

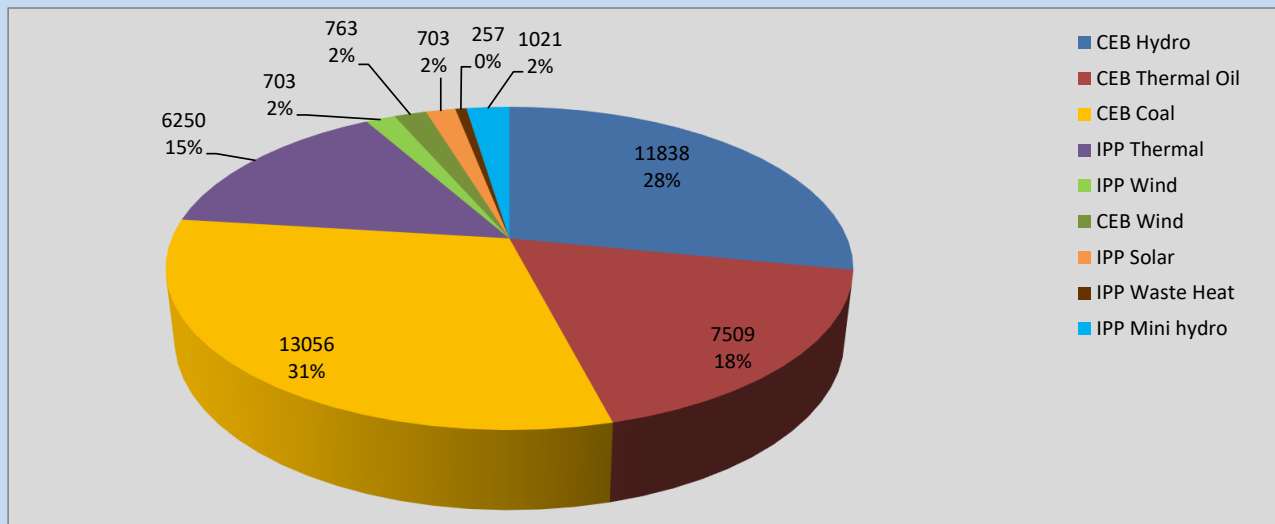
Generation and Reservoirs Statistics

May 7, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

41,676 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

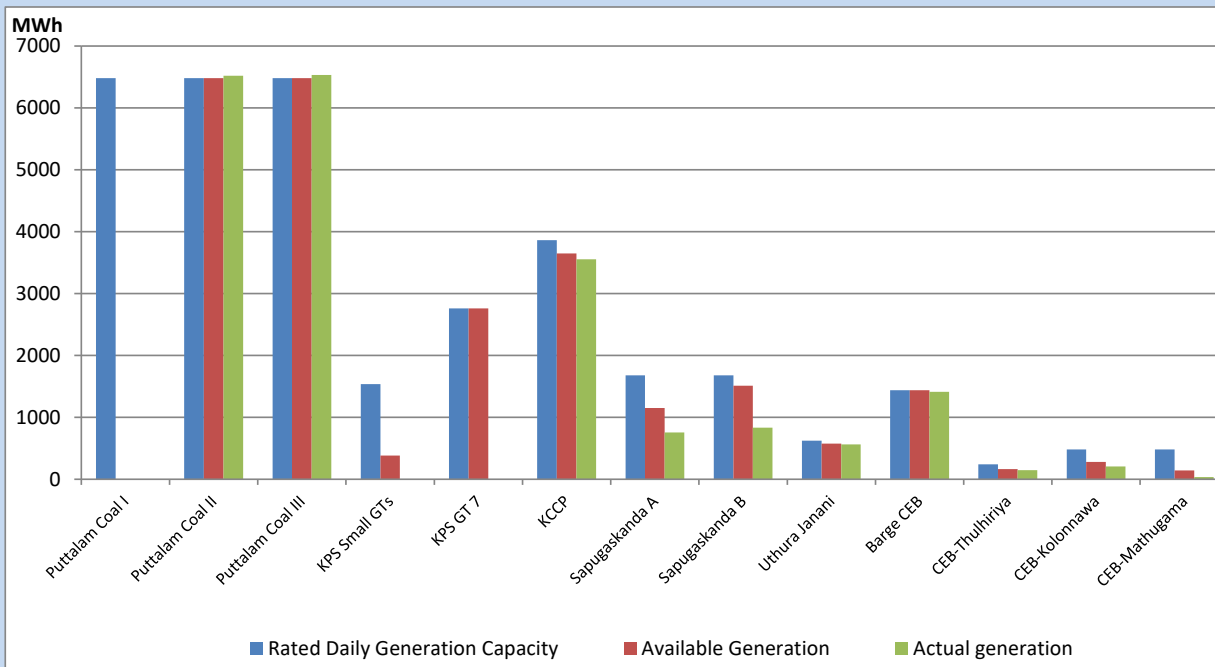
Category	Dispatch (GWh)	Percentage
CEB Hydro	67.52	22.48%
CEB Thermal Oil	60.69	20.21%
CEB Coal	100.64	33.51%
IPP Thermal	47.40	15.78%
SPP Wind	5.61	1.87%
CEB Wind	6.67	2.22%
SPP Solar	1.88	0.63%
SPP Solid Waste	1.83	0.61%
Mini Hydro	8.09	2.69%
Total	300.33	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,215.8	22.70%
CEB Thermal Oil	846.2	15.80%
CEB Coal	2,221.0	41.46%
IPP Thermal	775.7	14.48%
SPP Wind	56.6	1.06%
CEB Wind	72.3	1.35%
SPP Solar	33.2	0.62%
SPP Solid Waste	25.6	0.48%
Mini Hydro	110.2	2.06%
Total	5,356.3	

CEB owned Thermal Plant Dispatch

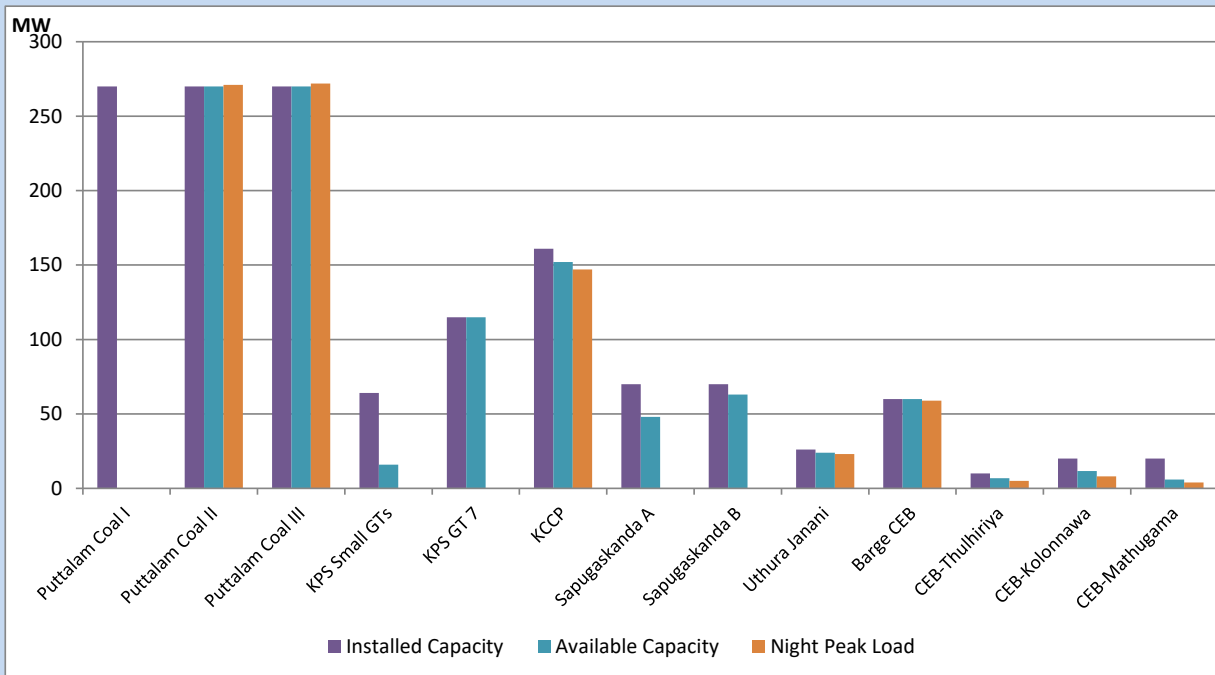
May 7, 2022



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

May 8, 2022

CEB owned Thermal Plant Loading at the Night Peak



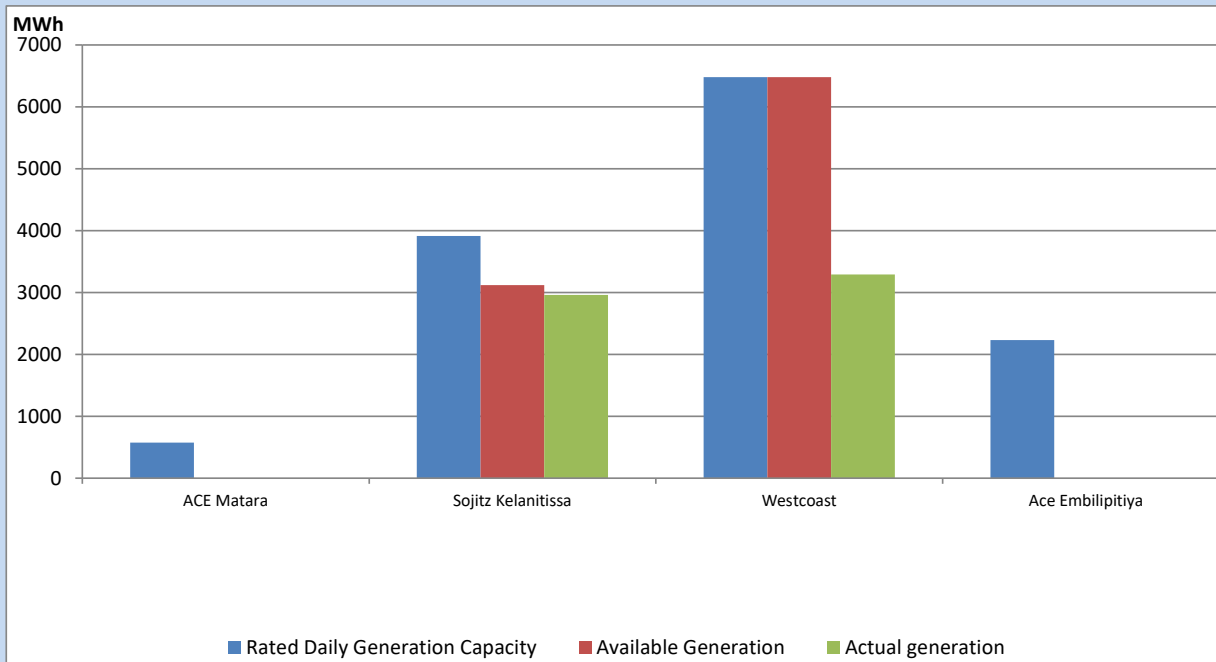
Note- Plant availability is recorded at 6.00 am on

May 8, 2022

IPP owned Thermal Plant Dispatch

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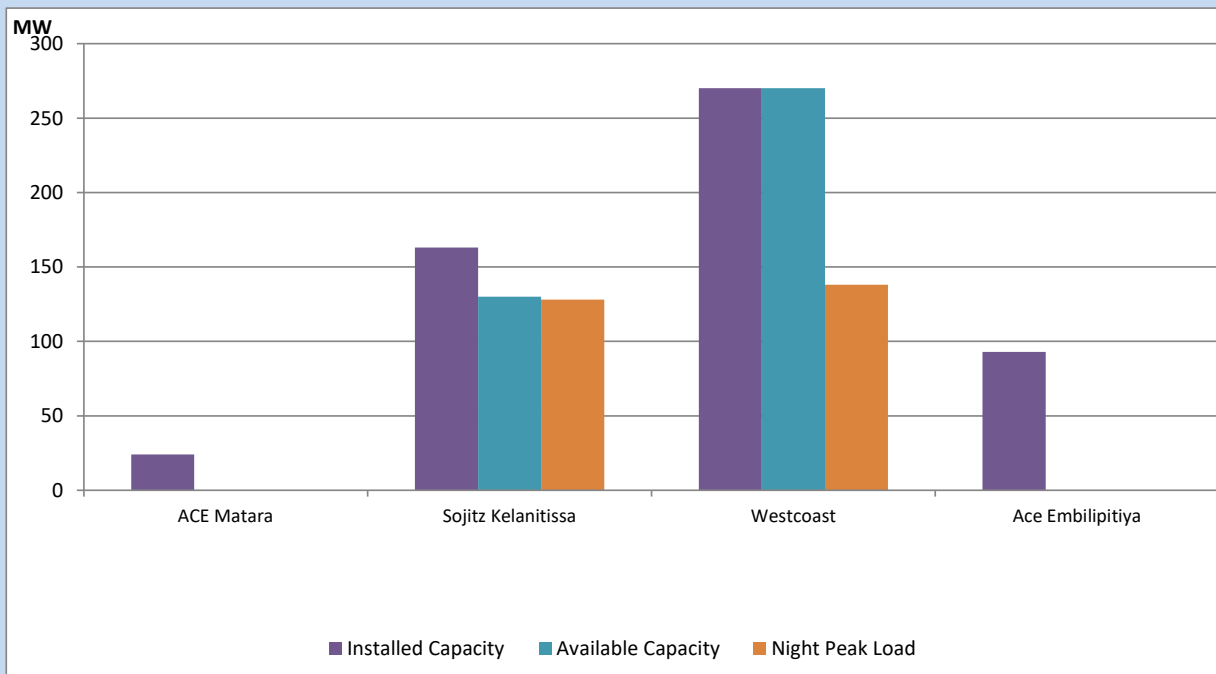
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

May 8, 2022

IPP owned Thermal Plant Loading at the Night Peak

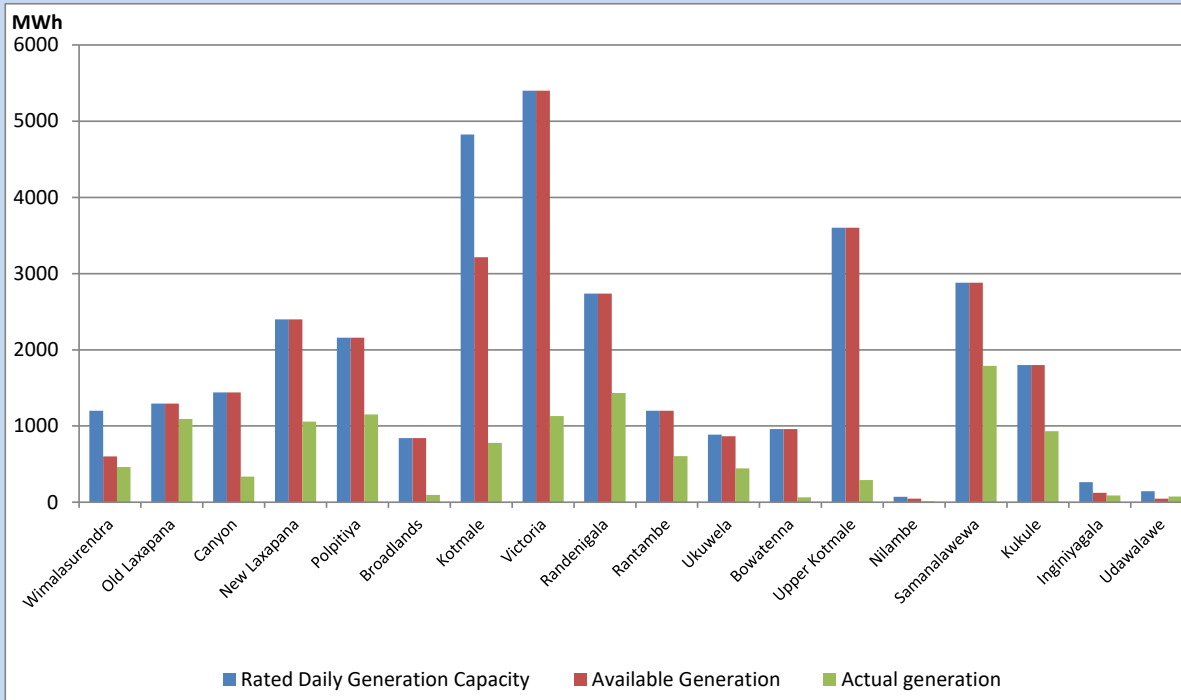


Note- Plant availability is recorded at 6.00 am on

May 8, 2022

Major Hydro Plant Dispatch

May 7, 2022

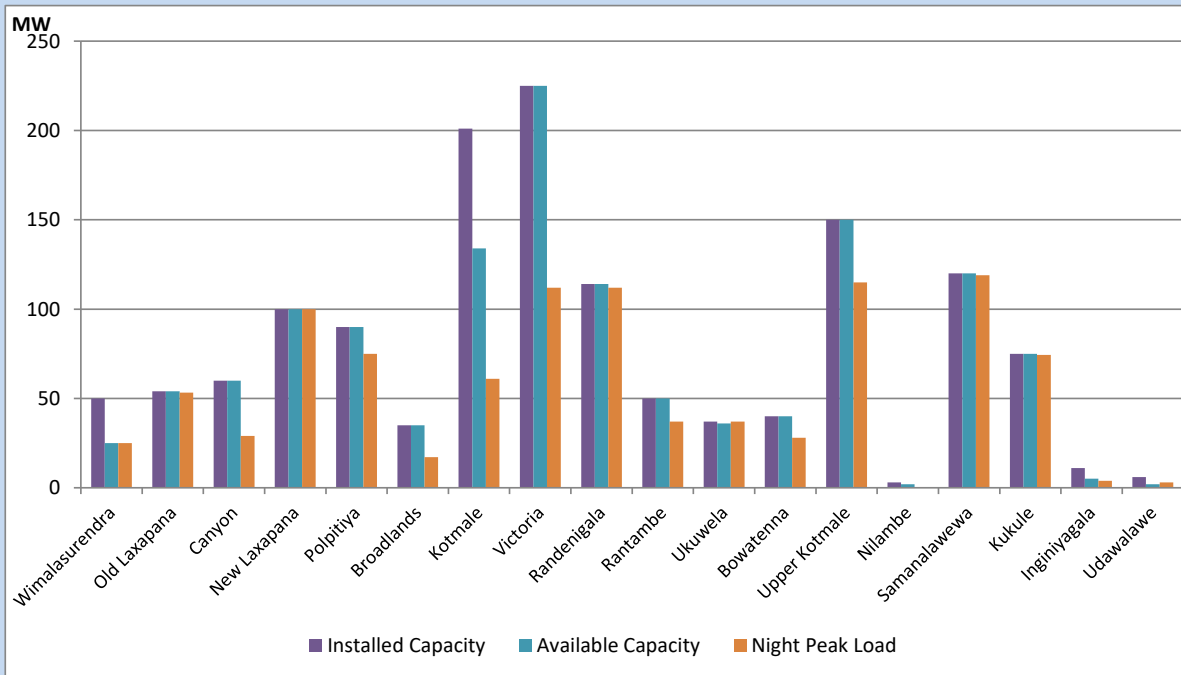


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

May 8, 2022

Major Hydro Plant Loading at Night Peak

May 7, 2022



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

May 8, 2022

Summary of Major Plant performance

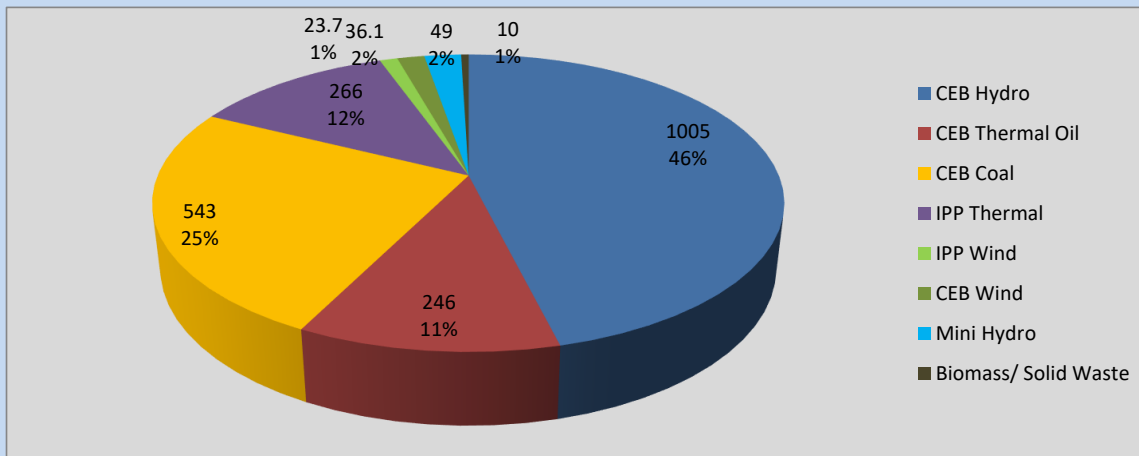
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	463
Old Laxapana	54	54	53	1,092
Canyon	60	60	29	336
New Laxapana	100	100	100	1,059
Polpitiya	90	90	75	1,150
Broadlands	35	35	17	96
Kotmale	201	134	61	780
Victoria	225	225	112	1,129
Randenigala	114	114	112	1,433
Rantambe	50	50	37	603
Ukuwela	37	36	37	443
Bowatenna	40	40	28	64
Upper Kotmale	150	150	115	290
Nilambe	3	2	0	12
Samanalawewa	120	120	119	1,791
Kukule	75	75	74	933
Inginiyagala	11	5	4	90
Udawalawe	6	2	3	74
Puttalam Coal I	270	0	0	0
Puttalam Coal II	270	270	271	6,521
Puttalam Coal III	270	270	272	6,535
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	147	3,554
Sapugaskanda A	70	48	0	758
Sapugaskanda B	70	63	0	833
Uthura Janani	26	24	23	562
Barge CEB	60	60	59	1,415
CEB-Thulhiriya	10	7	5	146
CEB-Kolonnawa	20	12	8	206
CEB-Mathugama	20	6	4	35
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	130	128	2,960
West Coast	270	270	138	3,290
ACE Embilipitiya	93	0	0	0
Total	3,397	2,760	2,176	41,676

Plant availability is the availability recorded at 6 am on

May 8, 2022

Contribution to the Night Peak in MW

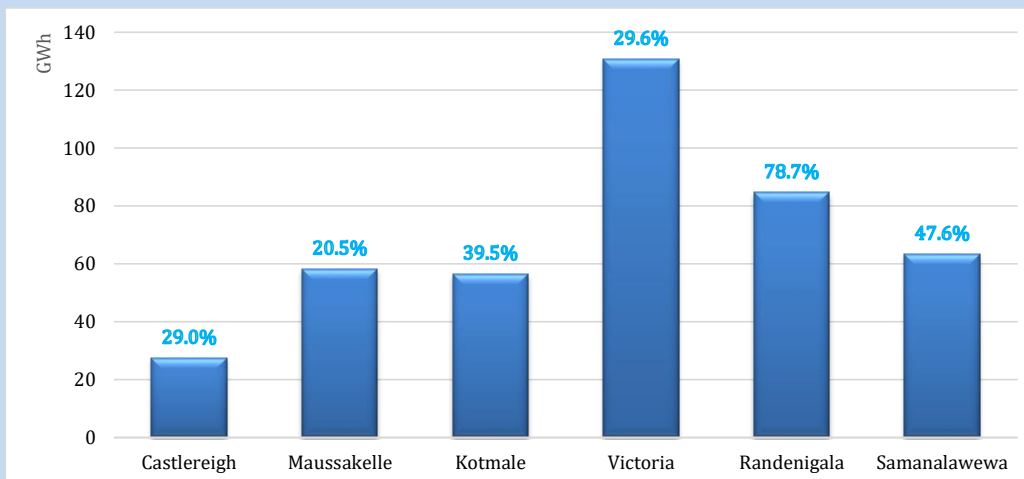
May 7, 2022



Night Peak*	2,178.5 MW
Day Peak	1,727.7 MW
Minimum Demand	1,441.4 MW

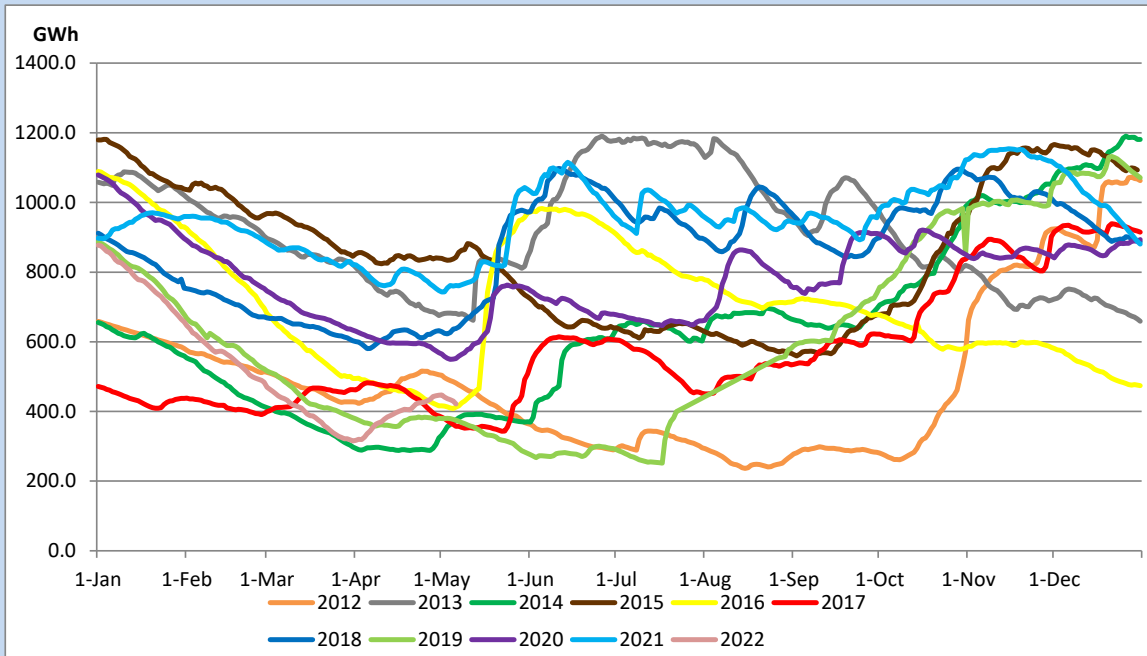
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on May 8, 2022



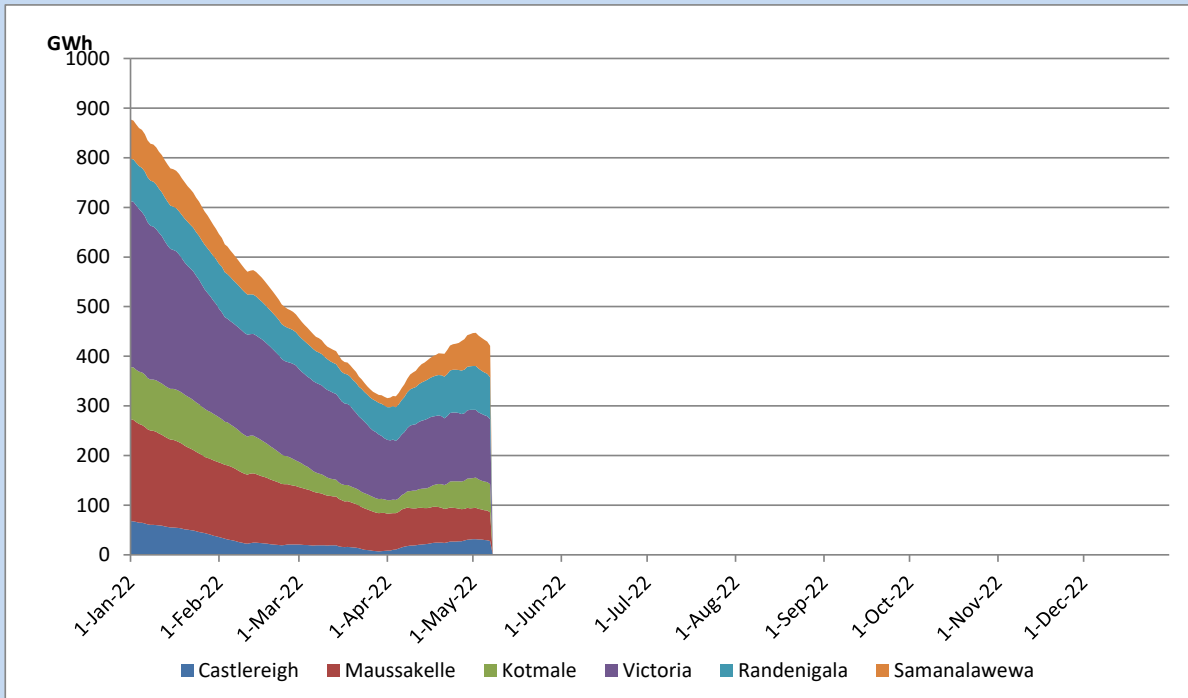
Total Reservoir Level	421.3 GWh
% of Total capacity	40.8%

Comparison of Total Reservoir Storage Levels with Past Years

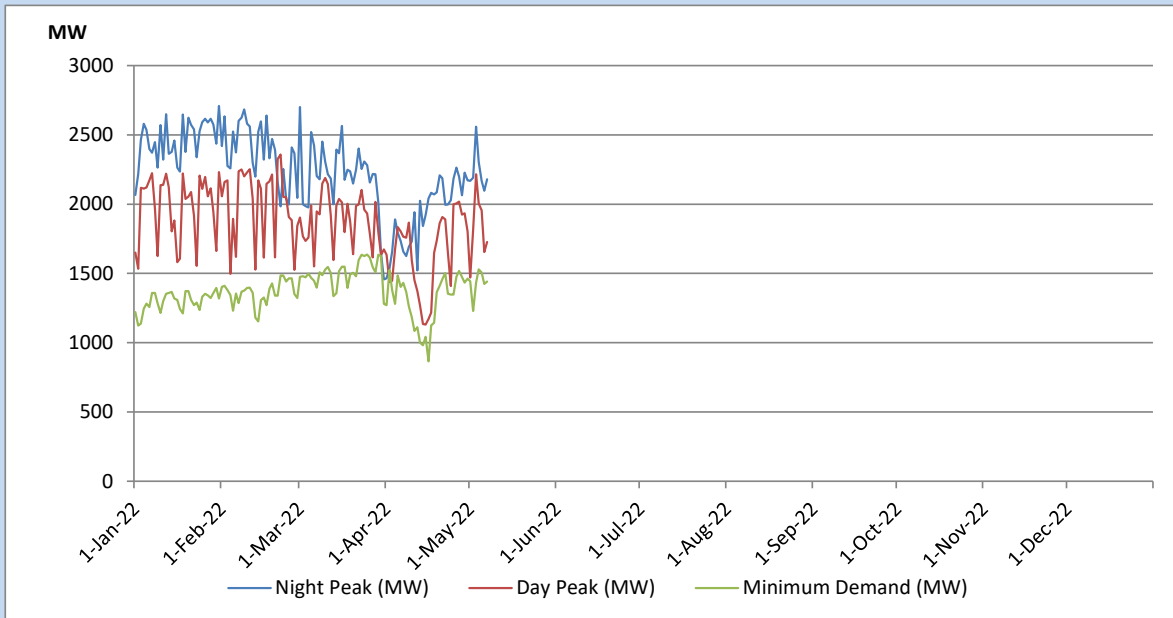


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

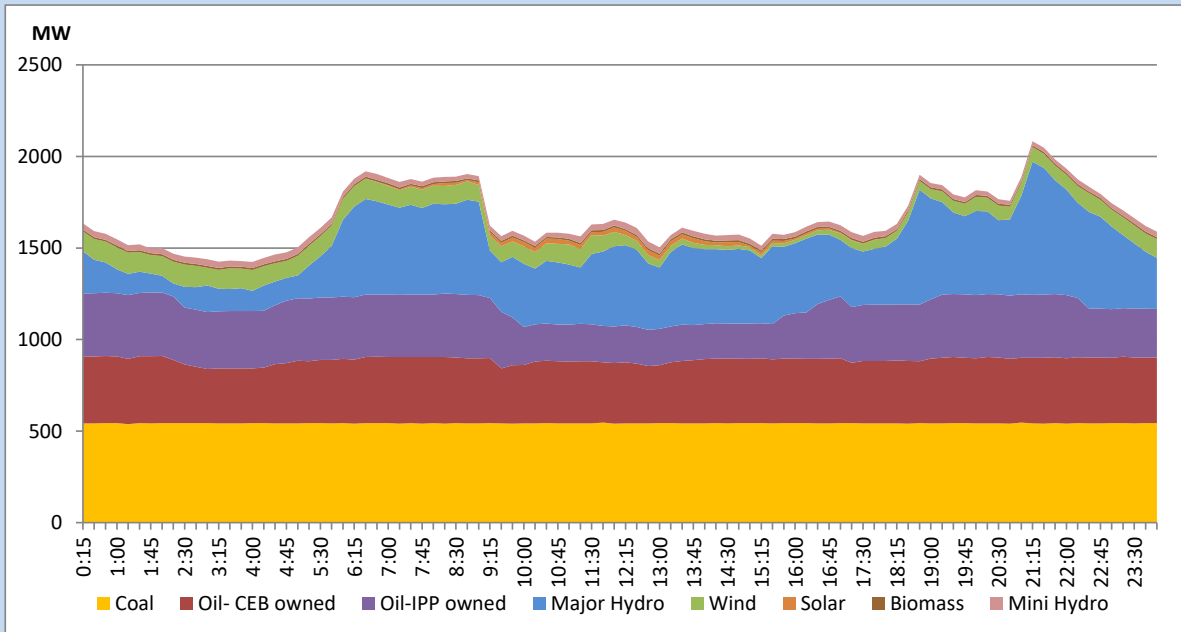


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

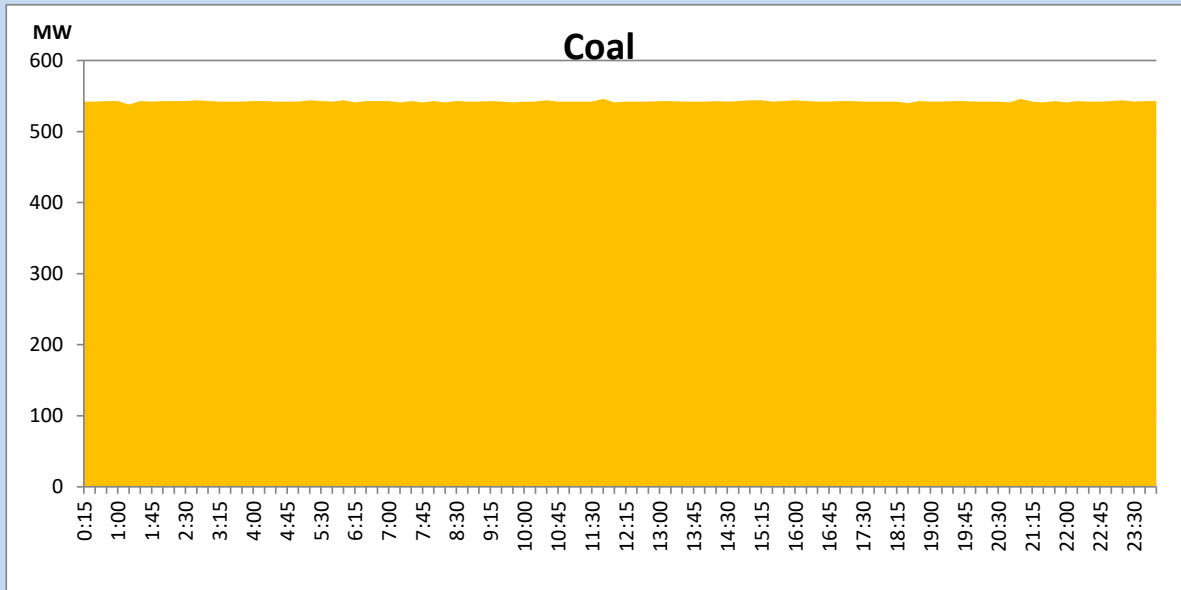
May 6, 2022

Solar and wind data is based on Telemetered Power Stations only



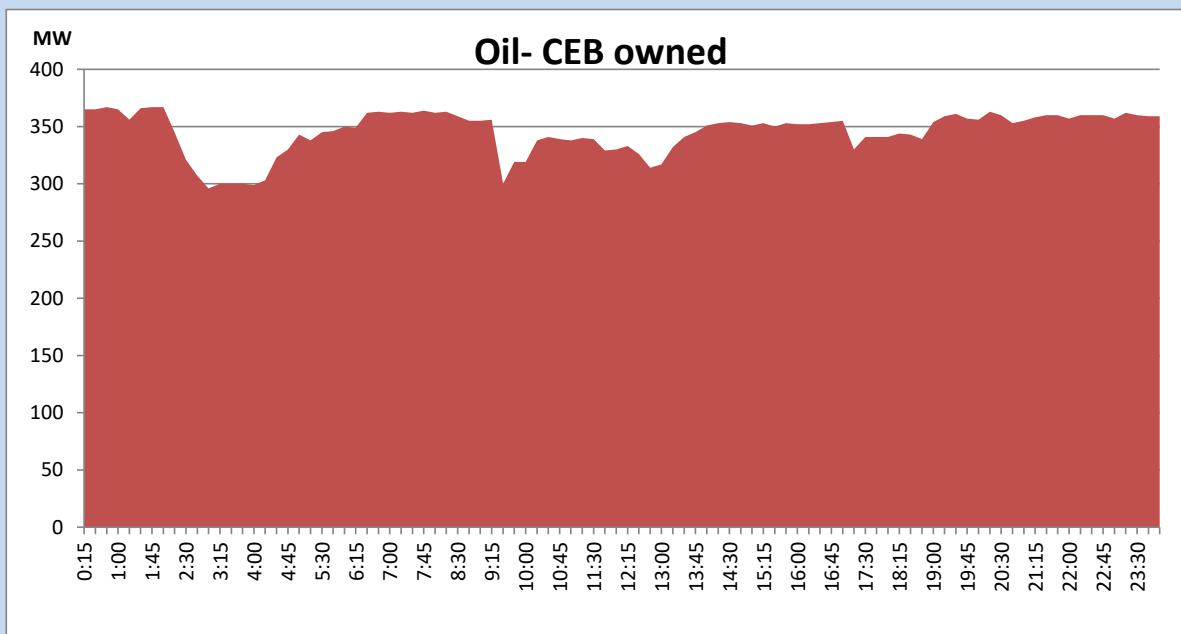
Coal Generation during the Previous day

May 6, 2022



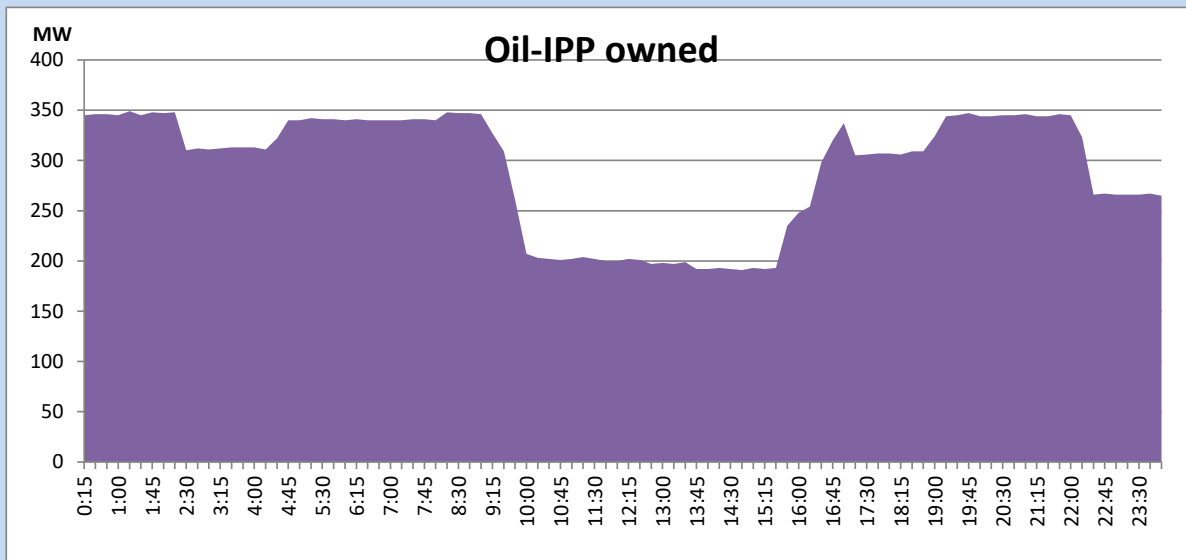
CEB Oil Plant Generation during the Previous day

May 6, 2022



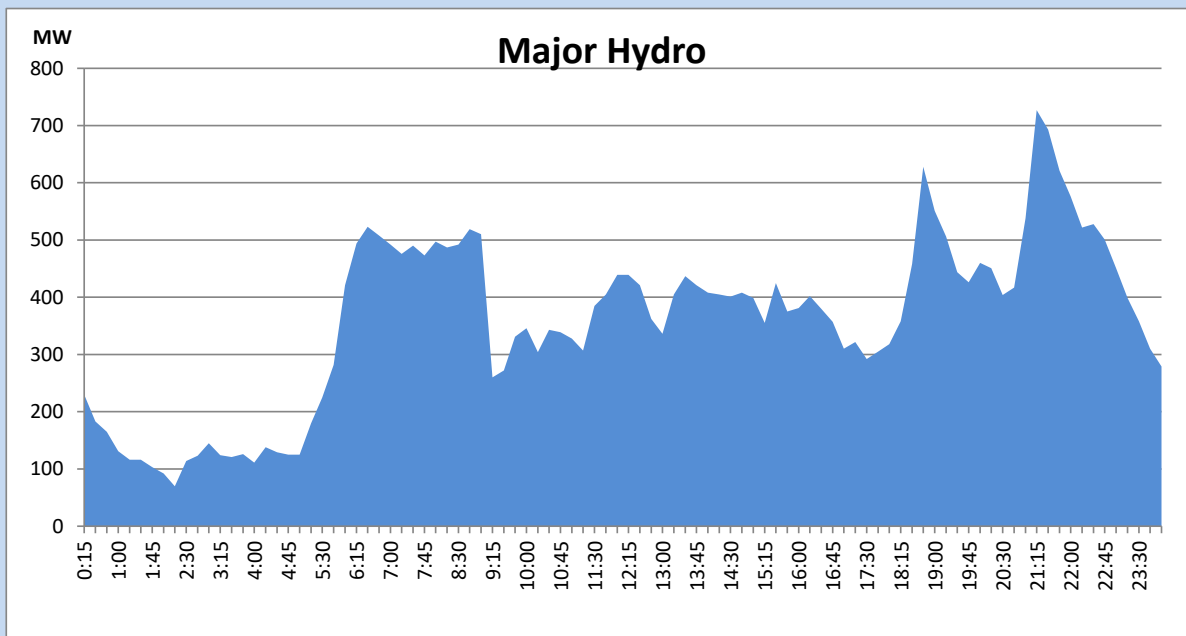
IPP Oil Plant Generation during the Previous day

May 6, 2022



Major Hydro Generation during the Previous day

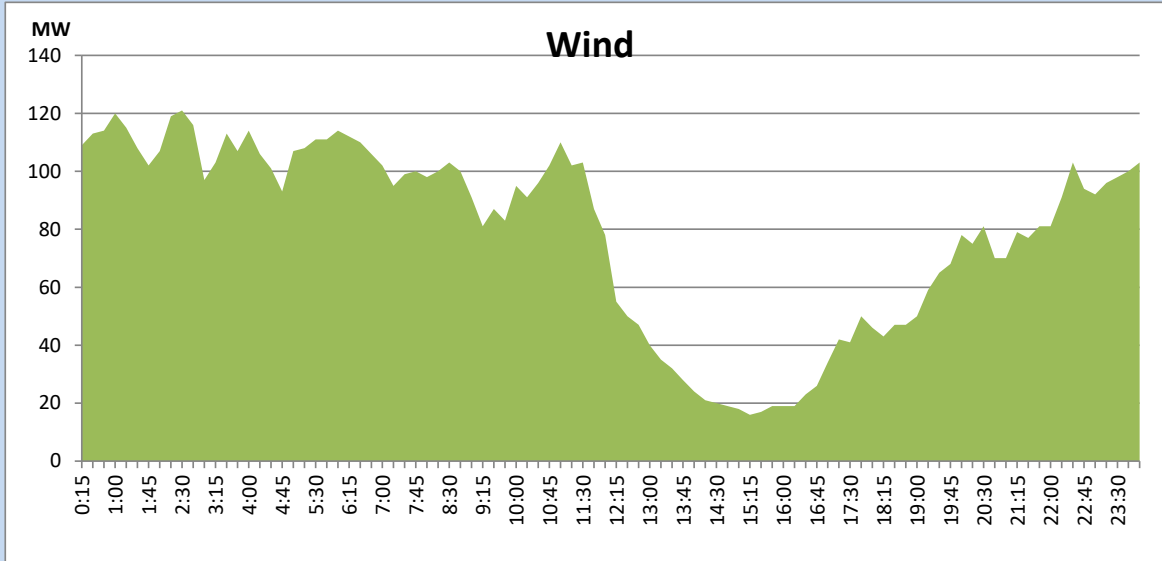
May 6, 2022



Wind Generation during the Previous day

May 6, 2022

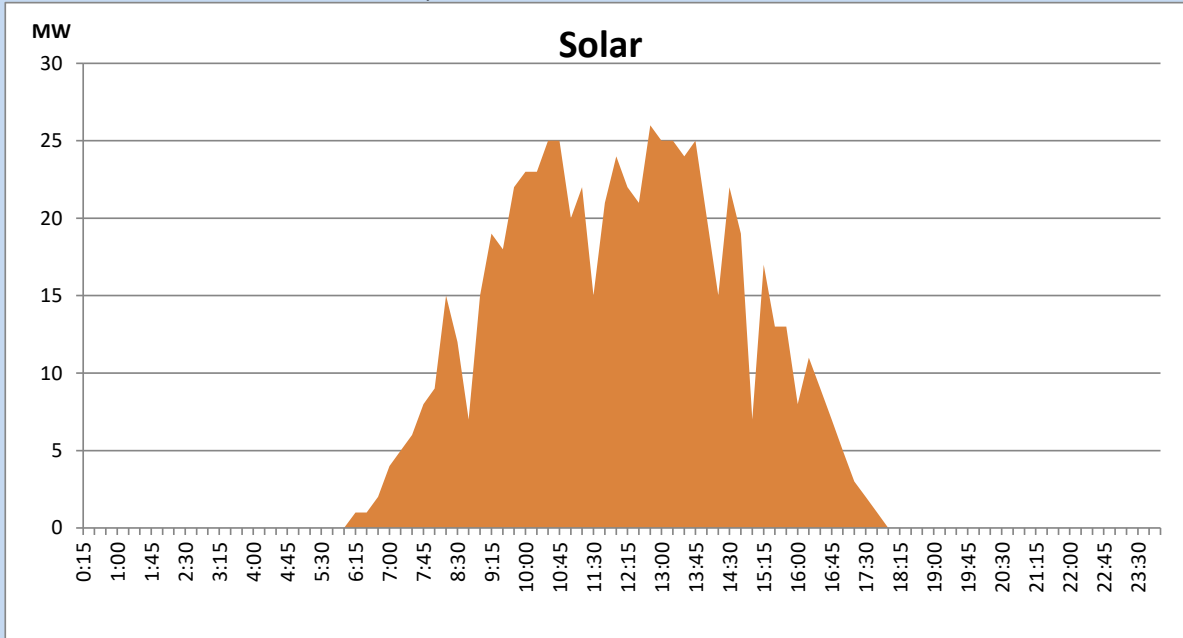
Based on Telemetered Power Stations only



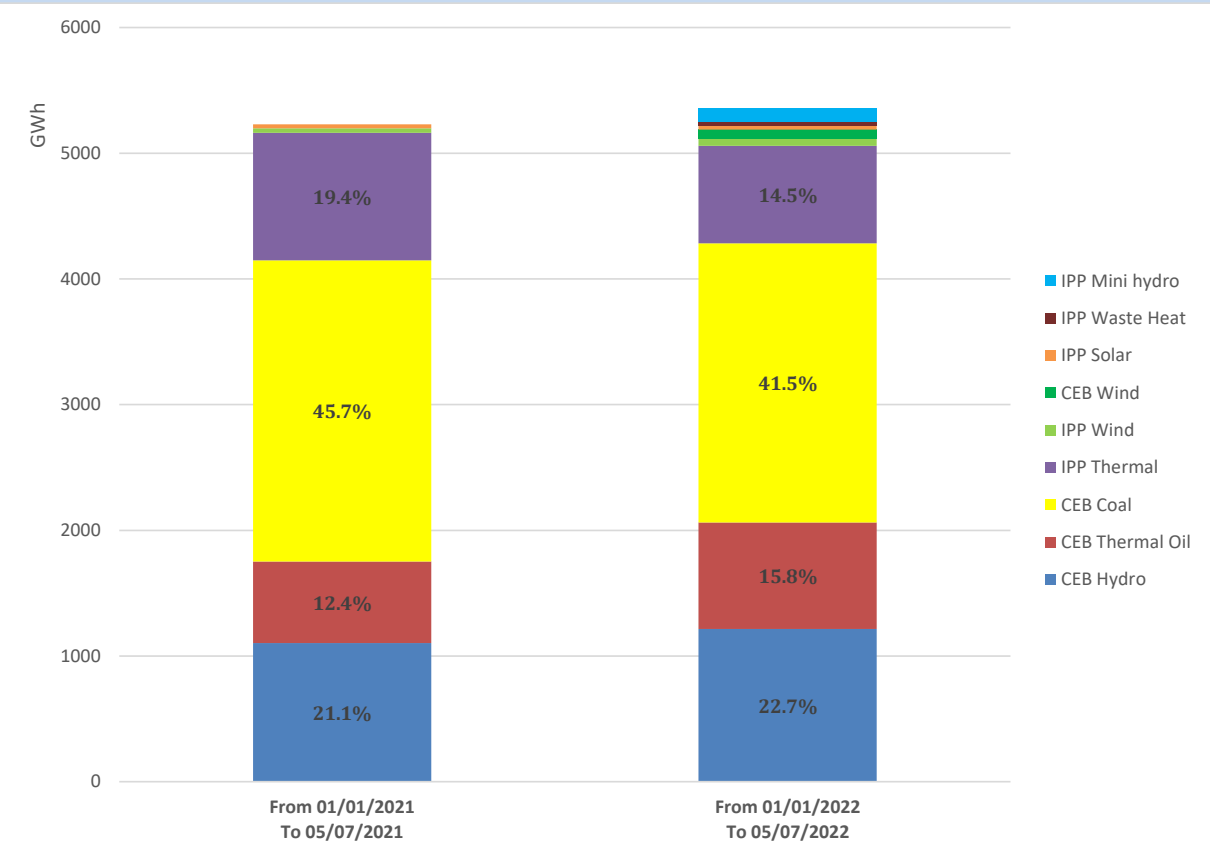
Solar Generation during the Previous day

May 6, 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 8, 2022

- 1) Rotational manual load shedding was carried out from 6:00hrs to 21:00hrs.