 6.00 am on

June 25, 2022

IPP owned Thermal Plant Dispatch

June 24, 2022

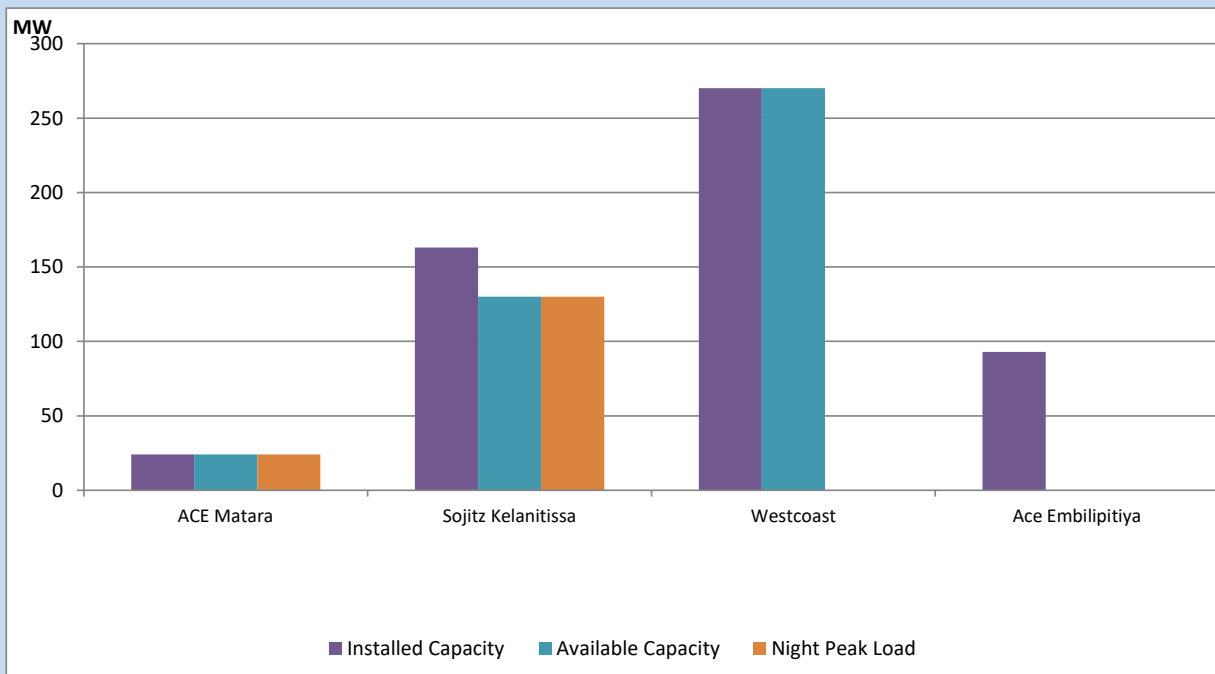
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 25, 2022

IPP owned Thermal Plant Loading at the Night Peak

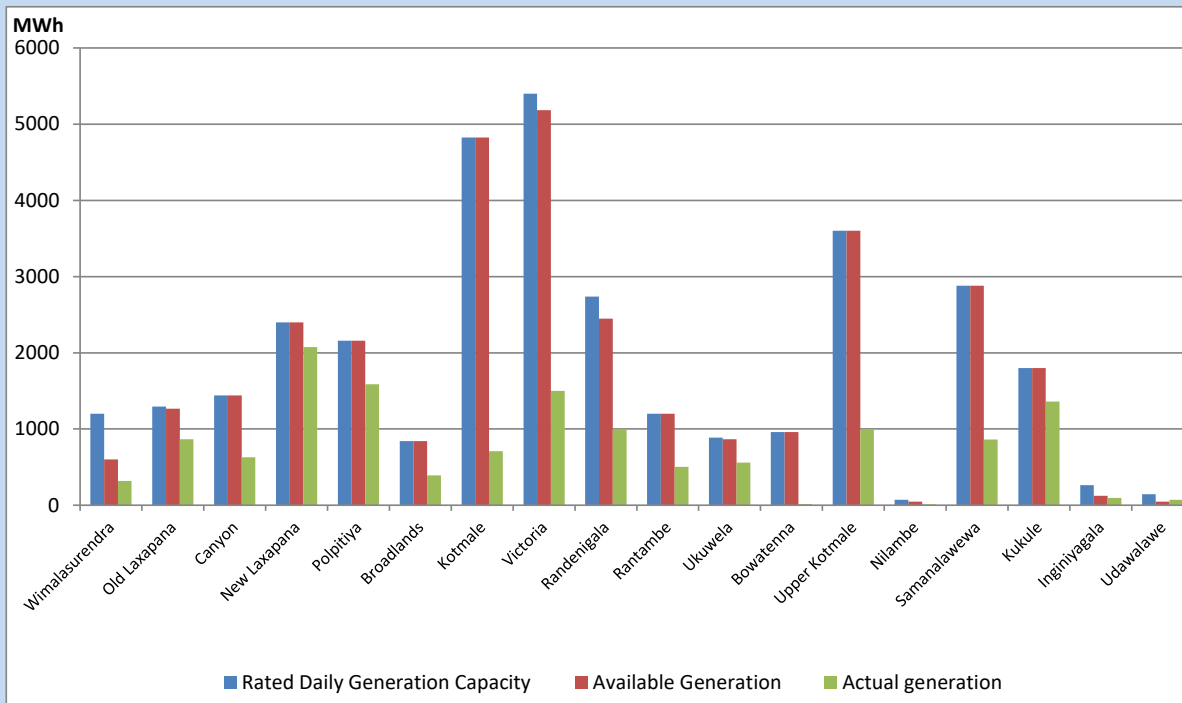


Note- Plant availability is recorded at 6.00 am on

June 25, 2022

Major Hydro Plant Dispatch

June 24, 2022

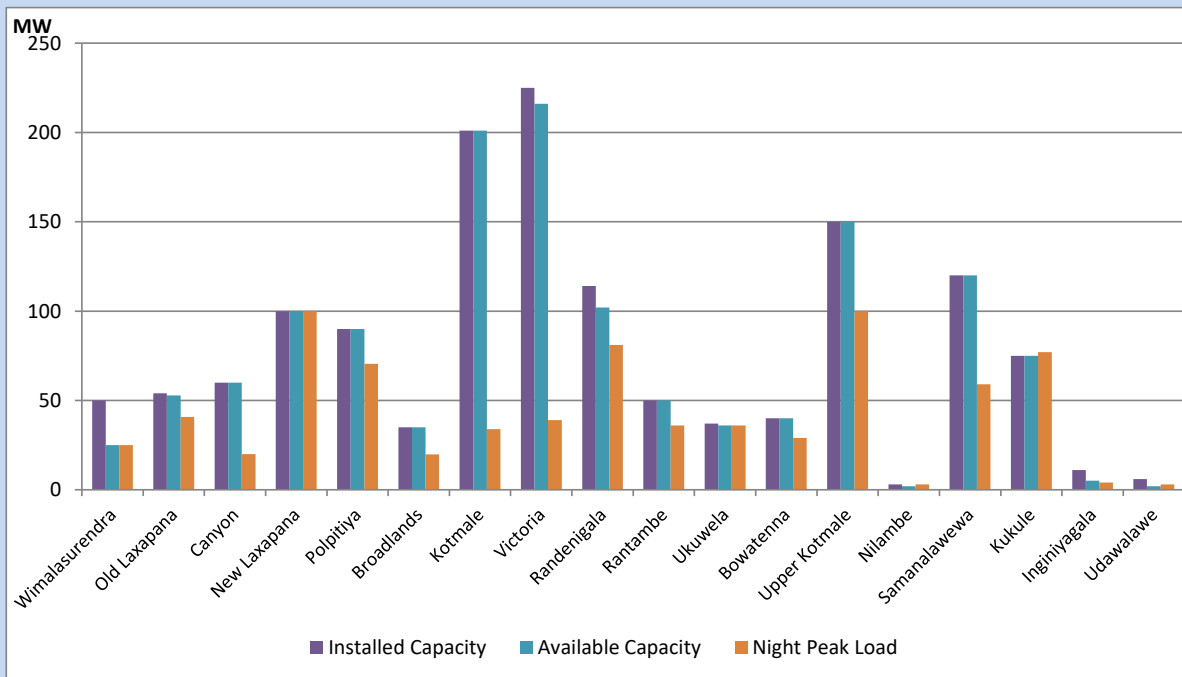


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

June 25, 2022

Major Hydro Plant Loading at Night Peak

June 24, 2022



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

June 25, 2022

Summary of Major Plant performance

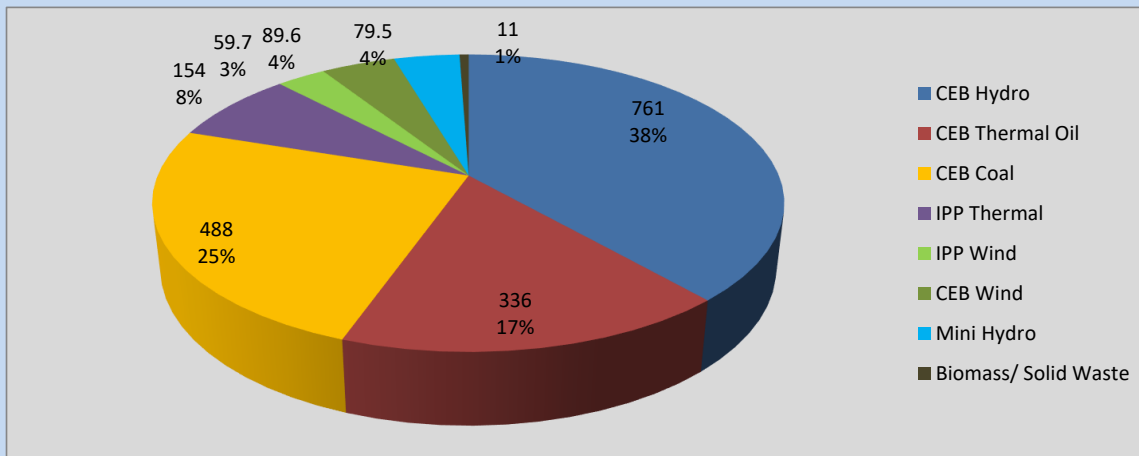
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	317
Old Laxapana	54	53	41	866
Canyon	60	60	20	630
New Laxapana	100	100	100	2,076
Polpitiya	90	90	71	1,587
Broadlands	35	35	20	391
Kotmale	201	201	34	710
Victoria	225	216	39	1,500
Randenigala	114	102	81	1,000
Rantambe	50	50	36	502
Ukuwela	37	36	36	560
Bowatenna	40	40	29	15
Upper Kotmale	150	150	100	991
Nilambe	3	2	3	12
Samanalawewa	120	120	59	863
Kukule	75	75	77	1,360
Inginiyagala	11	5	4	96
Udawalawe	6	2	3	70
Puttalam Coal I	270	270	272	6,478
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	210	216	5,161
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	153	1,042
Sapugaskanda A	70	51	47	1,078
Sapugaskanda B	70	63	54	1,305
Uthura Janani	26	24	23	549
Barge CEB	60	60	59	1,428
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	14	0	0
ACE Matara	24	24	24	558
Sojitz Kelanitissa	163	130	130	3,063
West Coast	270	270	0	1,983
ACE Embilipitiya	93	0	0	0
Total	3,397	2,785	1,995	41,873

Plant availability is the availability recorded at 6 am on

June 25, 2022

Contribution to the Night Peak in MW

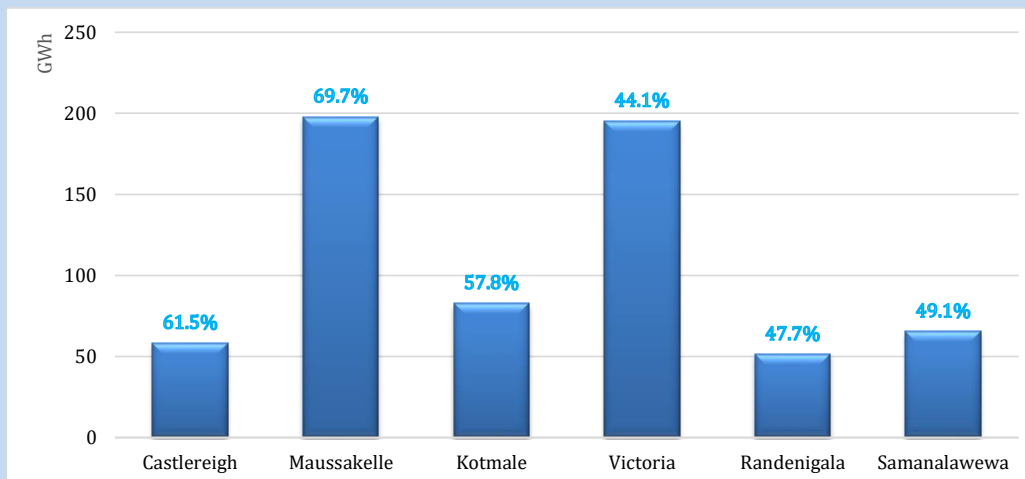
June 24, 2022



Night Peak*	1,979.0 MW
Day Peak	2,107.5 MW
Minimum Demand	1,347.0 MW

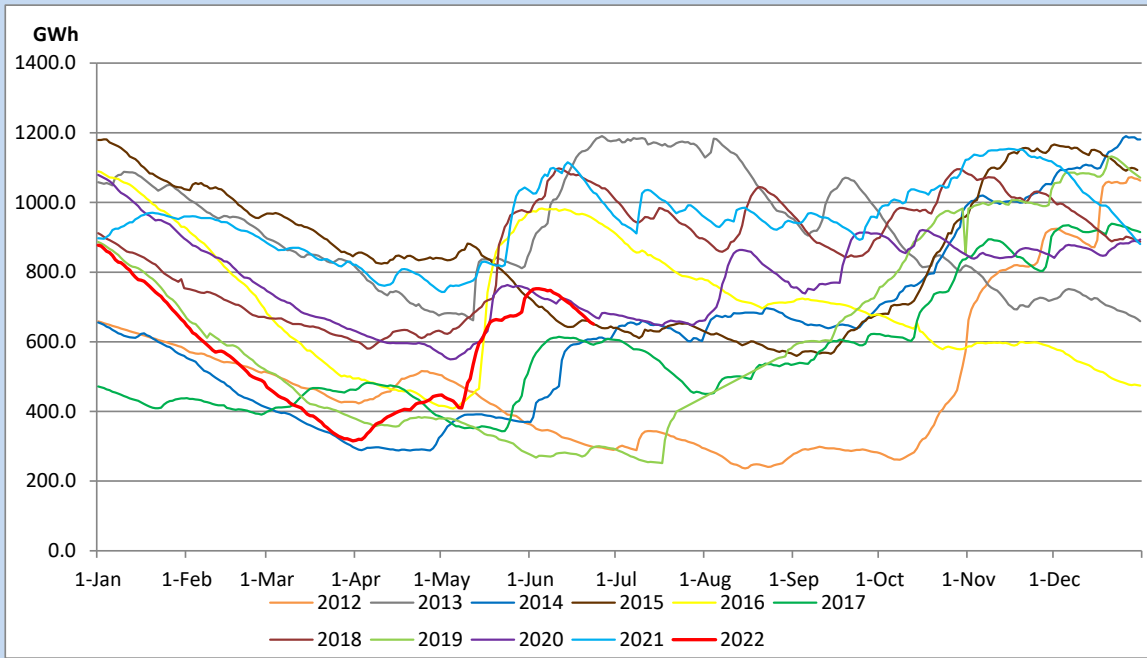
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on June 25, 2022

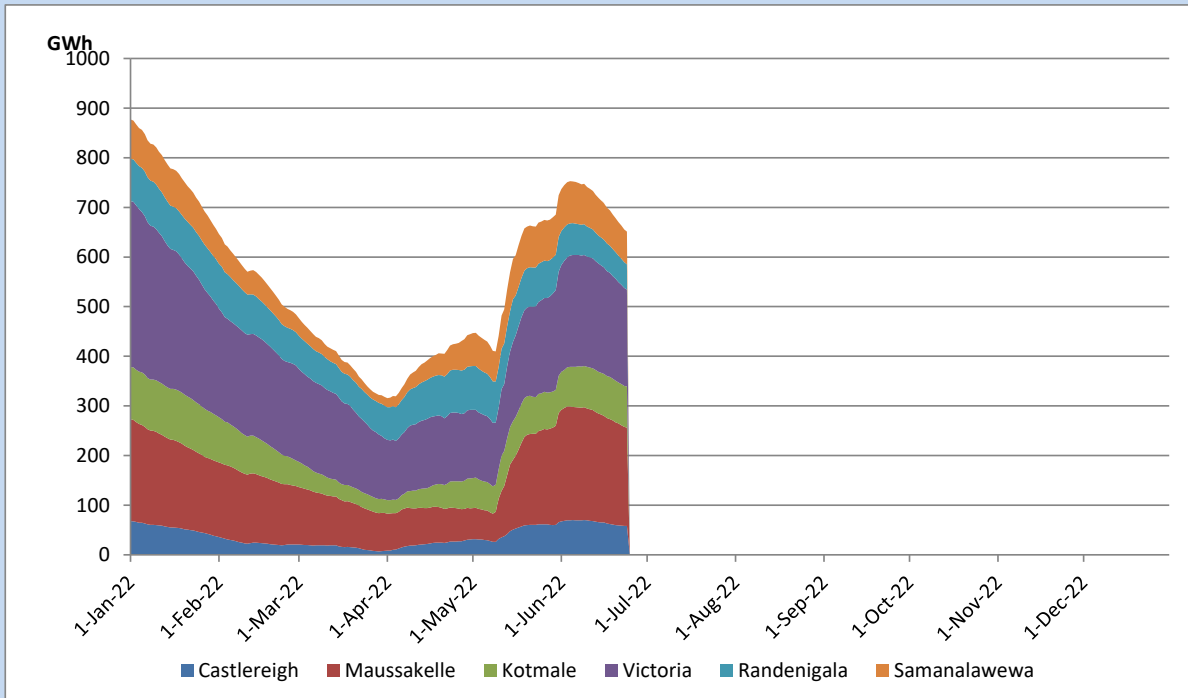


Total Reservoir Level	651 GWh
% of Total capacity	54.0%

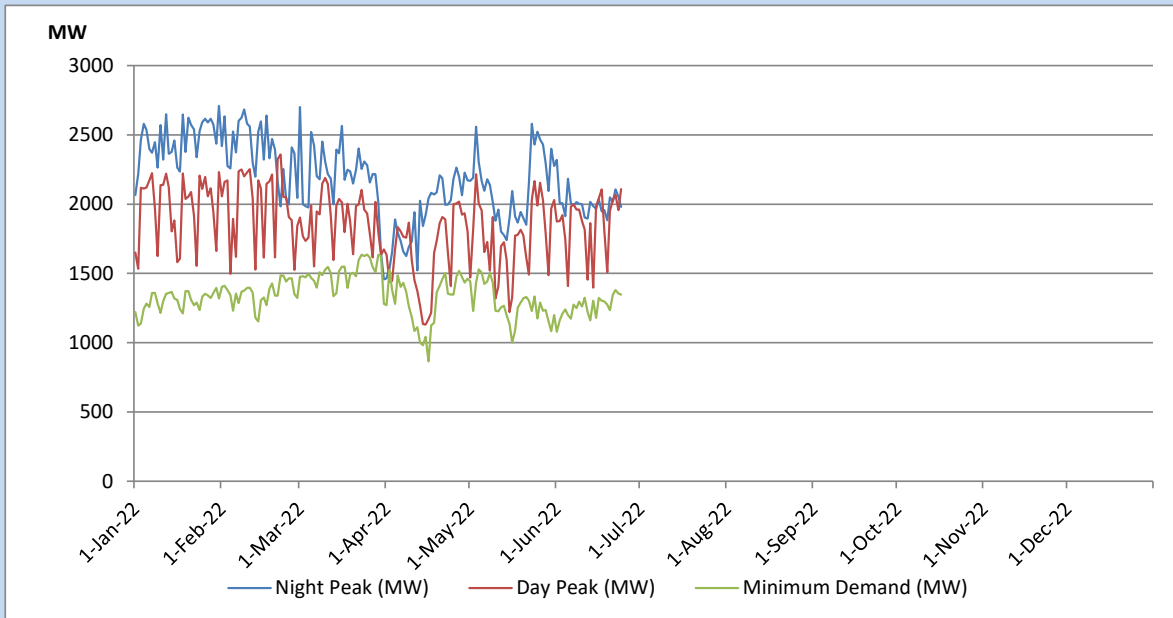
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

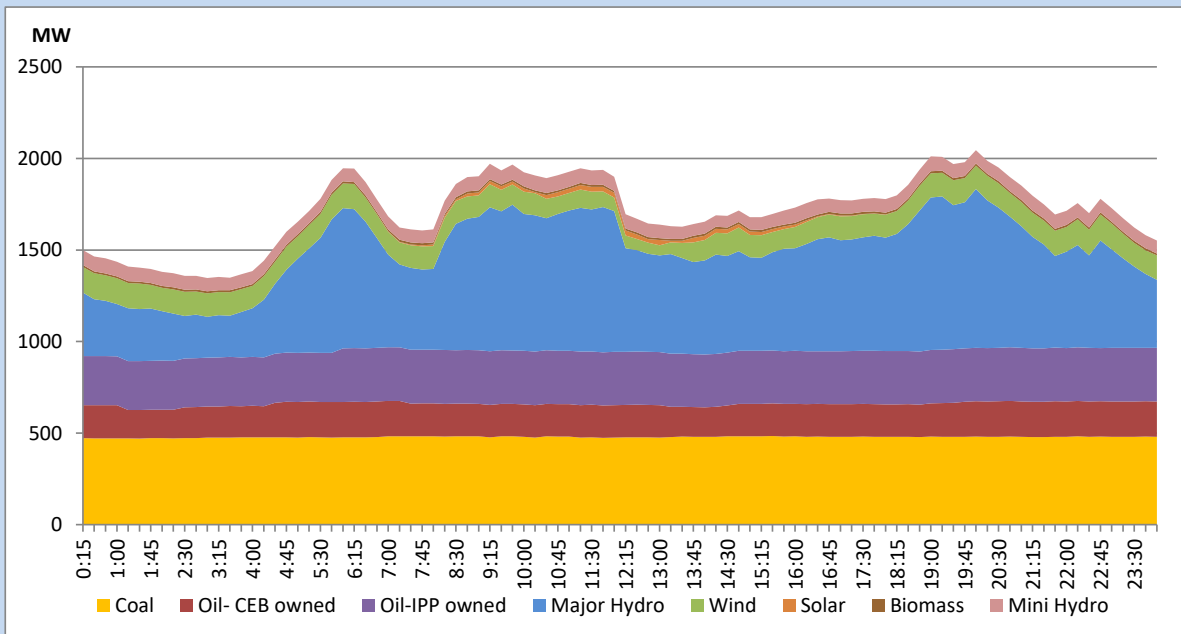


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

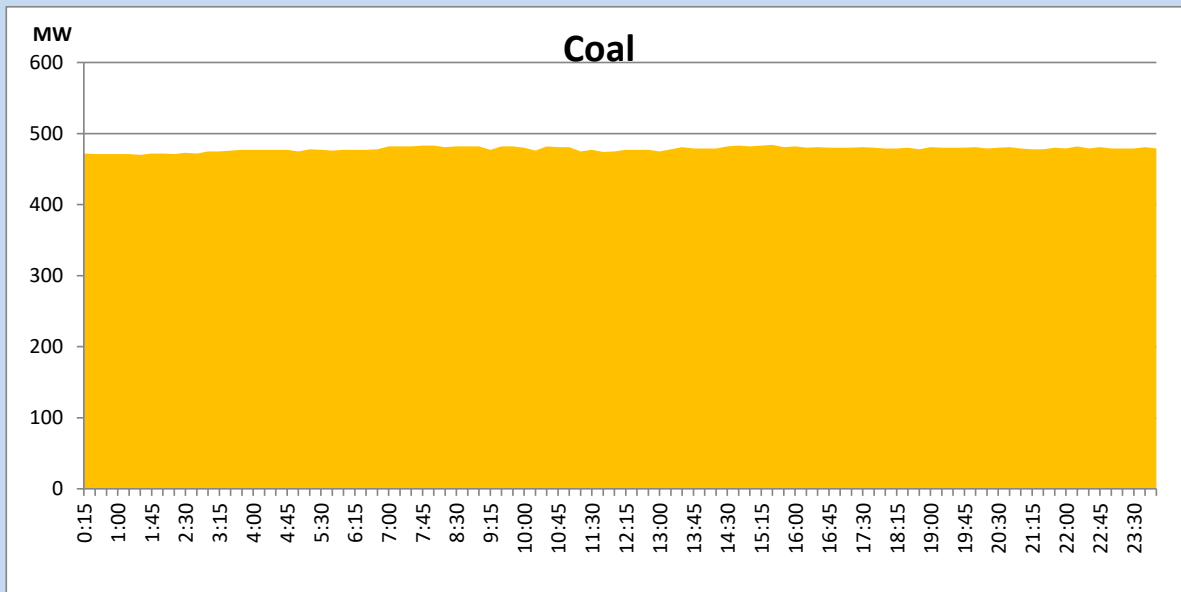
June 23, 2022

Solar and wind data is based on Telemetered Power Stations only



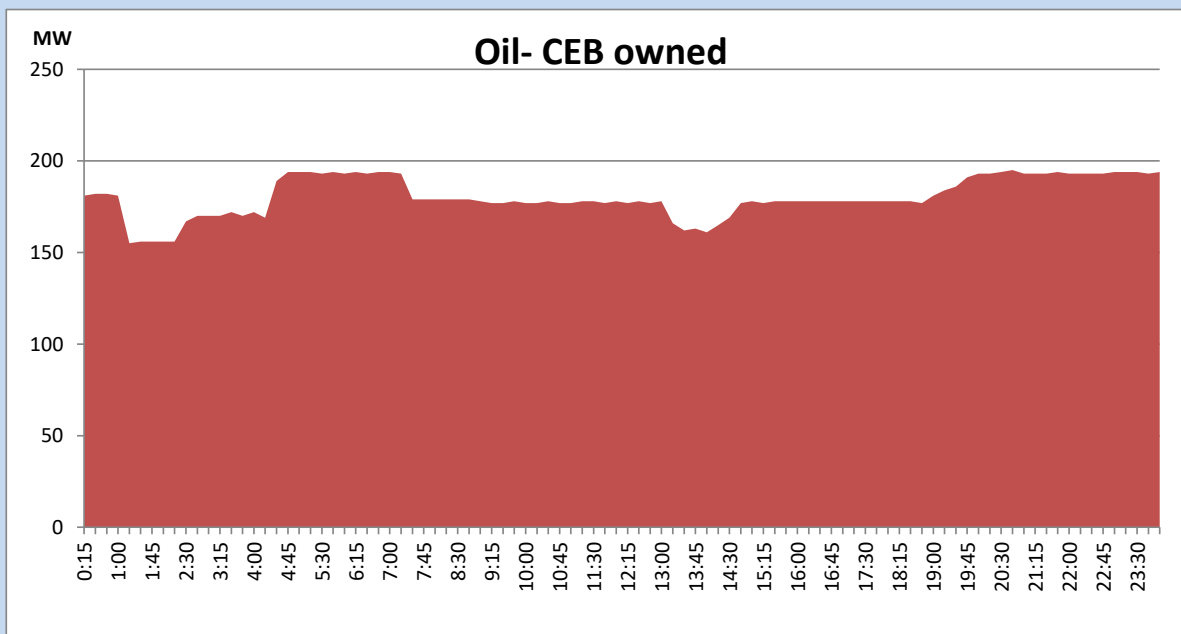
Coal Generation during the Previous day

June 23, 2022



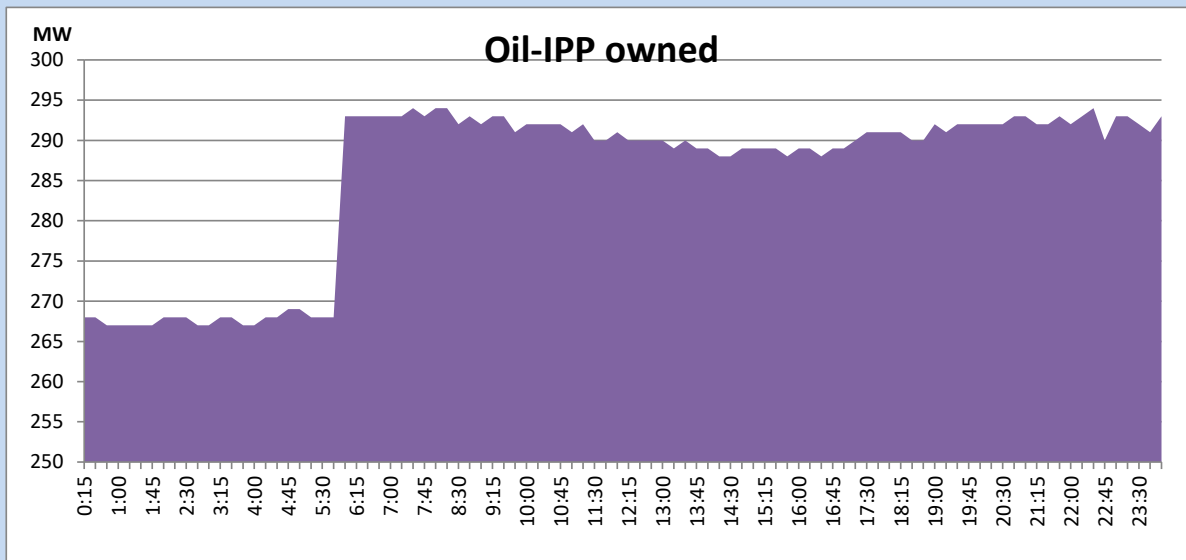
CEB Oil Plant Generation during the Previous day

June 23, 2022



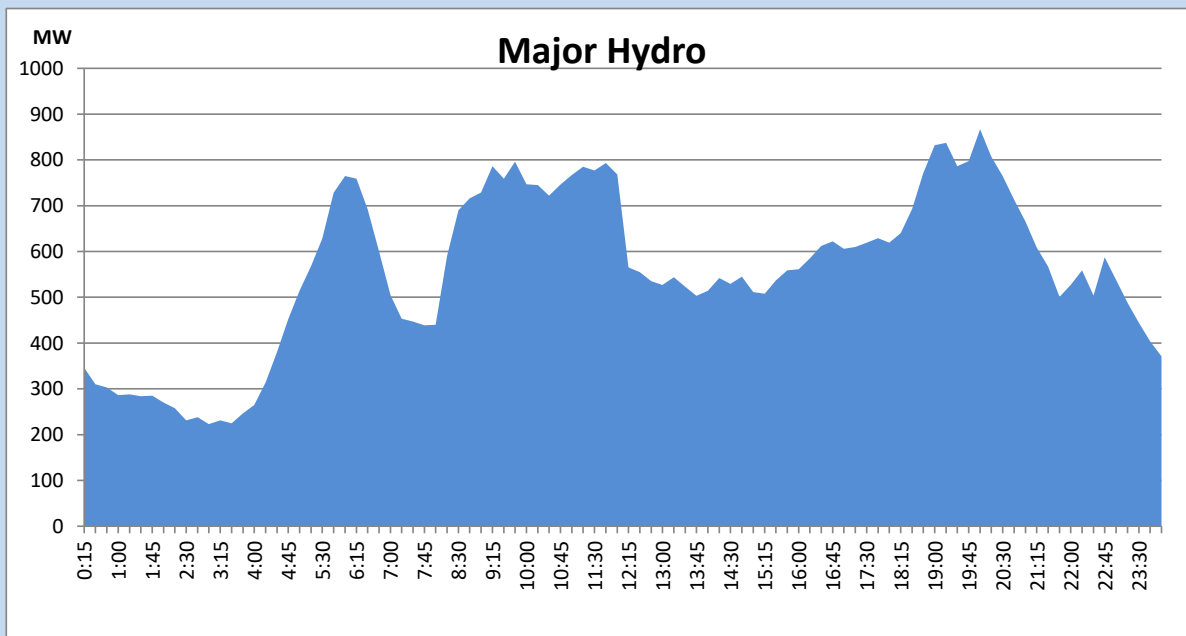
IPP Oil Plant Generation during the Previous day

June 23, 2022



Major Hydro Generation during the Previous day

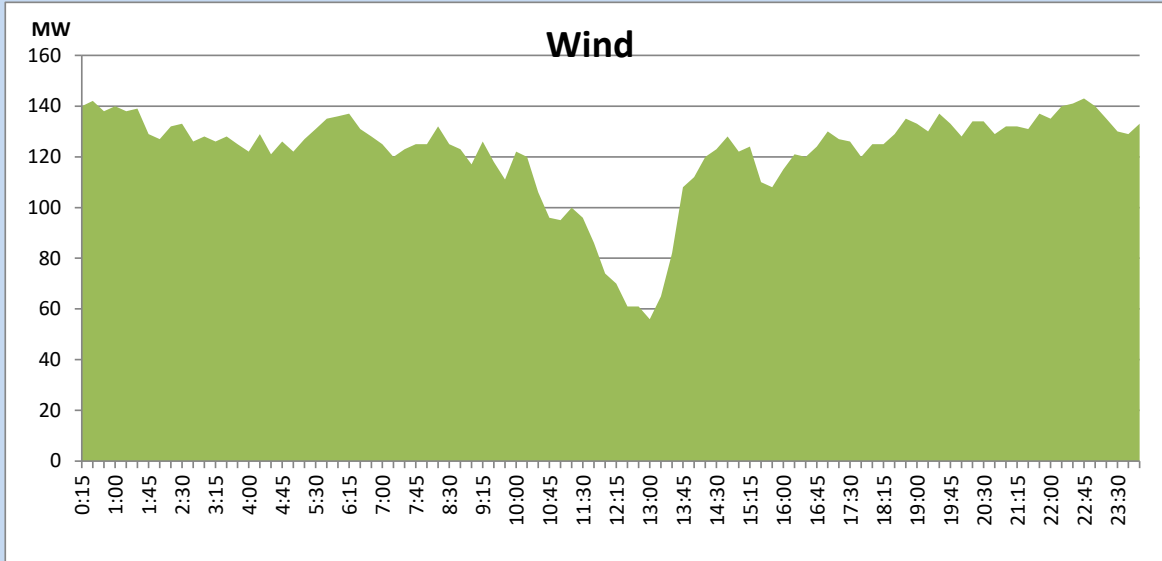
June 23, 2022



Wind Generation during the Previous day

June 23, 2022

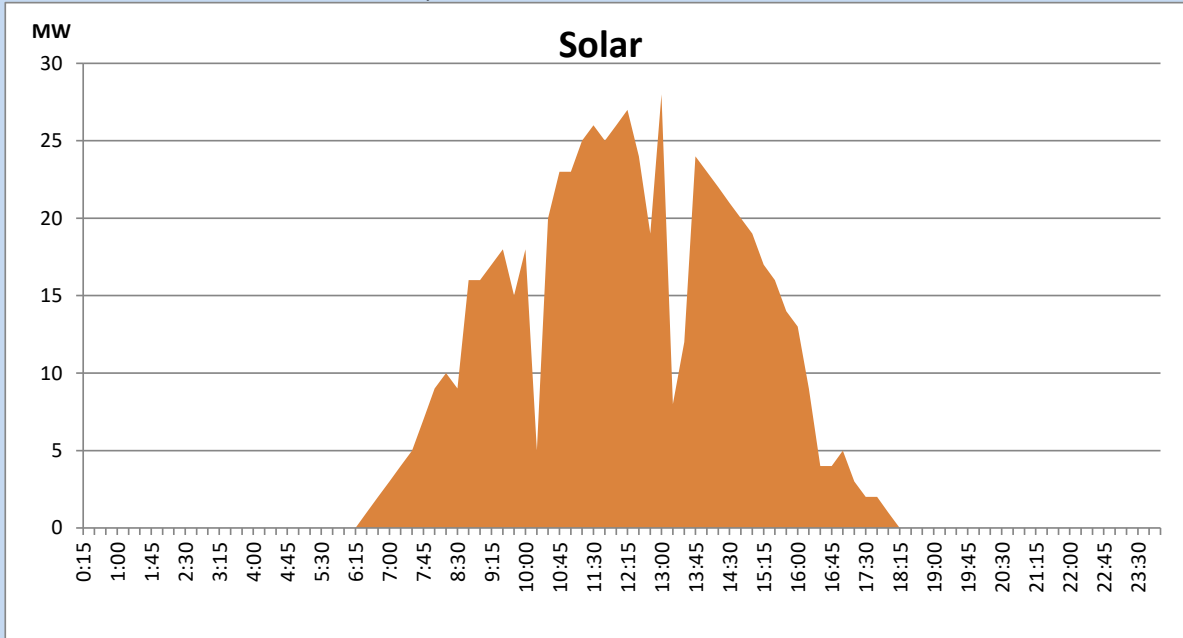
Based on Telemetered Power Stations only



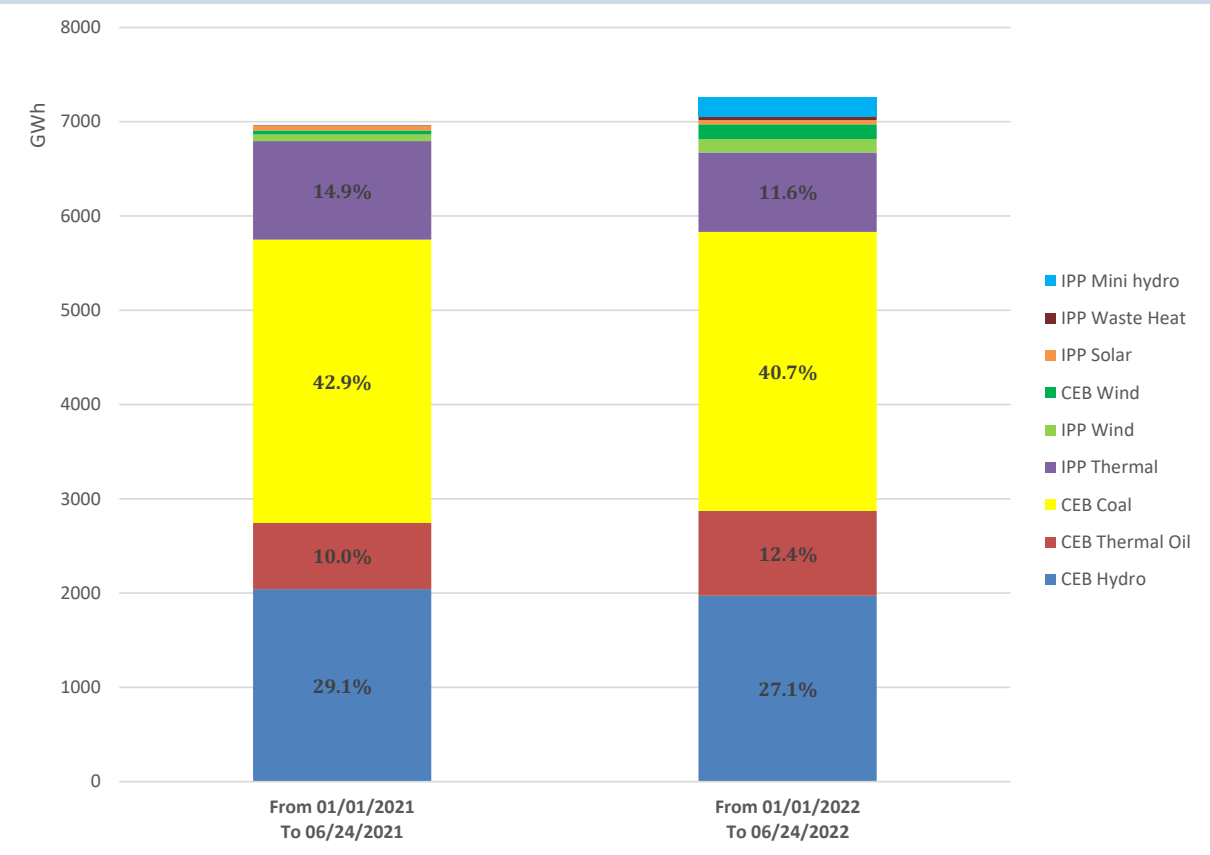
Solar Generation during the Previous day

June 23, 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 25, 2022

- 1) Rotational manual load shedding was carried out from 05:00hrs to 08:00hrs and from 12:00hrs to 22:00hrs.
- 2) Chilaw 132/33kV T/F-01 tripped at 7:50 hrs due to the operation of T/F differential protection. T/F energized at 8:58 hrs.