

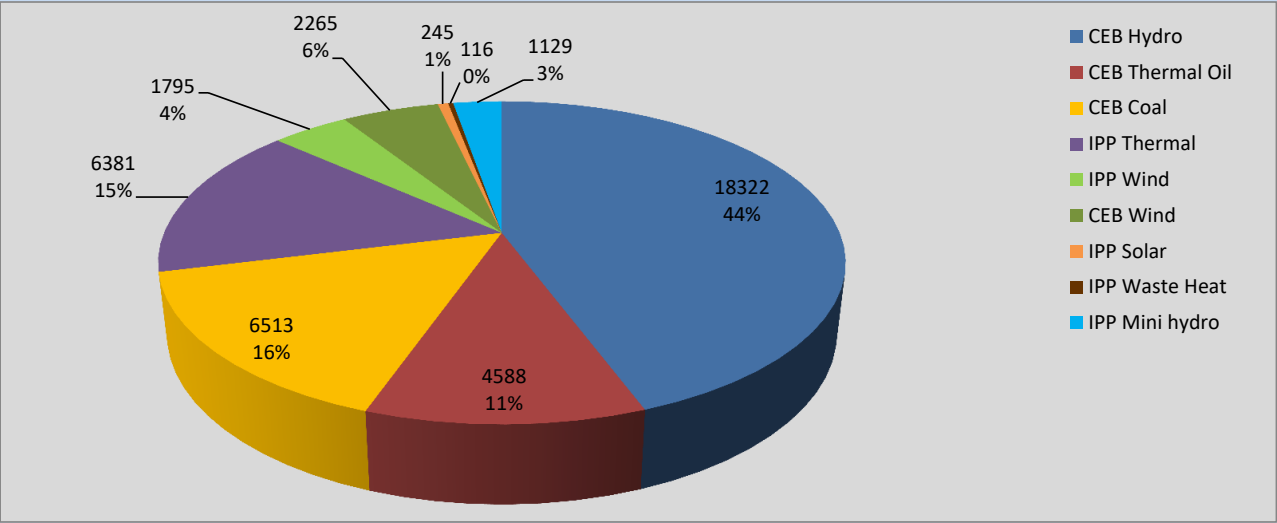
Generation and Reservoirs Statistics

August 17, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation 41,354 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

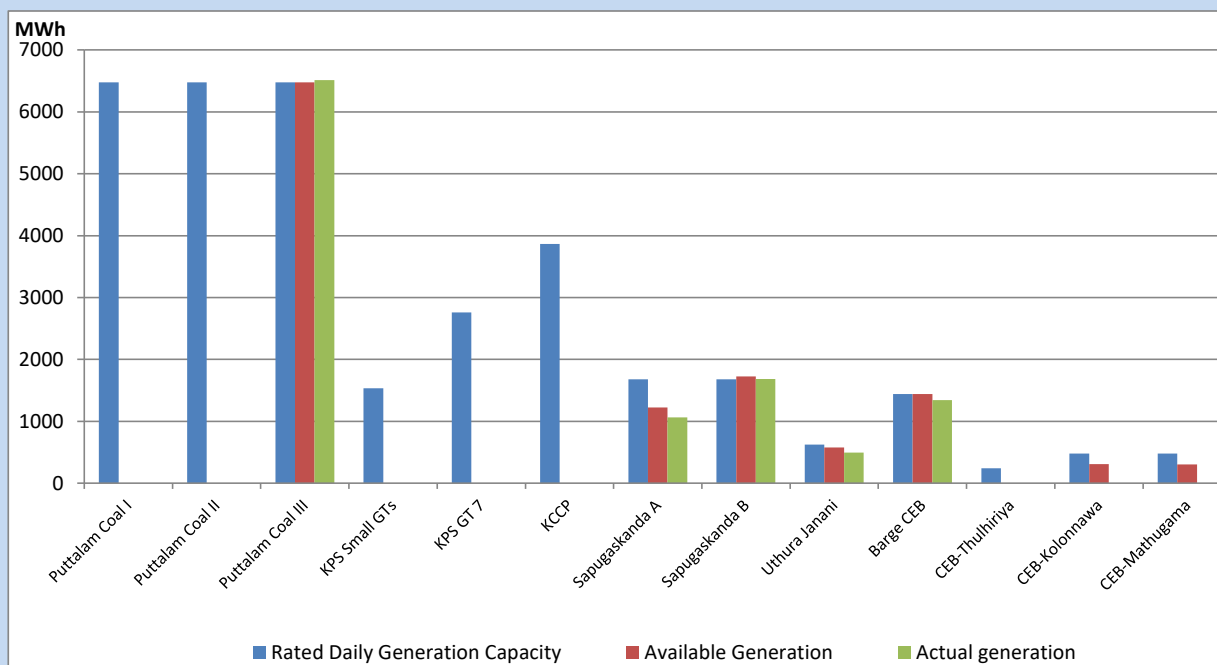
Category	Dispatch (GWh)	
CEB Hydro	351.79	53.40%
CEB Thermal Oil	18.62	2.83%
CEB Coal	174.96	26.56%
IPP Thermal	19.59	2.97%
SPP Wind	30.29	4.60%
CEB Wind	28.11	4.27%
SPP Solar	4.59	0.70%
SPP Solid Waste	2.28	0.35%
Mini Hydro	28.60	4.34%
Total	658.83	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	2,850.0	30.49%
CEB Thermal Oil	1,074.0	11.49%
CEB Coal	3,594.6	38.45%
IPP Thermal	992.0	10.61%
SPP Wind	214.3	2.29%
CEB Wind	229.4	2.45%
SPP Solar	58.6	0.63%
SPP Solid Waste	46.3	0.50%
Mini Hydro	289.6	3.10%
Total	9,348.4	

CEB owned Thermal Plant Dispatch

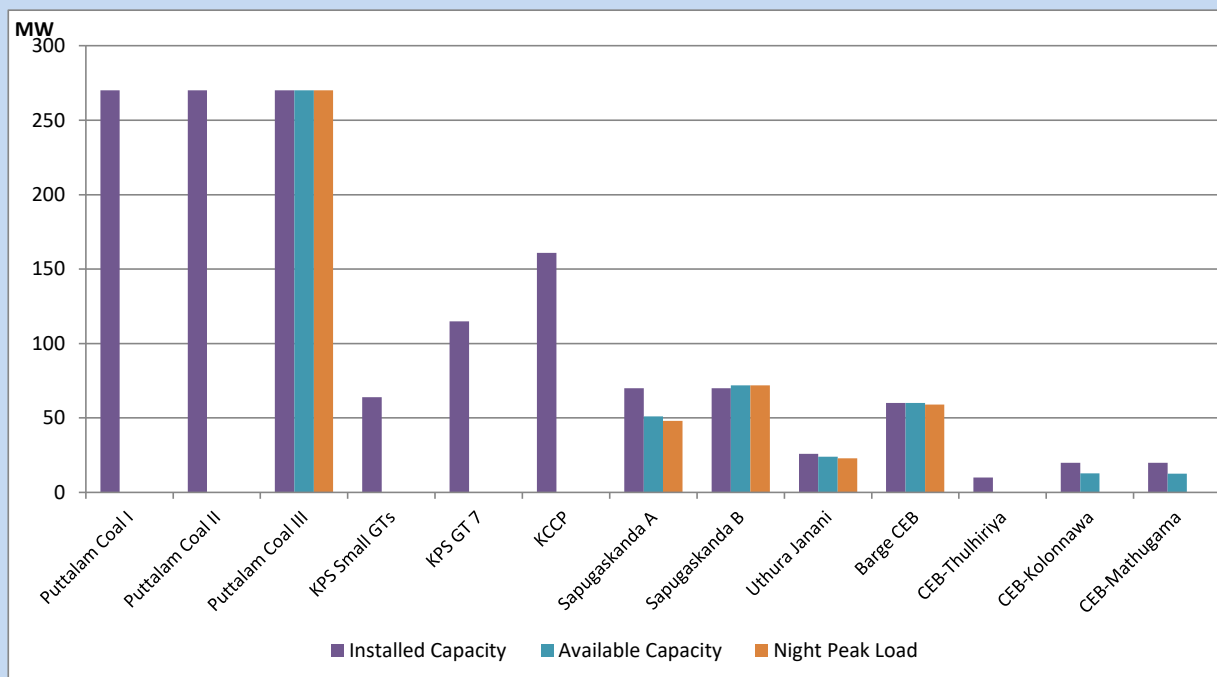
August 17, 2022



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

August 18, 2022

CEB owned Thermal Plant Loading at the Night Peak



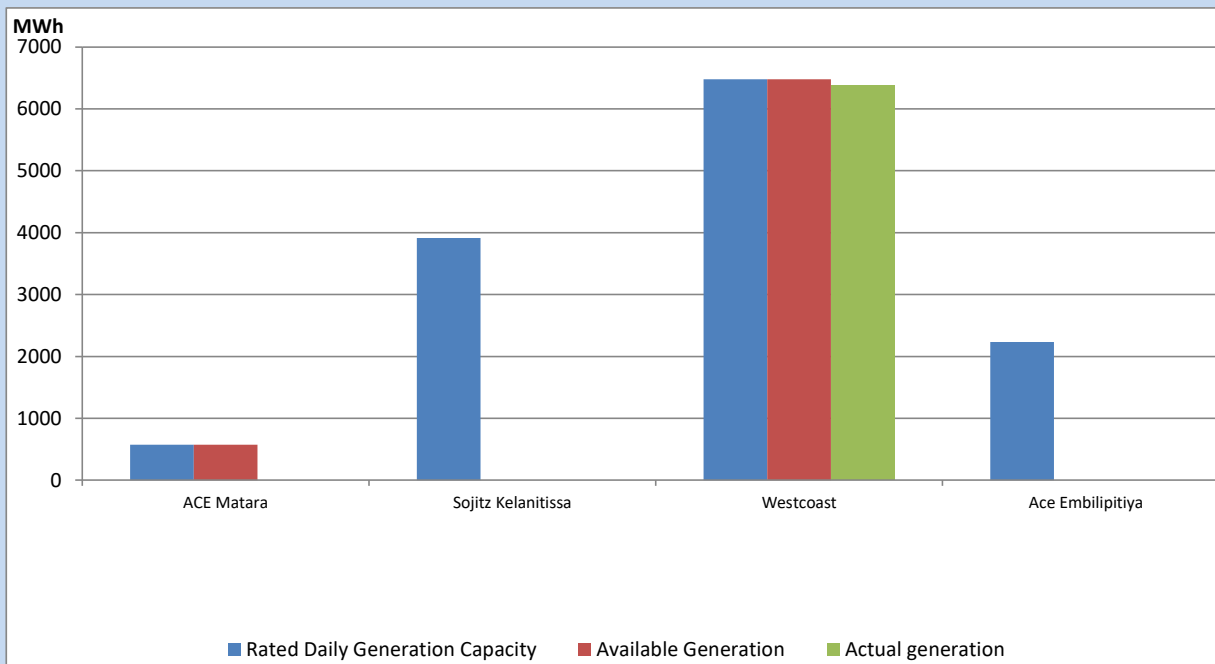
Note- Plant availability is recorded at 6.00 am on

August 18, 2022

IPP owned Thermal Plant Dispatch

August 17, 2022

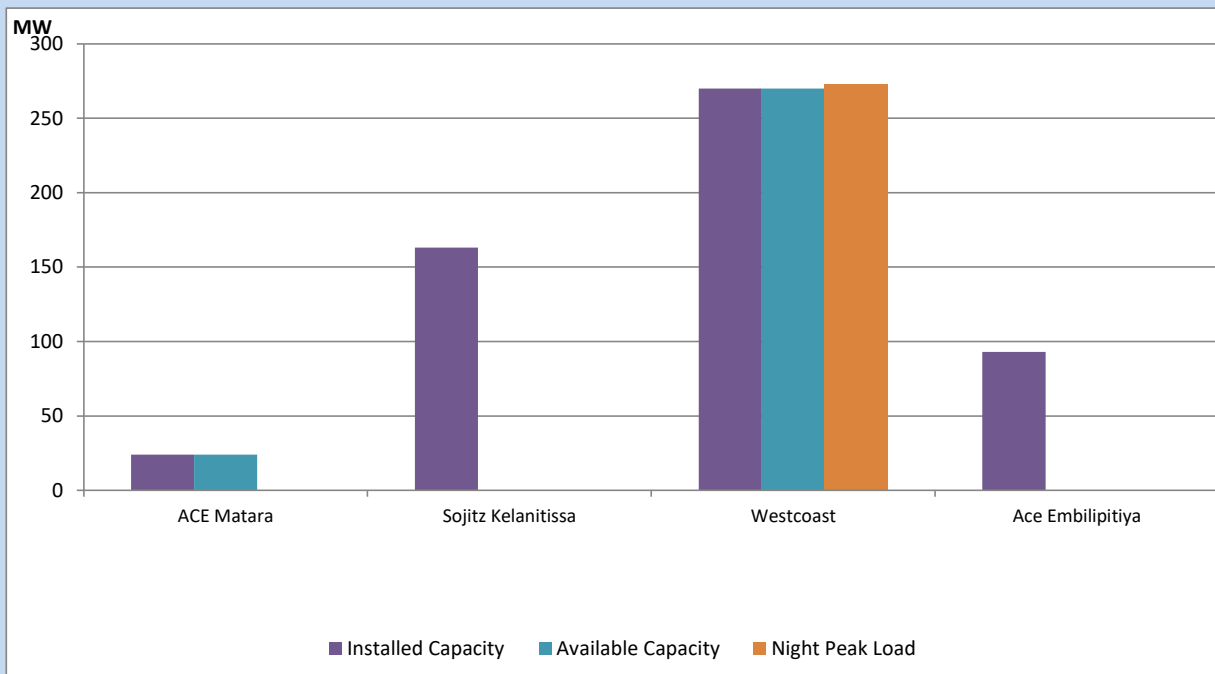
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

August 18, 2022

IPP owned Thermal Plant Loading at the Night Peak

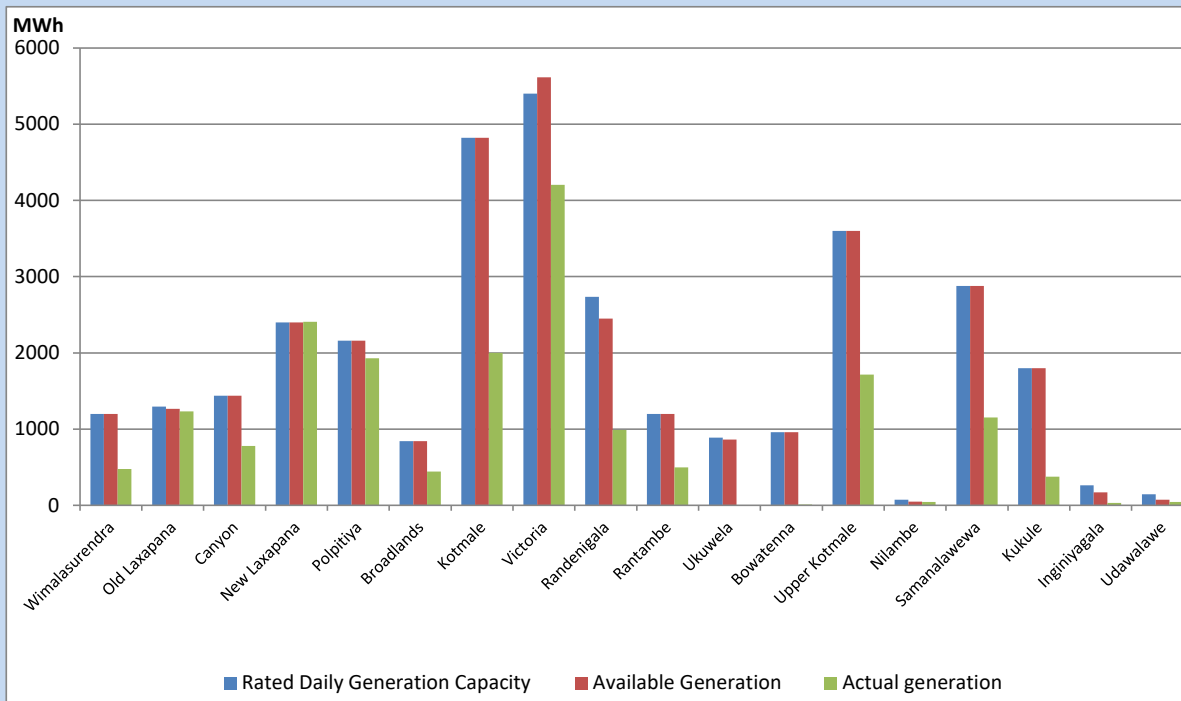


Note- Plant availability is recorded at 6.00 am on

August 18, 2022

Major Hydro Plant Dispatch

August 17, 2022

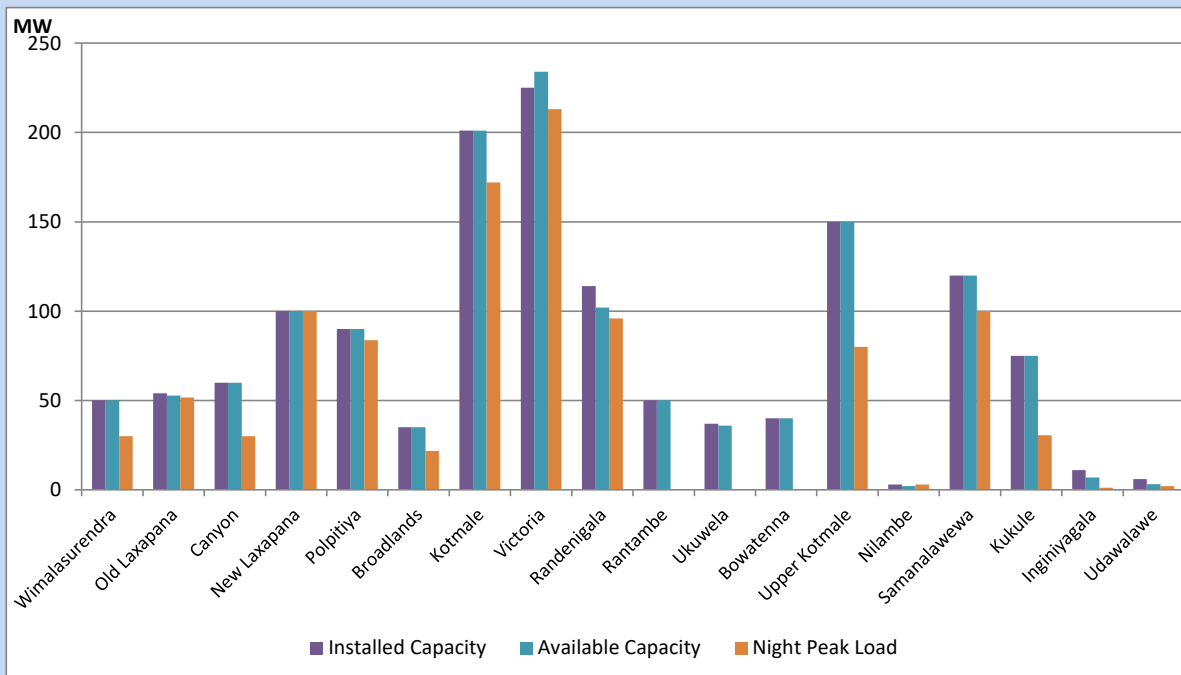


Available Generation is estimated based on plant availability at 6.00am on August 18, 2022
Broadlands power plant is operating in the Commissioning Stage

August 18, 2022

Major Hydro Plant Loading at Night Peak

August 17, 2022



Note- Plant availability is recorded at 6.00 am on August 18, 2022
Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

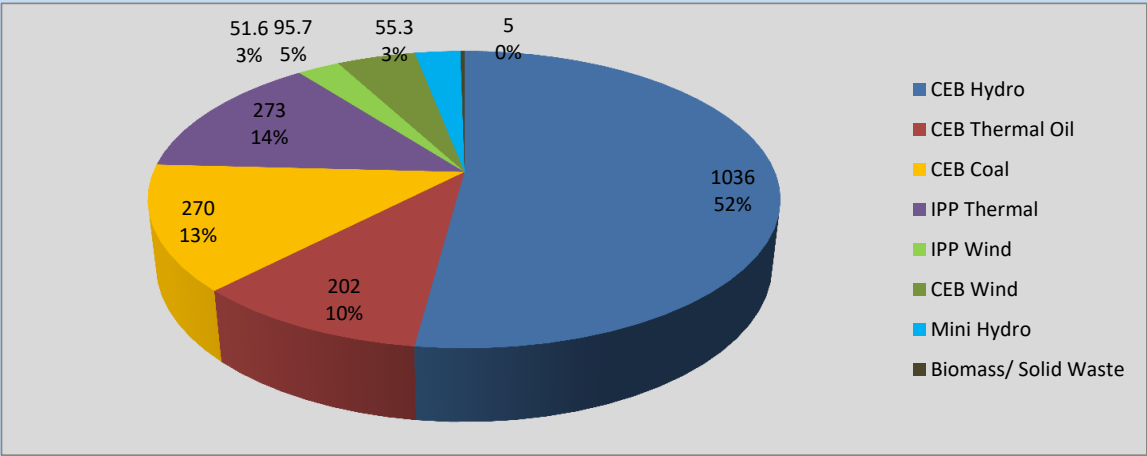
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	30	475
Old Laxapana	54	53	52	1,231
Canyon	60	60	30	778
New Laxapana	100	100	100	2,406
Polpitiya	90	90	84	1,929
Broadlands	35	35	22	443
Kotmale	201	201	172	2,000
Victoria	225	234	213	4,207
Randenigala	114	102	96	989
Rantambe	50	50	0	496
Ukuwela	37	36	0	0
Bowatenna	40	40	0	11
Upper Kotmale	150	150	80	1,714
Nilambe	3	2	3	43
Samanalawewa	120	120	100	1,151
Kukule	75	75	31	375
Inginiyagala	11	7	1	30
Udawalawe	6	3	2	44
Puttalam Coal I	270	0	0	0
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	270	270	6,513
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	51	48	1,062
Sapugaskanda B	70	72	72	1,686
Uthura Janani	26	24	23	497
Barge CEB	60	60	59	1,343
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	13	0	0
ACE Matara	24	24	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	273	6,381
ACE Embilipitiya	93	0	0	0
Total	3,397	2,204	1,968	41,354

Plant availability is the availability recorded at 6 am on

August 18, 2022

Contribution to the Night Peak in MW

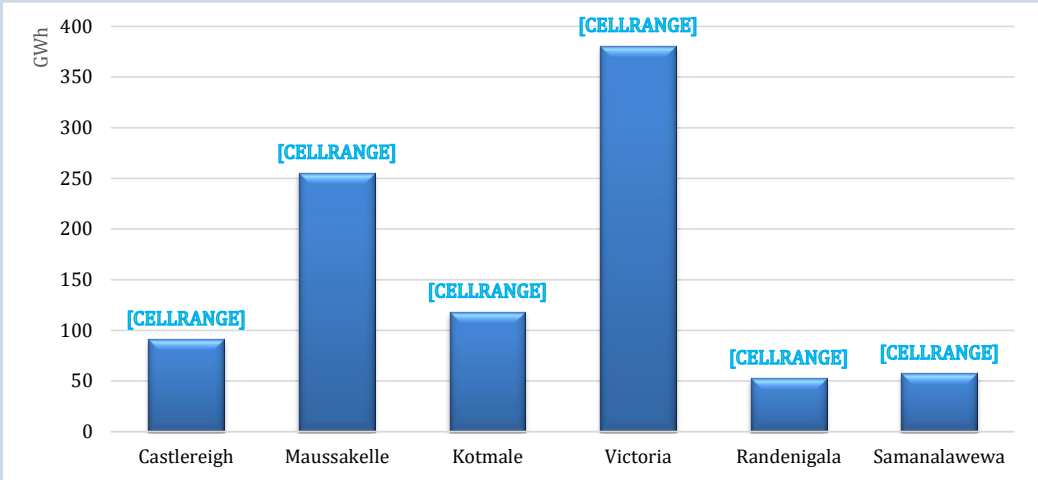
August 17, 2022



Night Peak*	1,988.6	MW
Day Peak	1,930.9	MW
Minimum Demand	1,356.1	MW

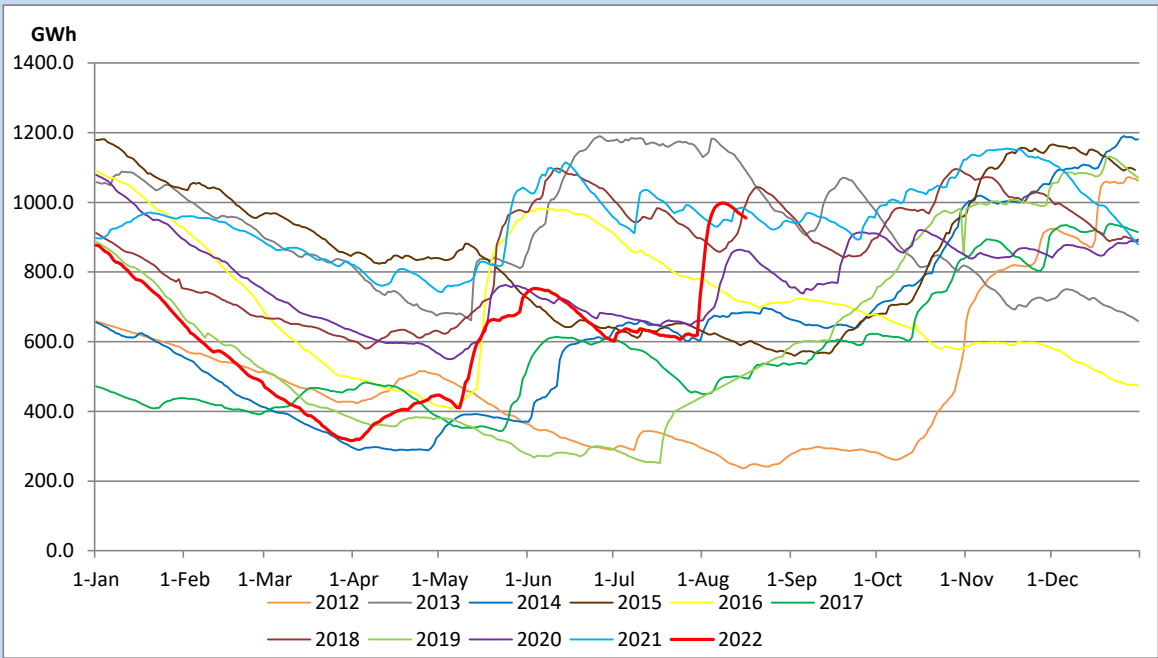
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

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

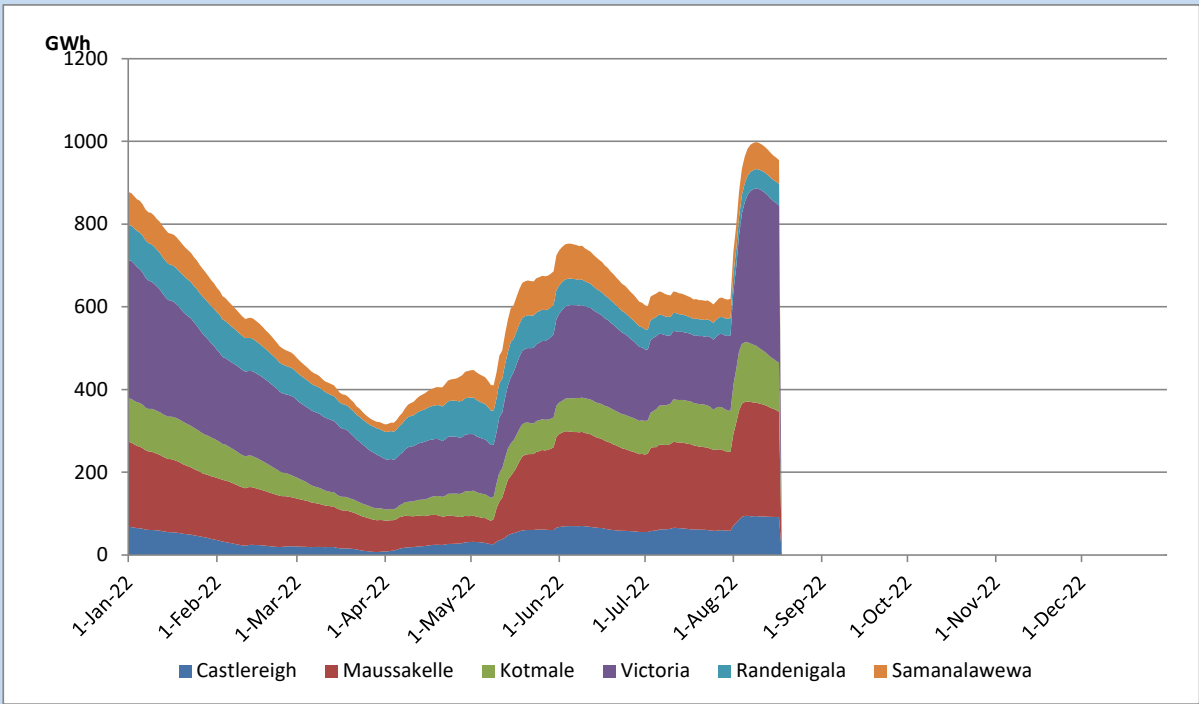


Total Reservoir Level	954.7	GWh
% of Total capacity	79.3	%

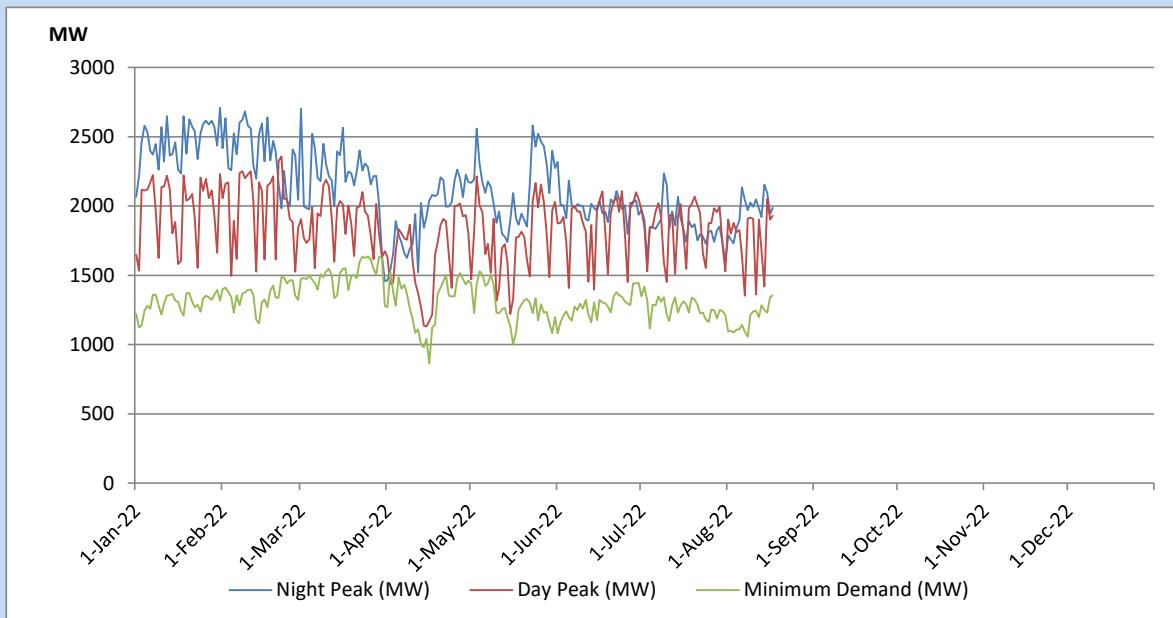
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

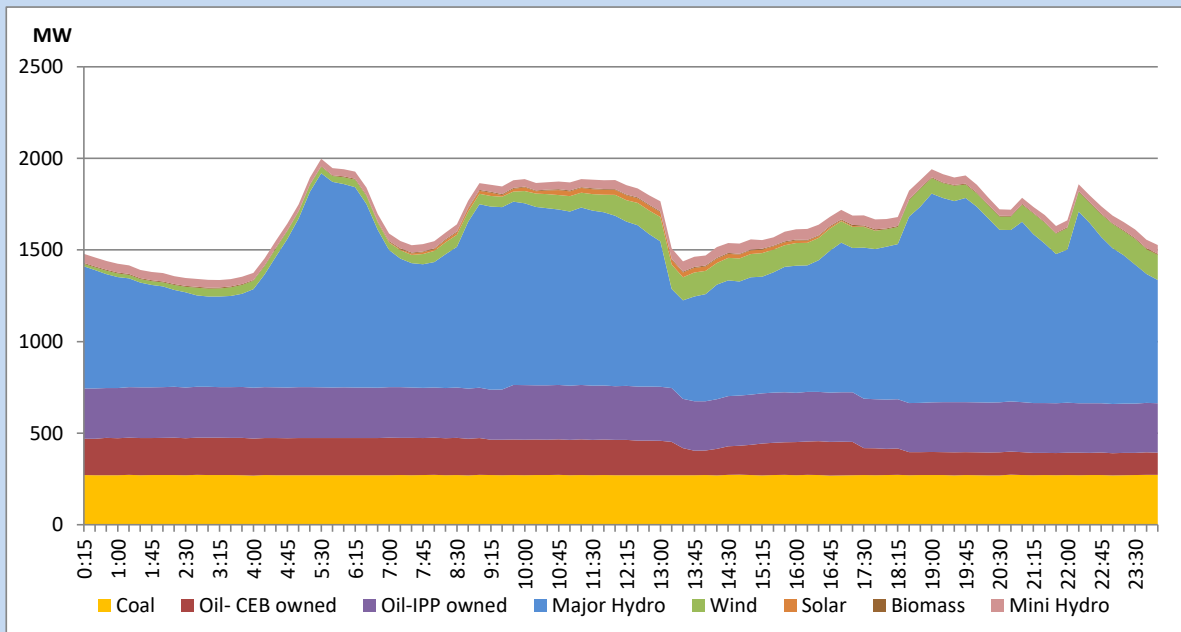


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

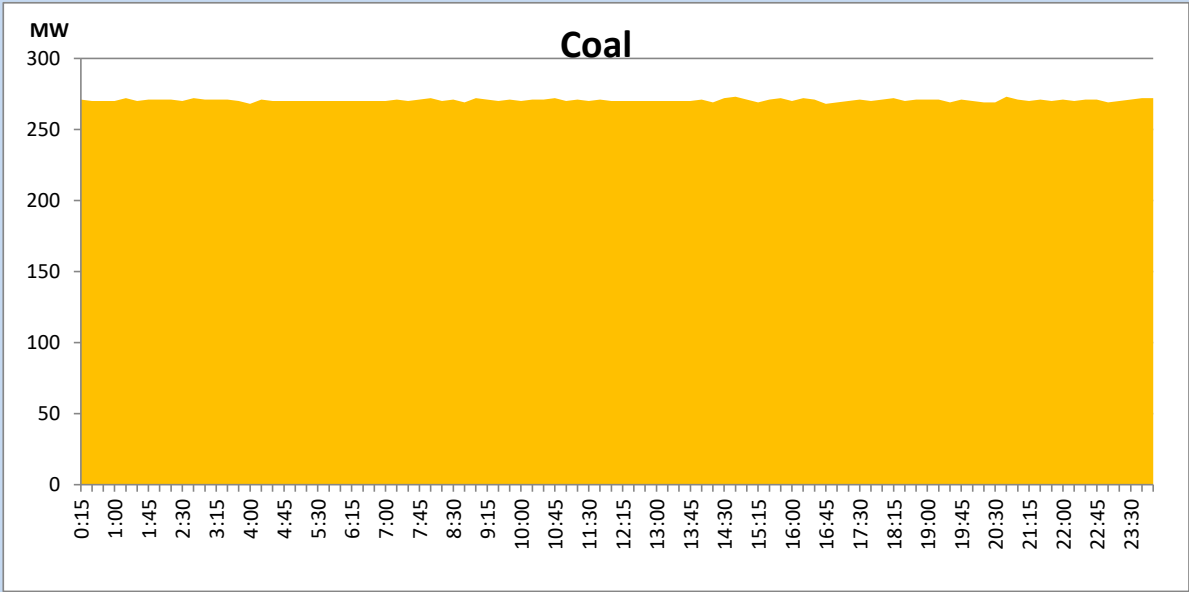
August 16, 2022

Solar and wind data is based on Telemetered Power Stations only



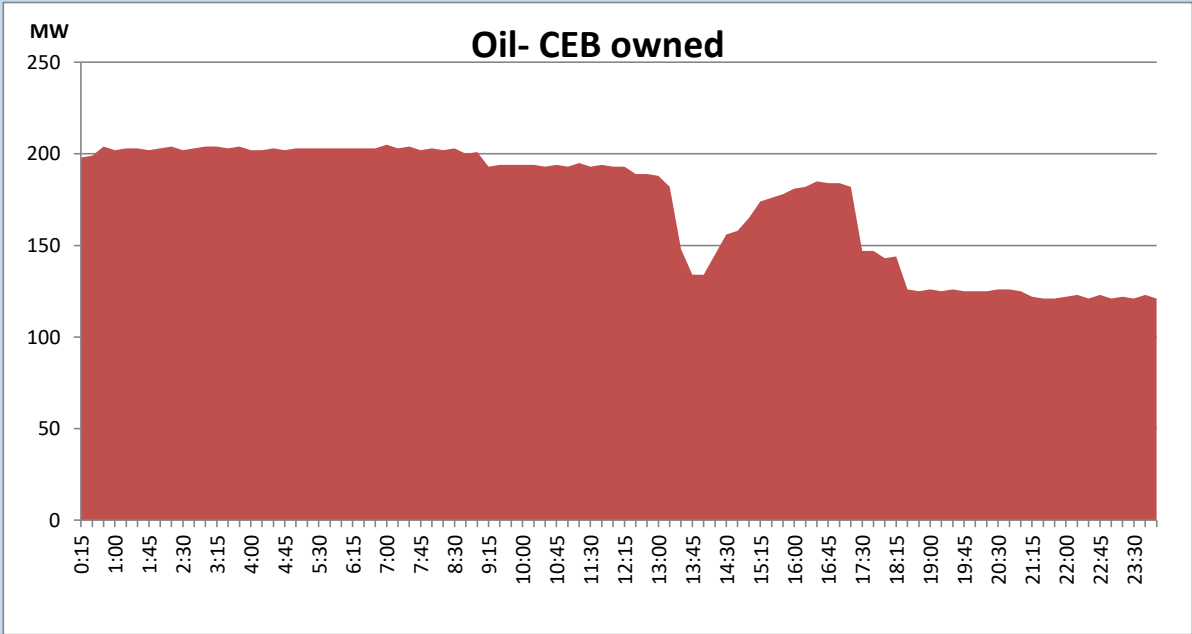
Coal Generation during the Previous day

August 16, 2022



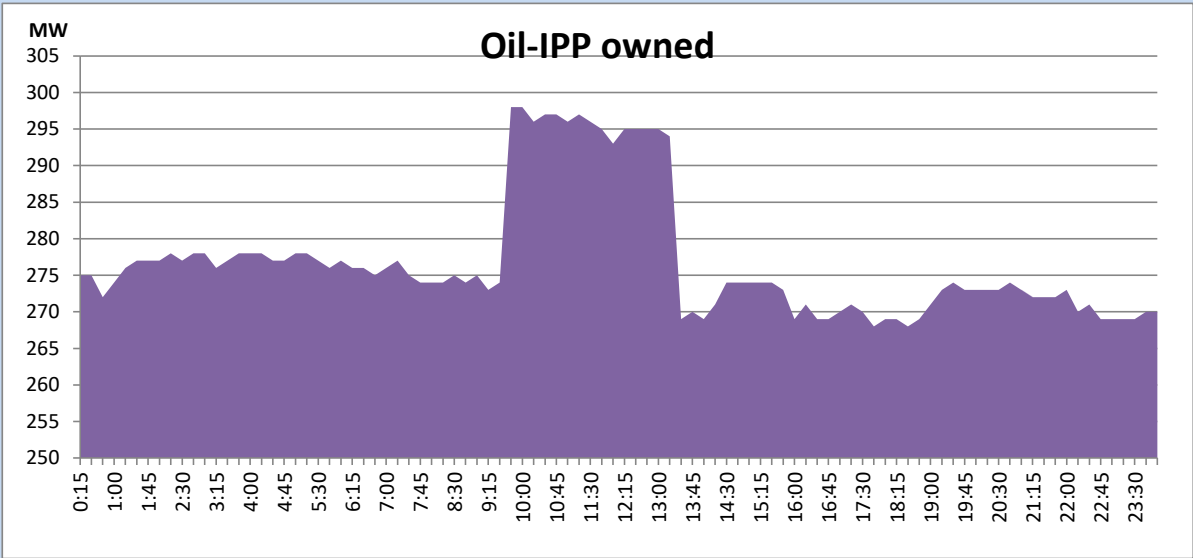
CEB Oil Plant Generation during the Previous day

August 16, 2022



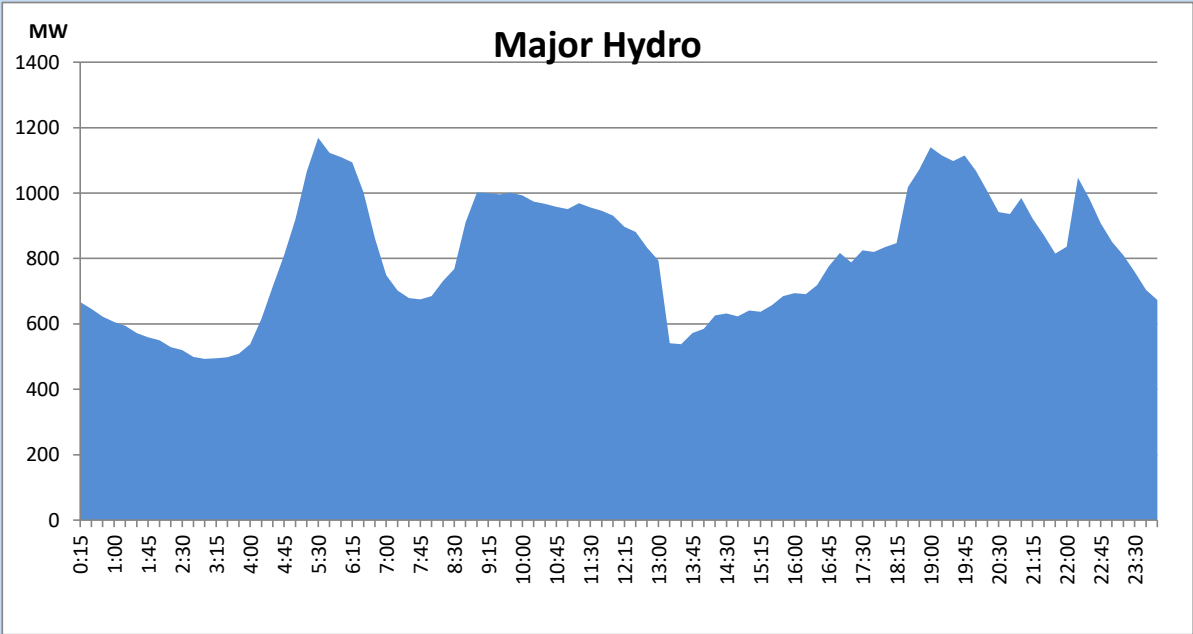
IPP Oil Plant Generation during the Previous day

August 16, 2022



Major Hydro Generation during the Previous day

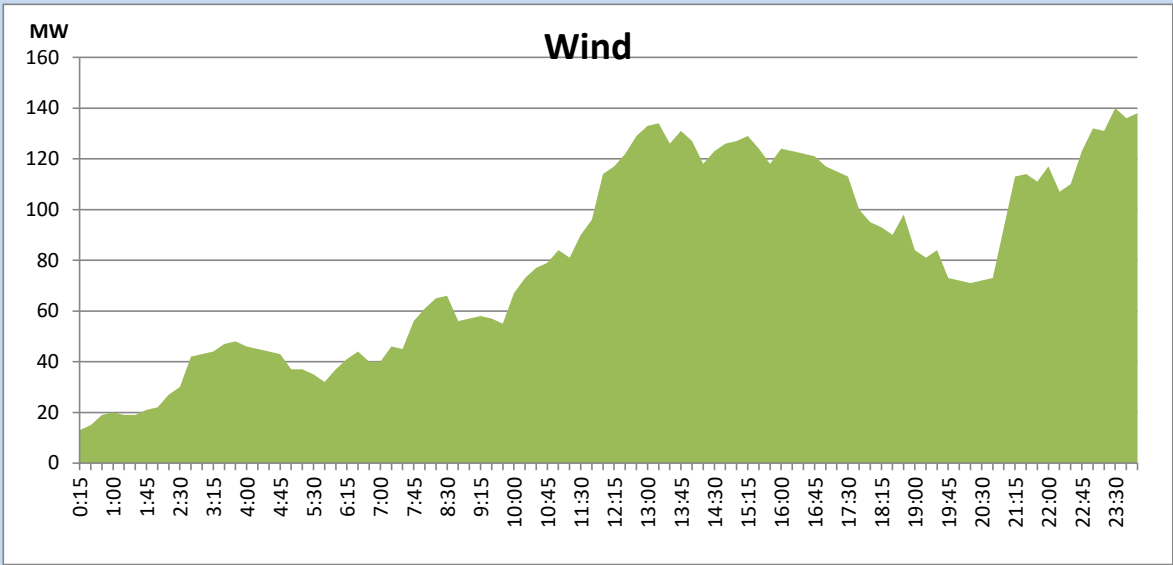
August 16, 2022



Wind Generation during the Previous day

August 16, 2022

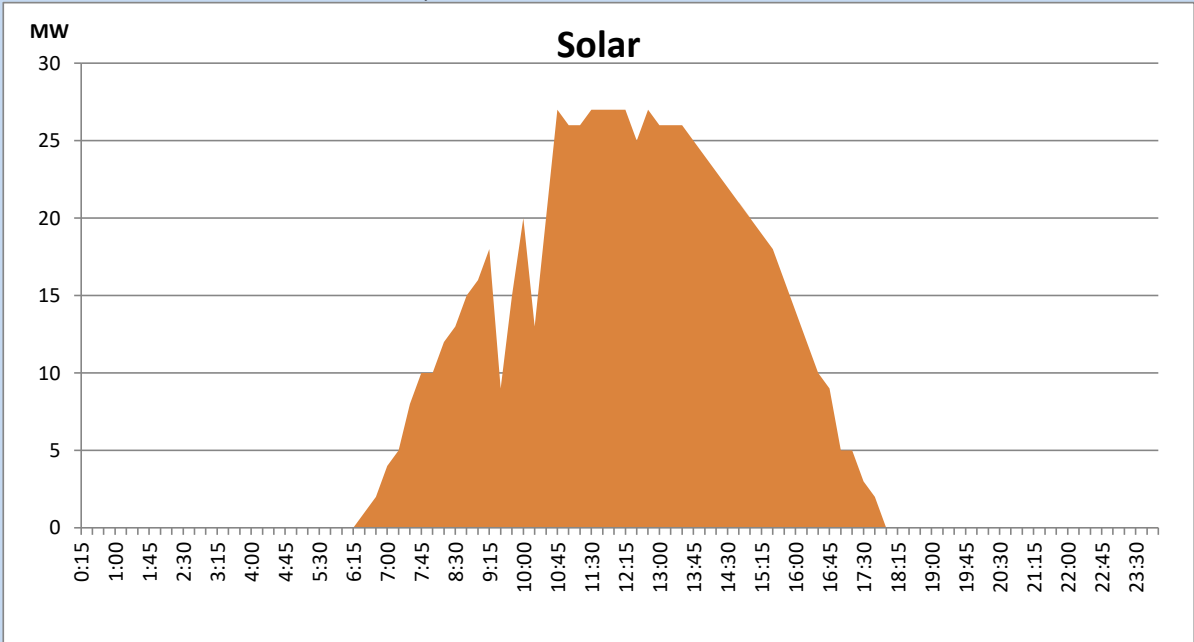
Based on Telemetered Power Stations only



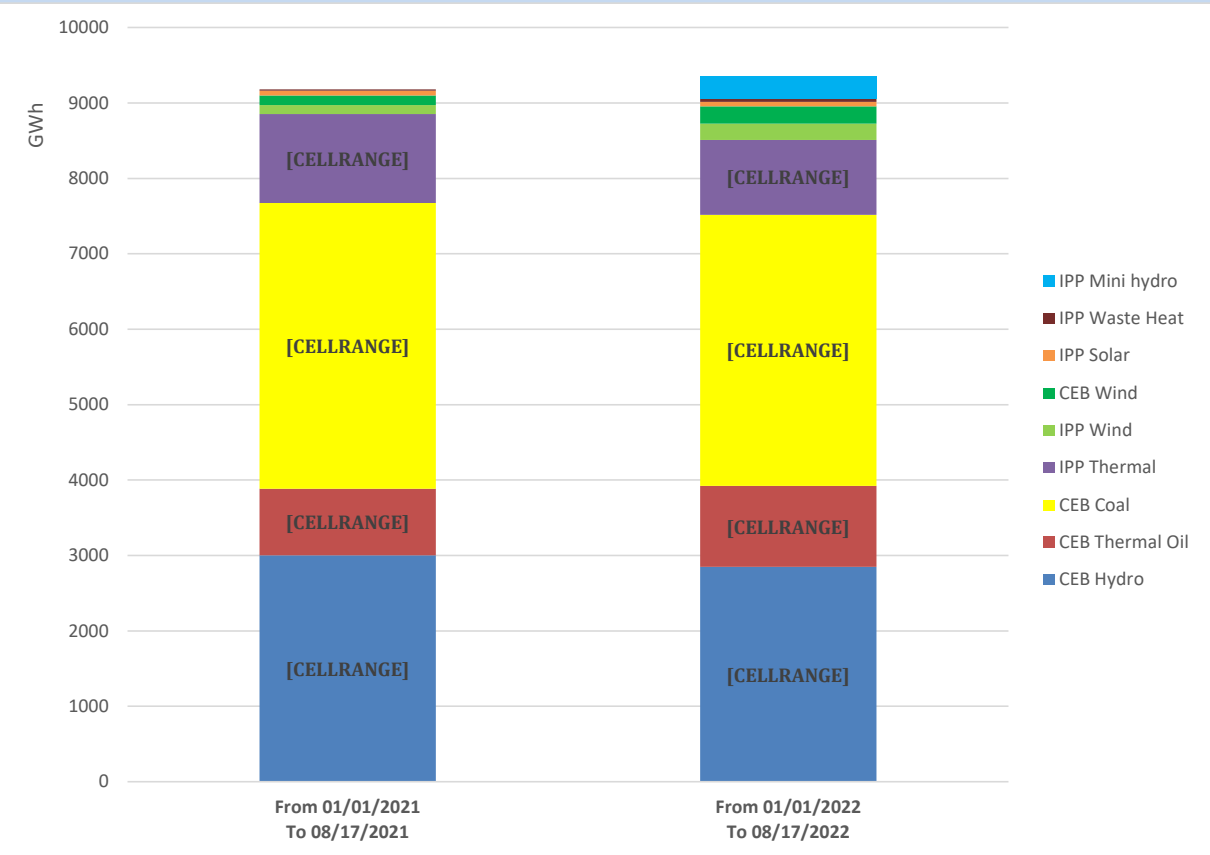
Solar Generation during the Previous day

August 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

August 18, 2022

- 1) Rotational manual load shedding was carried out from 05:30 hrs to 08:30 hrs and 13:00 hrs to 22:00 hrs.
- 2) Pannala 132/33kV T/F 03 tripped at 18:14hrs due to operation of OLTC oil surge trip. Pannala 132/33kV T/F is yet to be energized.