

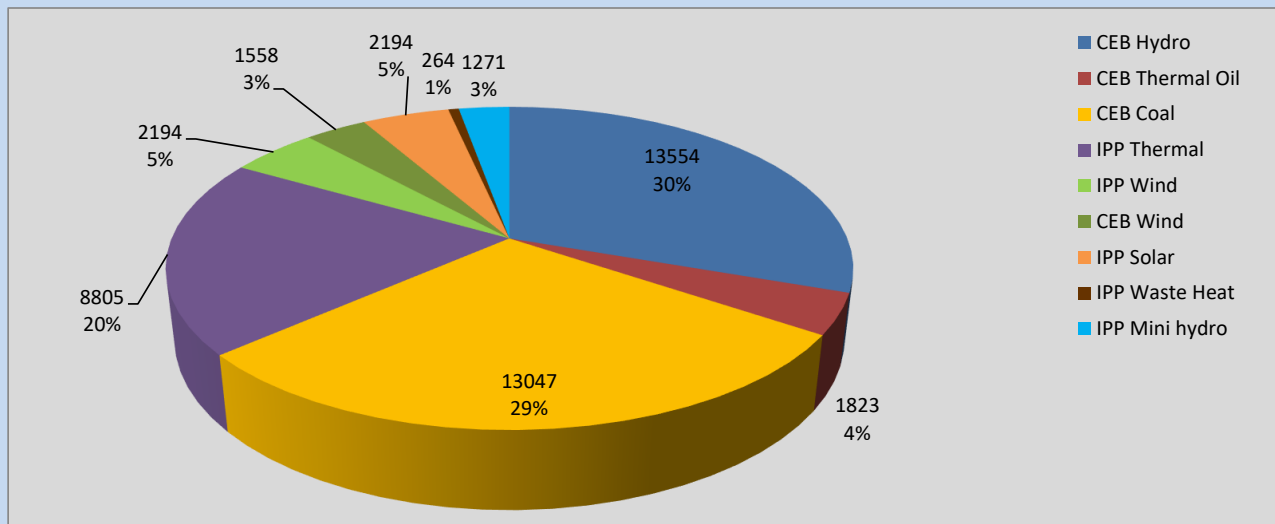
Generation and Reservoirs Statistics

May 9, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **42,766 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

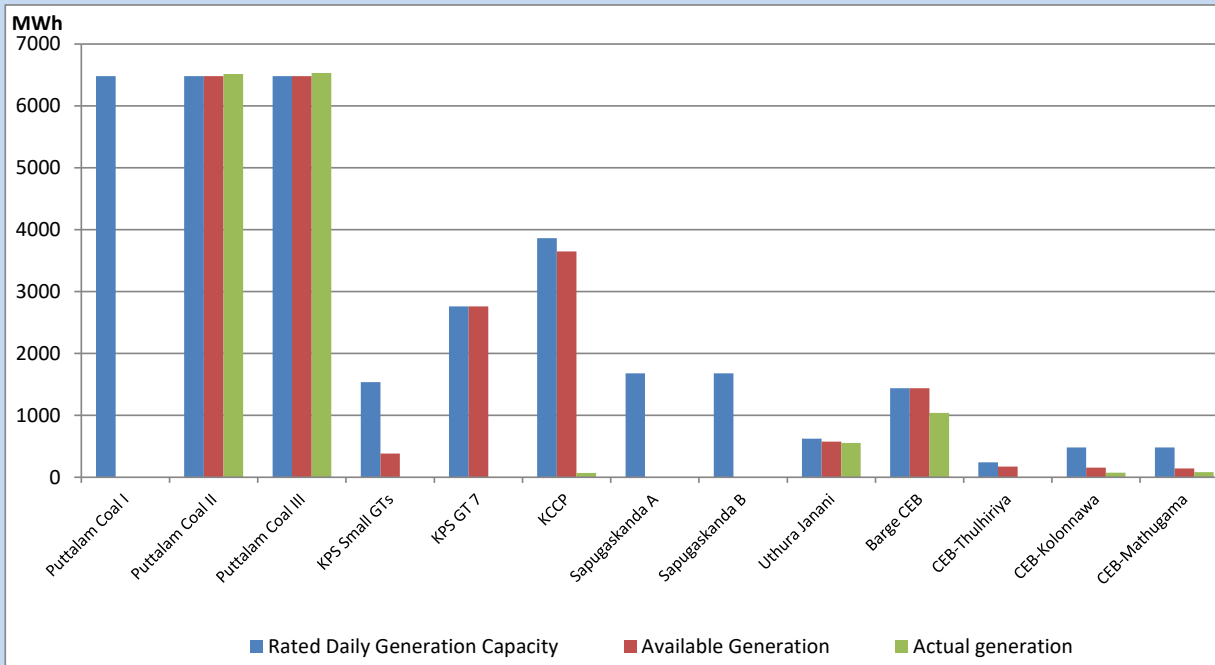
Category	Dispatch (GWh)	Percentage
CEB Hydro	96.34	25.17%
CEB Thermal Oil	66.16	17.28%
CEB Coal	126.74	33.11%
IPP Thermal	60.77	15.88%
SPP Wind	8.69	2.27%
CEB Wind	9.05	2.36%
SPP Solar	2.33	0.61%
SPP Solid Waste	2.34	0.61%
Mini Hydro	10.38	2.71%
Total	382.80	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,244.6	22.88%
CEB Thermal Oil	851.7	15.66%
CEB Coal	2,247.1	41.32%
IPP Thermal	789.0	14.51%
SPP Wind	59.7	1.10%
CEB Wind	74.7	1.37%
SPP Solar	33.6	0.62%
SPP Solid Waste	26.1	0.48%
Mini Hydro	112.4	2.07%
Total	5,438.7	

CEB owned Thermal Plant Dispatch

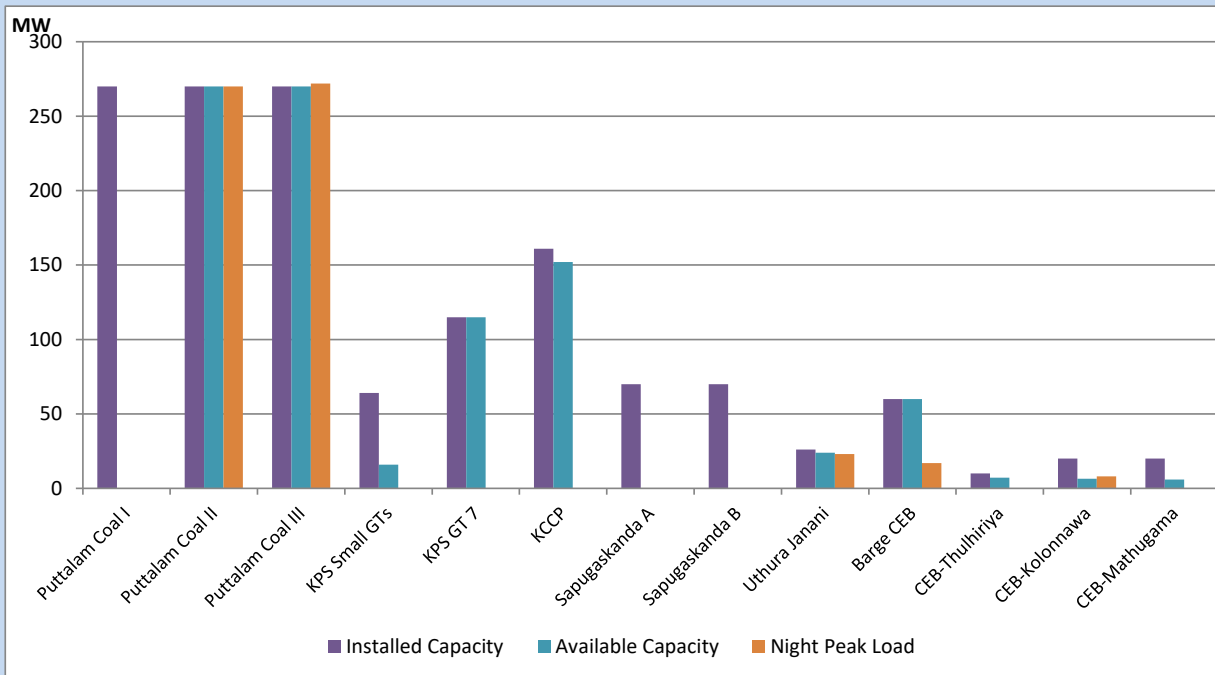
May 9, 2022



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

May 10, 2022

CEB owned Thermal Plant Loading at the Night Peak



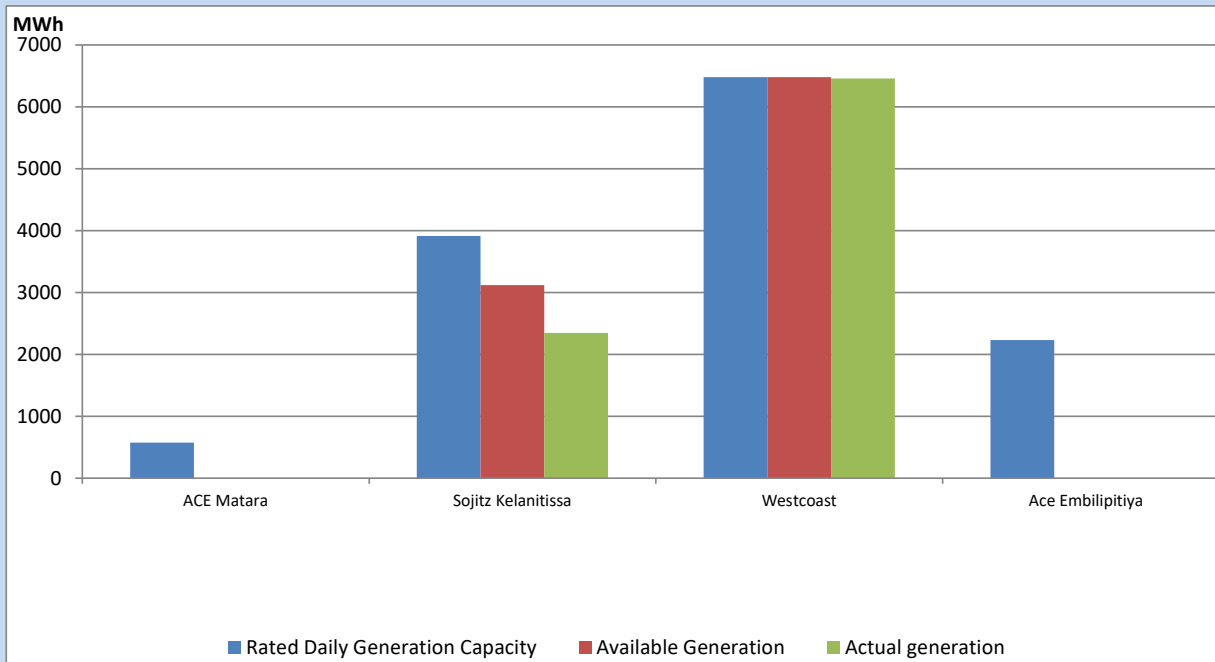
Note- Plant availability is recorded at 6.00 am on

May 10, 2022

IPP owned Thermal Plant Dispatch

May 9, 2022

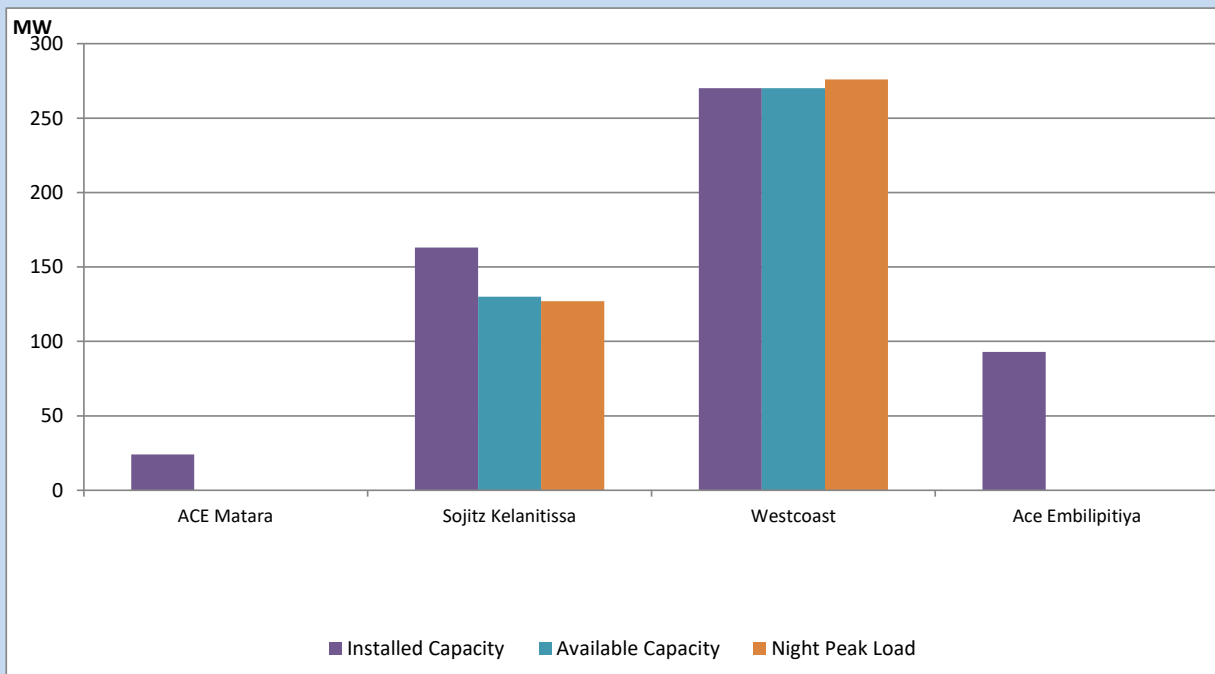
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

May 10, 2022

IPP owned Thermal Plant Loading at the Night Peak

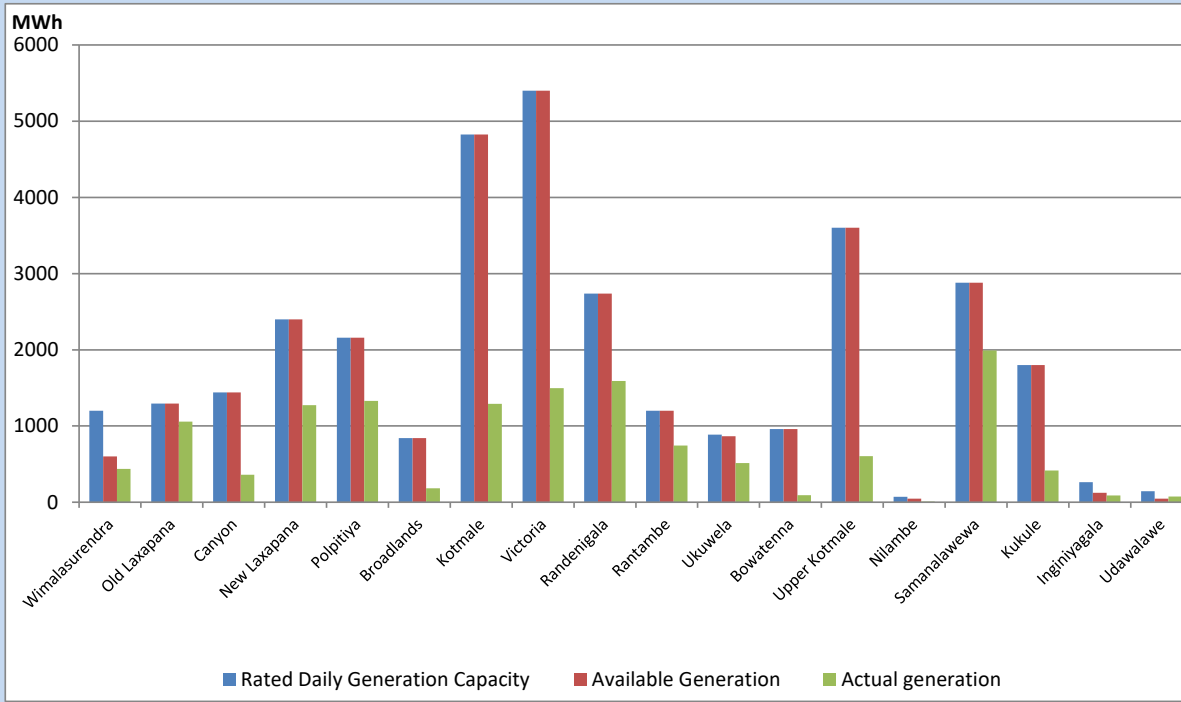


Note- Plant availability is recorded at 6.00 am on

May 10, 2022

Major Hydro Plant Dispatch

May 9, 2022

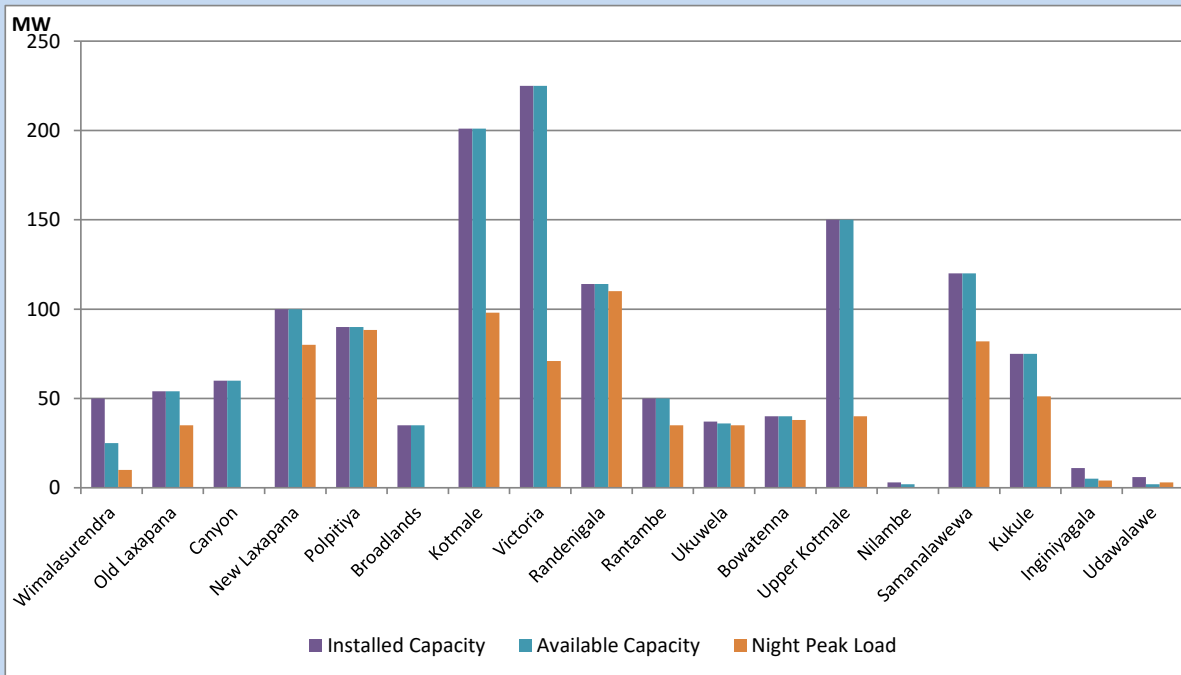


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

May 10, 2022

Major Hydro Plant Loading at Night Peak

May 9, 2022



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

May 10, 2022

Summary of Major Plant performance

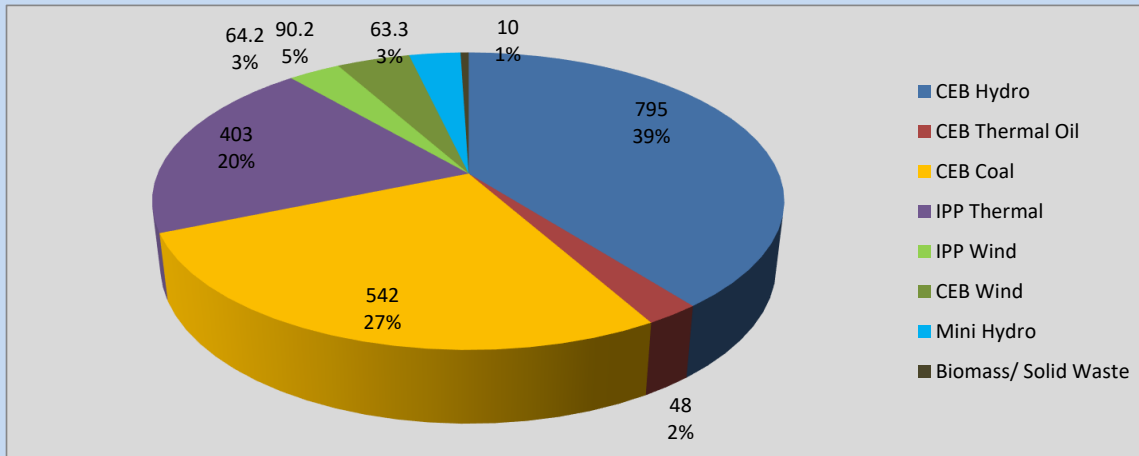
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	10	437
Old Laxapana	54	54	35	1,058
Canyon	60	60	0	360
New Laxapana	100	100	80	1,275
Polpitiya	90	90	88	1,330
Broadlands	35	35	0	184
Kotmale	201	201	98	1,290
Victoria	225	225	71	1,498
Randenigala	114	114	110	1,591
Rantambe	50	50	35	744
Ukuwela	37	36	35	512
Bowatenna	40	40	38	93
Upper Kotmale	150	150	40	603
Nilambe	3	2	0	10
Samanalawewa	120	120	82	1,990
Kukule	75	75	51	416
Inginiyagala	11	5	4	90
Udawalawe	6	2	3	73
Puttalam Coal I	270	0	0	0
Puttalam Coal II	270	270	270	6,514
Puttalam Coal III	270	270	272	6,533
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	0	71
Sapugaskanda A	70	0	0	0
Sapugaskanda B	70	0	0	0
Uthura Janani	26	24	23	555
Barge CEB	60	60	17	1,040
CEB-Thulhiriya	10	7	0	0
CEB-Kolonnawa	20	6	8	75
CEB-Mathugama	20	6	0	82
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	130	127	2,348
West Coast	270	270	276	6,457
ACE Embilipitiya	93	0	0	0
Total	3,397	2,711	2,001	42,766

Plant availability is the availability recorded at 6 am on

May 10, 2022

Contribution to the Night Peak in MW

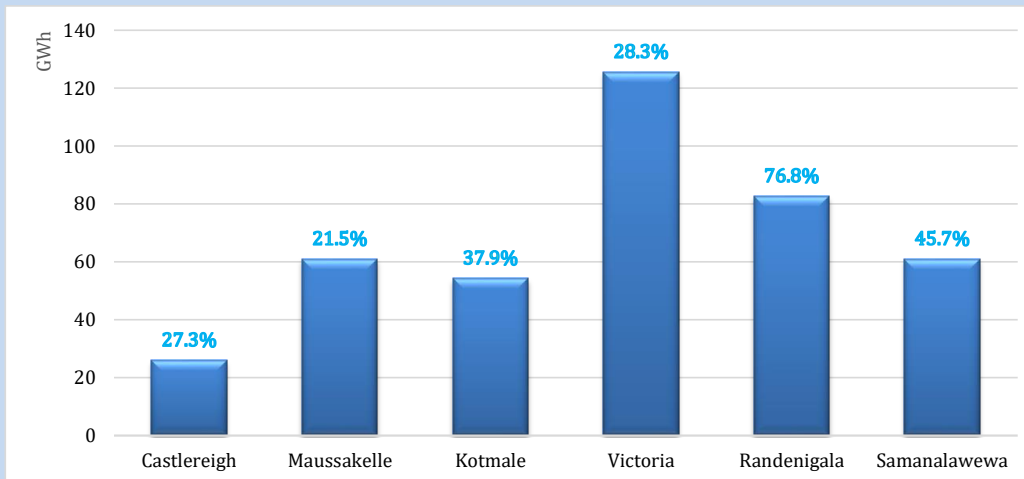
May 9, 2022



Night Peak*	2,015.2 MW
Day Peak	1,907.7 MW
Minimum Demand	1,431.1 MW

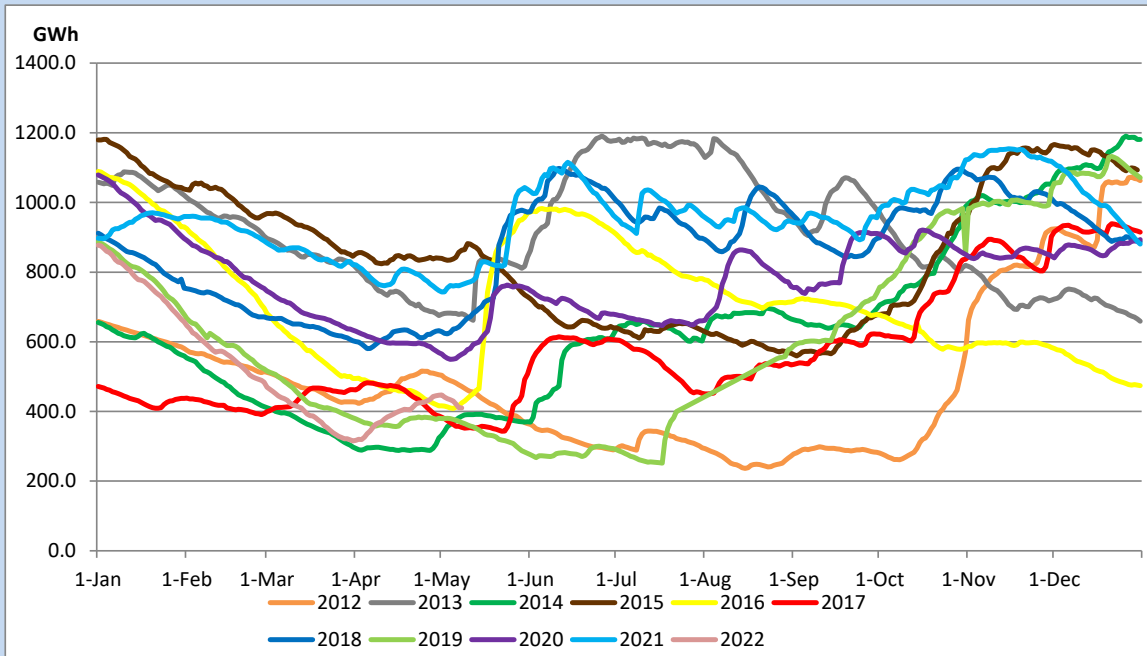
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on May 10, 2022



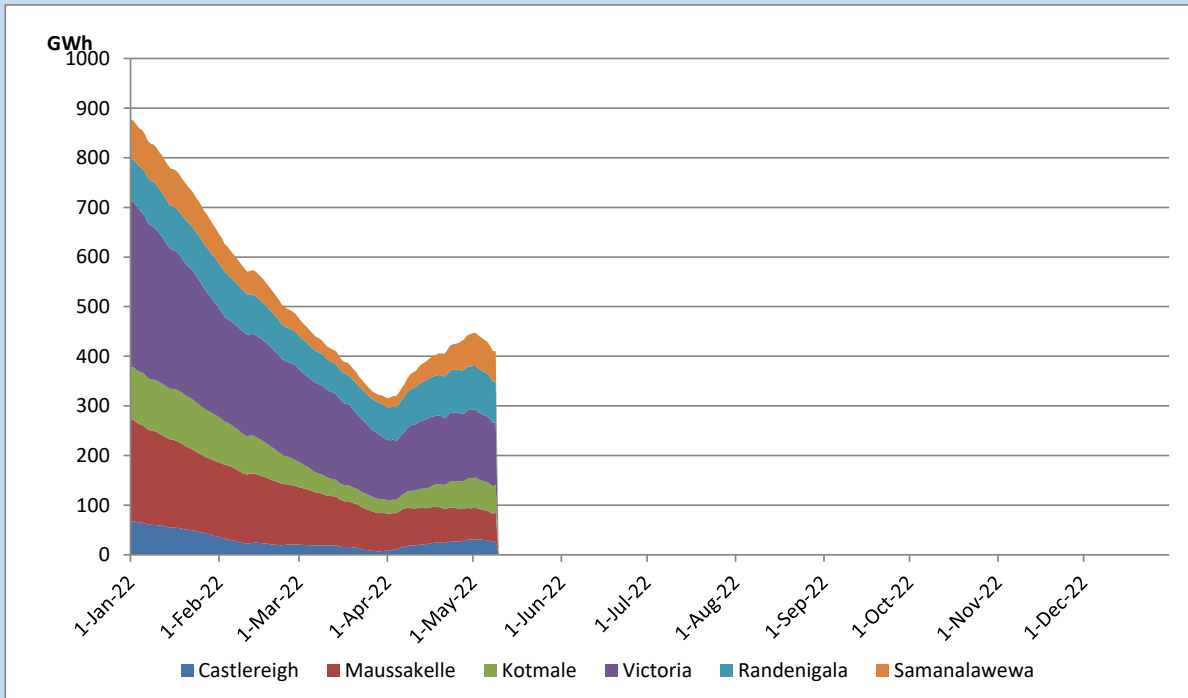
Total Reservoir Level	410 GWh
% of Total capacity	39.6%

Comparison of Total Reservoir Storage Levels with Past Years

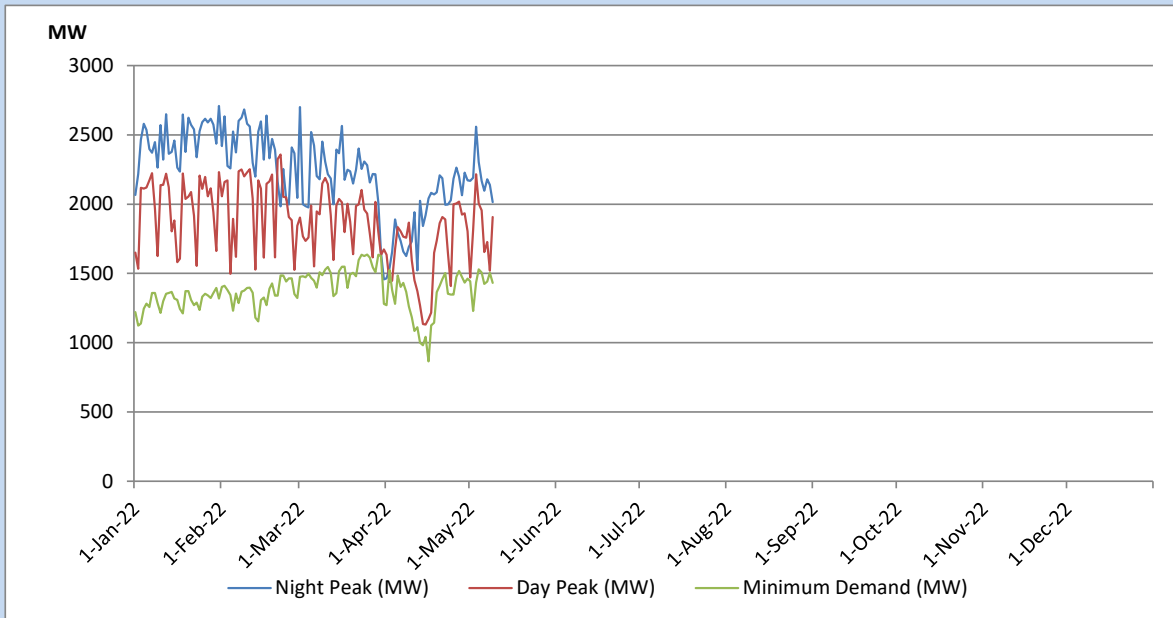


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

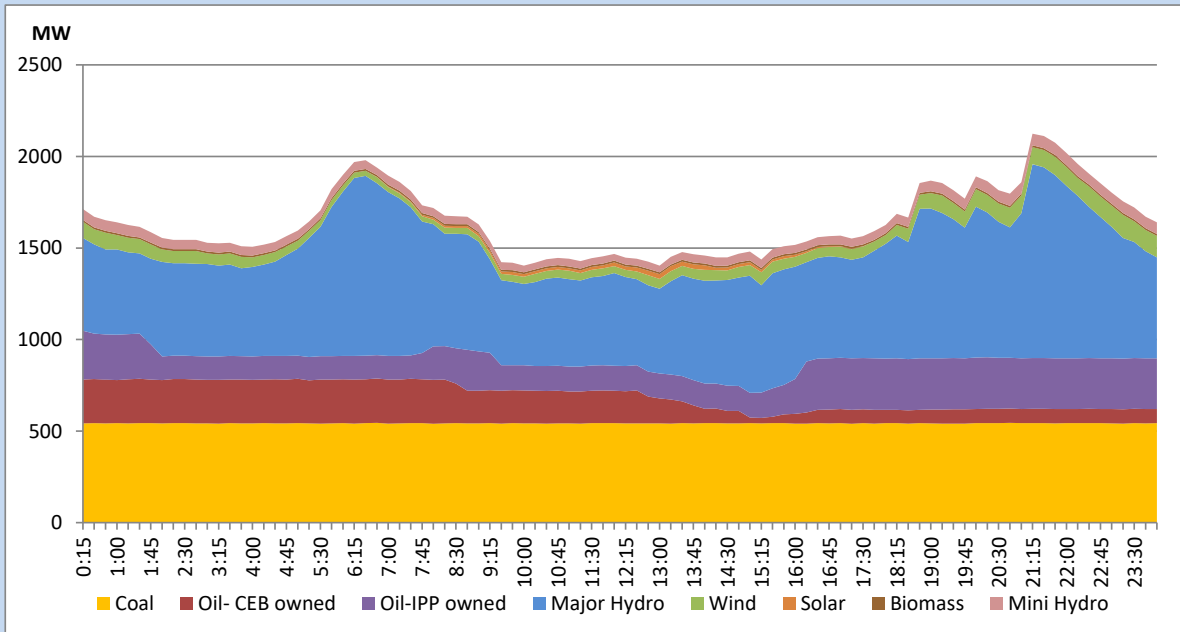


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

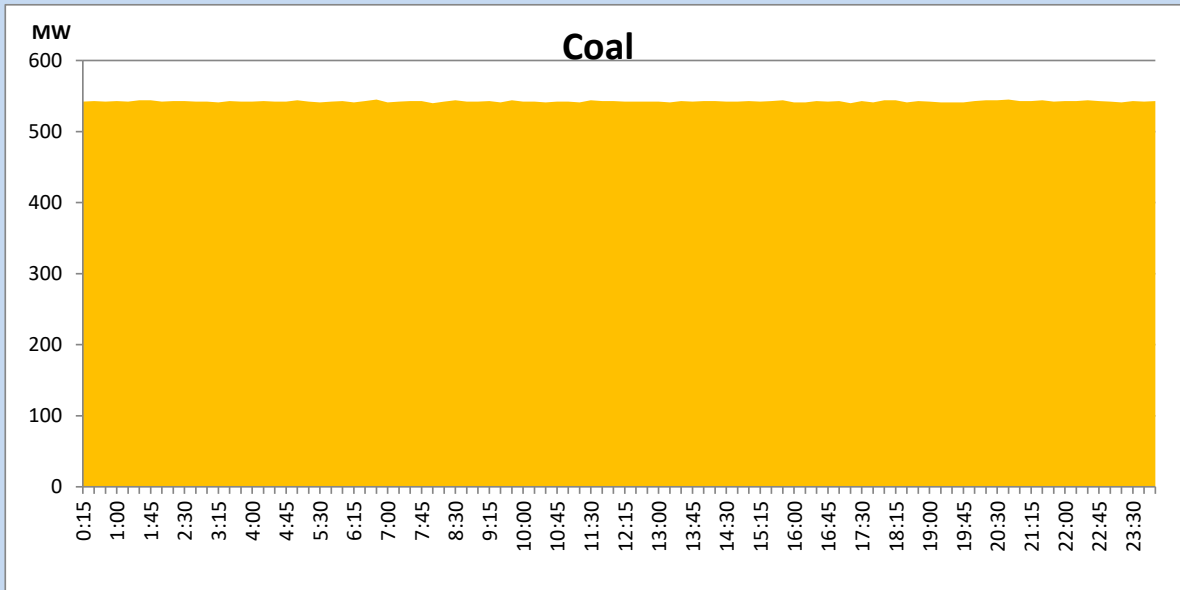
May 8, 2022

Solar and wind data is based on Telemetered Power Stations only



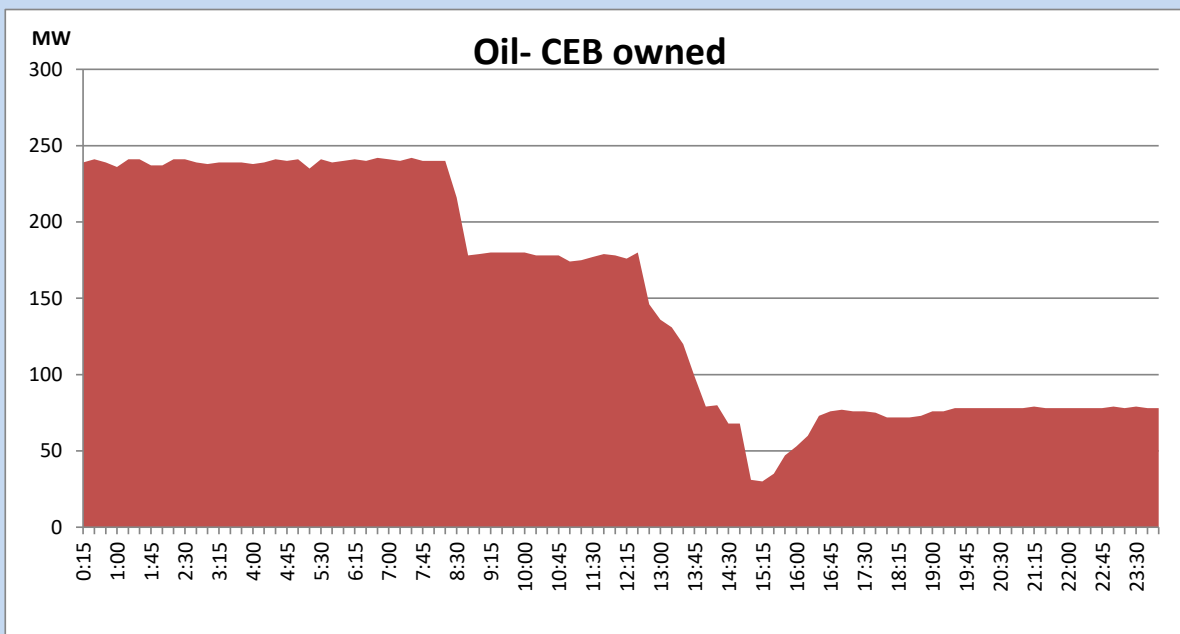
Coal Generation during the Previous day

May 8, 2022



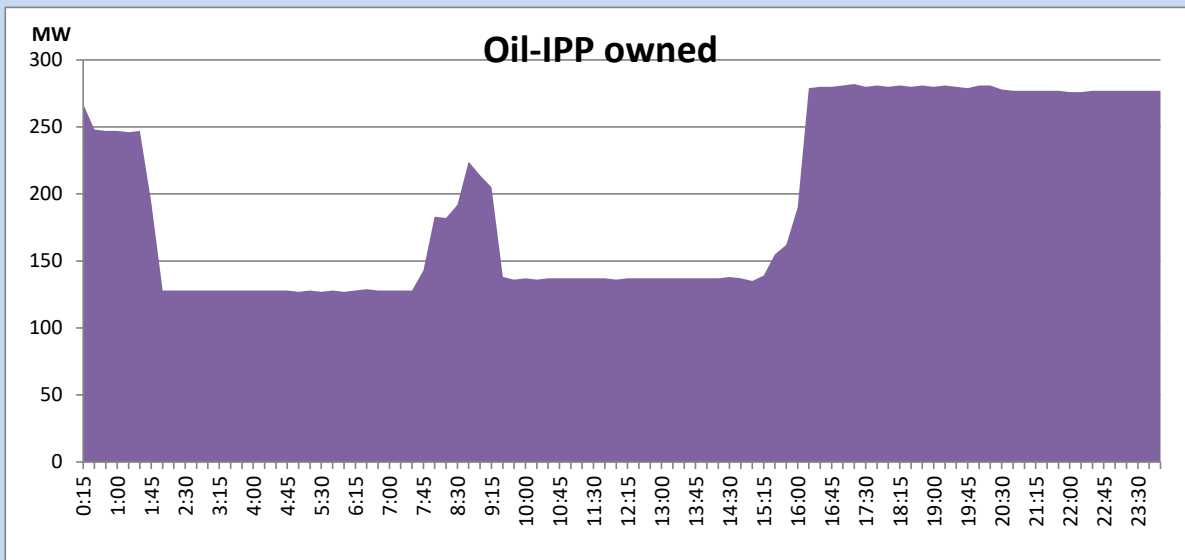
CEB Oil Plant Generation during the Previous day

May 8, 2022



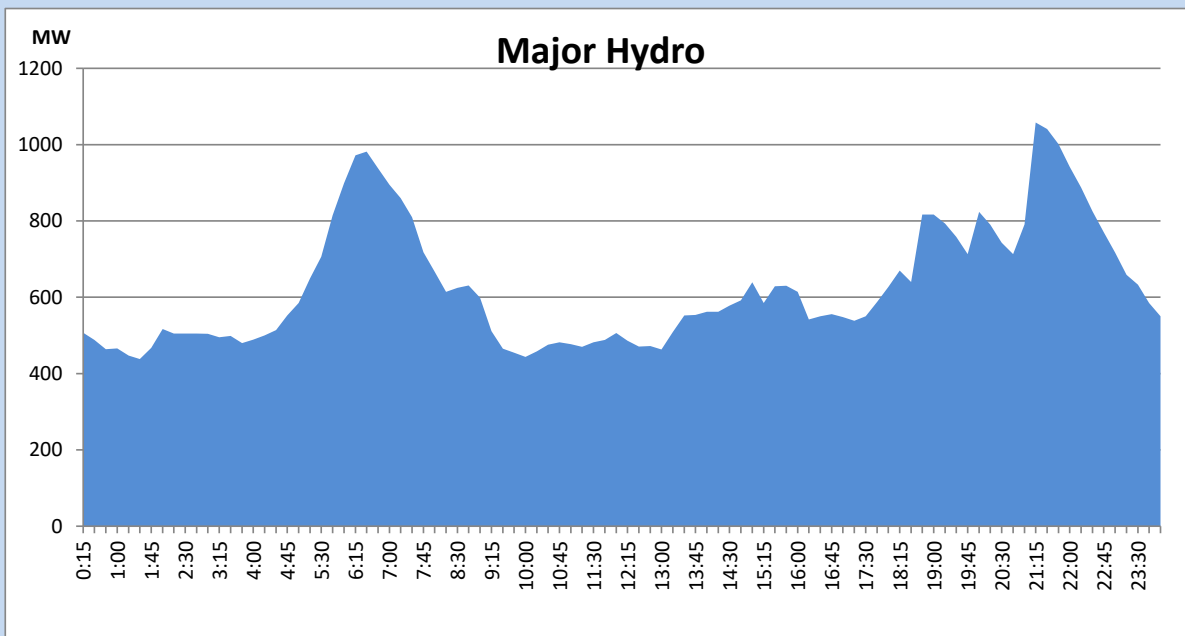
IPP Oil Plant Generation during the Previous day

May 8, 2022



Major Hydro Generation during the Previous day

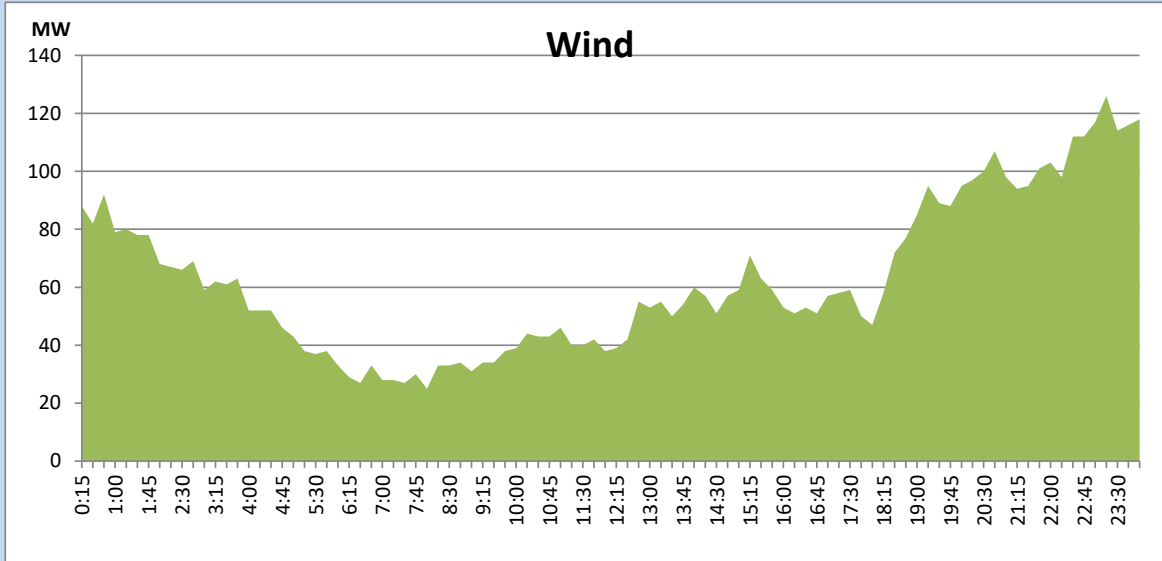
May 8, 2022



Wind Generation during the Previous day

May 8, 2022

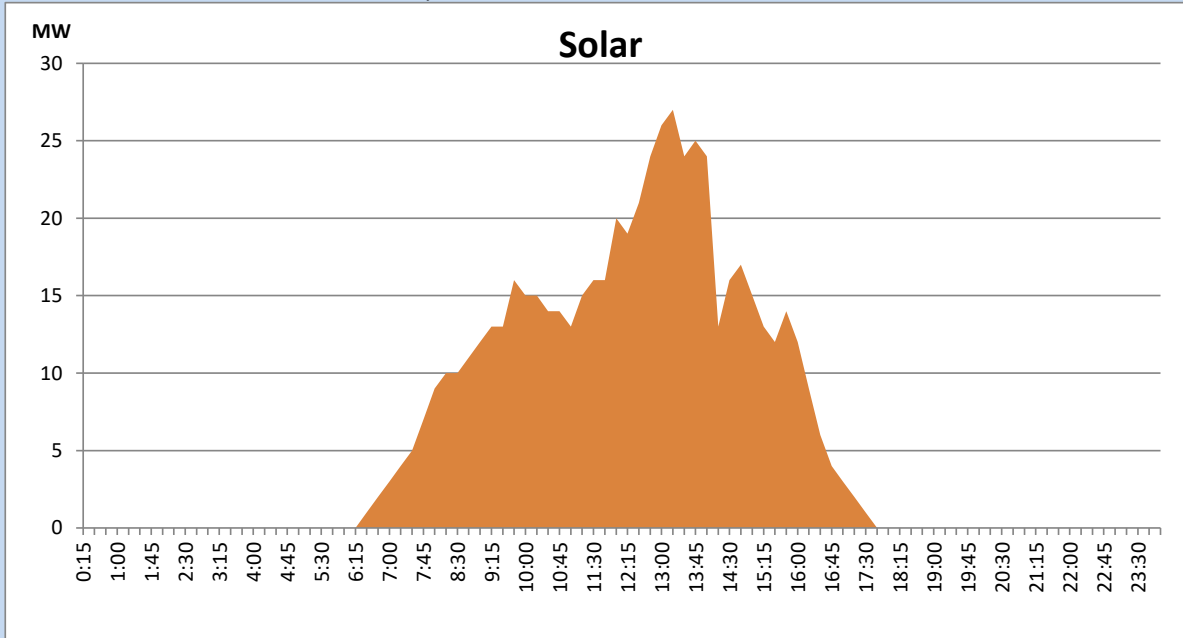
Based on Telemetered Power Stations only



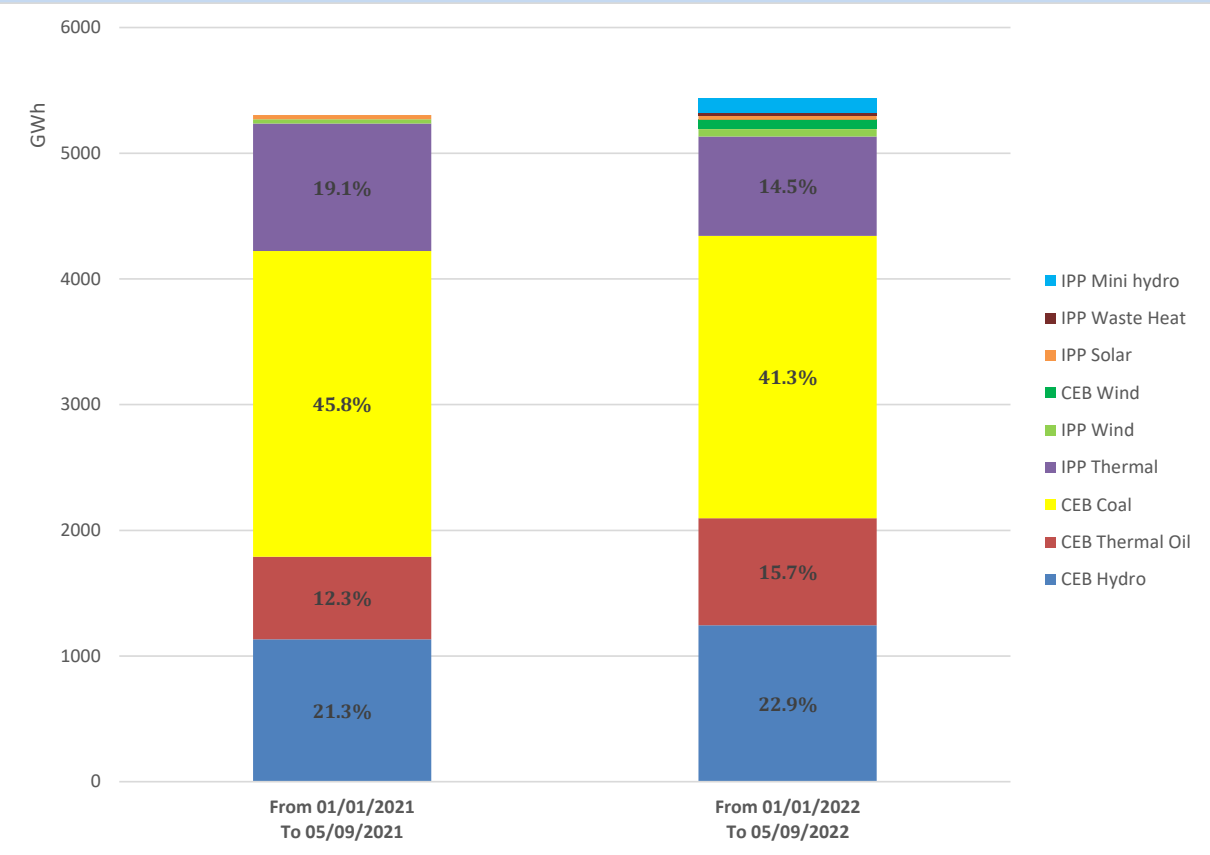
Solar Generation during the Previous day

May 8, 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 10, 2022

- 1) Rotational manual load shedding was carried out from 5:00hrs to 21:00hrs.
- 2) Panni 33kV B/S 02 CB tripped at 21:00hrs with 33kV Feeder 12. B/S C/B and feeder 12 energized at 21:05hrs and 21:22hrs respectively.