

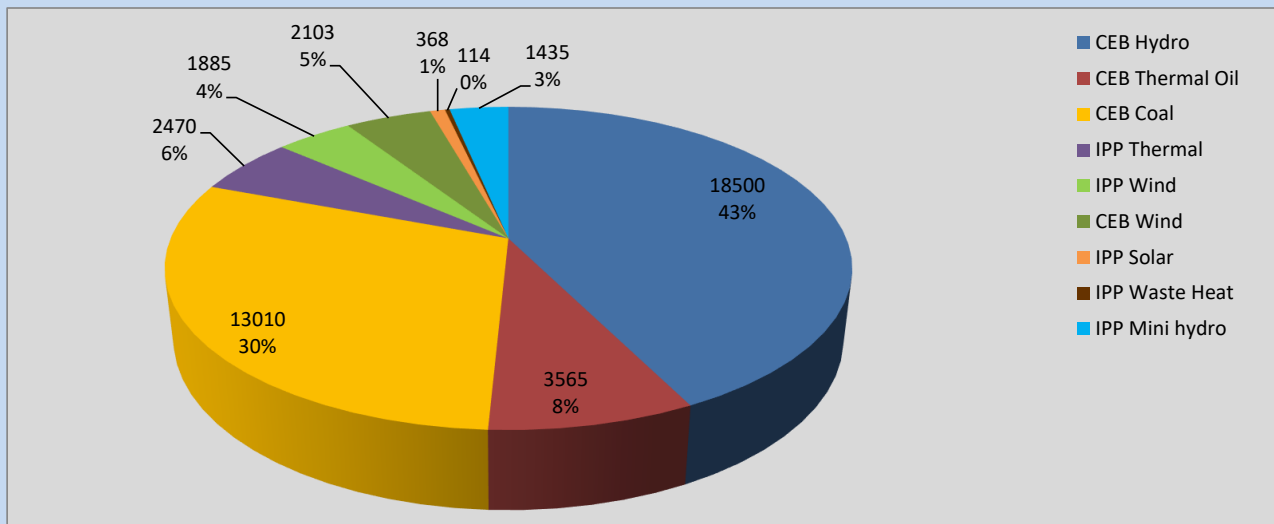
Generation and Reservoirs Statistics

September 22, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **43,450 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

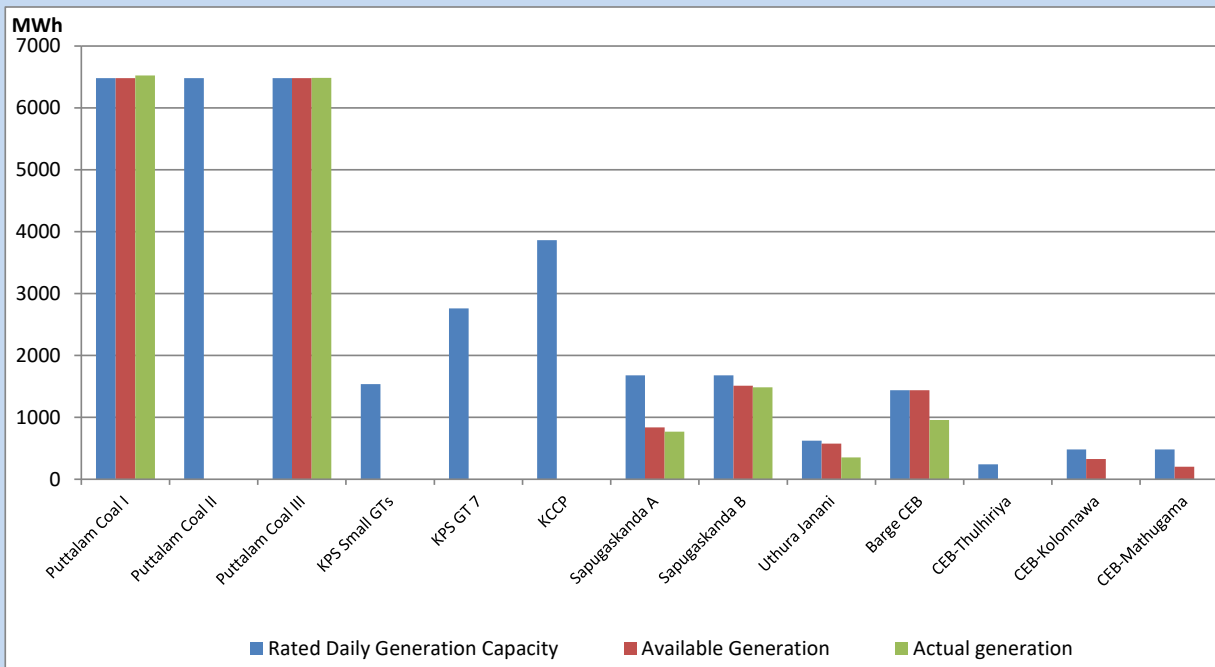
Category	Dispatch (GWh)	Percentage
CEB Hydro	425.39	49.20%
CEB Thermal Oil	30.48	3.53%
CEB Coal	251.03	29.04%
IPP Thermal	16.97	1.96%
SPP Wind	39.37	4.55%
CEB Wind	49.00	5.67%
SPP Solar	6.77	0.78%
SPP Solid Waste	4.57	0.53%
Mini Hydro	40.97	4.74%
Total	864.55	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	3,559.1	33.11%
CEB Thermal Oil	1,142.8	10.63%
CEB Coal	3,964.1	36.88%
IPP Thermal	1,043.9	9.71%
SPP Wind	270.2	2.51%
CEB Wind	295.1	2.75%
SPP Solar	69.0	0.64%
SPP Solid Waste	53.7	0.50%
Mini Hydro	351.0	3.27%
Total	10,748.7	

CEB owned Thermal Plant Dispatch

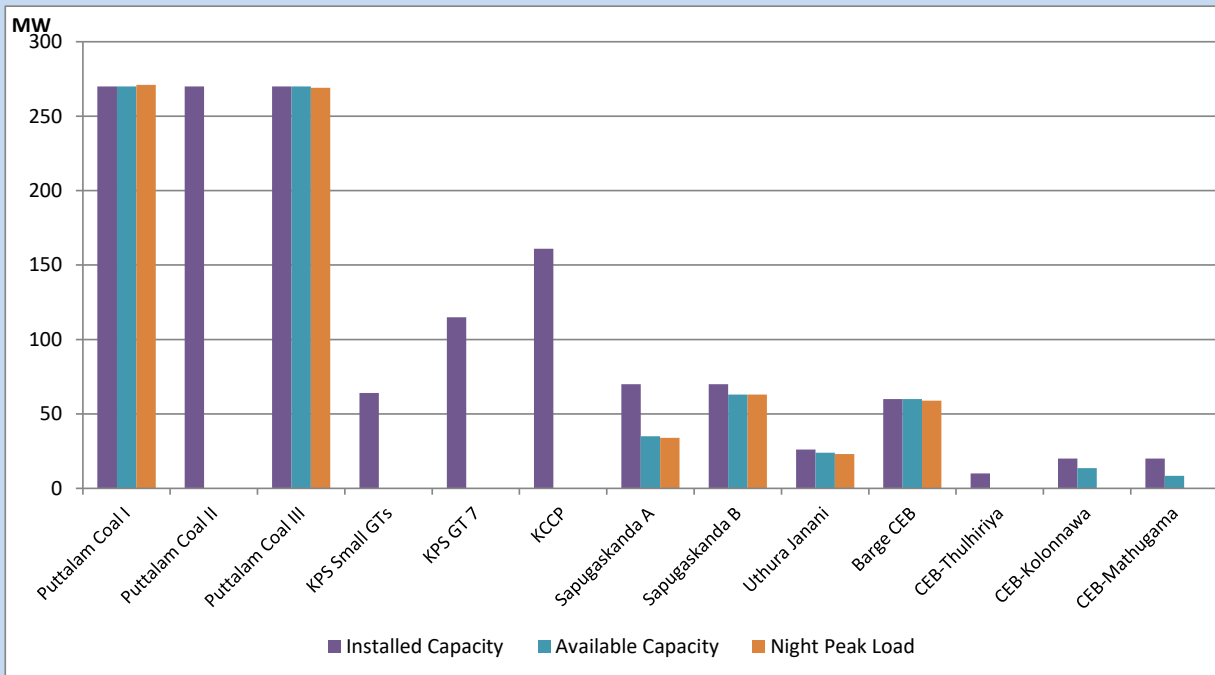
September 22, 2022



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

September 23, 2022

CEB owned Thermal Plant Loading at the Night Peak



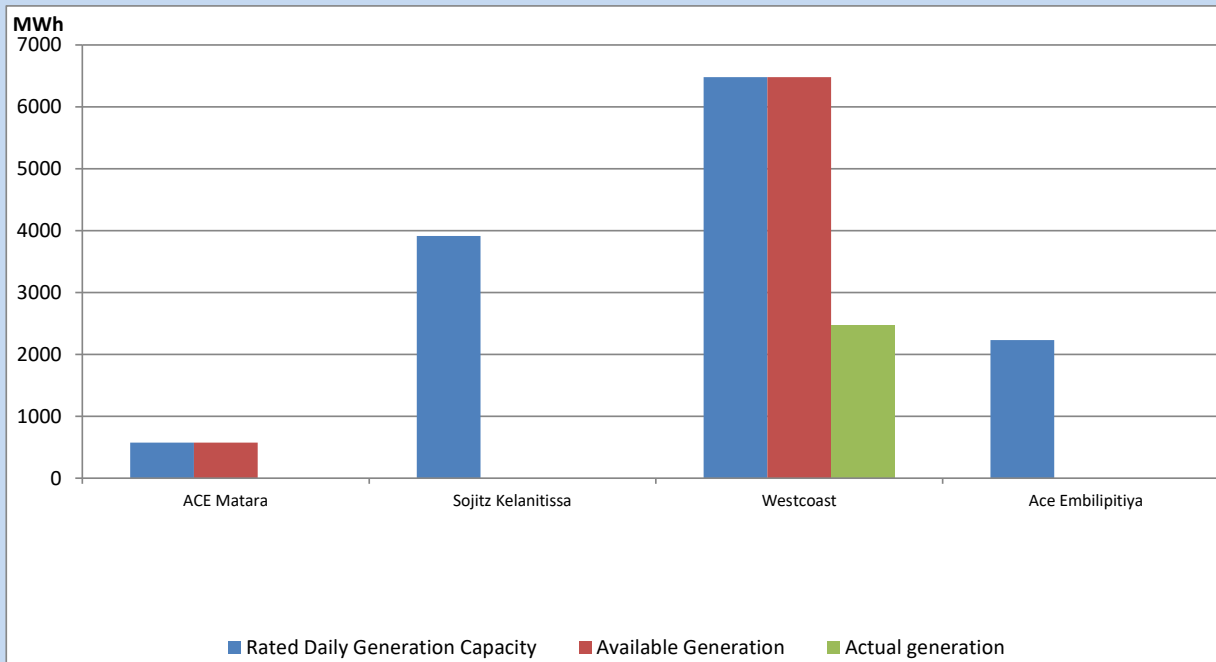
Note- Plant availability is recorded at 6.00 am on

September 23, 2022

IPP owned Thermal Plant Dispatch

September 22, 2022

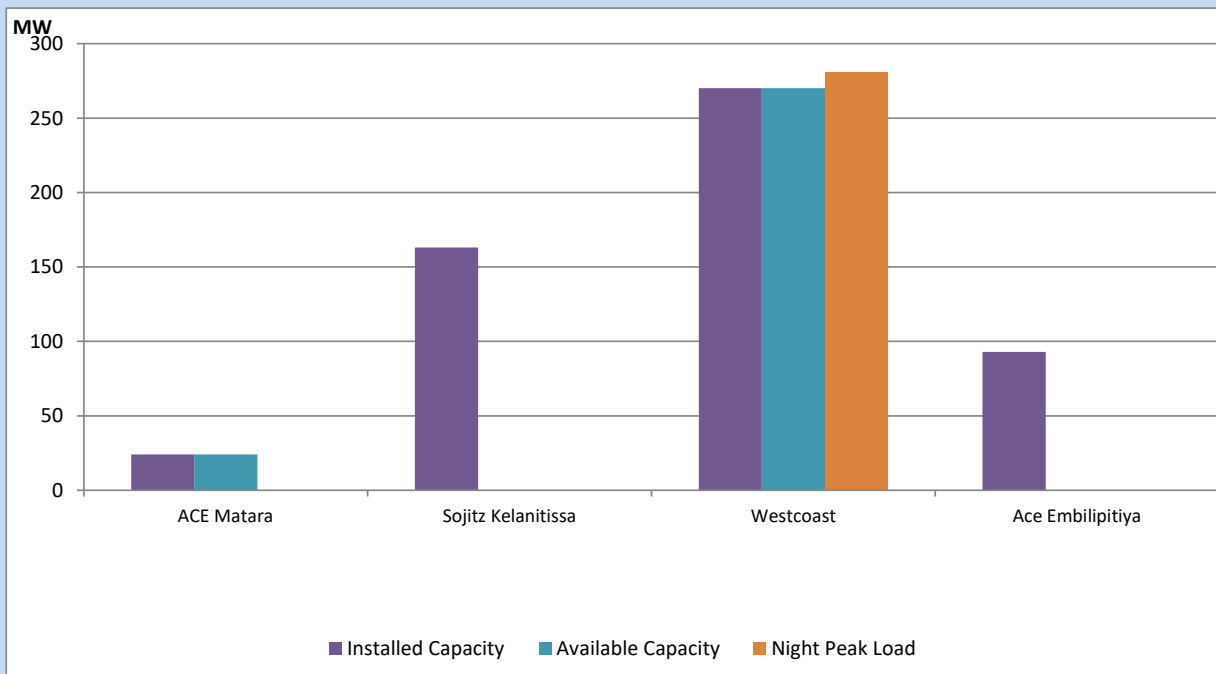
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

September 23, 2022

IPP owned Thermal Plant Loading at the Night Peak

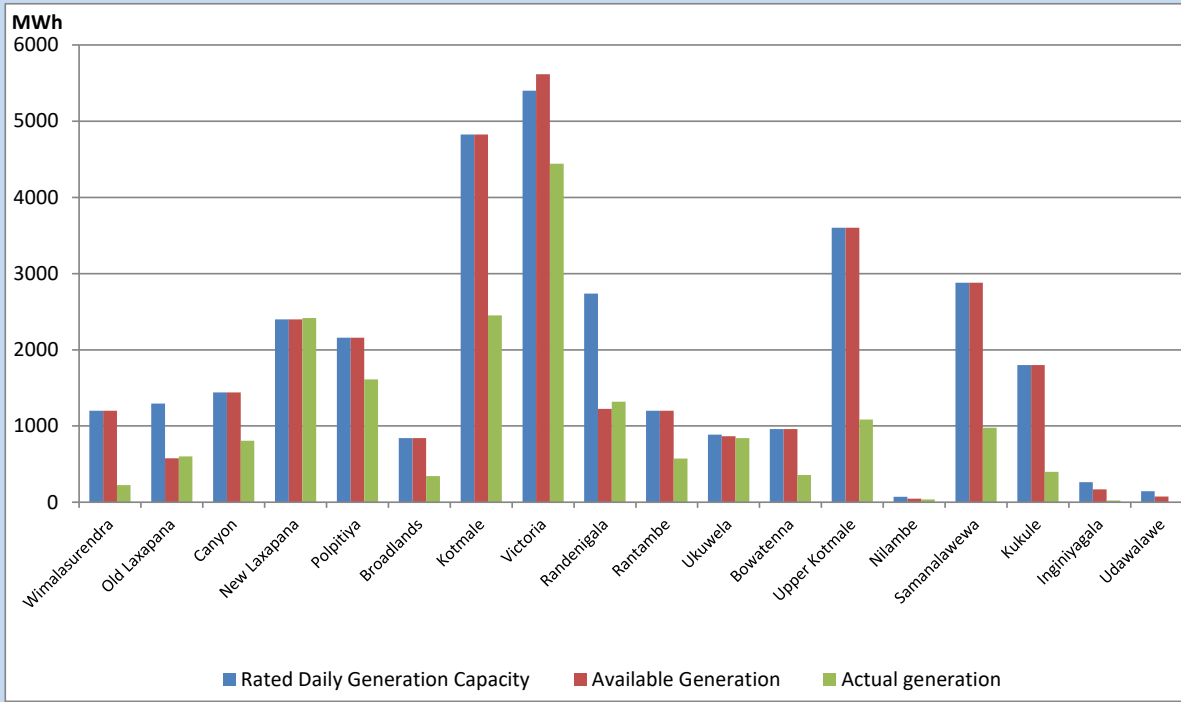


Note- Plant availability is recorded at 6.00 am on

September 23, 2022

Major Hydro Plant Dispatch

September 22, 2022

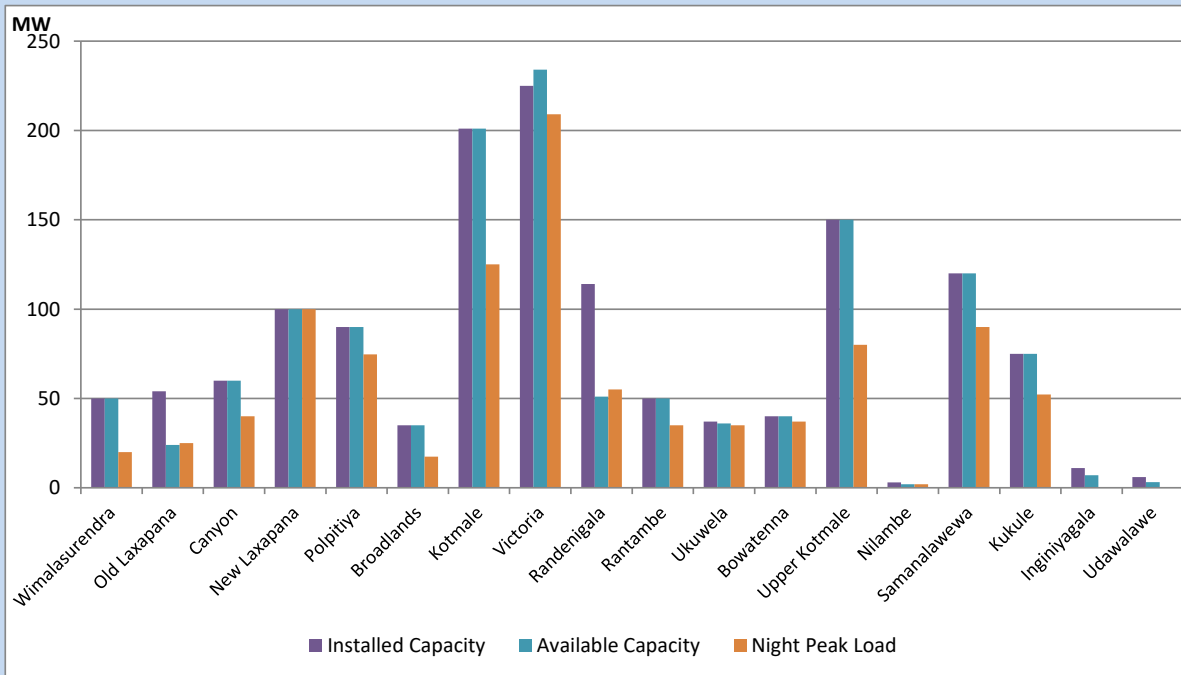


Available Generation is estimated based on plant availability at 6.00am on September 23, 2022
 Broadlands power plant is operating in the Commissioning Stage

September 23, 2022

Major Hydro Plant Loading at Night Peak

September 22, 2022



Note- Plant availability is recorded at 6.00 am on September 23, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

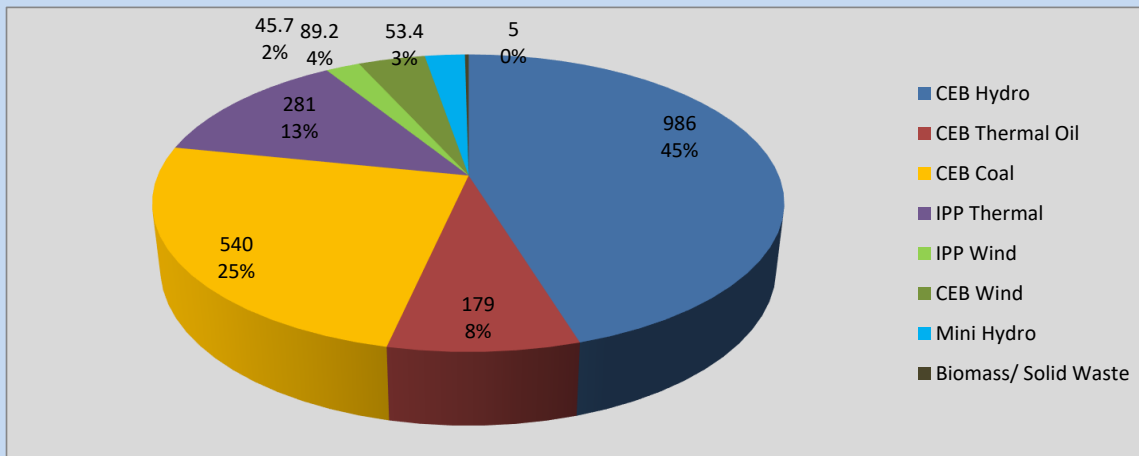
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	20	224
Old Laxapana	54	24	25	600
Canyon	60	60	40	805
New Laxapana	100	100	100	2,416
Polpitiya	90	90	75	1,611
Broadlands	35	35	17	344
Kotmale	201	201	125	2,450
Victoria	225	234	209	4,443
Randenigala	114	51	55	1,320
Rantambe	50	50	35	572
Ukuwela	37	36	35	841
Bowatenna	40	40	37	358
Upper Kotmale	150	150	80	1,084
Nilambe	3	2	2	35
Samanalawewa	120	120	90	978
Kukule	75	75	52	398
Inginiyagala	11	7	0	21
Udawalawe	6	3	0	0
Puttalam Coal I	270	270	271	6,523
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	270	269	6,487
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	35	34	770
Sapugaskanda B	70	63	63	1,486
Uthura Janani	26	24	23	352
Barge CEB	60	60	59	957
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	14	0	0
CEB-Mathugama	20	8	0	0
ACE Matara	24	24	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	281	2,470
ACE Embilipitiya	93	0	0	0
Total	3,397	2,366	2,191	43,450

Plant availability is the availability recorded at 6 am on

September 23, 2022

Contribution to the Night Peak in MW

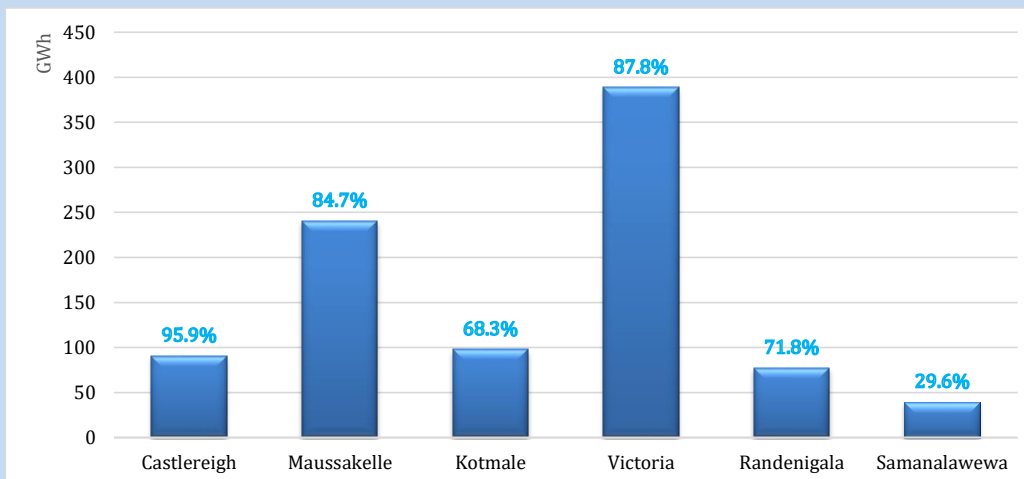
September 22, 2022



Night Peak*	2,179.5 MW
Day Peak	2,054.4 MW
Minimum Demand	1,362.6 MW

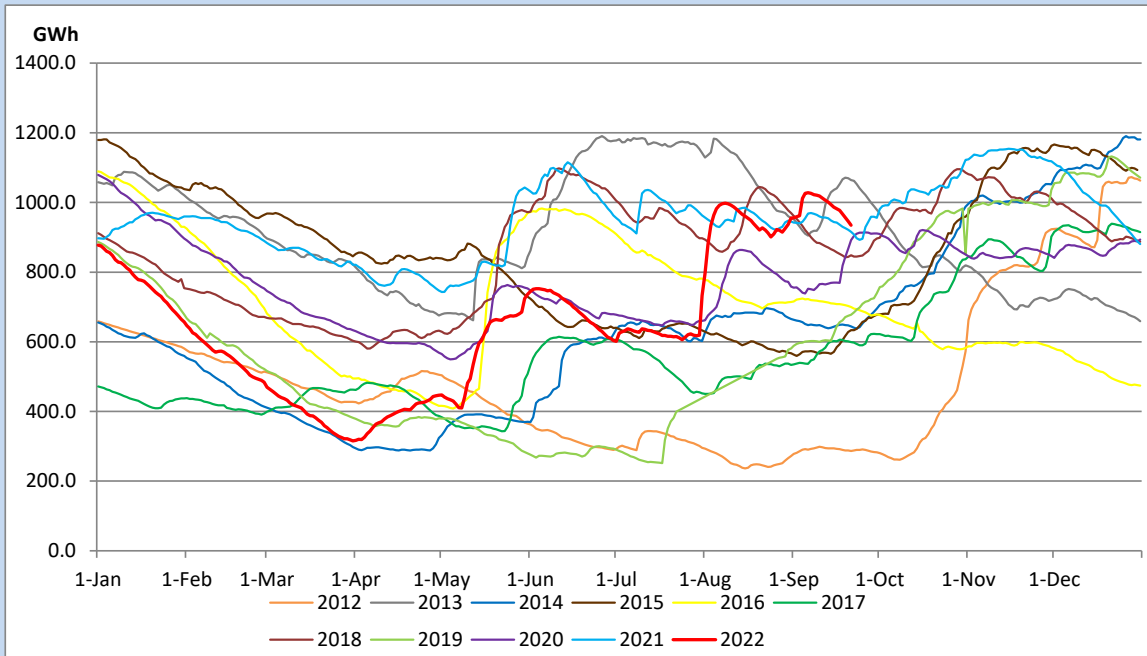
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on September 23, 2022

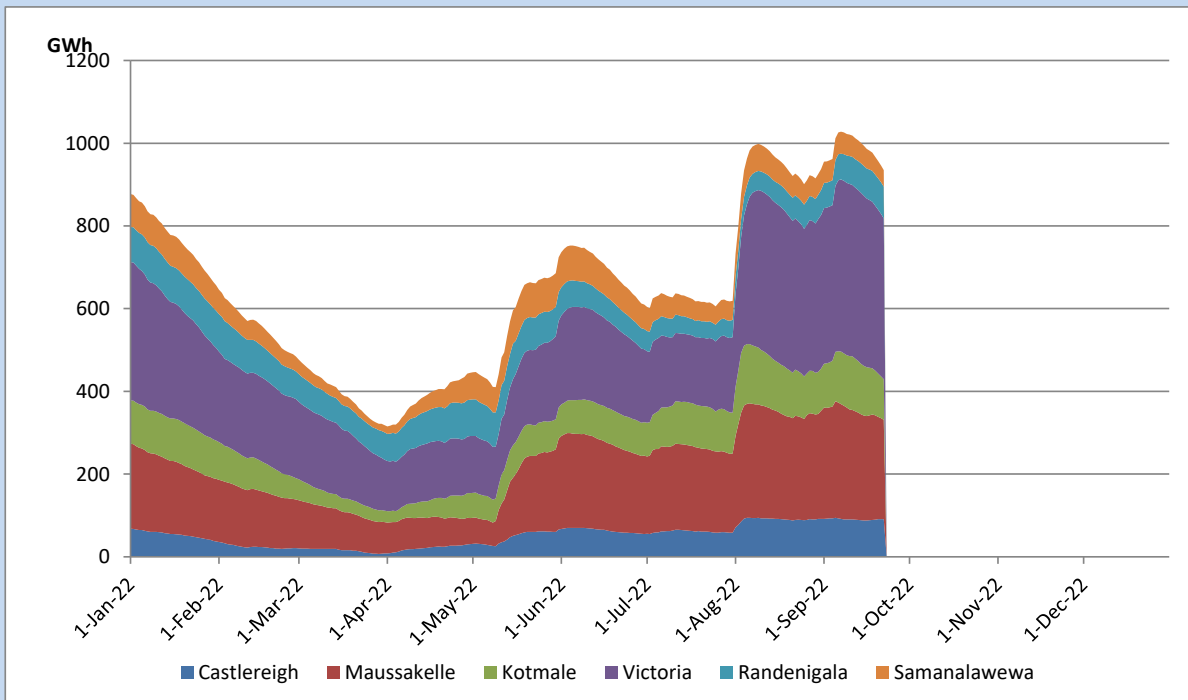


Total Reservoir Level	934.6 GWh
% of Total capacity	77.5%

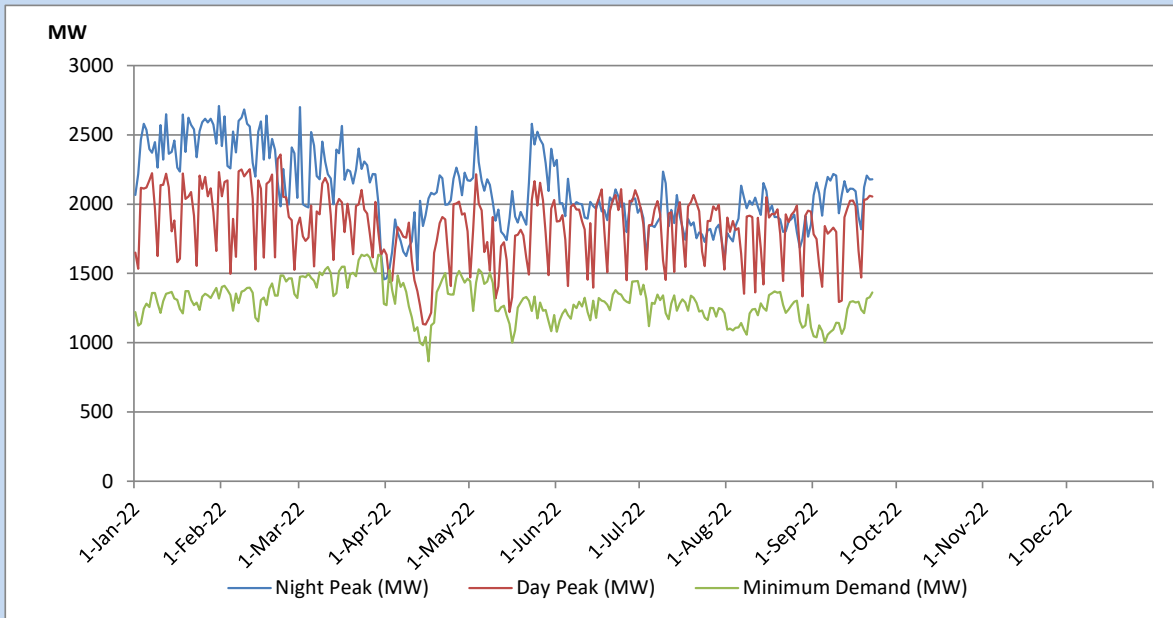
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

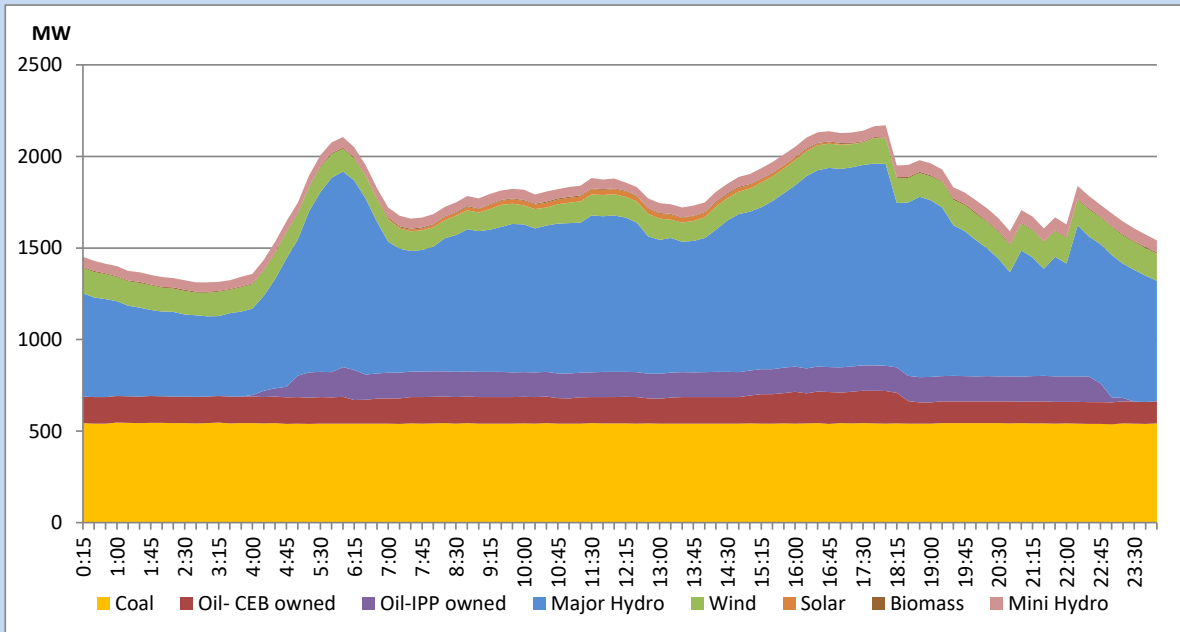


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

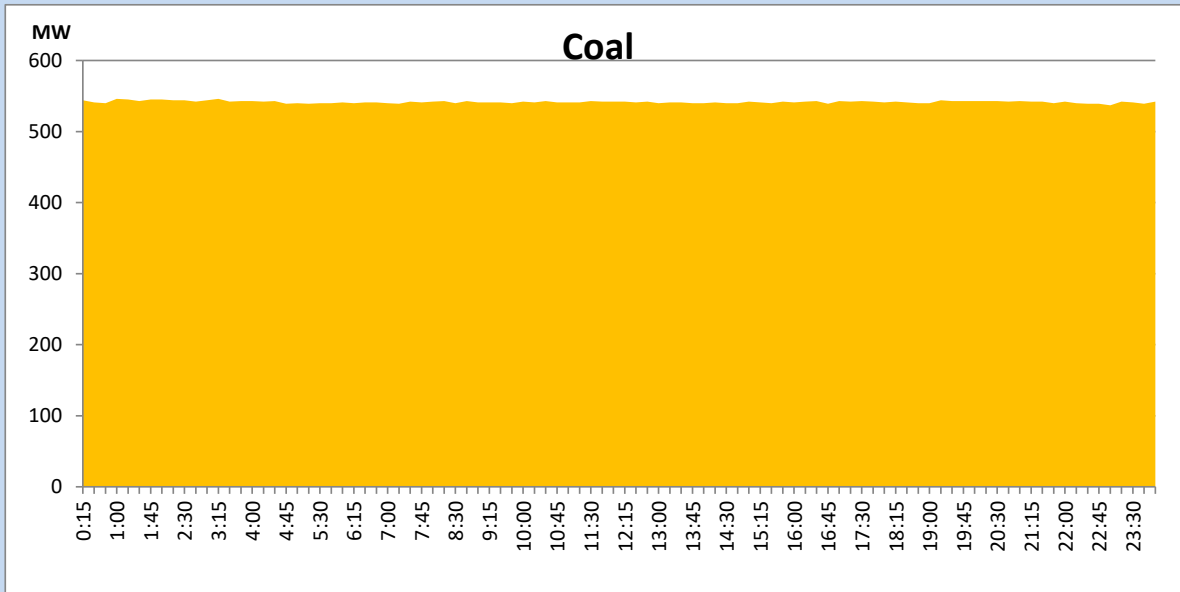
September 21, 2022

Solar and wind data is based on Telemetered Power Stations only



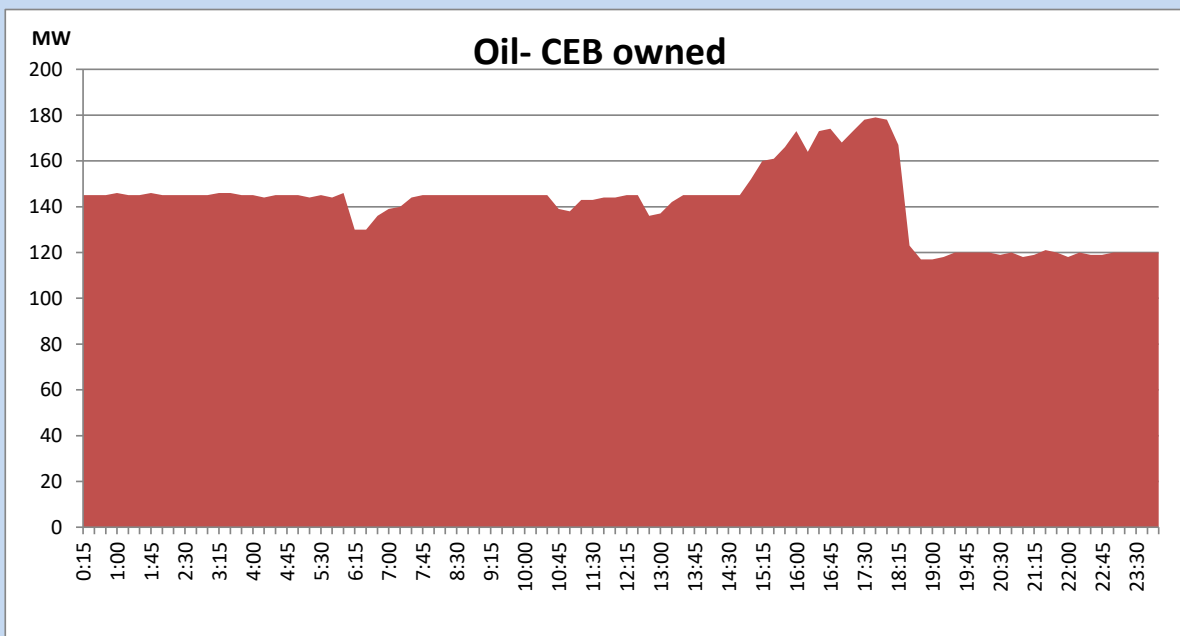
Coal Generation during the Previous day

September 21, 2022



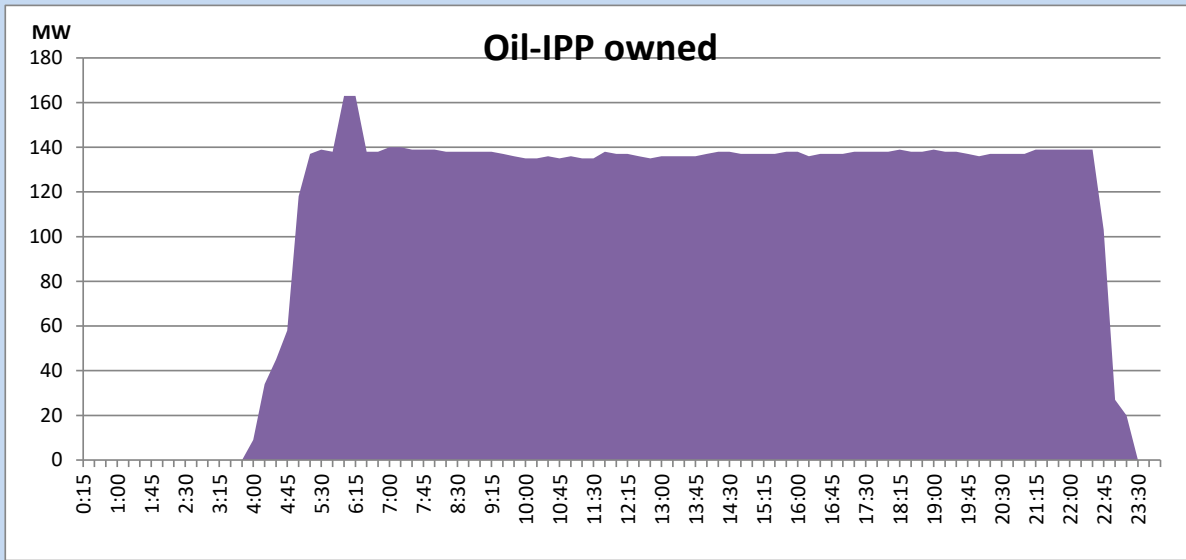
CEB Oil Plant Generation during the Previous day

September 21, 2022



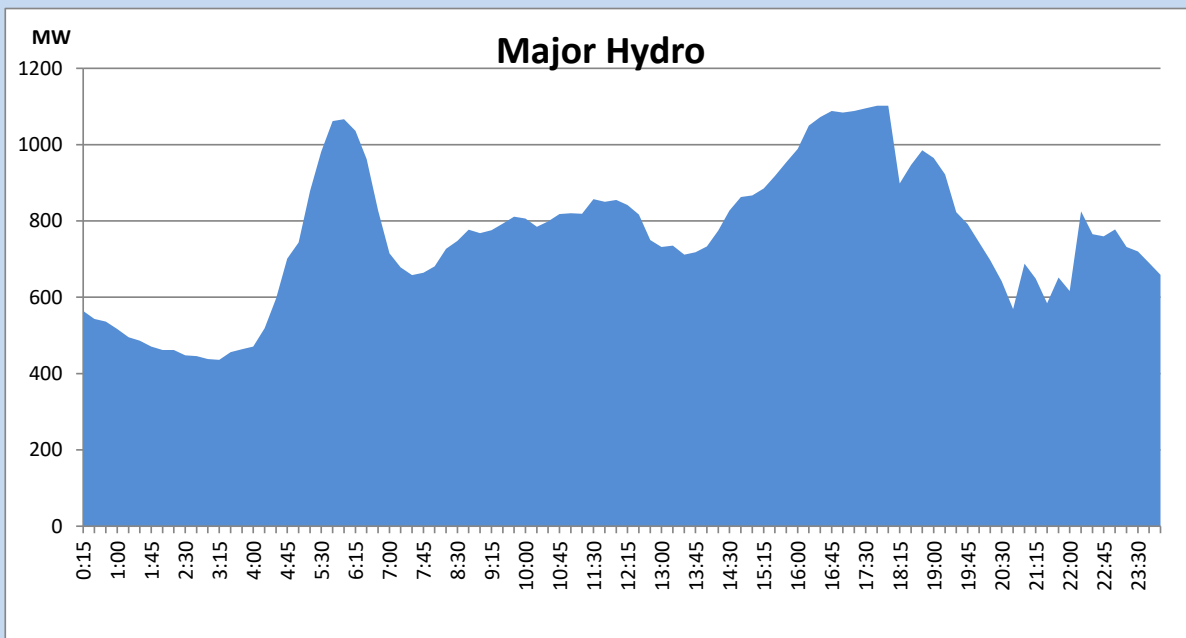
IPP Oil Plant Generation during the Previous day

September 21, 2022



Major Hydro Generation during the Previous day

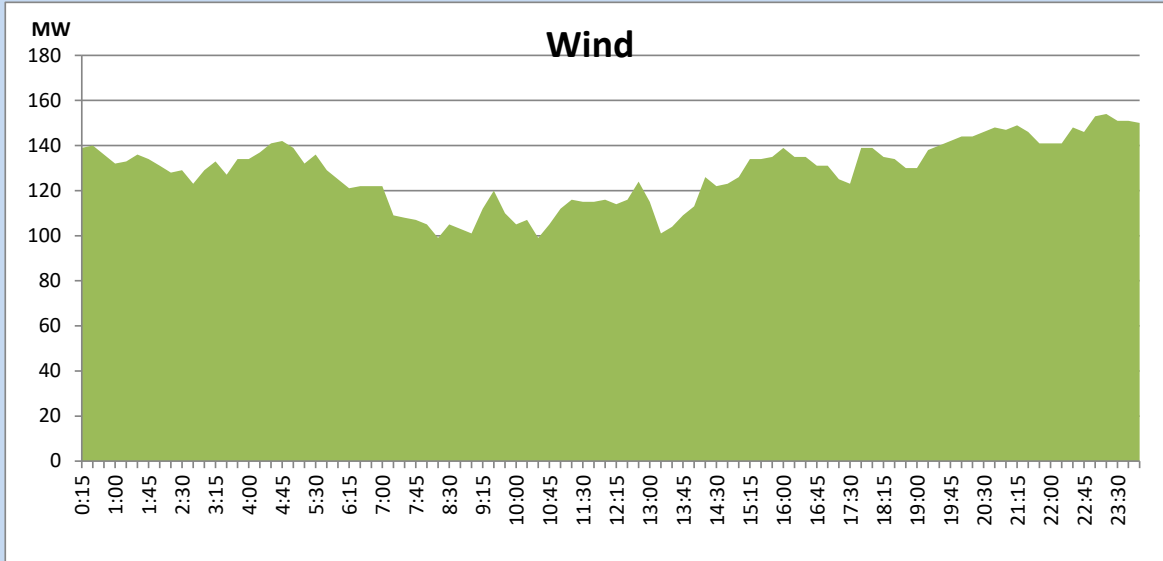
September 21, 2022



Wind Generation during the Previous day

September 21, 2022

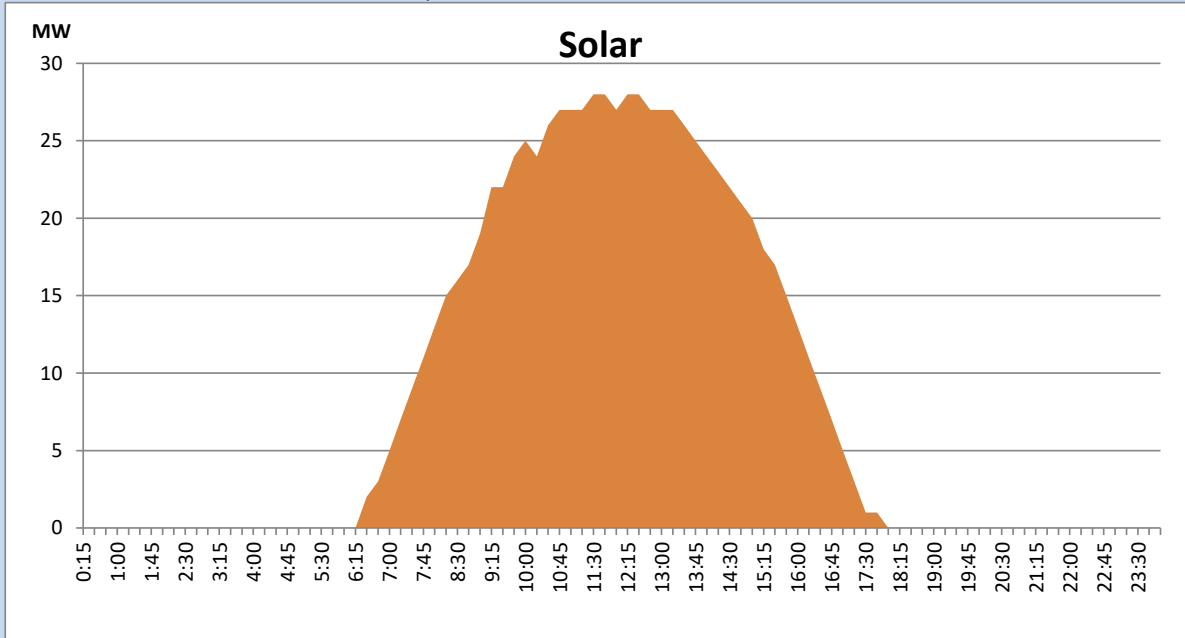
Based on Telemetered Power Stations only



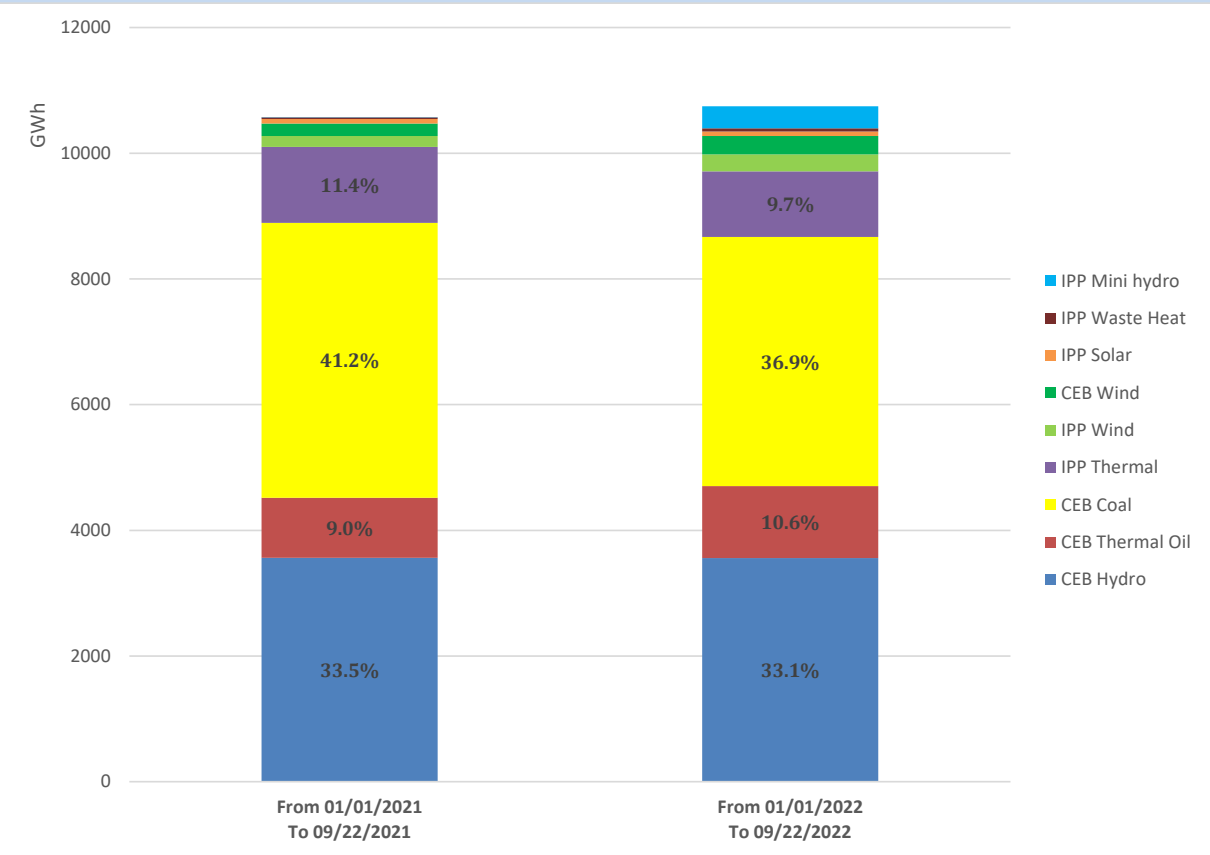
Solar Generation during the Previous day

September 21, 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

September 23, 2022

- 1) Rotational manual load shedding was carried out from 18:00hrs to 22:00hrs.