

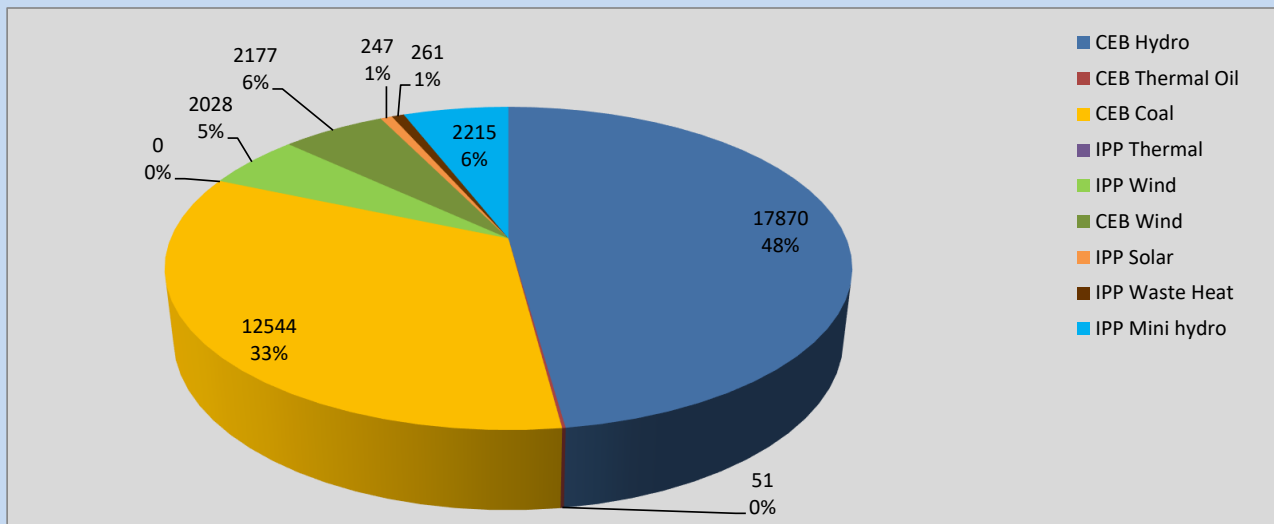
Generation and Reservoirs Statistics

May 14, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **37,393 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

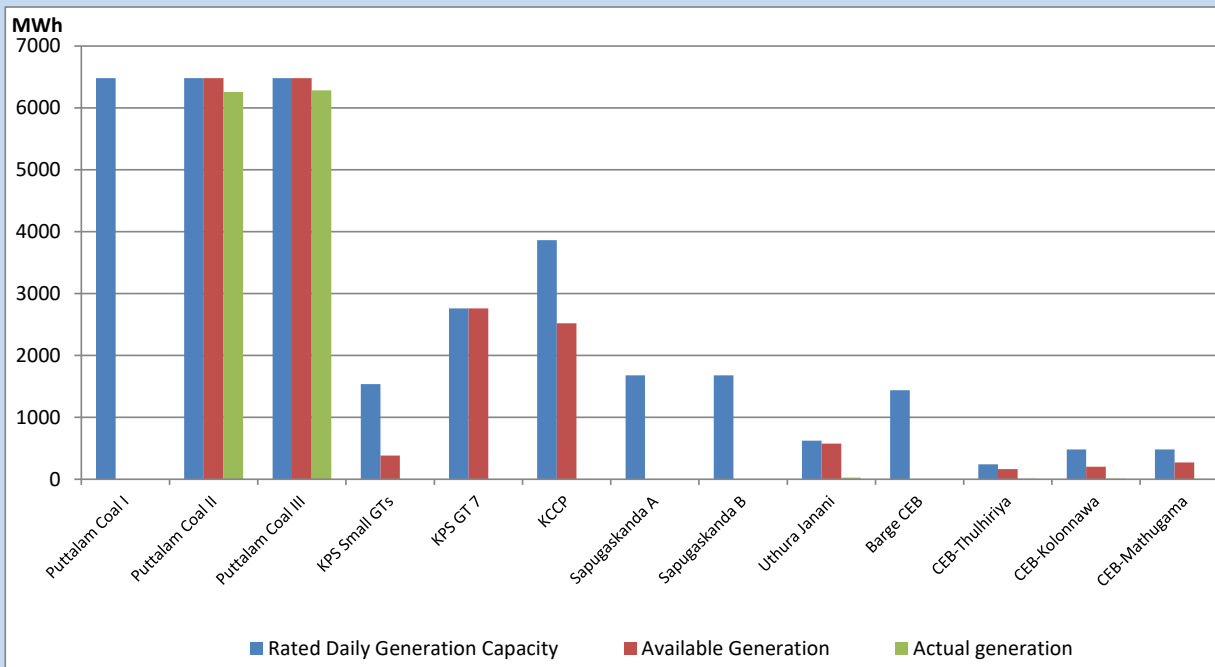
Category	Dispatch (GWh)	
CEB Hydro	176.50	31.43%
CEB Thermal Oil	67.62	12.04%
CEB Coal	190.46	33.91%
IPP Thermal	62.37	11.11%
SPP Wind	17.82	3.17%
CEB Wind	18.44	3.28%
SPP Solar	3.37	0.60%
SPP Solid Waste	3.66	0.65%
Mini Hydro	21.37	3.81%
Total	561.61	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	1,324.8	23.58%
CEB Thermal Oil	853.1	15.19%
CEB Coal	2,310.8	41.14%
IPP Thermal	790.6	14.07%
SPP Wind	68.8	1.22%
CEB Wind	84.1	1.50%
SPP Solar	34.7	0.62%
SPP Solid Waste	27.5	0.49%
Mini Hydro	123.4	2.20%
Total	5,617.6	

CEB owned Thermal Plant Dispatch

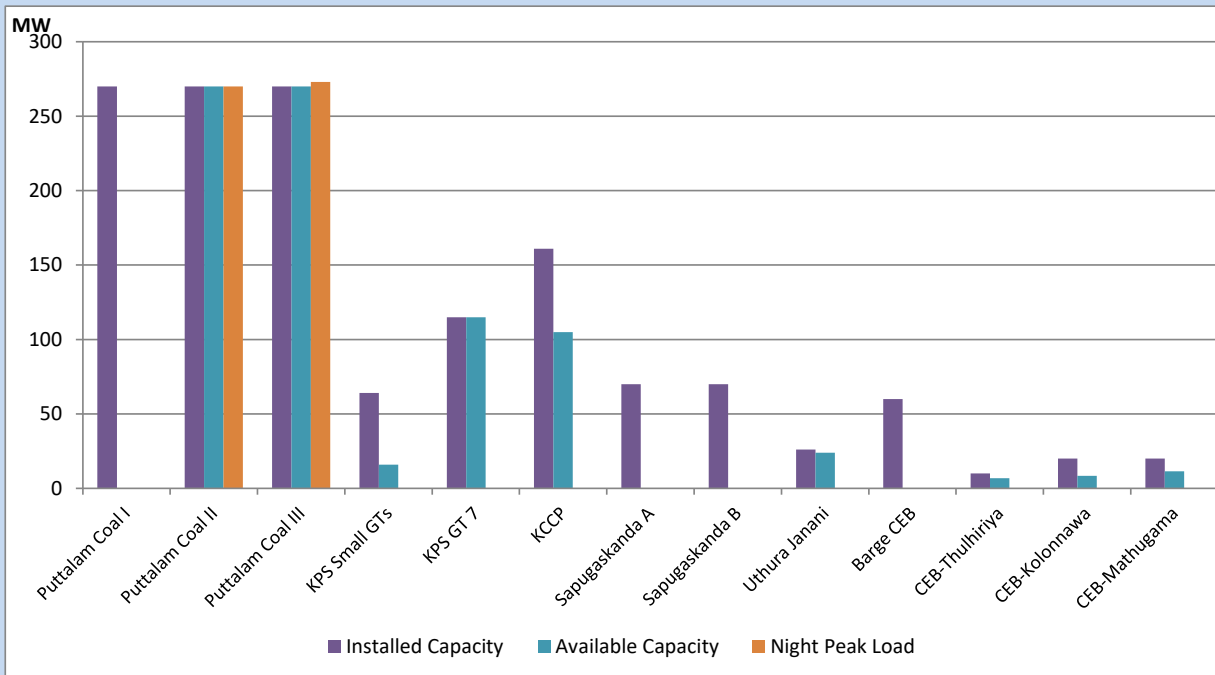
May 14, 2022



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

May 15, 2022

CEB owned Thermal Plant Loading at the Night Peak



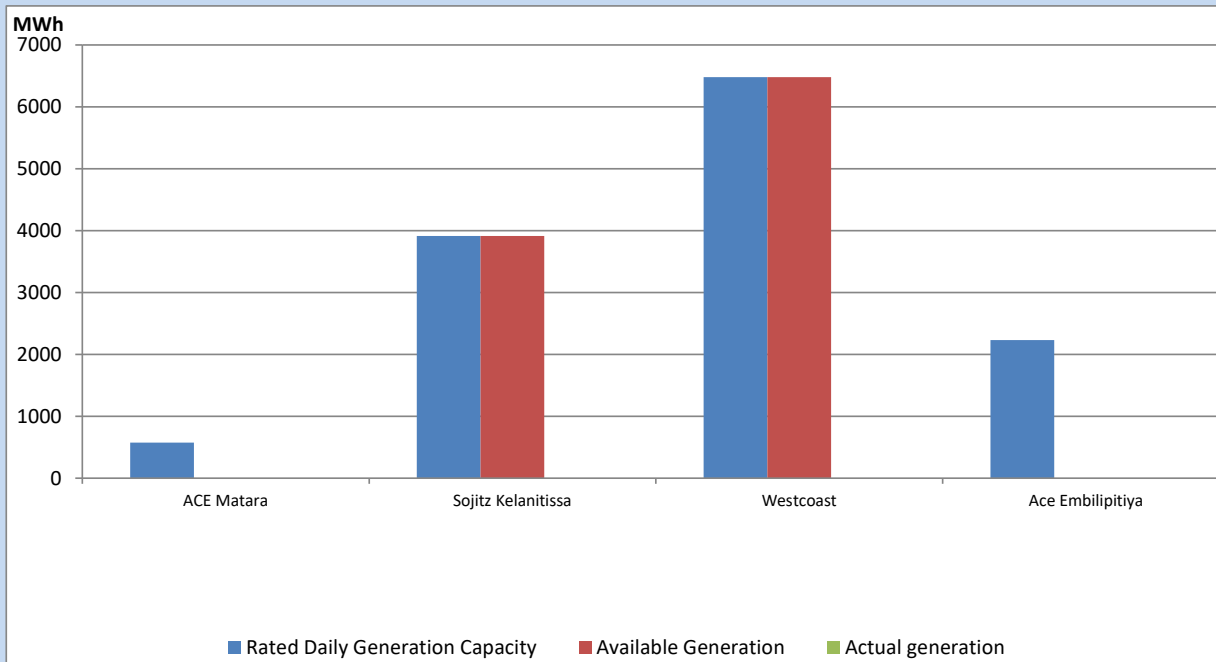
Note- Plant availability is recorded at 6.00 am on

May 15, 2022

IPP owned Thermal Plant Dispatch

May 14, 2022

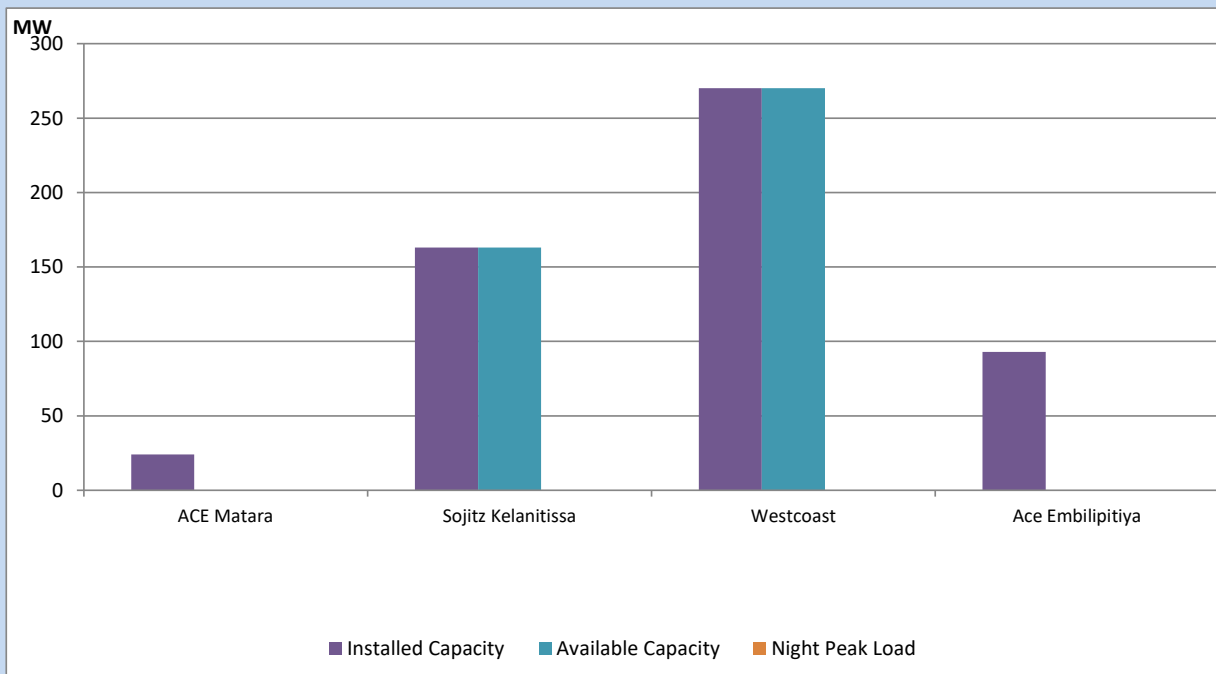
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

May 15, 2022

IPP owned Thermal Plant Loading at the Night Peak

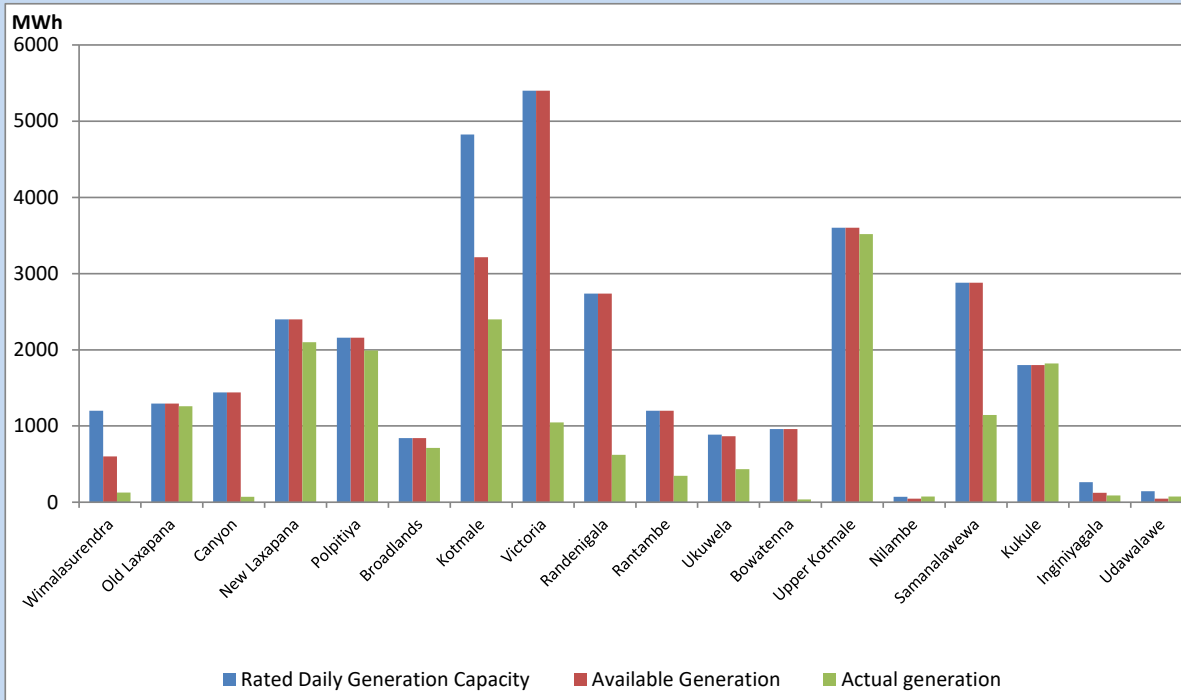


Note- Plant availability is recorded at 6.00 am on

May 15, 2022

Major Hydro Plant Dispatch

May 14, 2022

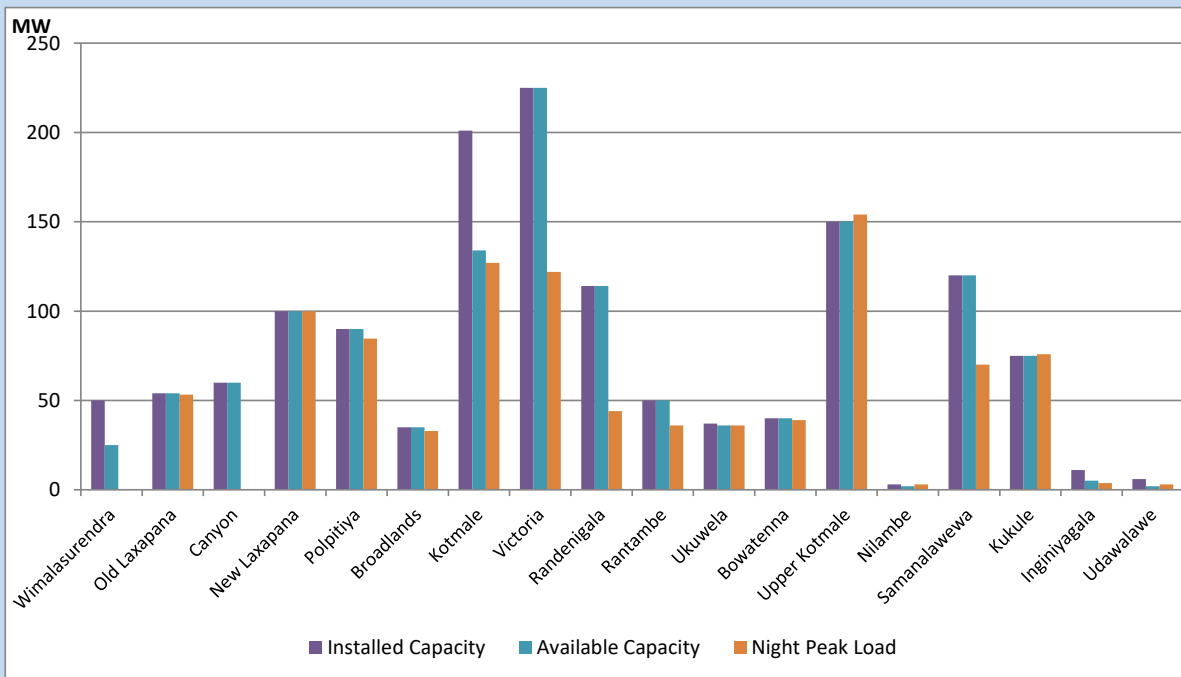


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

May 15, 2022

Major Hydro Plant Loading at Night Peak

May 14, 2022



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

May 15, 2022

Summary of Major Plant performance

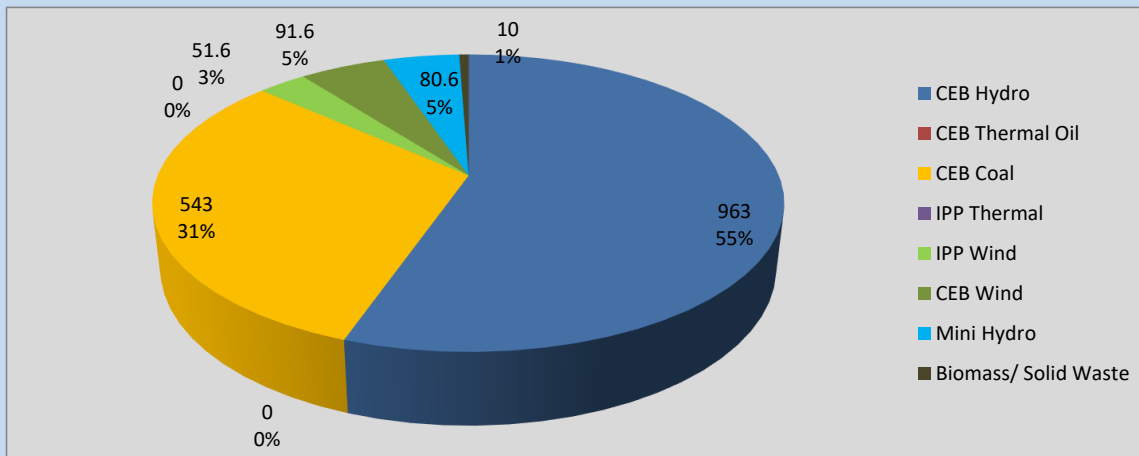
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	0	128
Old Laxapana	54	54	53	1,259
Canyon	60	60	0	71
New Laxapana	100	100	100	2,099
Polpitiya	90	90	85	1,993
Broadlands	35	35	33	711
Kotmale	201	134	127	2,400
Victoria	225	225	122	1,048
Randenigala	114	114	44	622
Rantambe	50	50	36	345
Ukuwela	37	36	36	433
Bowatenna	40	40	39	37
Upper Kotmale	150	150	154	3,519
Nilambe	3	2	3	75
Samanalawewa	120	120	70	1,143
Kukule	75	75	76	1,822
Inginiyagala	11	5	4	90
Udawalawe	6	2	3	75
Puttalam Coal I	270	0	0	0
Puttalam Coal II	270	270	270	6,260
Puttalam Coal III	270	270	273	6,284
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	0	28
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	7	0	9
CEB-Kolonnawa	20	9	0	9
CEB-Mathugama	20	11	0	5
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	163	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	2,577	1,761	37,393

Plant availability is the availability recorded at 6 am on

May 15, 2022

Contribution to the Night Peak in MW

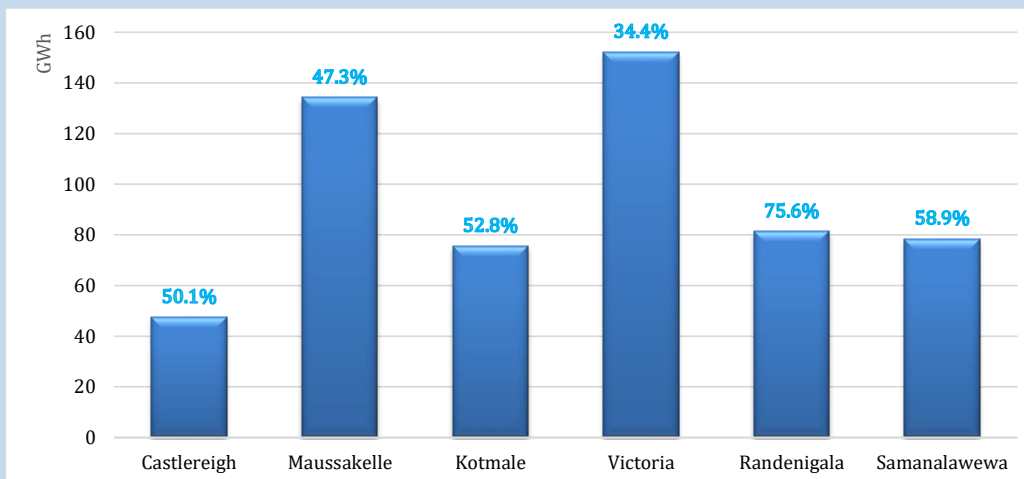
May 14, 2022



Night Peak*	1,740.1 MW
Day Peak	1,598.2 MW
Minimum Demand	1,197.5 MW

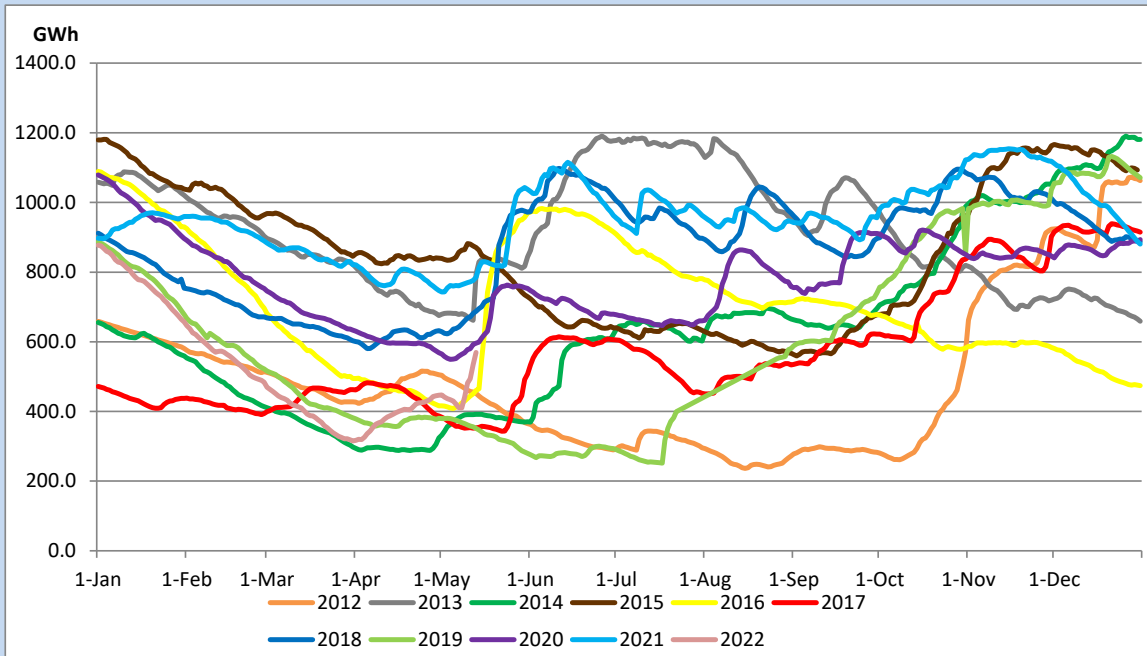
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on May 15, 2022



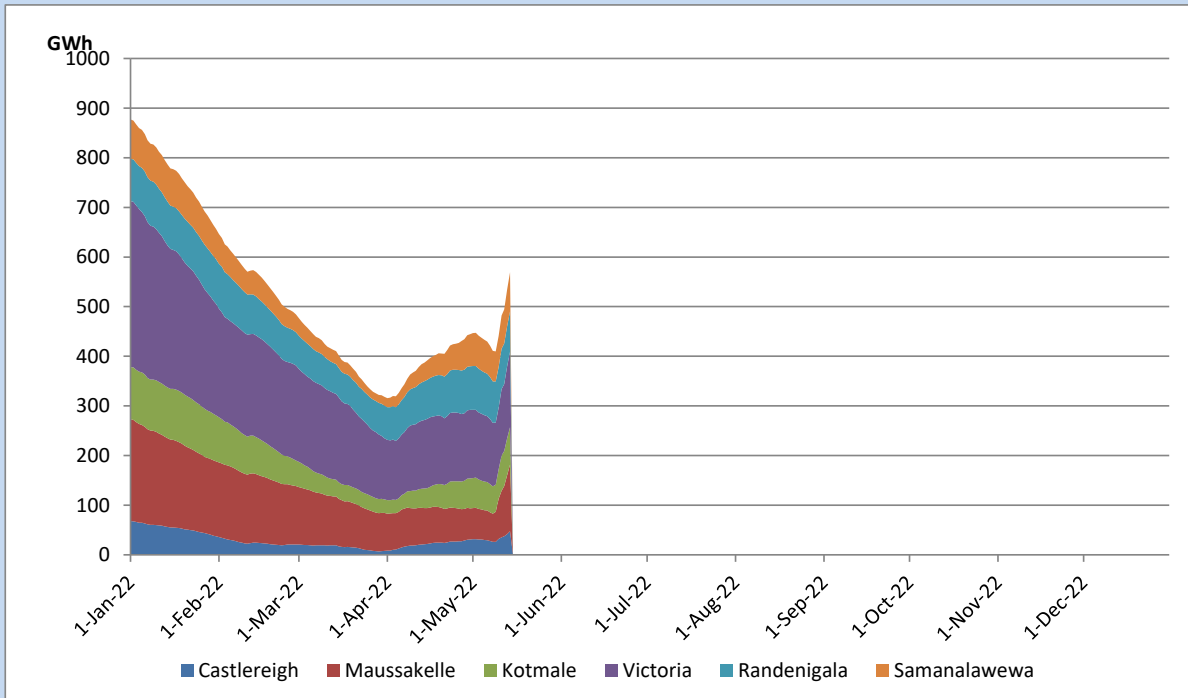
Total Reservoir Level	569.3 GWh
% of Total capacity	53.2%

Comparison of Total Reservoir Storage Levels with Past Years

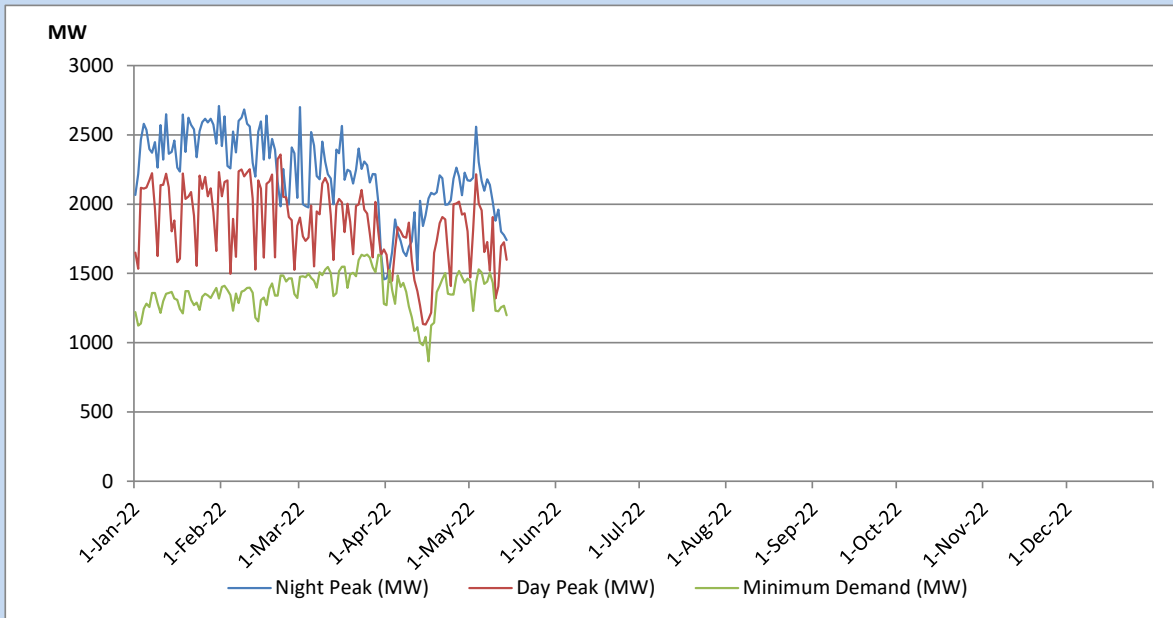


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

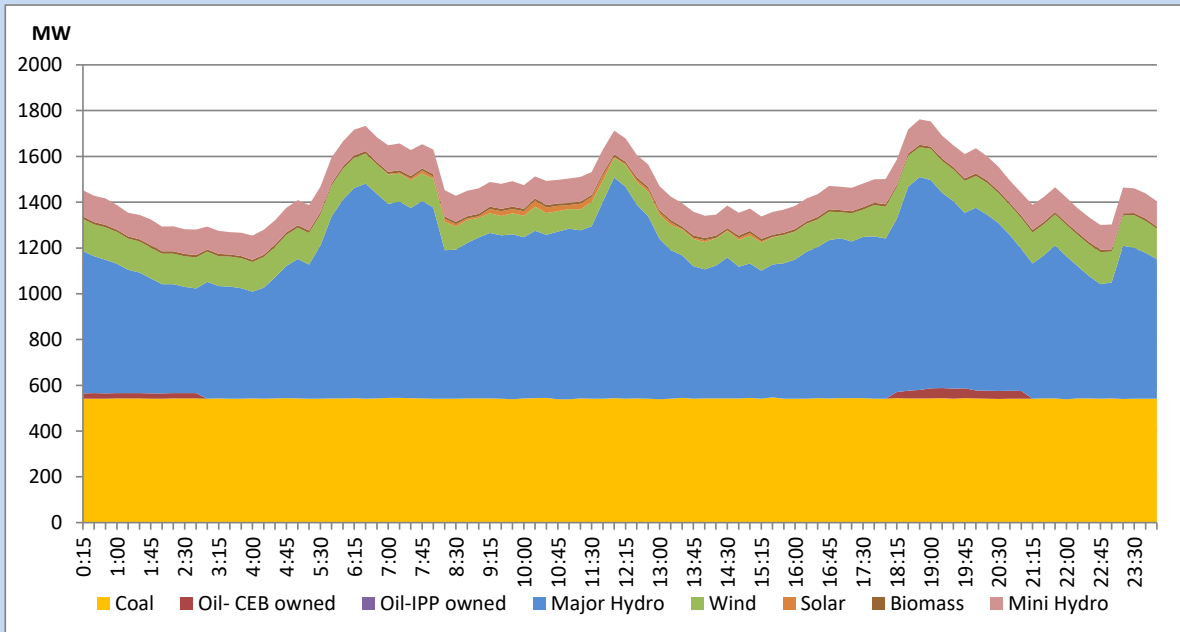


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

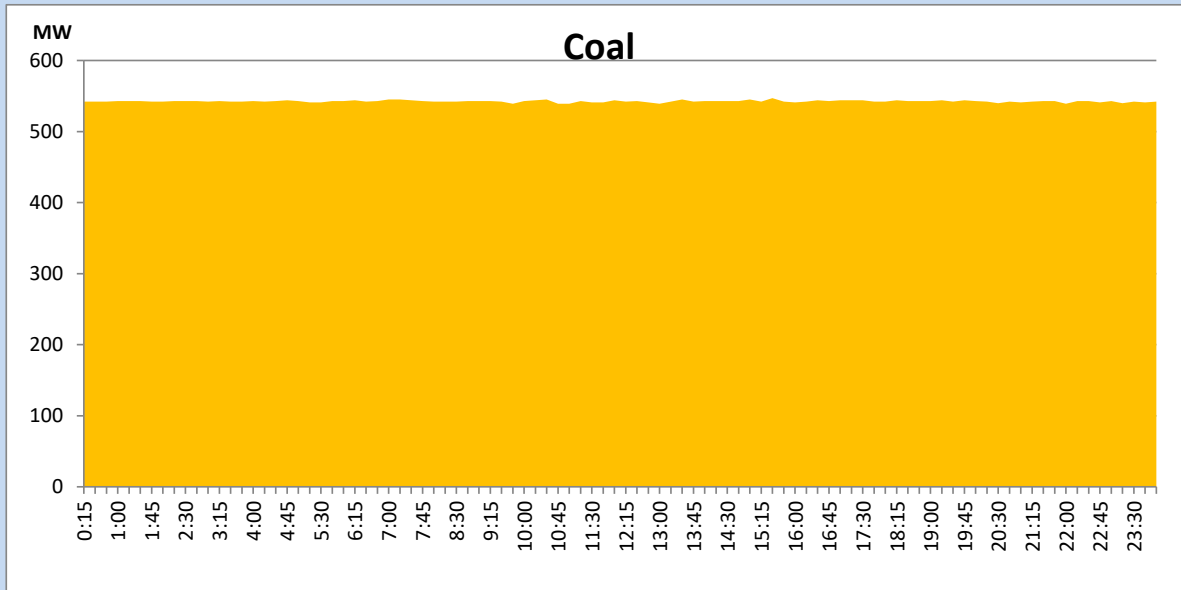
May 13, 2022

Solar and wind data is based on Telemetered Power Stations only



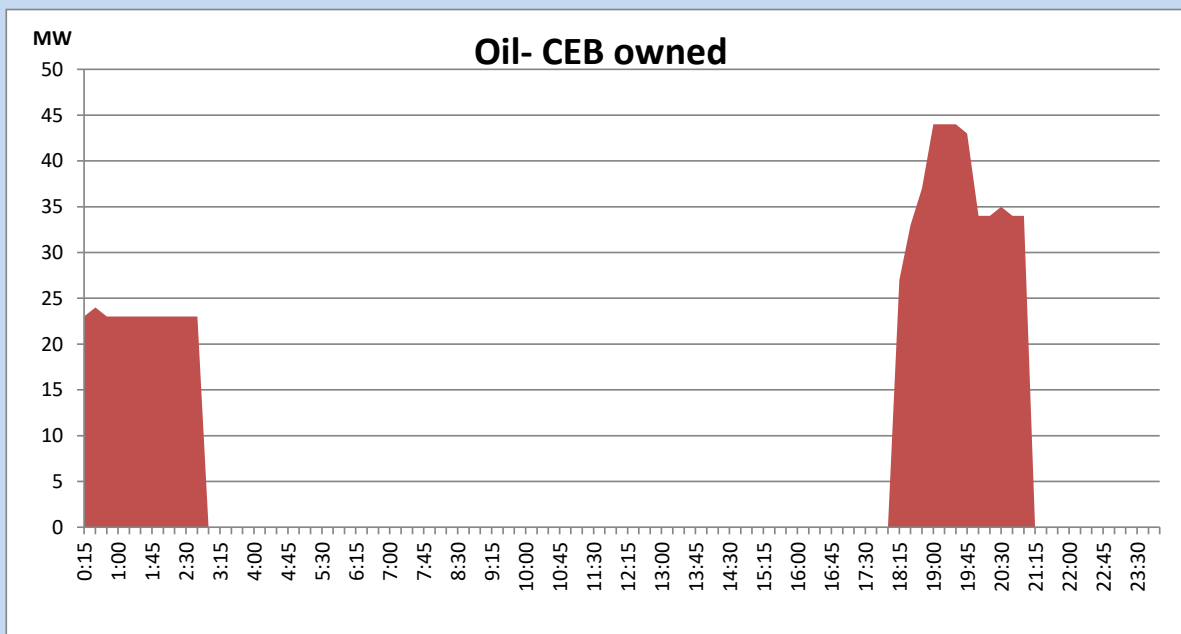
Coal Generation during the Previous day

May 13, 2022



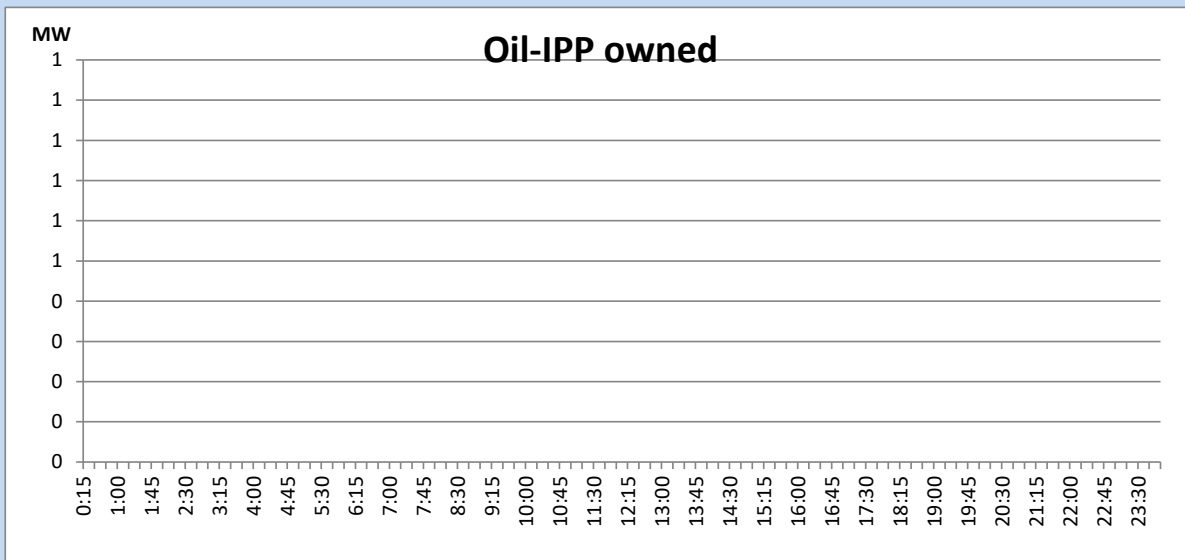
CEB Oil Plant Generation during the Previous day

May 13, 2022



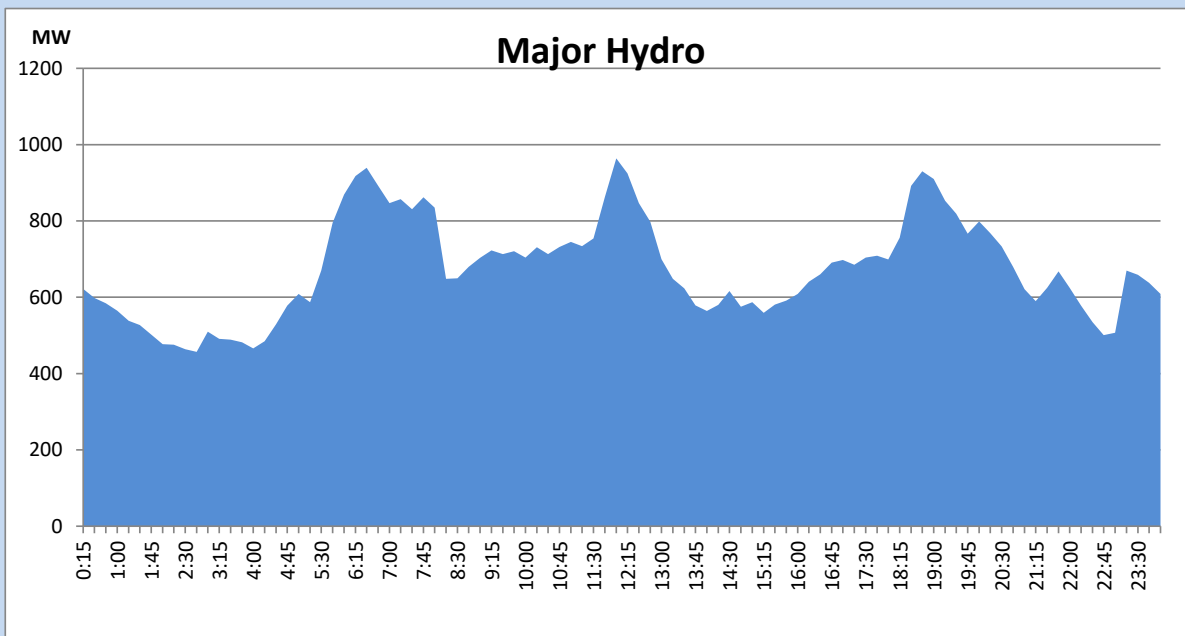
IPP Oil Plant Generation during the Previous day

May 13, 2022



Major Hydro Generation during the Previous day

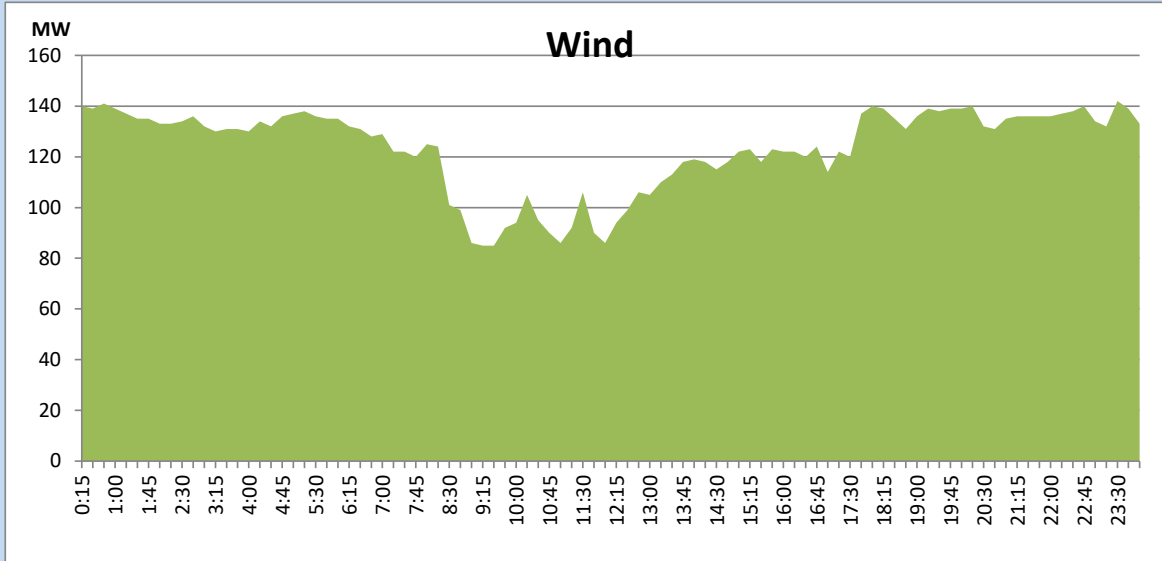
May 13, 2022



Wind Generation during the Previous day

May 13, 2022

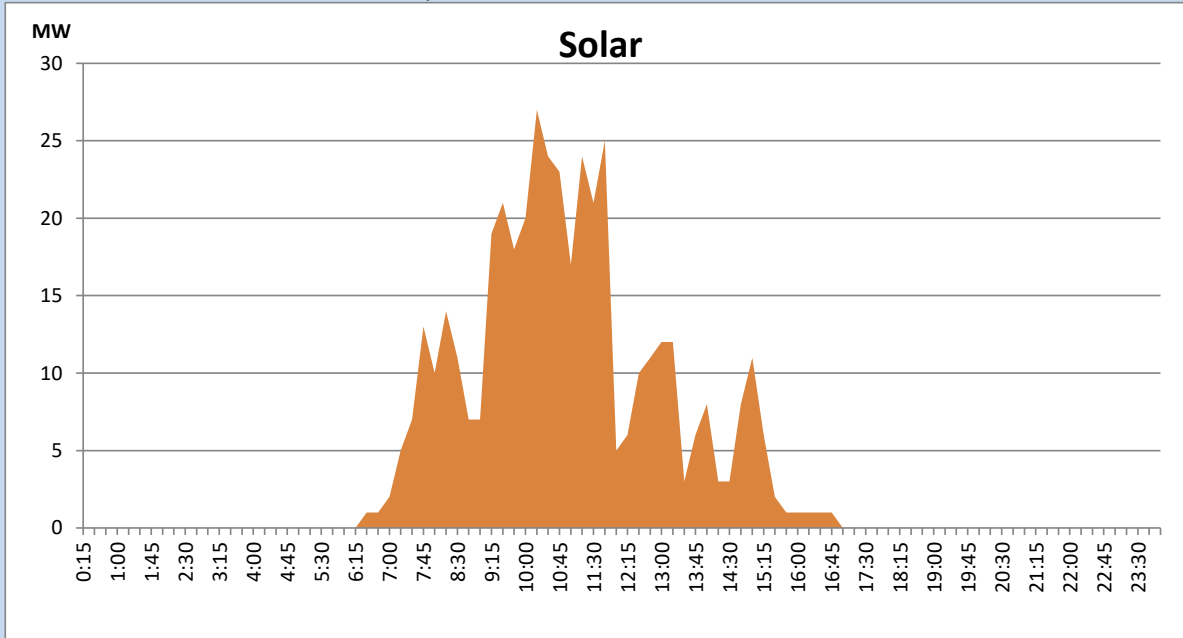
Based on Telemetered Power Stations only



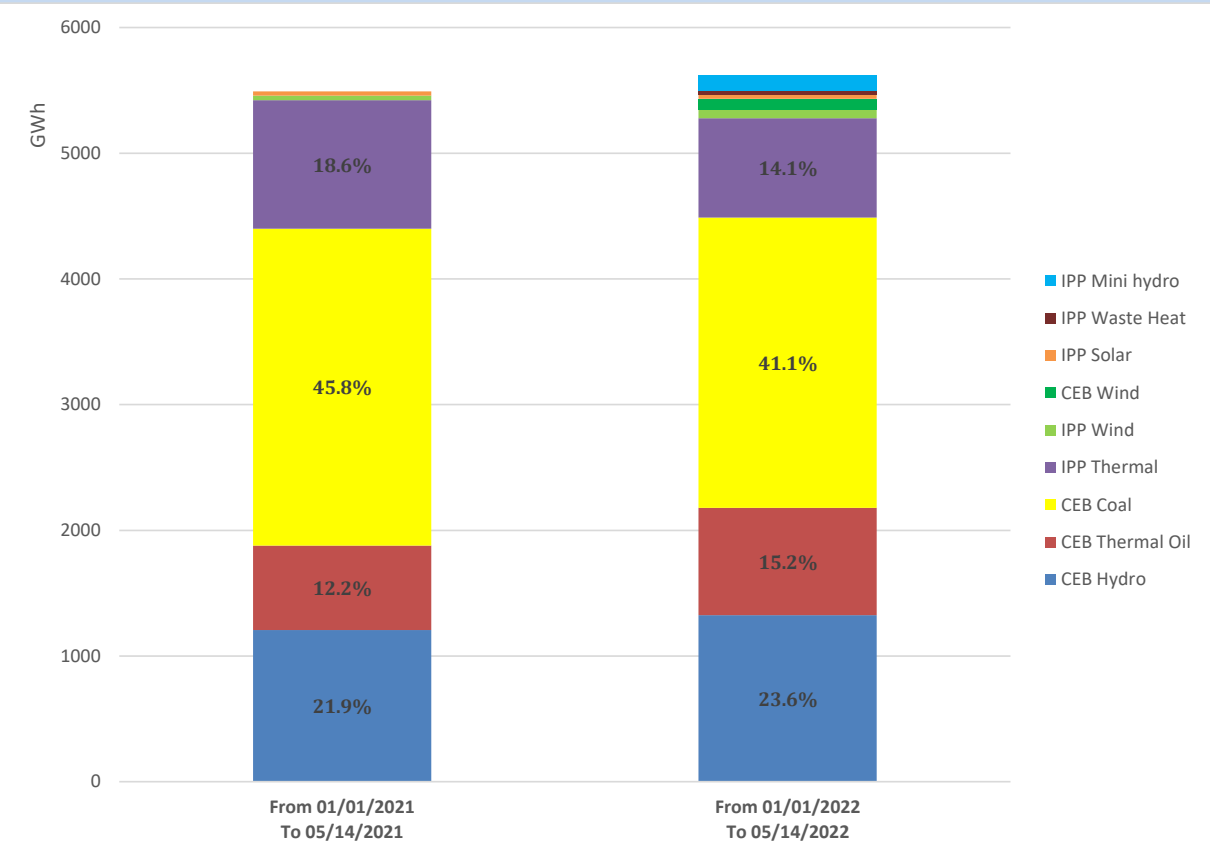
Solar Generation during the Previous day

May 13, 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 15, 2022

- 1) Rotational manual load shedding was carried out from 9:00hrs to 21:00hrs.
- 2) Victoria Gen 03 performed a forced shutdown at 22:00hrs due to water leakage in spiral casing manhole. Victoria gen 03 yet to resume generation.