

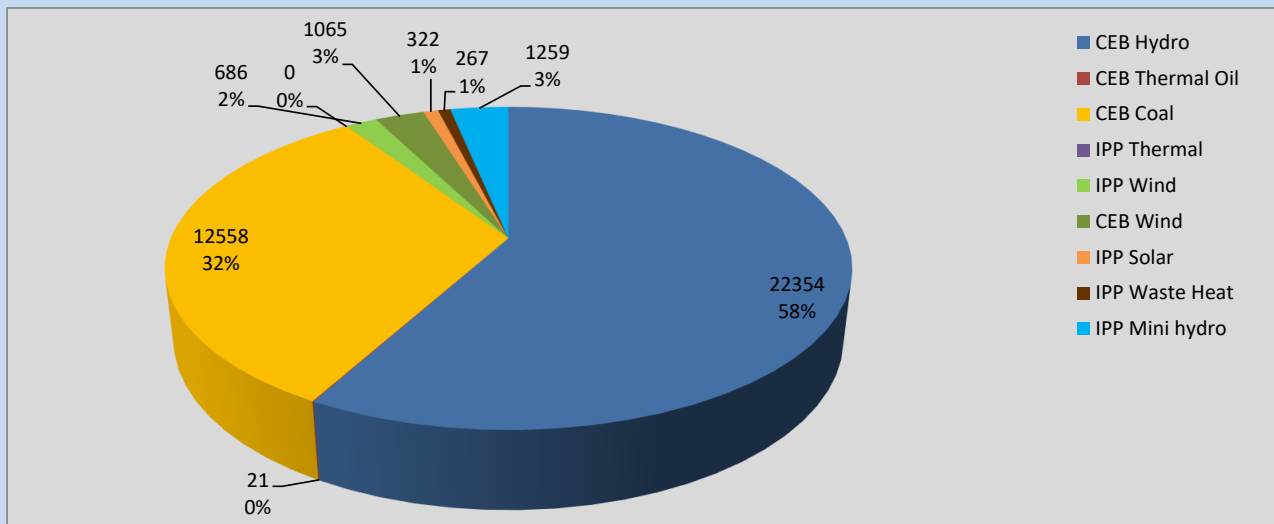
Generation and Reservoirs Statistics

August 13, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation 38,532 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

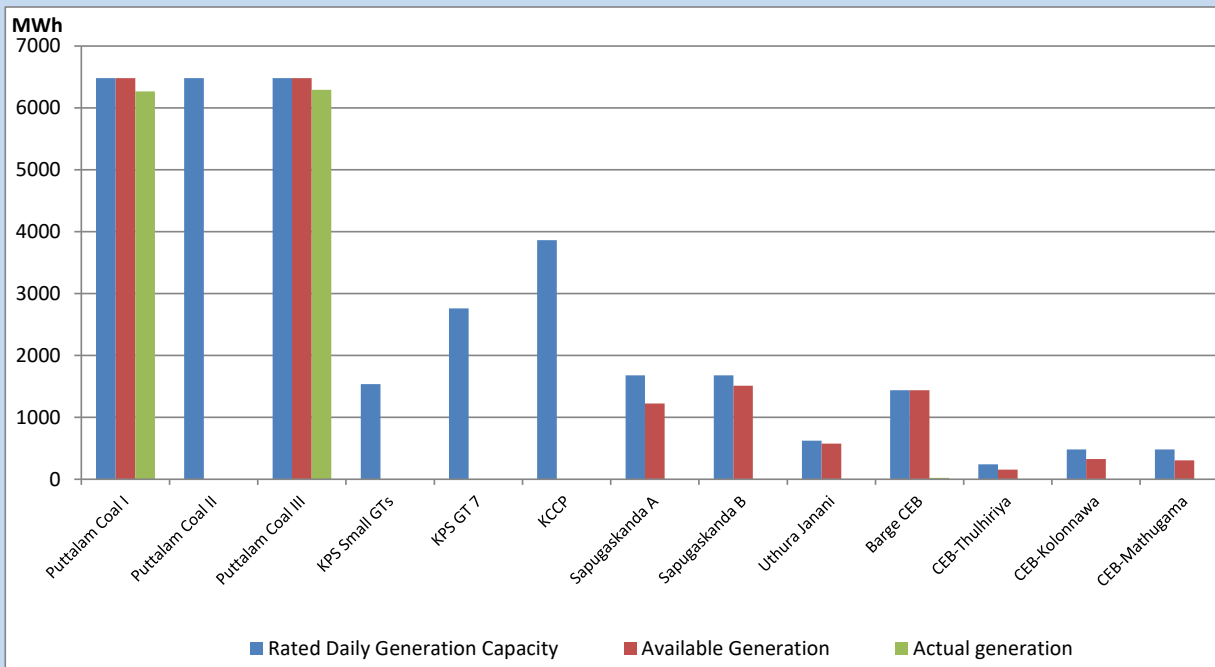
Category	Dispatch (GWh)	Percentage
CEB Hydro	271.17	54.28%
CEB Thermal Oil	5.63	1.13%
CEB Coal	142.97	28.62%
IPP Thermal	0.03	0.01%
SPP Wind	26.78	5.36%
CEB Wind	23.48	4.70%
SPP Solar	3.48	0.70%
SPP Solid Waste	1.54	0.31%
Mini Hydro	24.46	4.90%
Total	499.54	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	2,769.3	30.14%
CEB Thermal Oil	1,061.0	11.55%
CEB Coal	3,562.6	38.77%
IPP Thermal	972.5	10.58%
SPP Wind	210.7	2.29%
CEB Wind	224.7	2.45%
SPP Solar	57.4	0.63%
SPP Solid Waste	45.6	0.50%
Mini Hydro	285.5	3.11%
Total	9,189.1	

CEB owned Thermal Plant Dispatch

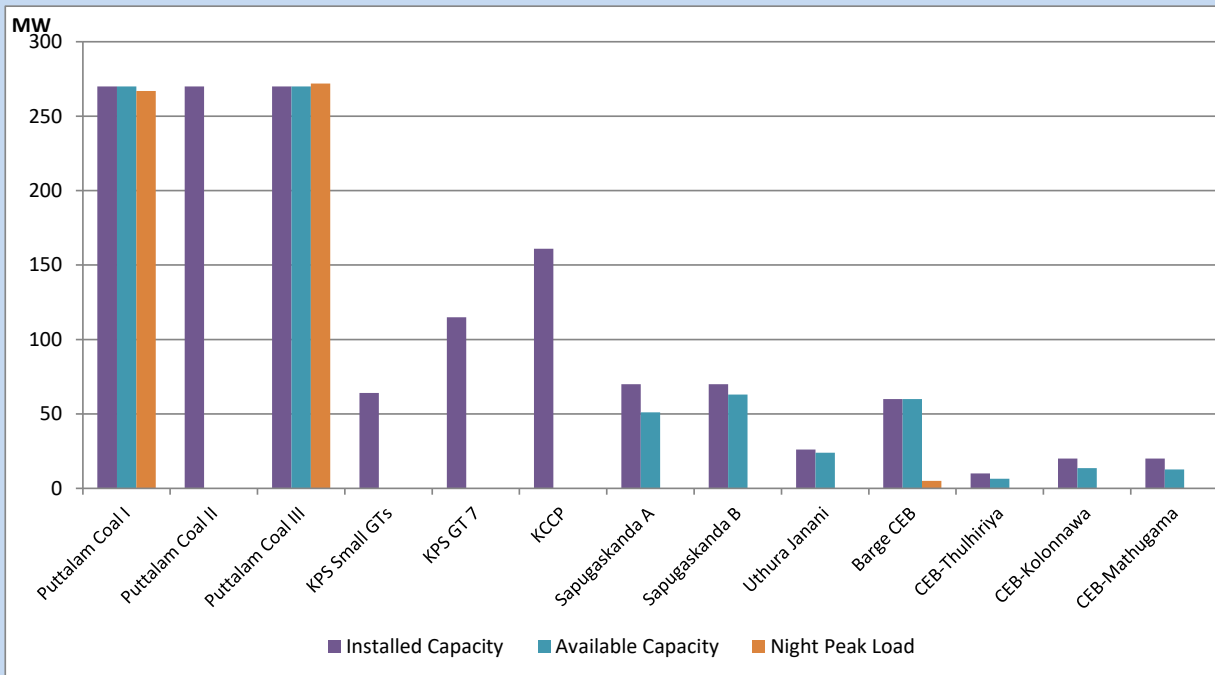
August 13, 2022



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

August 14, 2022

CEB owned Thermal Plant Loading at the Night Peak



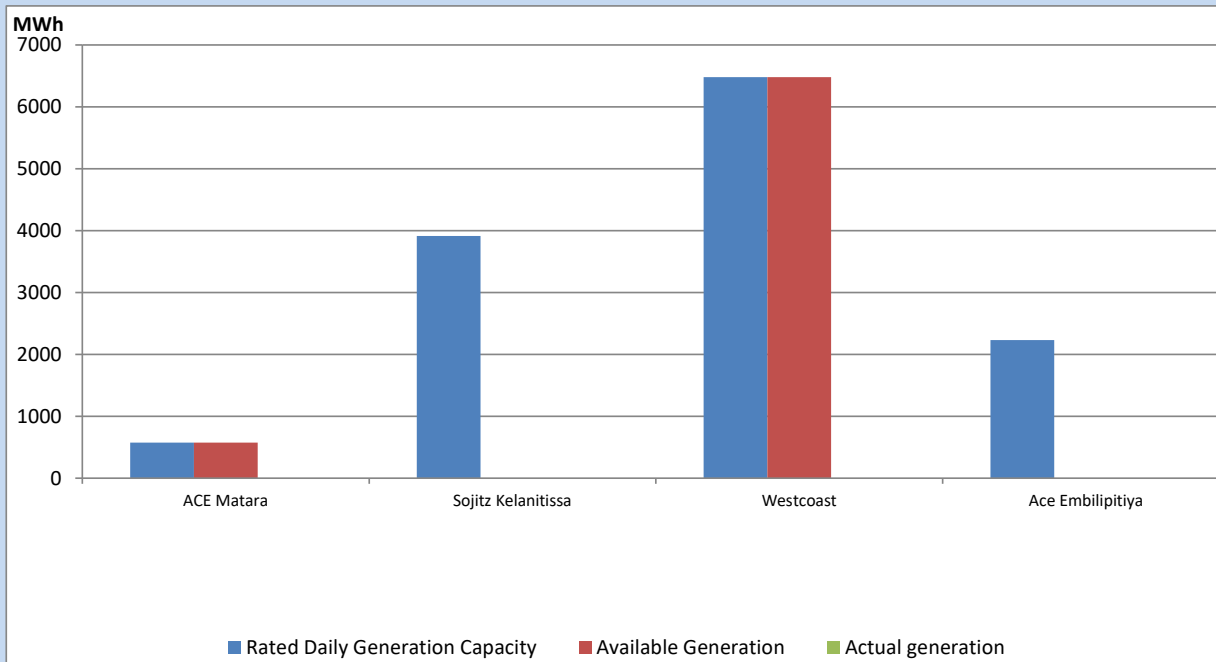
Note- Plant availability is recorded at 6.00 am on

August 14, 2022

IPP owned Thermal Plant Dispatch

August 13, 2022

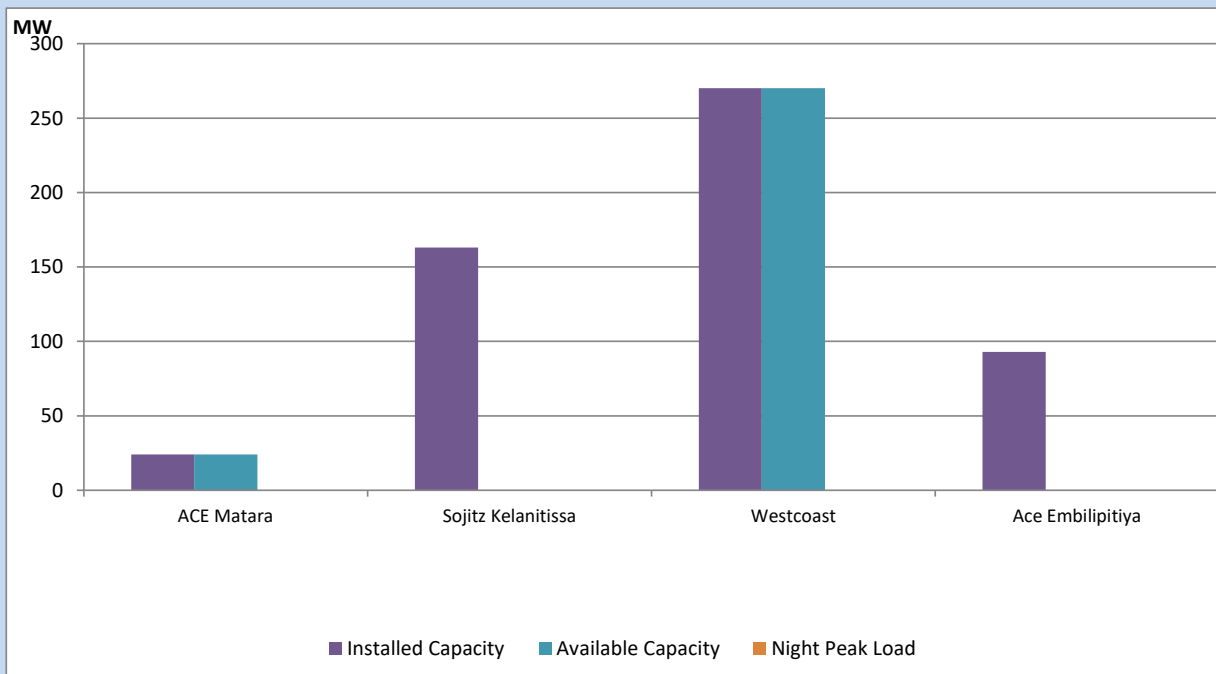
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

August 14, 2022

IPP owned Thermal Plant Loading at the Night Peak

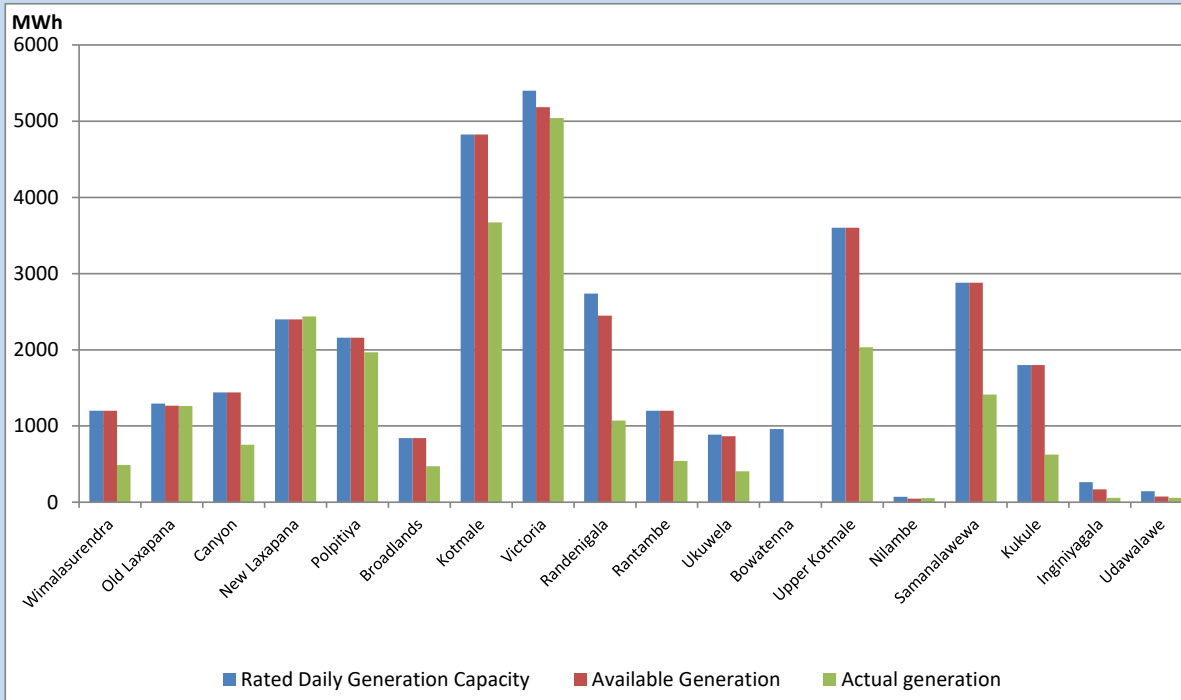


Note- Plant availability is recorded at 6.00 am on

August 14, 2022

Major Hydro Plant Dispatch

August 13, 2022

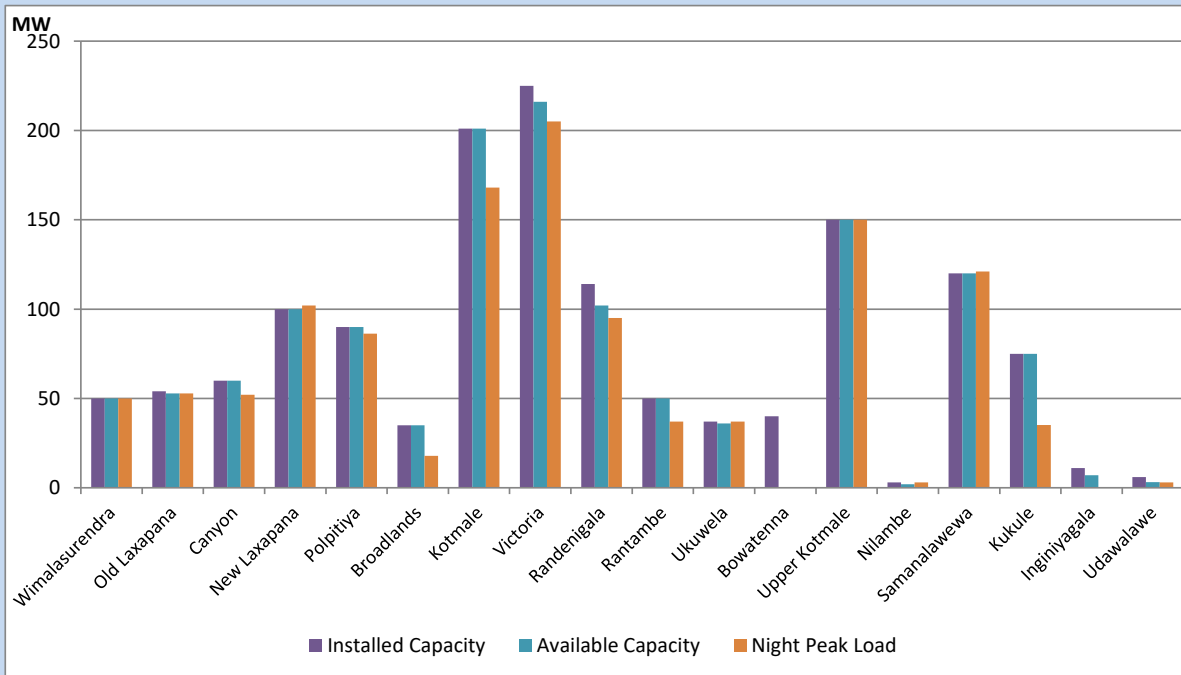


Available Generation is estimated based on plant availability at 6.00am on August 14, 2022
 Broadlands power plant is operating in the Commissioning Stage

August 14, 2022

Major Hydro Plant Loading at Night Peak

August 13, 2022



Note- Plant availability is recorded at 6.00 am on August 14, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

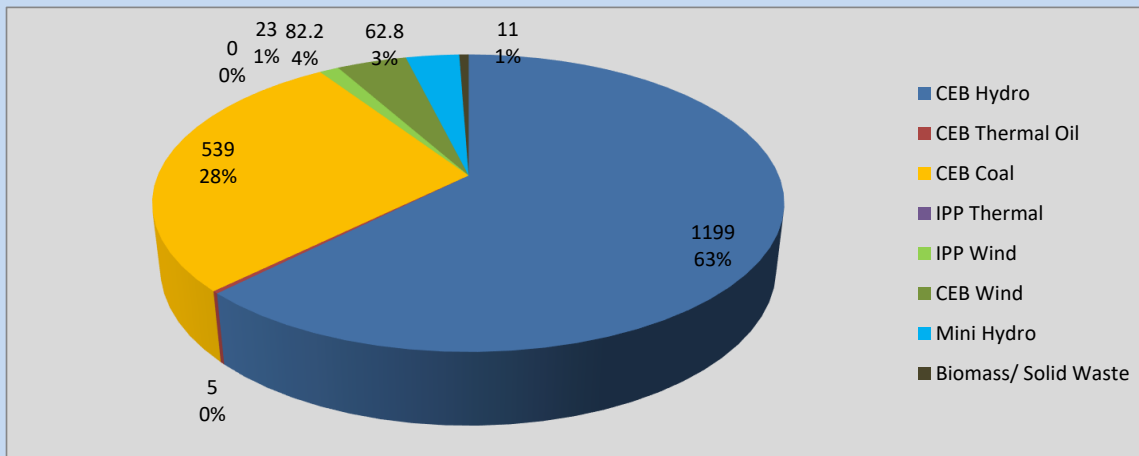
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	50	489
Old Laxapana	54	53	53	1,263
Canyon	60	60	52	755
New Laxapana	100	100	102	2,436
Polpitiya	90	90	86	1,967
Broadlands	35	35	18	472
Kotmale	201	201	168	3,670
Victoria	225	216	205	5,042
Randenigala	114	102	95	1,071
Rantambe	50	50	37	543
Ukuwela	37	36	37	407
Bowatenna	40	0	0	0
Upper Kotmale	150	150	150	2,032
Nilambe	3	2	3	53
Samanalawewa	120	120	121	1,414
Kukule	75	75	35	624
Inginiyagala	11	7	0	58
Udawalawe	6	3	3	58
Puttalam Coal I	270	270	267	6,267
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	270	272	6,291
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	51	0	0
Sapugaskanda B	70	63	0	0
Uthura Janani	26	24	0	0
Barge CEB	60	60	5	21
CEB-Thulhiriya	10	6	0	0
CEB-Kolonnawa	20	14	0	0
CEB-Mathugama	20	13	0	0
ACE Matara	24	24	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	2,415	1,938	38,532

Plant availability is the availability recorded at 6 am on

August 14, 2022

Contribution to the Night Peak in MW

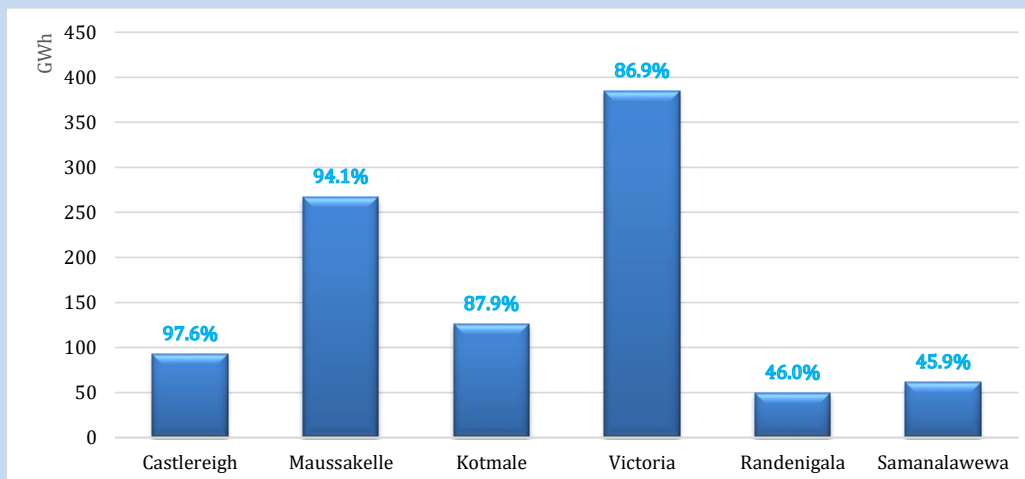
August 13, 2022



Night Peak*	1,921.9 MW
Day Peak	1,682.9 MW
Minimum Demand	1,283.7 MW

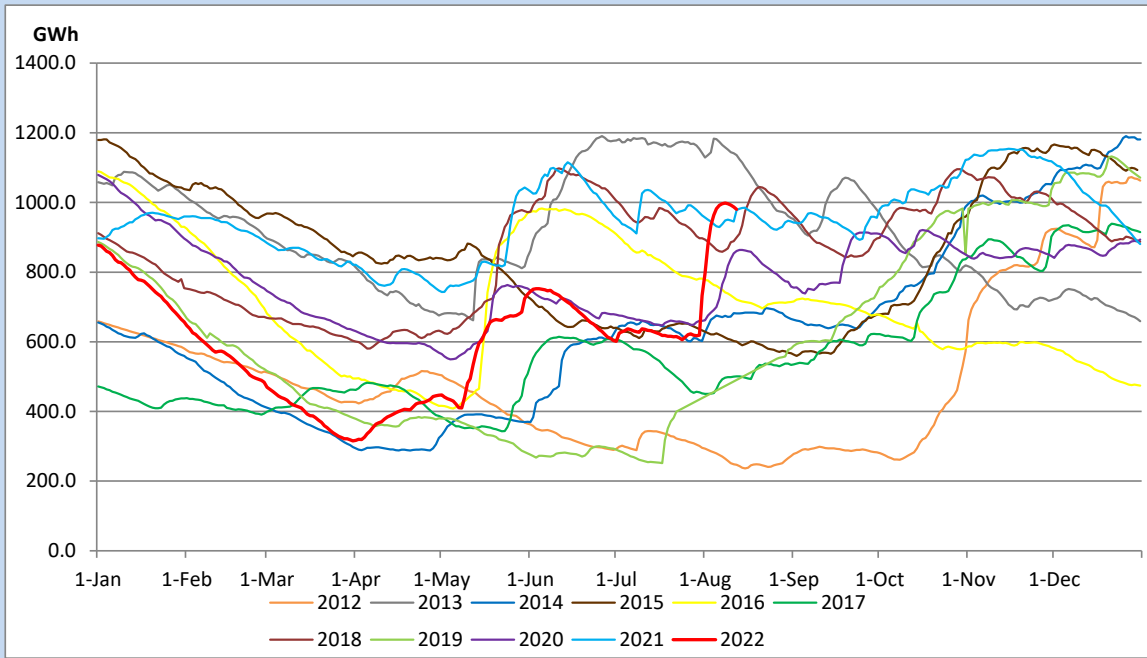
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on August 14, 2022

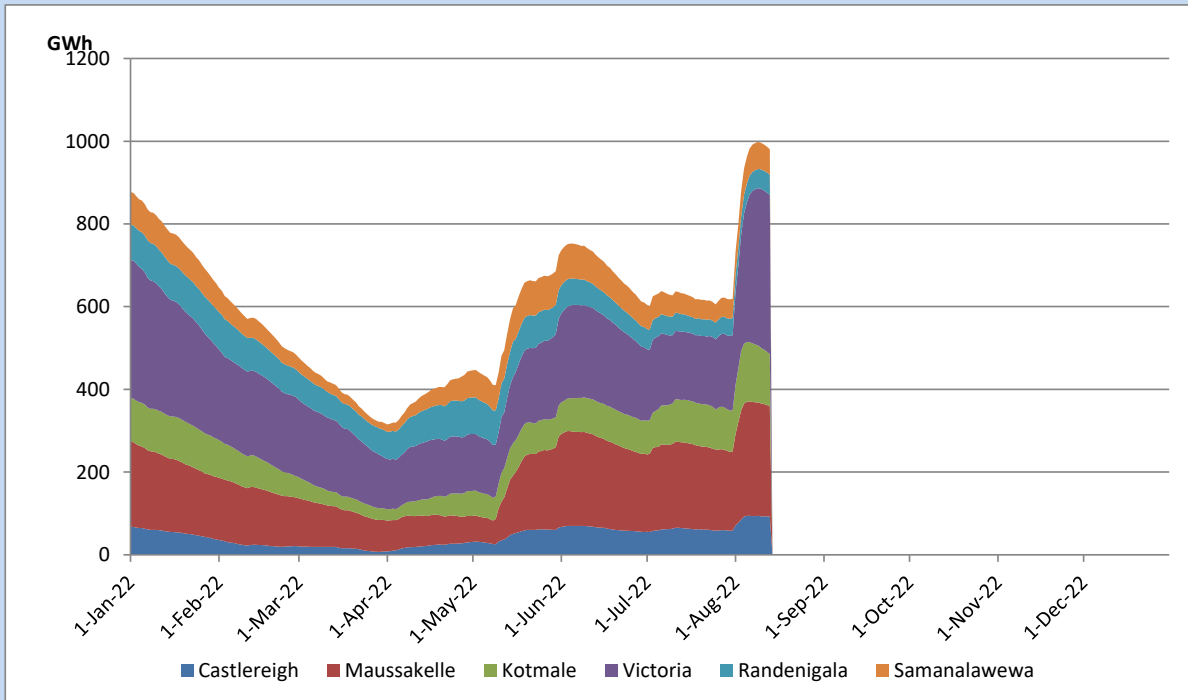


Total Reservoir Level	980.5 GWh
% of Total capacity	81.4%

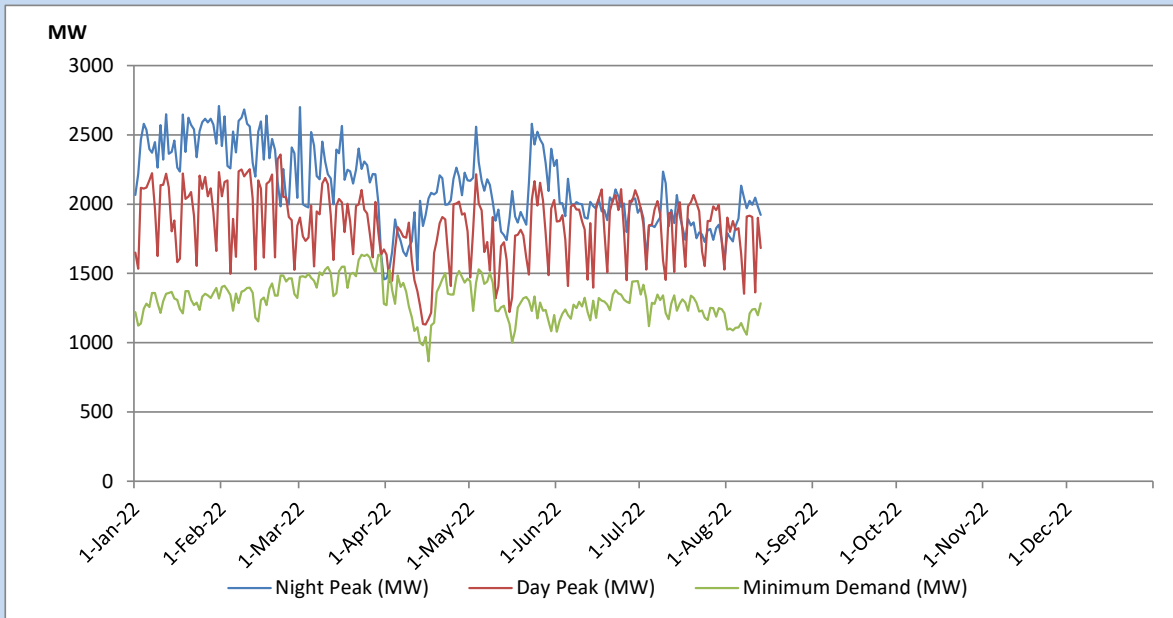
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

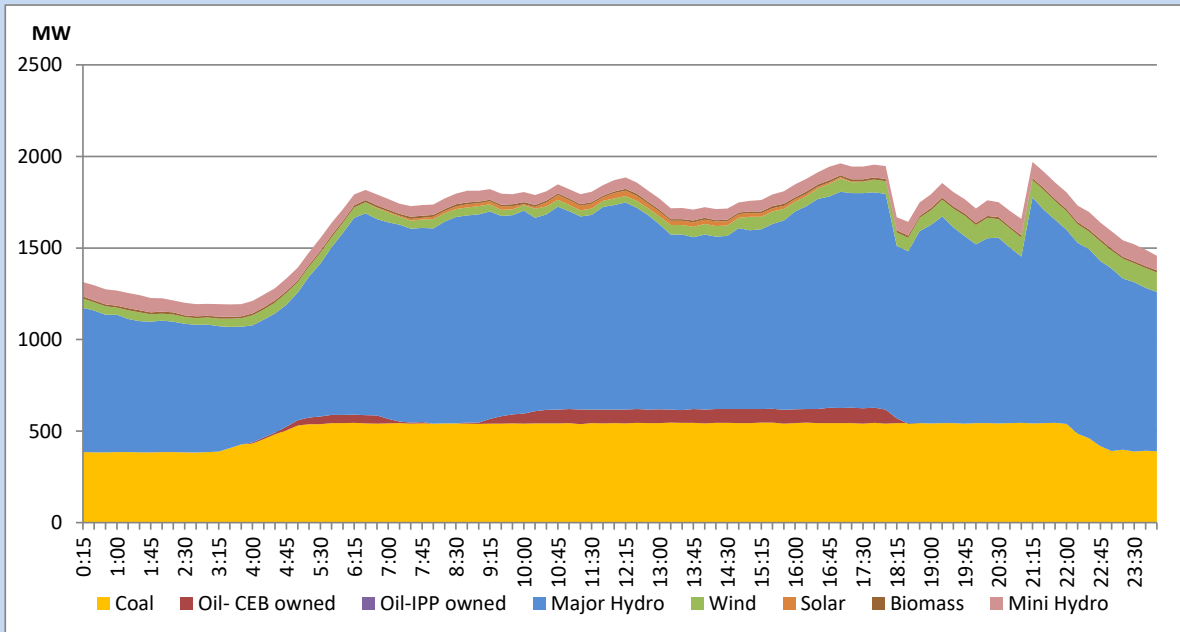


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

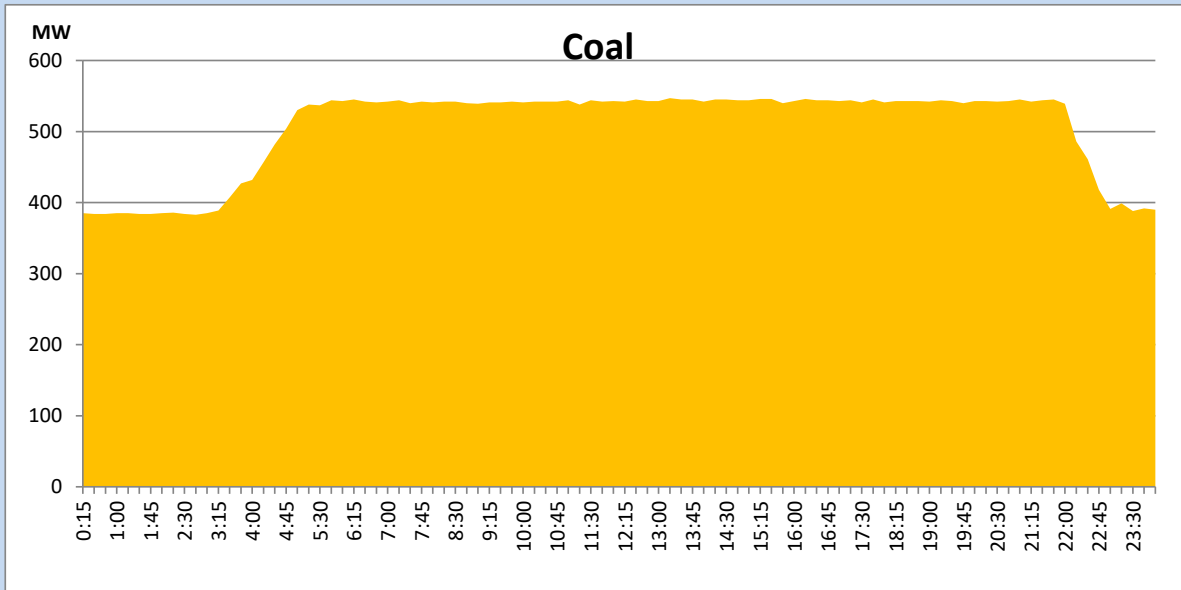
August 12, 2022

Solar and wind data is based on Telemetered Power Stations only



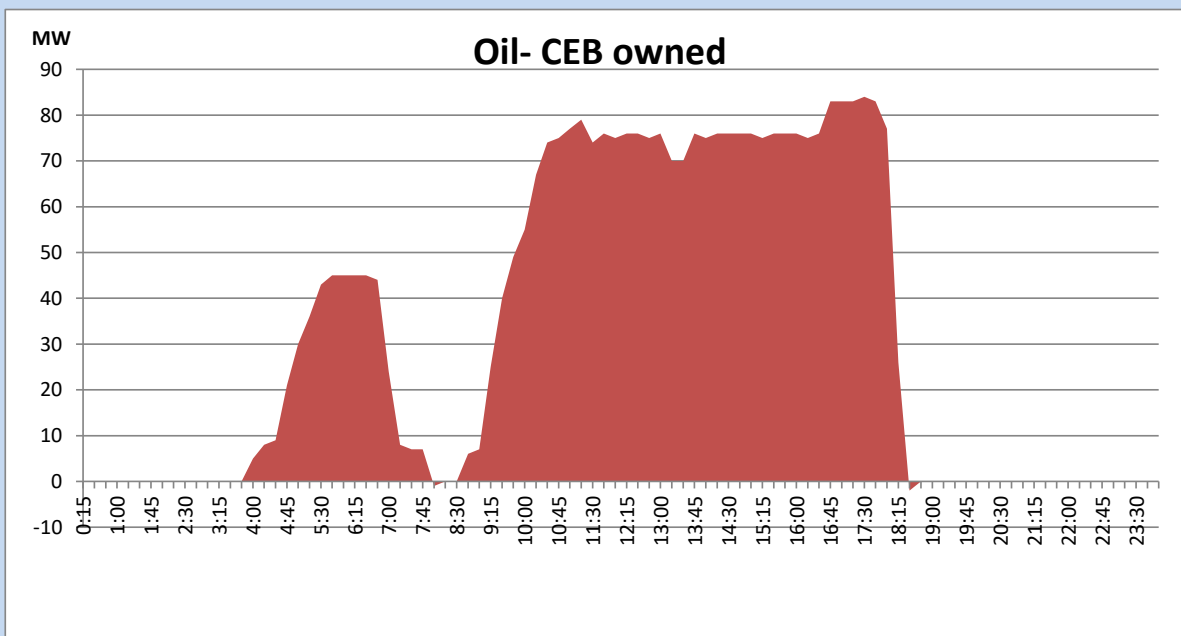
Coal Generation during the Previous day

August 12, 2022



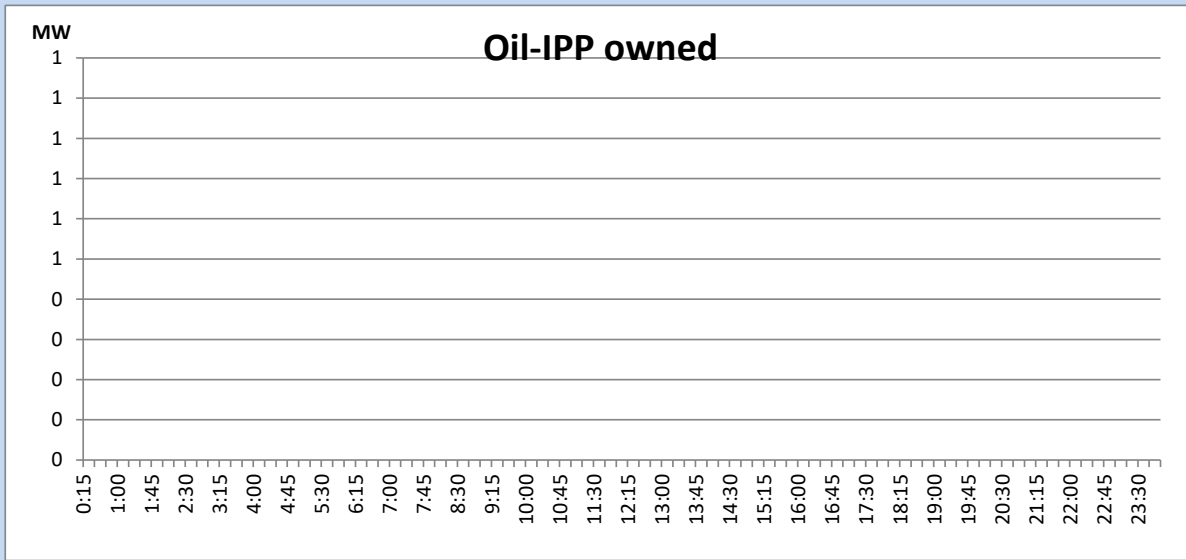
CEB Oil Plant Generation during the Previous day

August 12, 2022



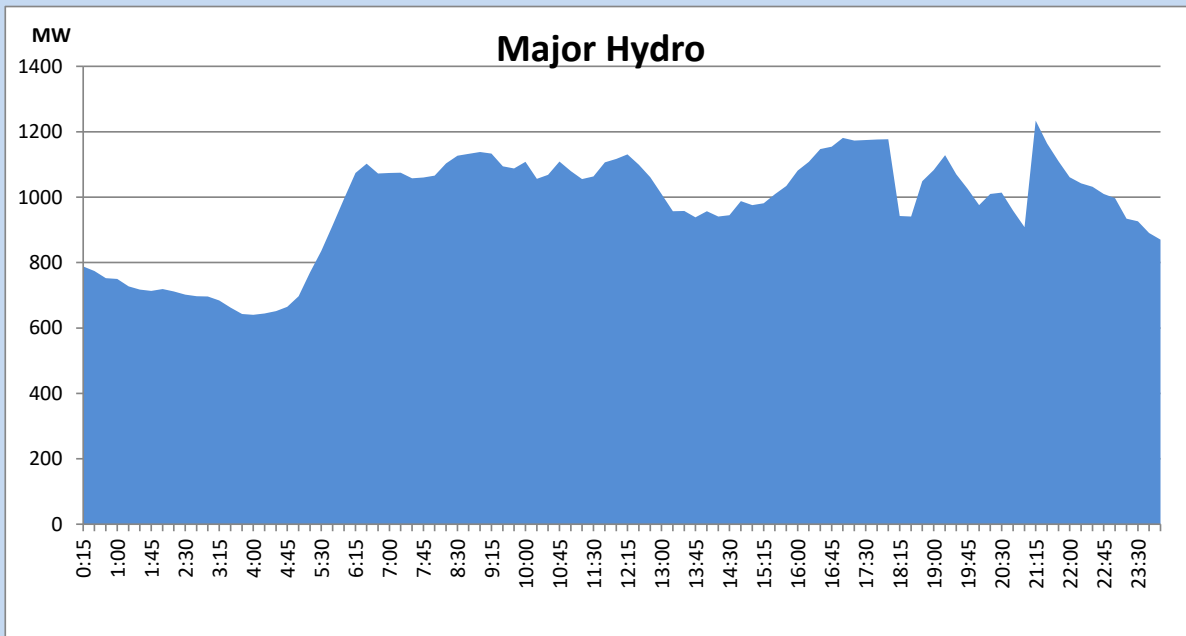
IPP Oil Plant Generation during the Previous day

August 12, 2022



Major Hydro Generation during the Previous day

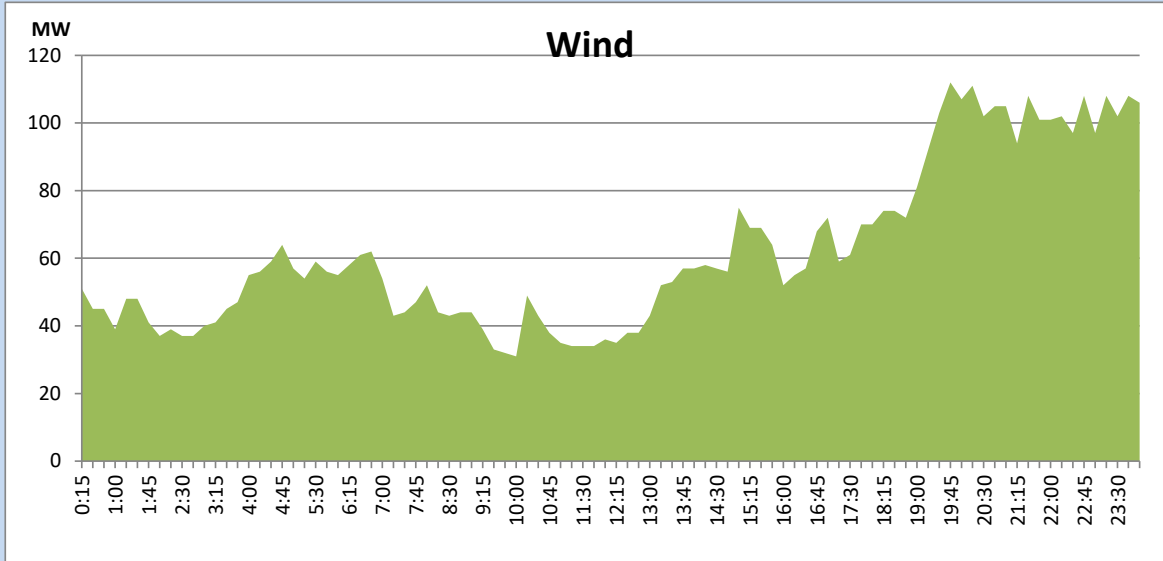
August 12, 2022



Wind Generation during the Previous day

August 12, 2022

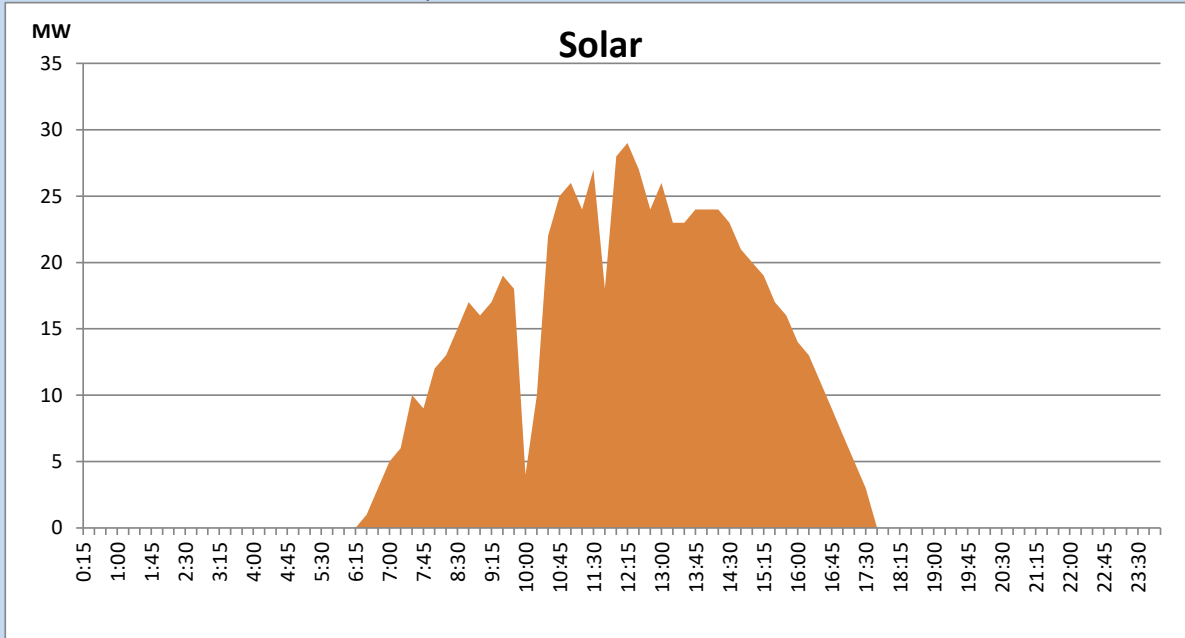
Based on Telemetered Power Stations only



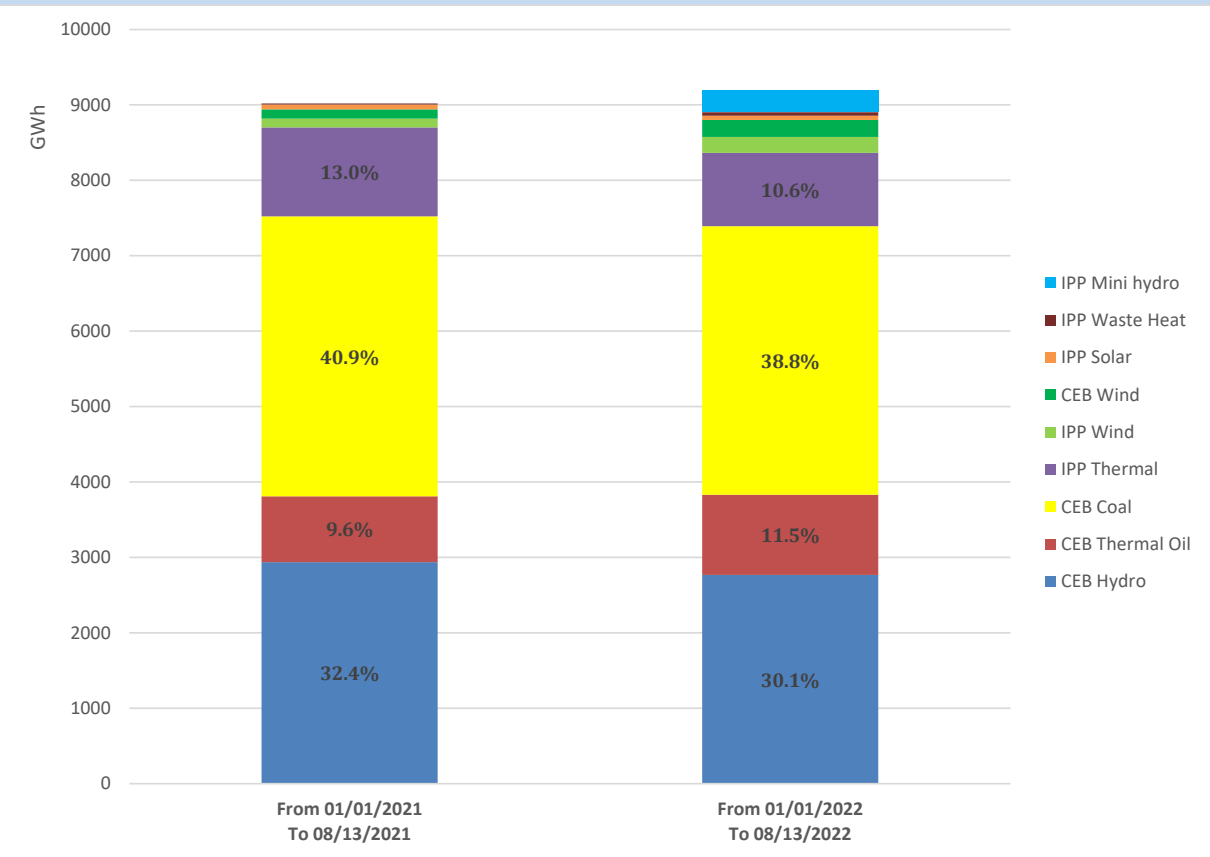
Solar Generation during the Previous day

August 12, 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 14, 2022

- 1) Rotational manual load shedding was carried out from 18:00hrs to 21:00hrs.