

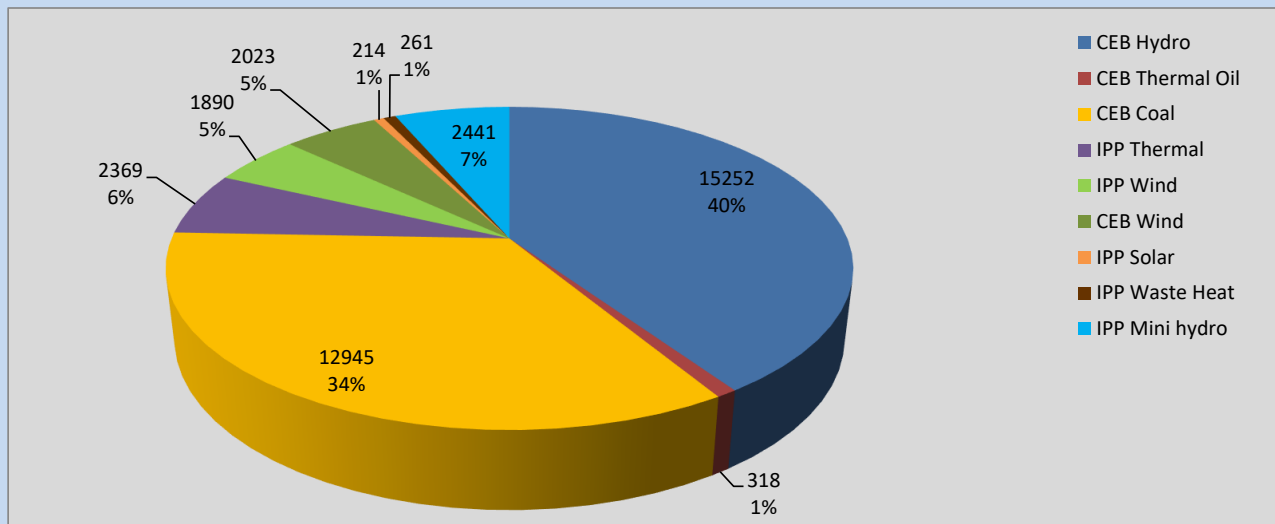
Generation and Reservoirs Statistics

May 17, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

37,713 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

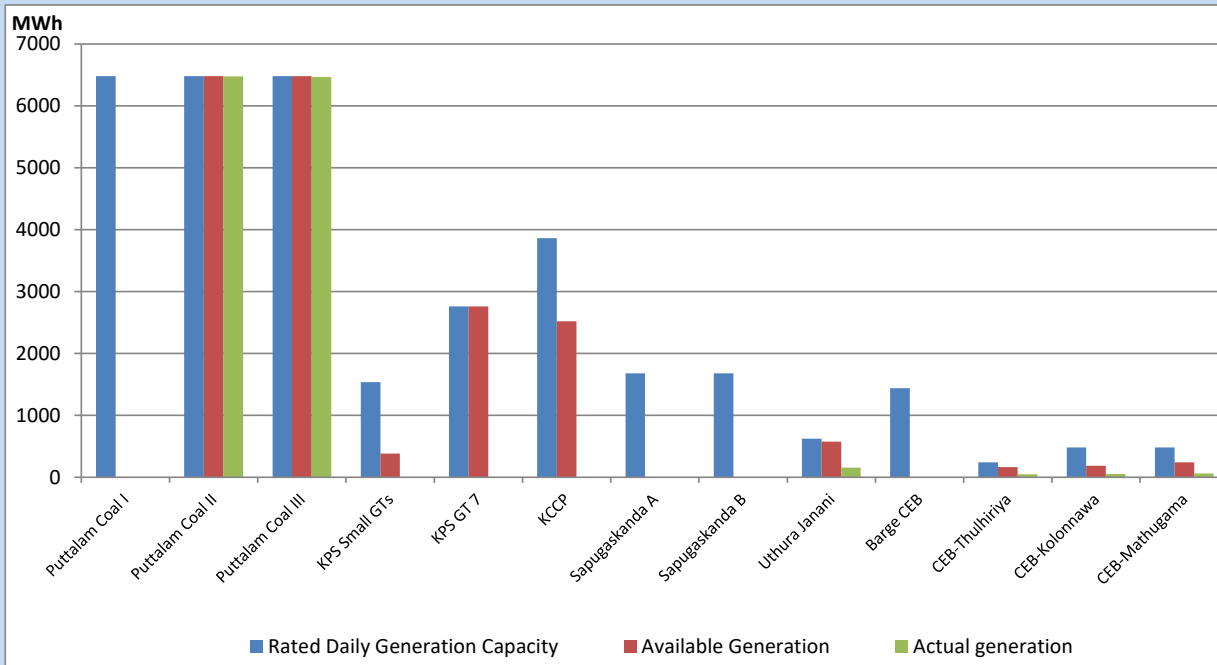
Category	Dispatch (GWh)	Percentage
CEB Hydro	223.06	33.53%
CEB Thermal Oil	68.38	10.28%
CEB Coal	223.56	33.61%
IPP Thermal	64.74	9.73%
SPP Wind	23.62	3.55%
CEB Wind	24.72	3.72%
SPP Solar	4.00	0.60%
SPP Solid Waste	4.46	0.67%
Mini Hydro	28.63	4.30%
Total	665.17	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,371.3	23.97%
CEB Thermal Oil	853.9	14.93%
CEB Coal	2,343.9	40.97%
IPP Thermal	793.0	13.86%
SPP Wind	74.6	1.30%
CEB Wind	90.4	1.58%
SPP Solar	35.3	0.62%
SPP Solid Waste	28.3	0.49%
Mini Hydro	130.7	2.28%
Total	5,721.1	

CEB owned Thermal Plant Dispatch

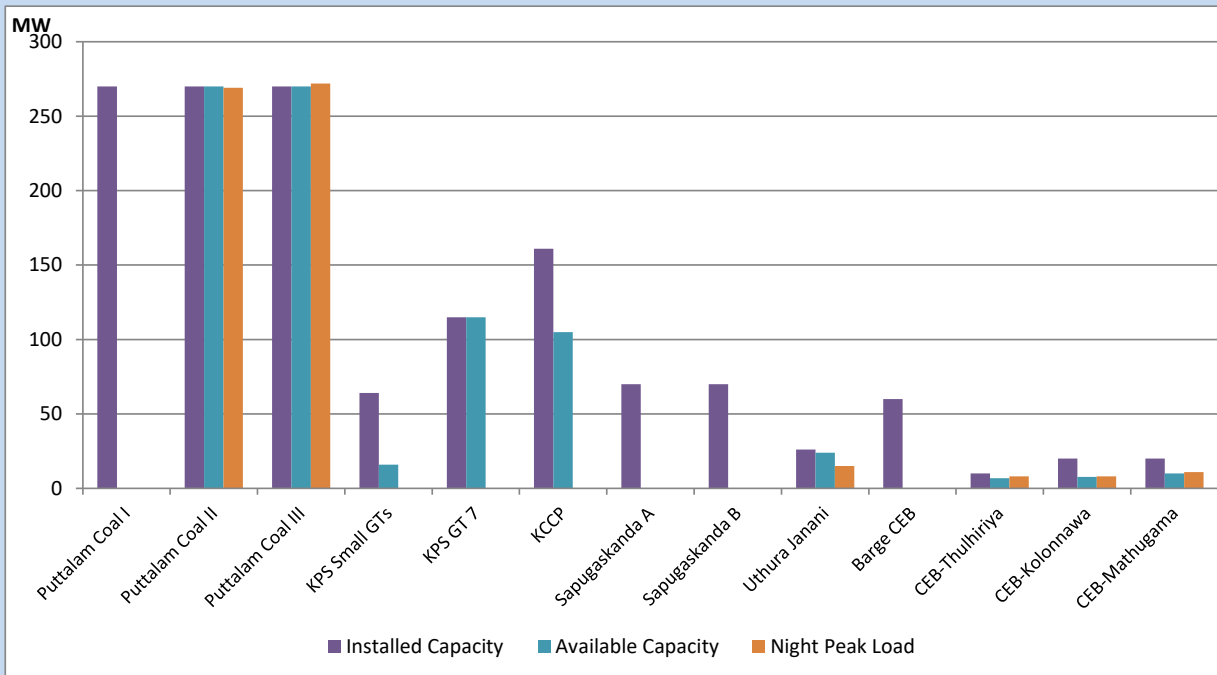
May 17, 2022



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

May 18, 2022

CEB owned Thermal Plant Loading at the Night Peak



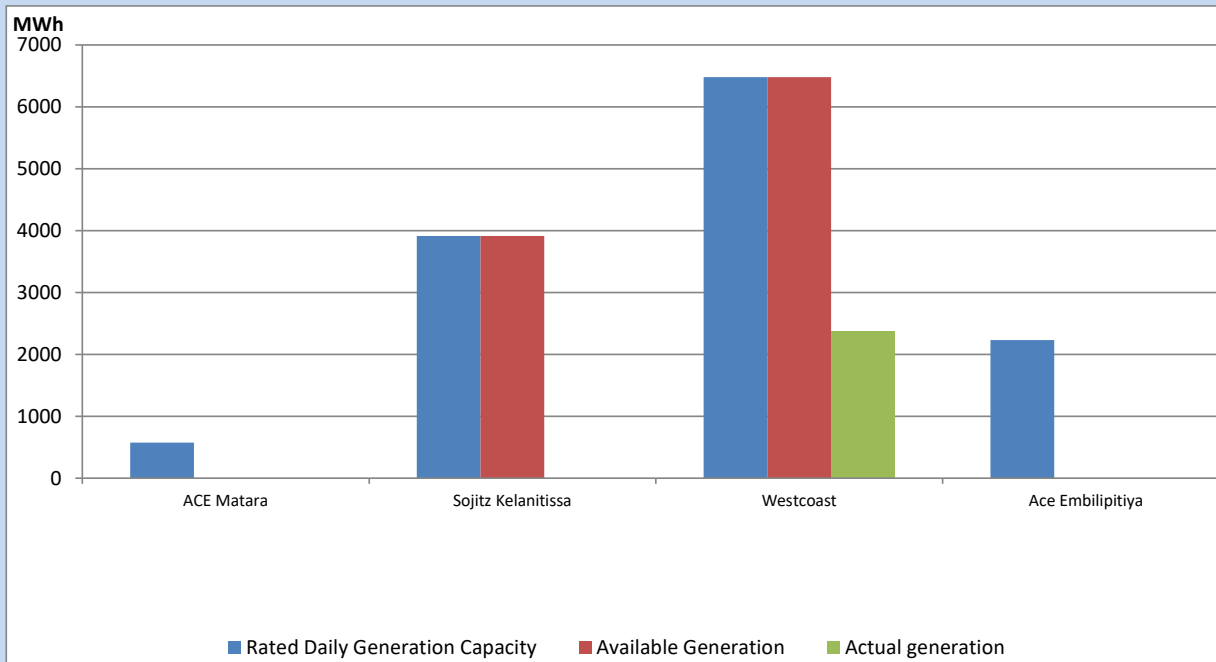
Note- Plant availability is recorded at 6.00 am on

May 18, 2022

IPP owned Thermal Plant Dispatch

May 17, 2022

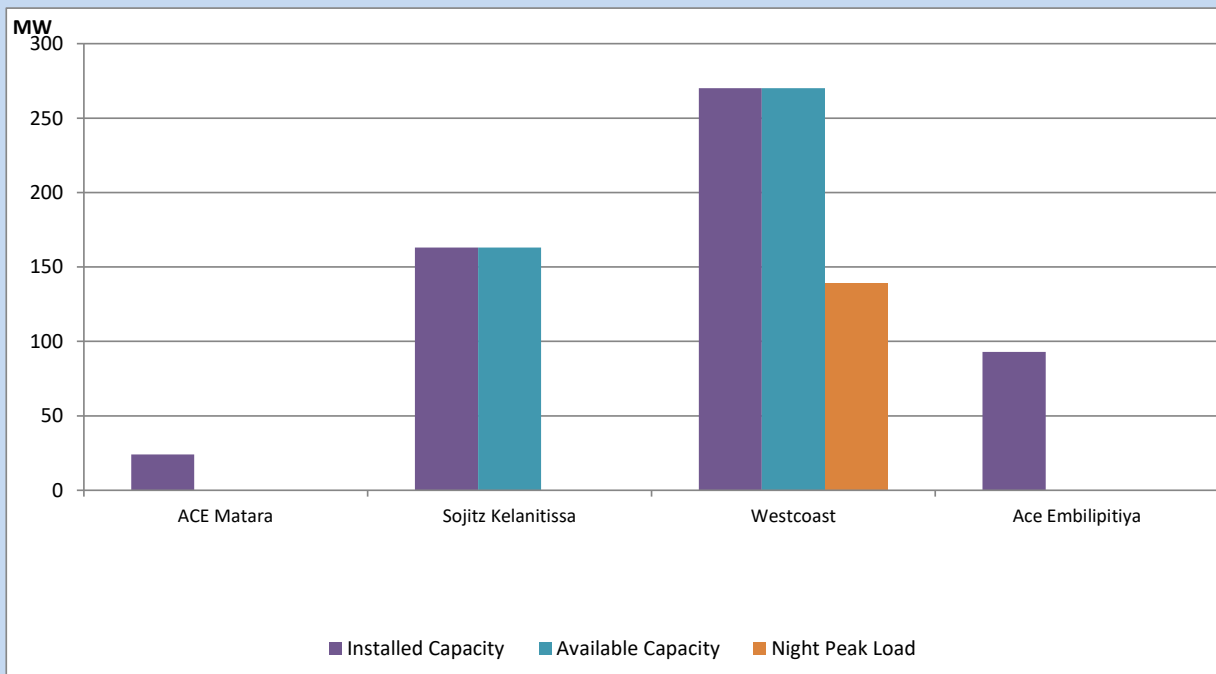
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

May 18, 2022

IPP owned Thermal Plant Loading at the Night Peak

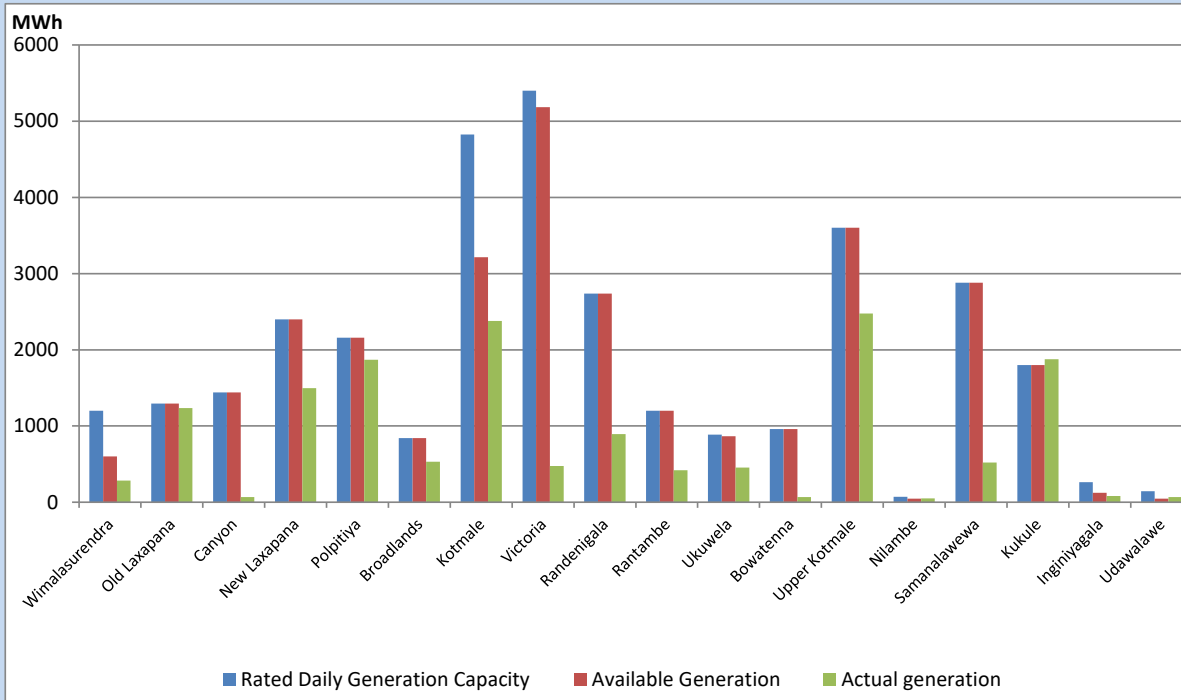


Note- Plant availability is recorded at 6.00 am on

May 18, 2022

Major Hydro Plant Dispatch

May 17, 2022

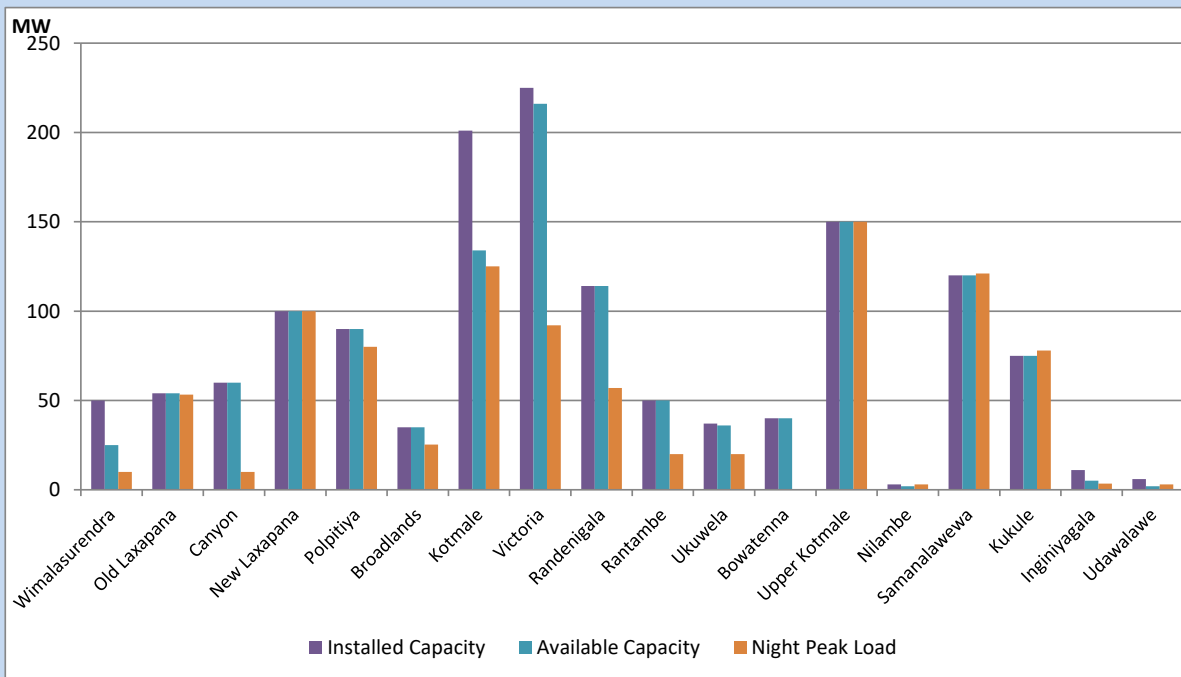


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

May 18, 2022

Major Hydro Plant Loading at Night Peak

May 17, 2022



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

May 18, 2022

Summary of Major Plant performance

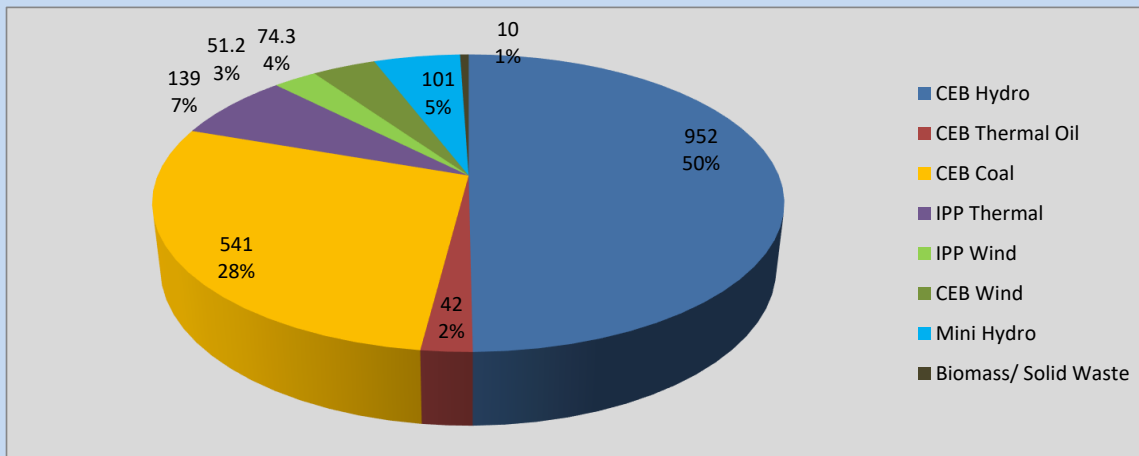
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	10	285
Old Laxapana	54	54	53	1,236
Canyon	60	60	10	68
New Laxapana	100	100	100	1,498
Polpitiya	90	90	80	1,869
Broadlands	35	35	25	530
Kotmale	201	134	125	2,380
Victoria	225	216	92	475
Randenigala	114	114	57	895
Rantambe	50	50	20	419
Ukuwela	37	36	20	455
Bowatenna	40	40	0	69
Upper Kotmale	150	150	150	2,476
Nilambe	3	2	3	50
Samanalawewa	120	120	121	519
Kukule	75	75	78	1,876
Inginiyagala	11	5	4	83
Udawalawe	6	2	3	69
Puttalam Coal I	270	0	0	0
Puttalam Coal II	270	270	269	6,477
Puttalam Coal III	270	270	272	6,468
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	105	0	0
Sapugaskanda A	70	0	0	0
Sapugaskanda B	70	0	0	0
Uthura Janani	26	24	15	156
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	7	8	47
CEB-Kolonnawa	20	8	8	54
CEB-Mathugama	20	10	11	61
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	163	0	0
West Coast	270	270	139	2,369
ACE Embilipitiya	93	0	0	0
Total	3,397	2,566	1,909	37,713

Plant availability is the availability recorded at 6 am on

May 18, 2022

Contribution to the Night Peak in MW

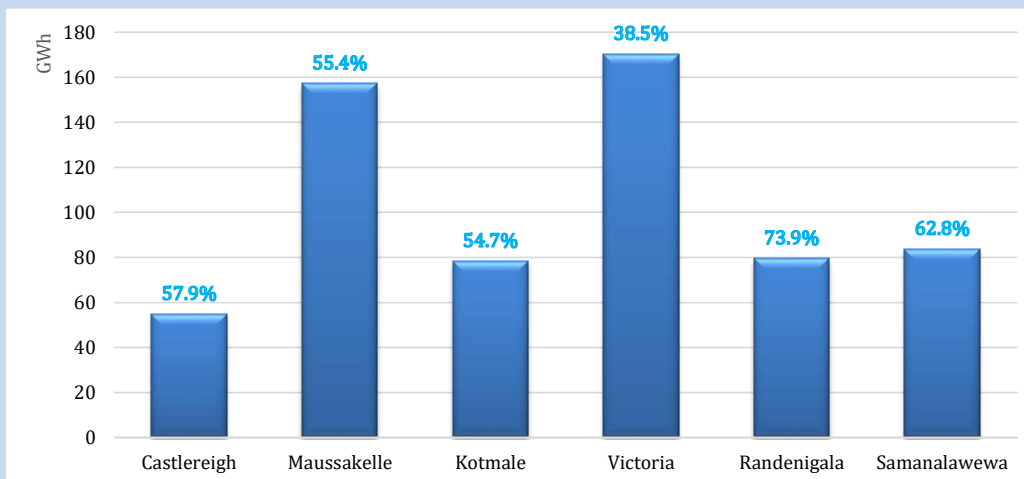
May 17, 2022



Night Peak*	1,910.4 MW
Day Peak	1,773.6 MW
Minimum Demand	1,089.1 MW

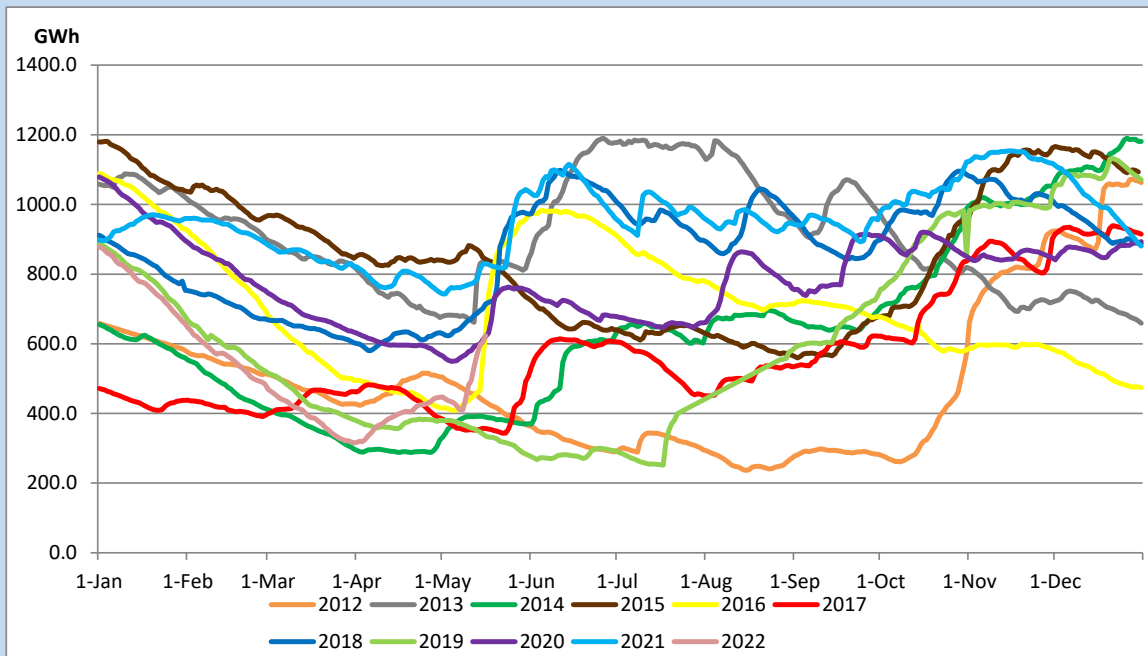
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

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



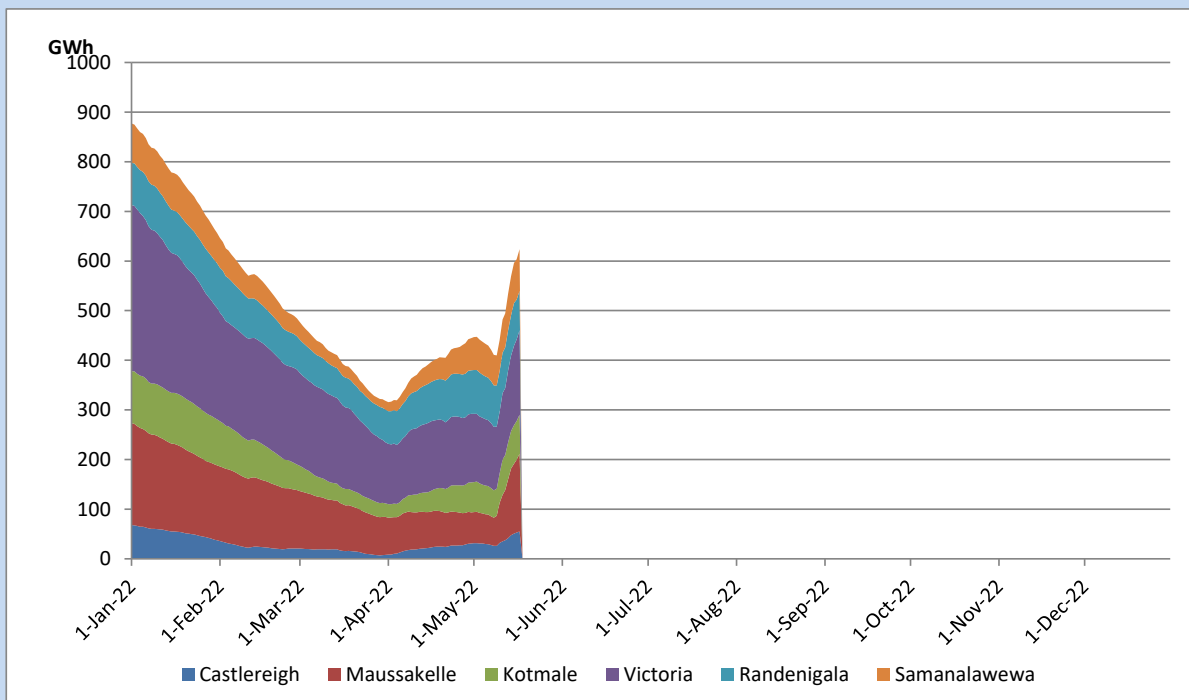
Total Reservoir Level	623.8 GWh
% of Total capacity	51.8%

Comparison of Total Reservoir Storage Levels with Past Years

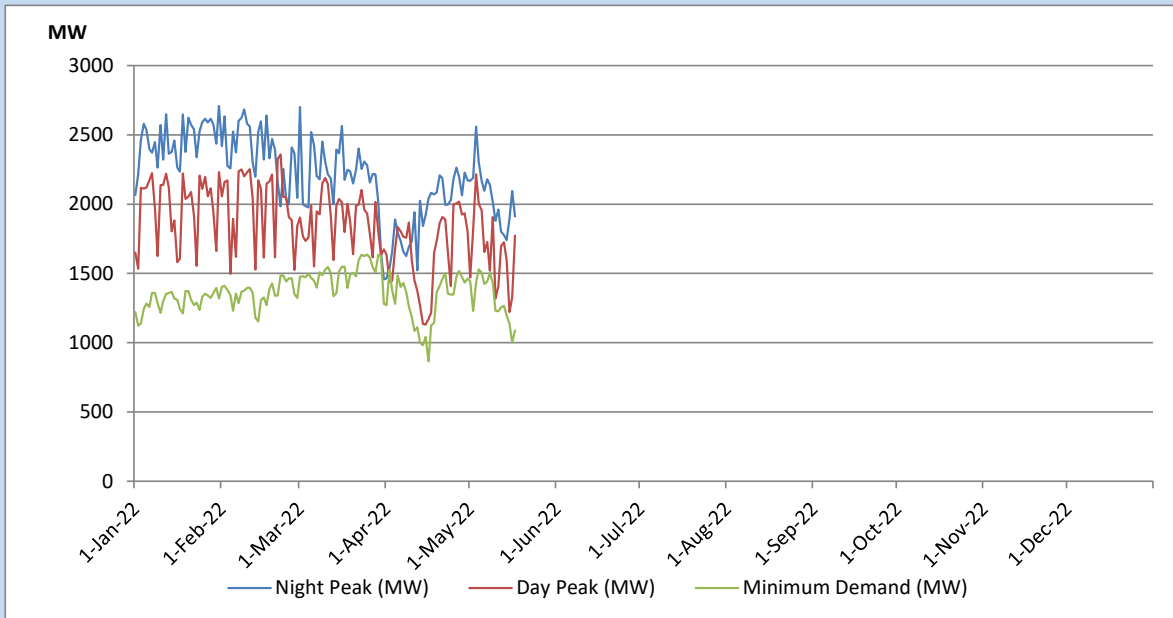


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

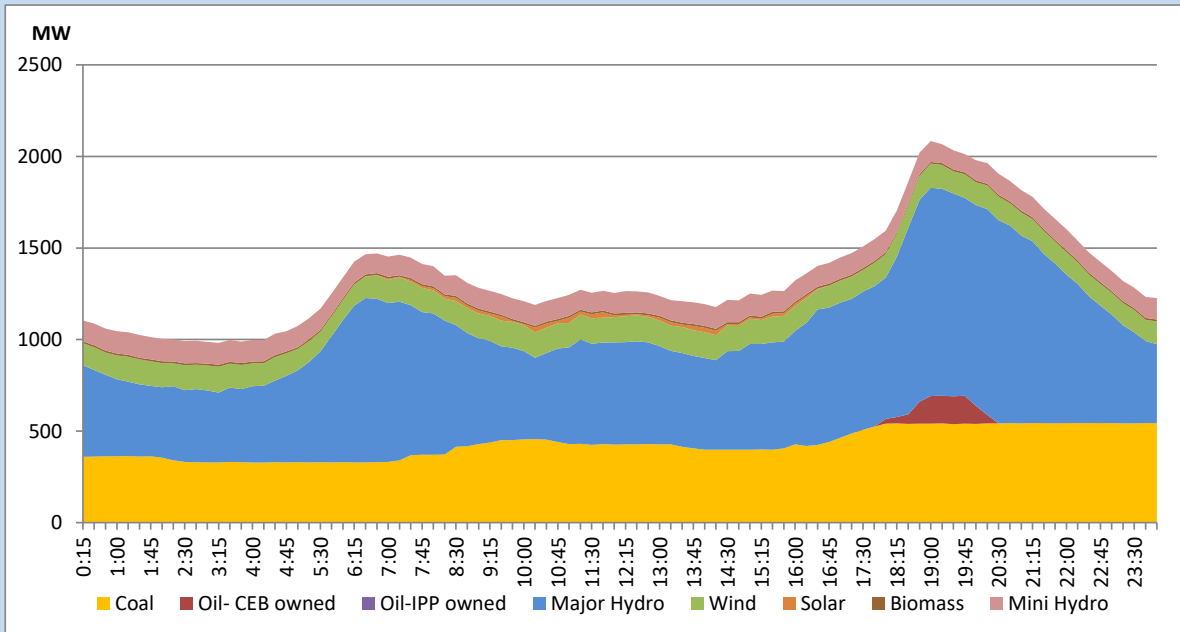


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

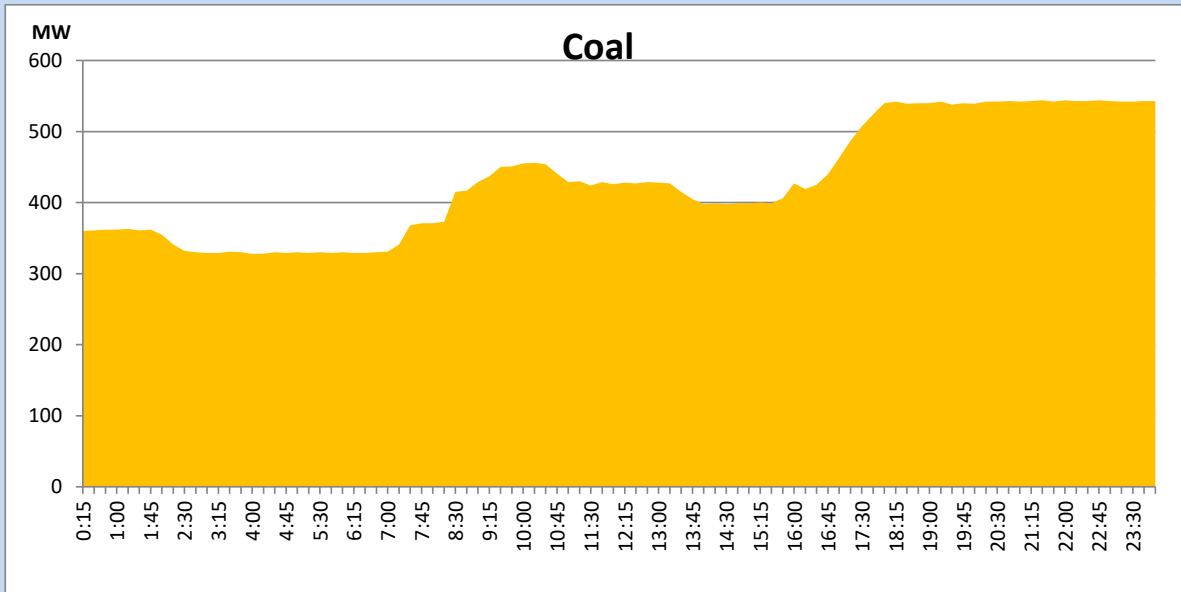
May 16, 2022

Solar and wind data is based on Telemetered Power Stations only



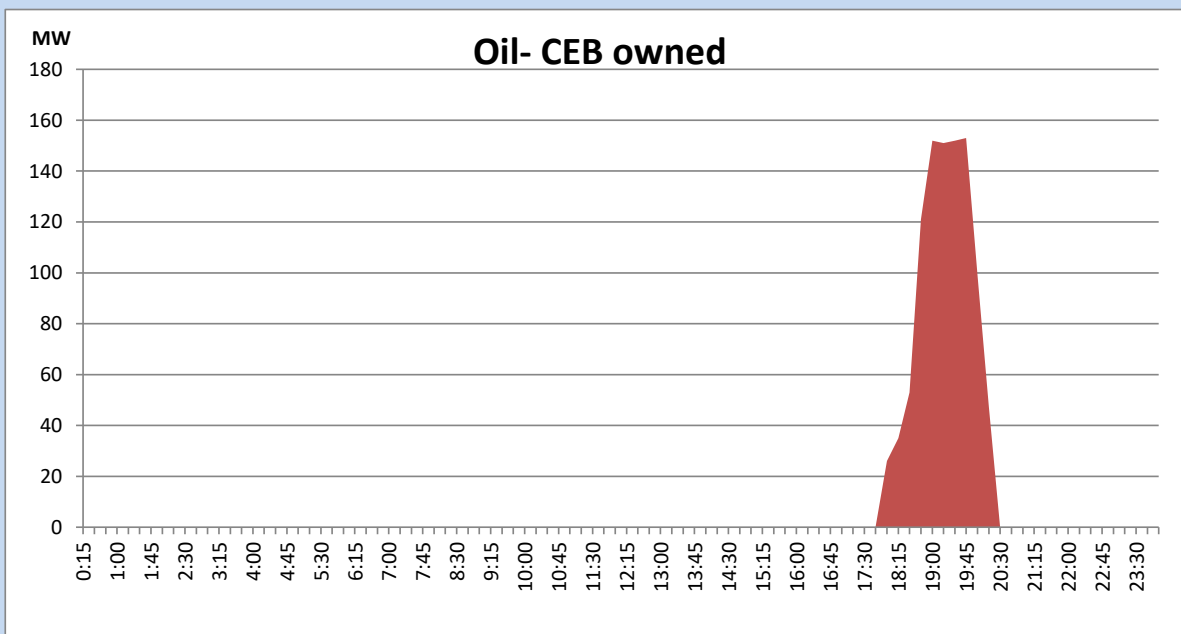
Coal Generation during the Previous day

May 16, 2022



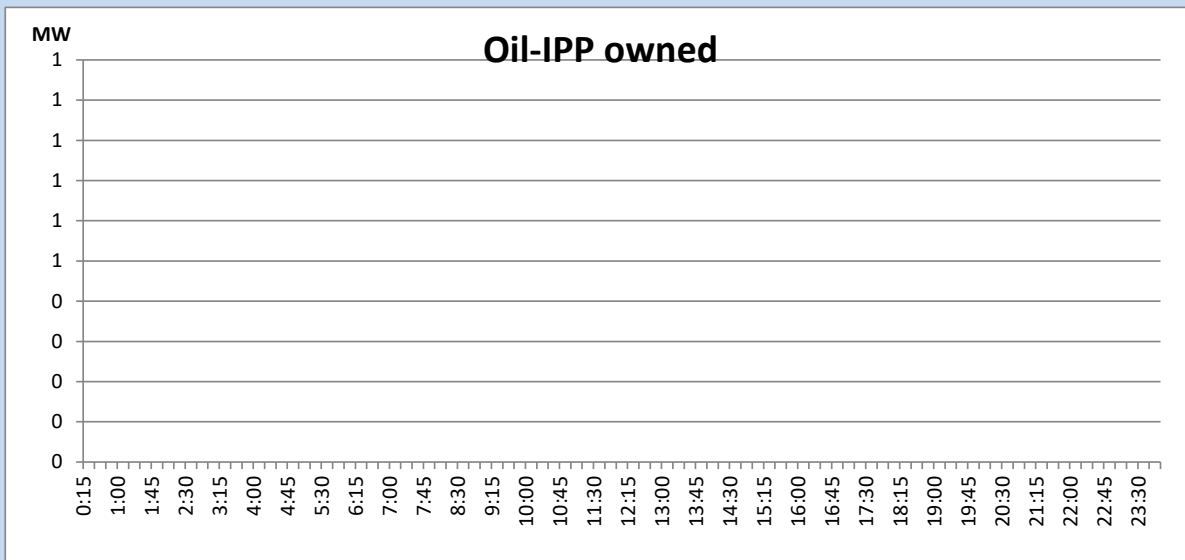
CEB Oil Plant Generation during the Previous day

May 16, 2022



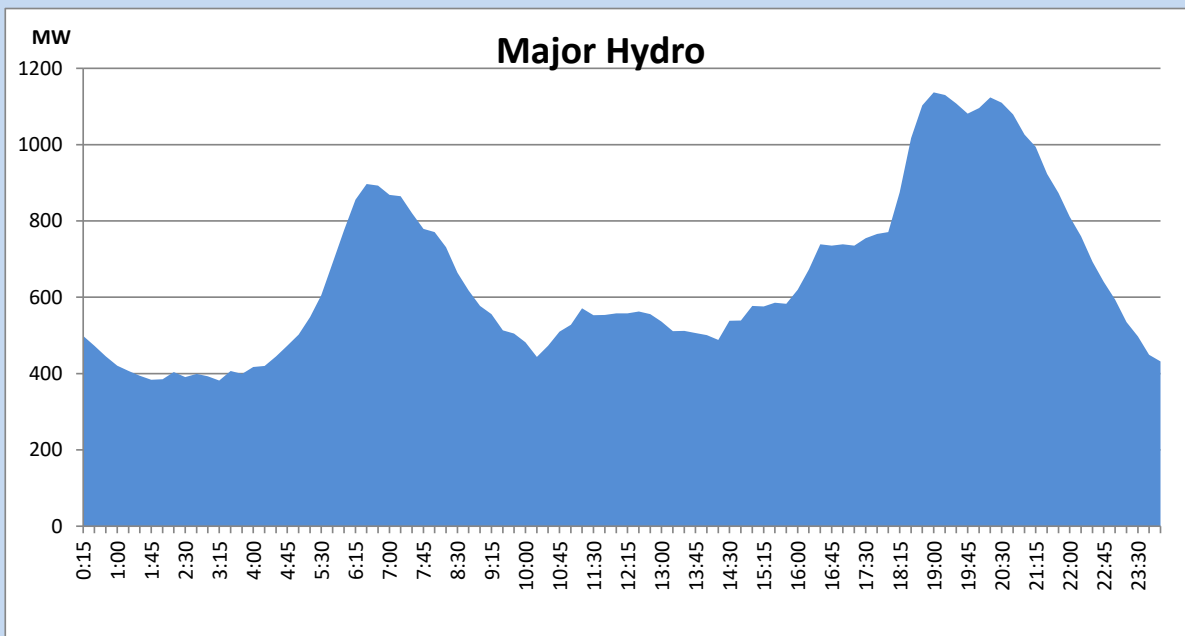
IPP Oil Plant Generation during the Previous day

May 16, 2022



Major Hydro Generation during the Previous day

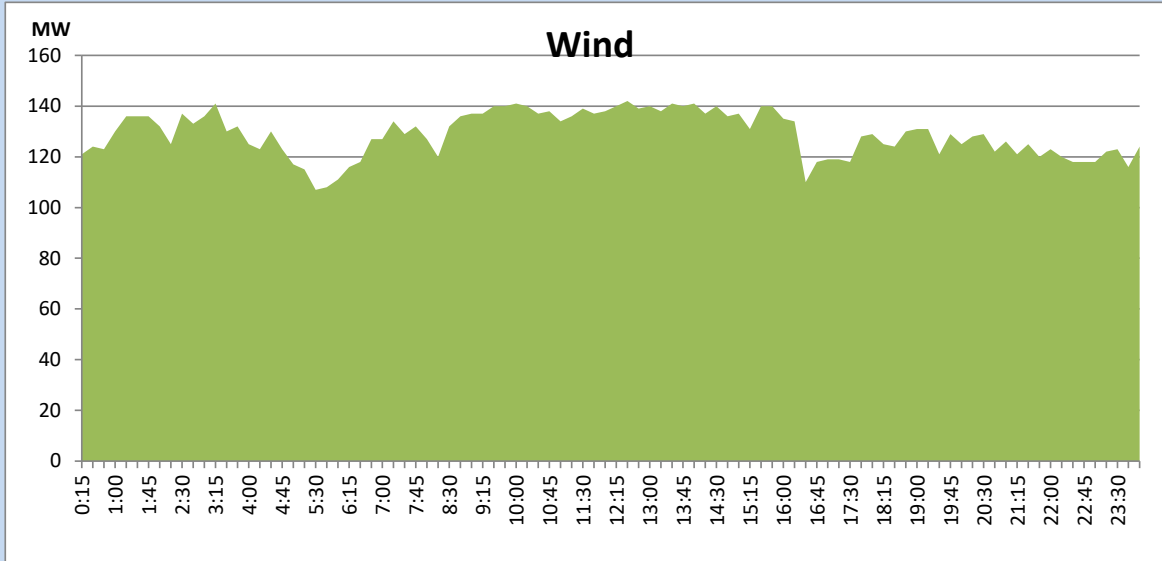
May 16, 2022



Wind Generation during the Previous day

May 16, 2022

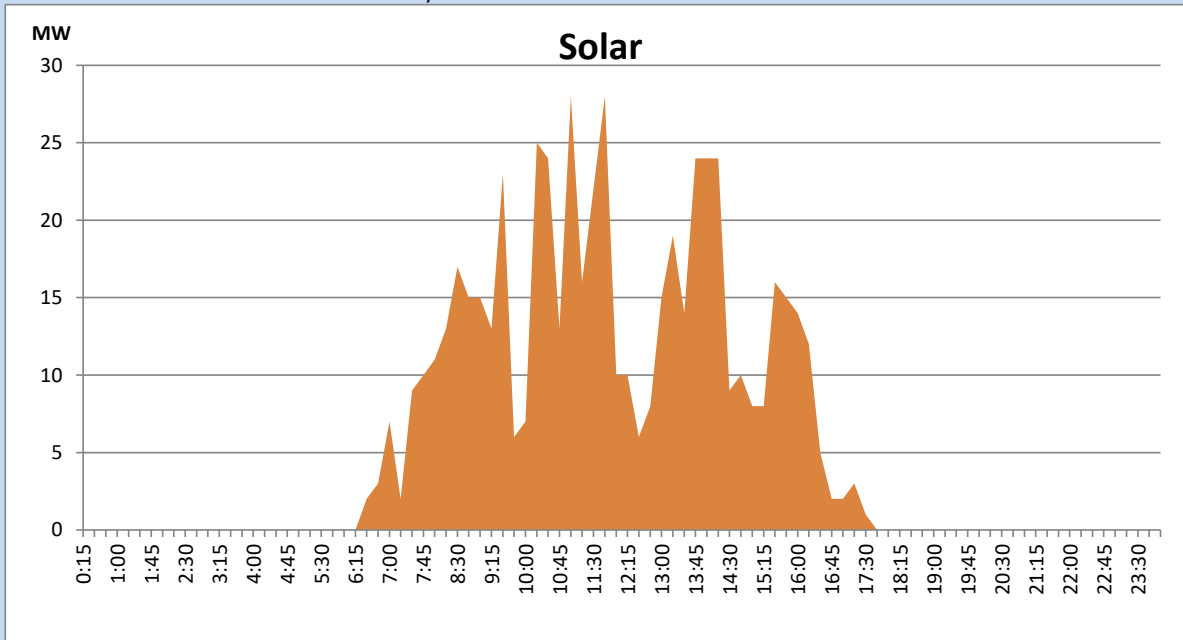
Based on Telemetered Power Stations only



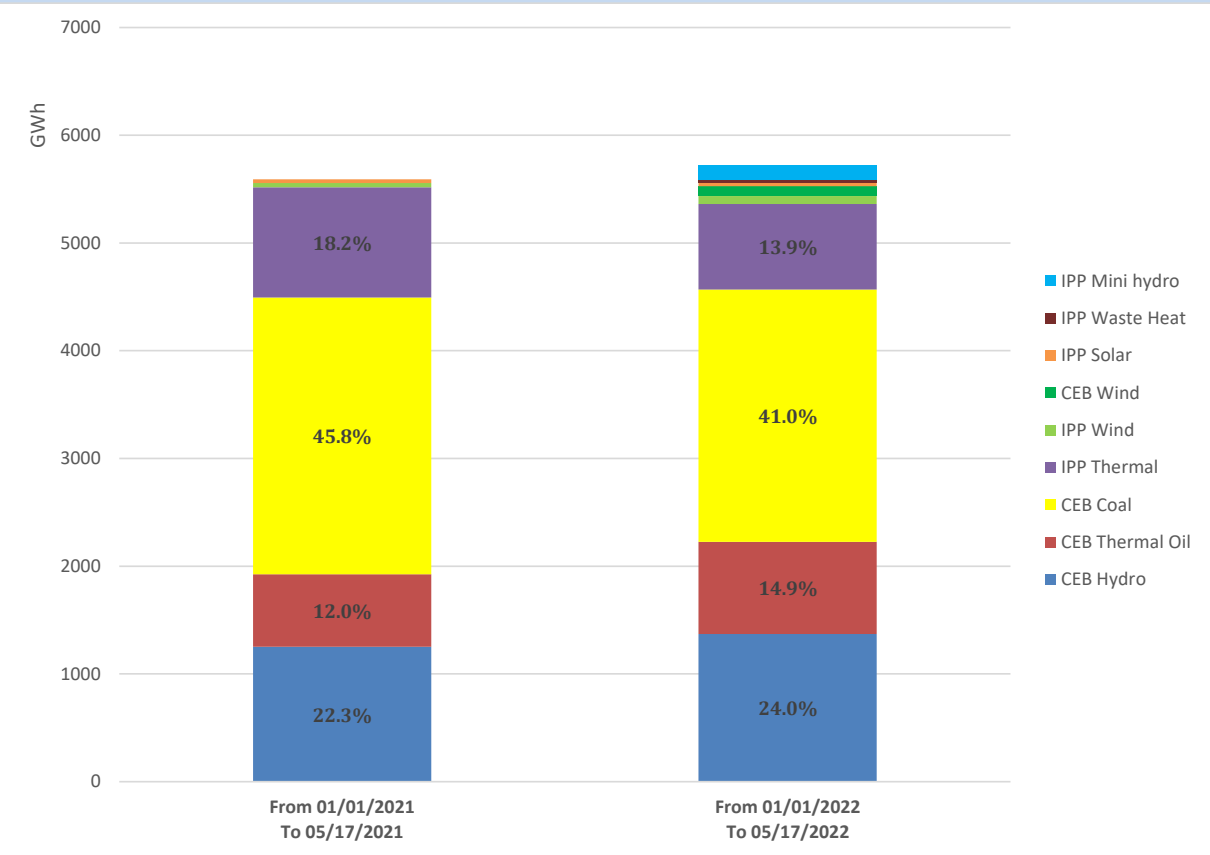
Solar Generation during the Previous day

May 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	Heavy Fuel
ACE Matara	Heavy Fuel
ACE Embilipitiya	Heavy Fuel

Major Incidents during the day -as reported by CEB morning of

May 18, 2022

- 1) Nadukuda GSS 33kV B/S and 33KV Feeder 06 tripped at 16:16 hrs and 33kV B/S energized 20:30 hrs. F 06 yet to be energized.
- 2) Rotational manual load shedding carried from 5:00 hrs to 22:00 hrs.