

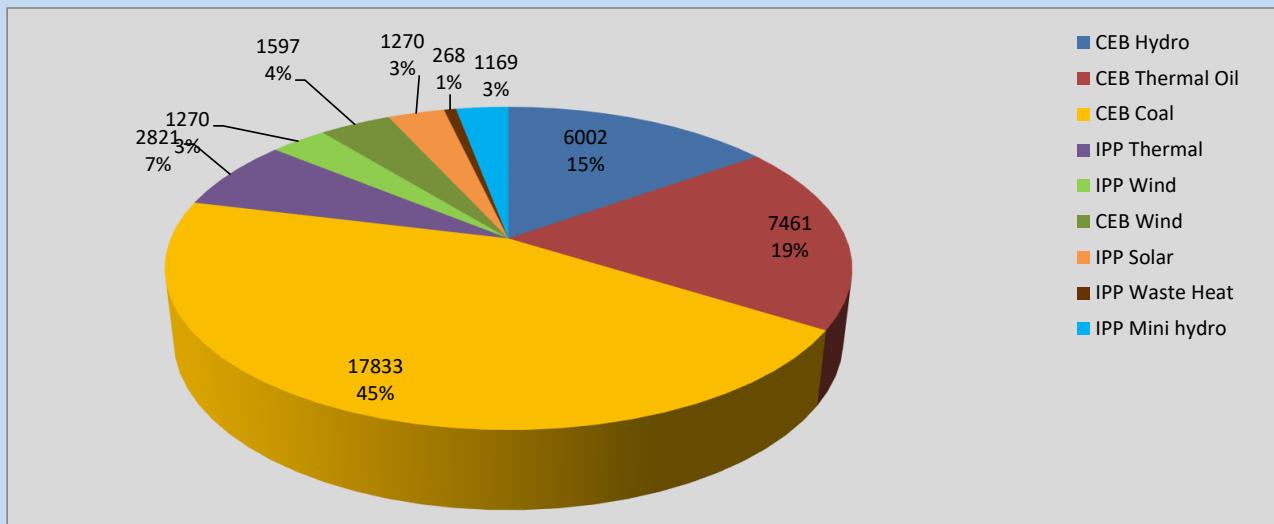
Generation and Reservoirs Statistics

May 1, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **38,655 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

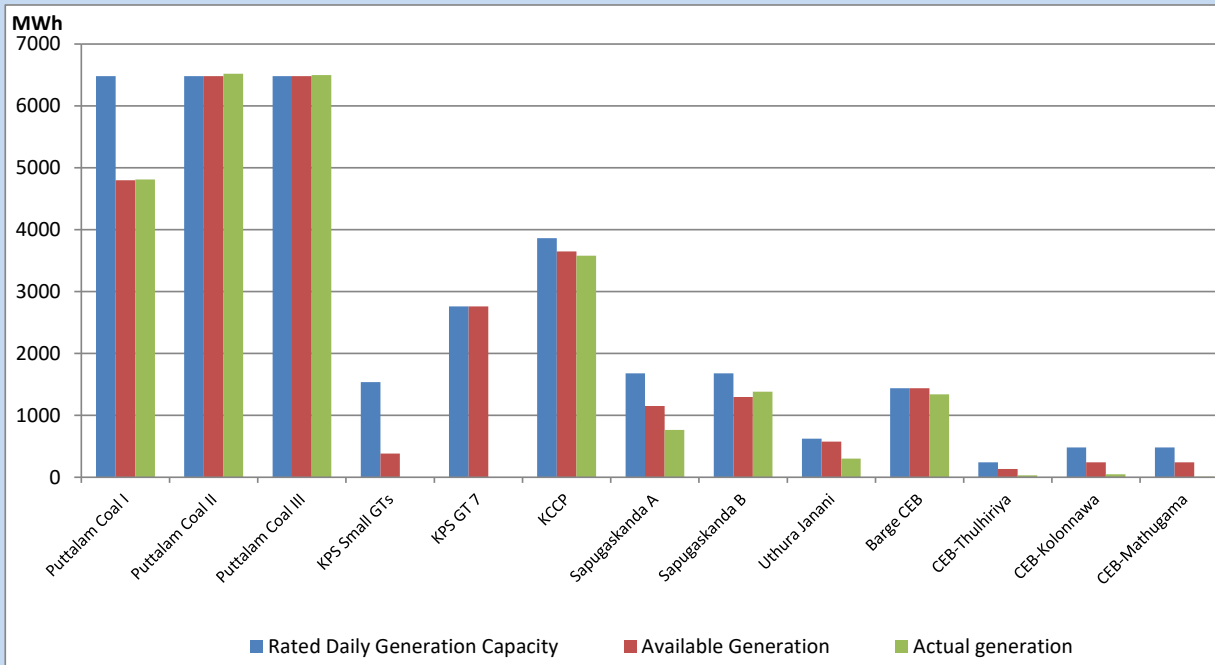
Category	Dispatch (GWh)	
CEB Hydro	6.01	15.55%
CEB Thermal Oil	7.46	19.30%
CEB Coal	17.83	46.12%
IPP Thermal	2.82	7.29%
SPP Wind	1.27	3.29%
CEB Wind	1.60	4.14%
SPP Solar	0.23	0.59%
SPP Solid Waste	0.27	0.70%
Mini Hydro	1.17	3.03%
Total	38.66	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	1,154.3	22.66%
CEB Thermal Oil	793.0	15.56%
CEB Coal	2,138.2	41.97%
IPP Thermal	731.1	14.35%
SPP Wind	52.3	1.03%
CEB Wind	67.3	1.32%
SPP Solar	31.5	0.62%
SPP Solid Waste	24.1	0.47%
Mini Hydro	103.2	2.03%
Total	5,094.6	

CEB owned Thermal Plant Dispatch

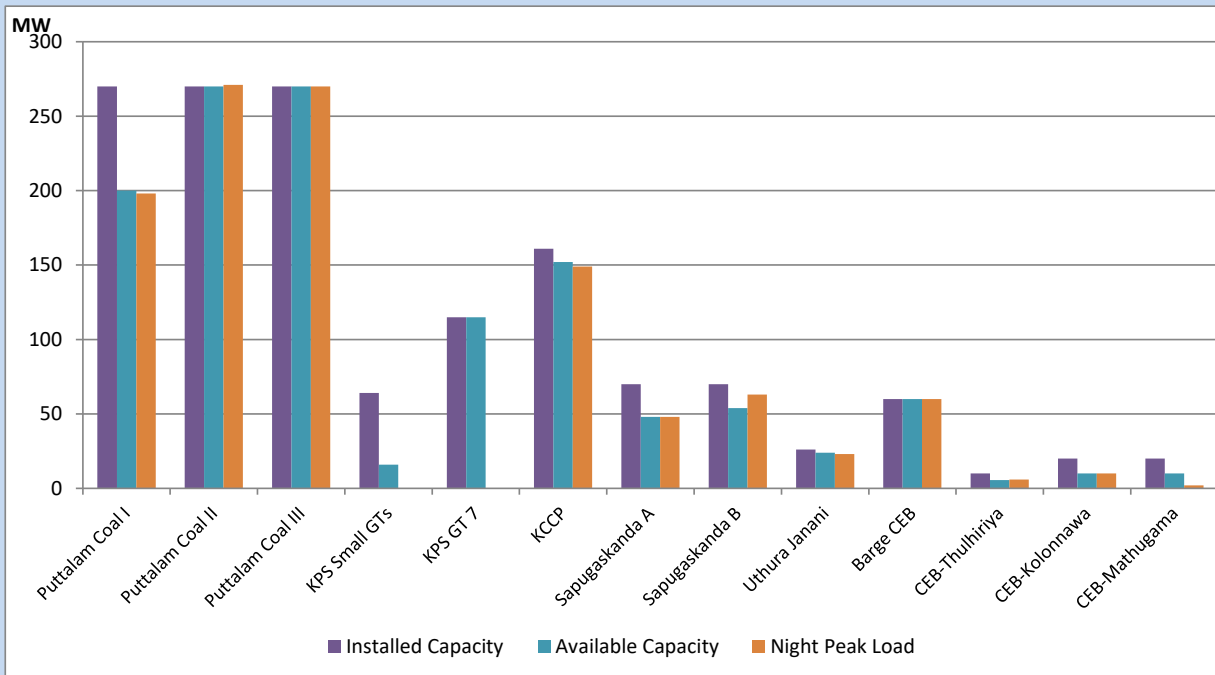
May 1, 2022



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

May 2, 2022

CEB owned Thermal Plant Loading at the Night Peak



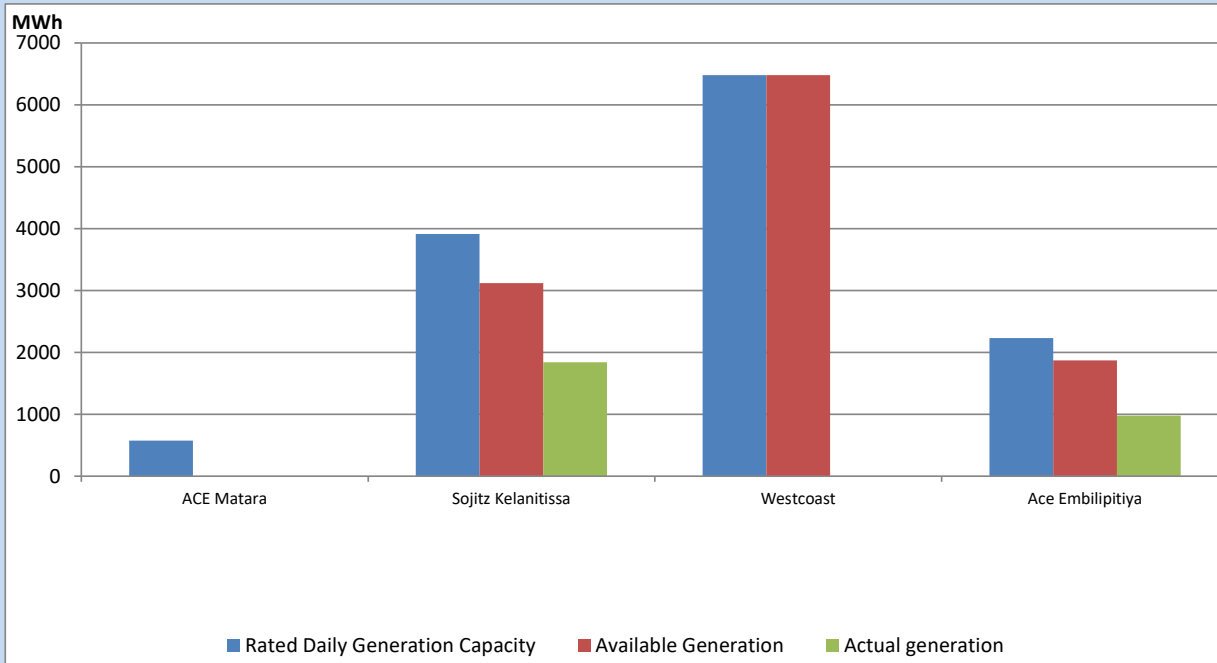
Note- Plant availability is recorded at 6.00 am on

May 2, 2022

IPP owned Thermal Plant Dispatch

May 1, 2022

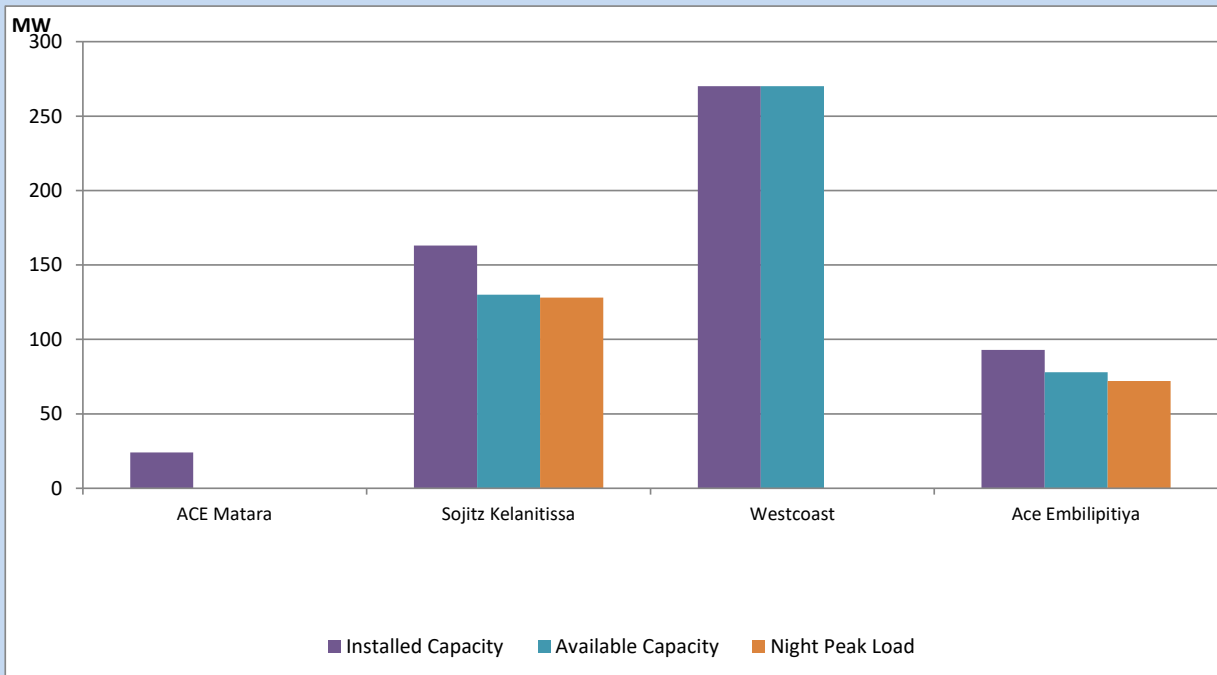
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

May 2, 2022

IPP owned Thermal Plant Loading at the Night Peak

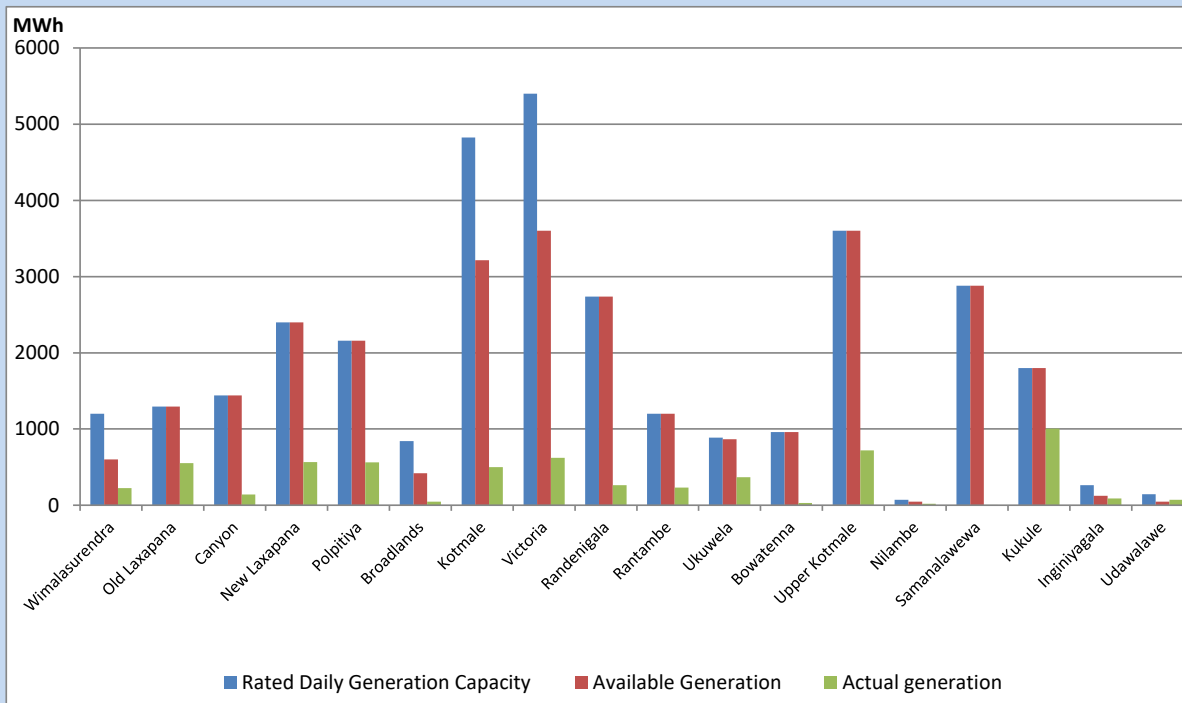


Note- Plant availability is recorded at 6.00 am on

May 2, 2022

Major Hydro Plant Dispatch

May 1, 2022

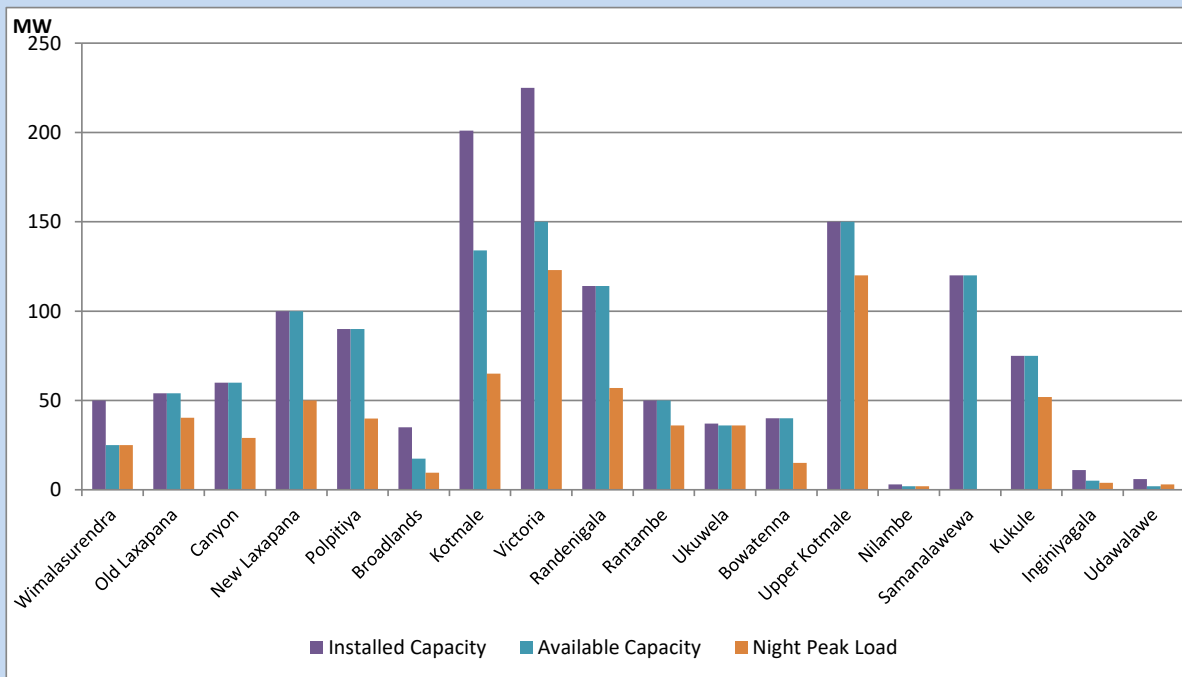


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

May 2, 2022

Major Hydro Plant Loading at Night Peak

May 1, 2022



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

May 2, 2022

Summary of Major Plant performance

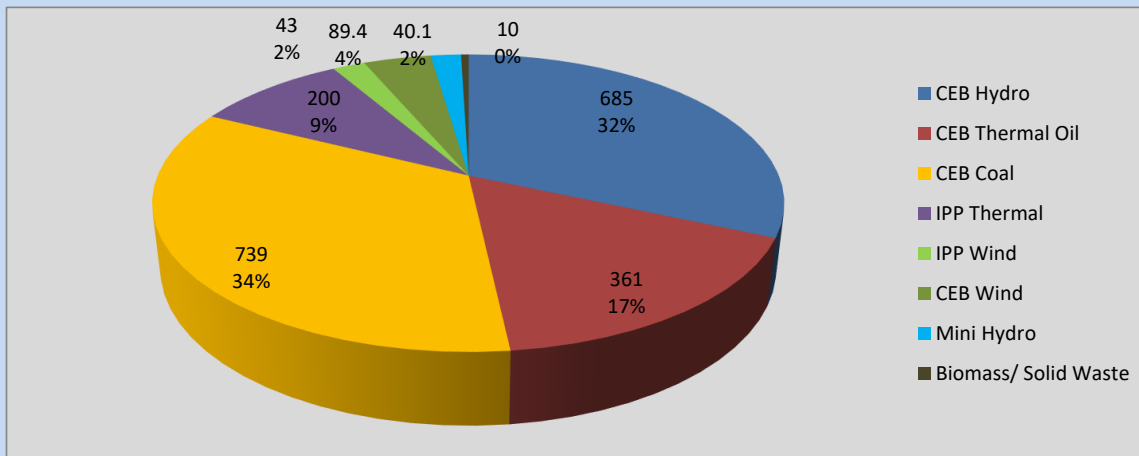
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	223
Old Laxapana	54	54	40	551
Canyon	60	60	29	140
New Laxapana	100	100	50	567
Polpitiya	90	90	40	561
Broadlands	35	18	10	47
Kotmale	201	134	65	500
Victoria	225	150	123	620
Randenigala	114	114	57	262
Rantambe	50	50	36	230
Ukuwela	37	36	36	366
Bowatenna	40	40	15	30
Upper Kotmale	150	150	120	718
Nilambe	3	2	2	20
Samanalawewa	120	120	0	1
Kukule	75	75	52	1,004
Inginiyagala	11	5	4	90
Udawalawe	6	2	3	72
Puttalam Coal I	270	200	198	4,813
Puttalam Coal II	270	270	271	6,522
Puttalam Coal III	270	270	270	6,498
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	149	3,579
Sapugaskanda A	70	48	48	766
Sapugaskanda B	70	54	63	1,384
Uthura Janani	26	24	23	302
Barge CEB	60	60	60	1,342
CEB-Thulhiriya	10	6	6	30
CEB-Kolonnawa	20	10	10	50
CEB-Mathugama	20	10	2	8
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	130	128	1,841
West Coast	270	270	0	0
ACE Embilipitiya	93	78	72	980
Total	3,397	2,937	2,189	38,655

Plant availability is the availability recorded at 6 am on

May 2, 2022

Contribution to the Night Peak in MW

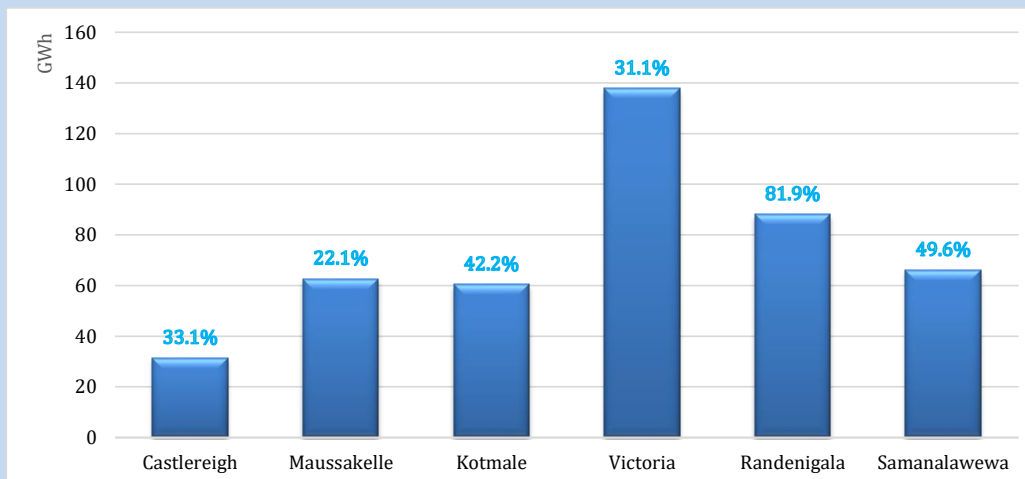
May 1, 2022



Night Peak*	2,167.1 MW
Day Peak	1,470.0 MW
Minimum Demand	1,442.4 MW

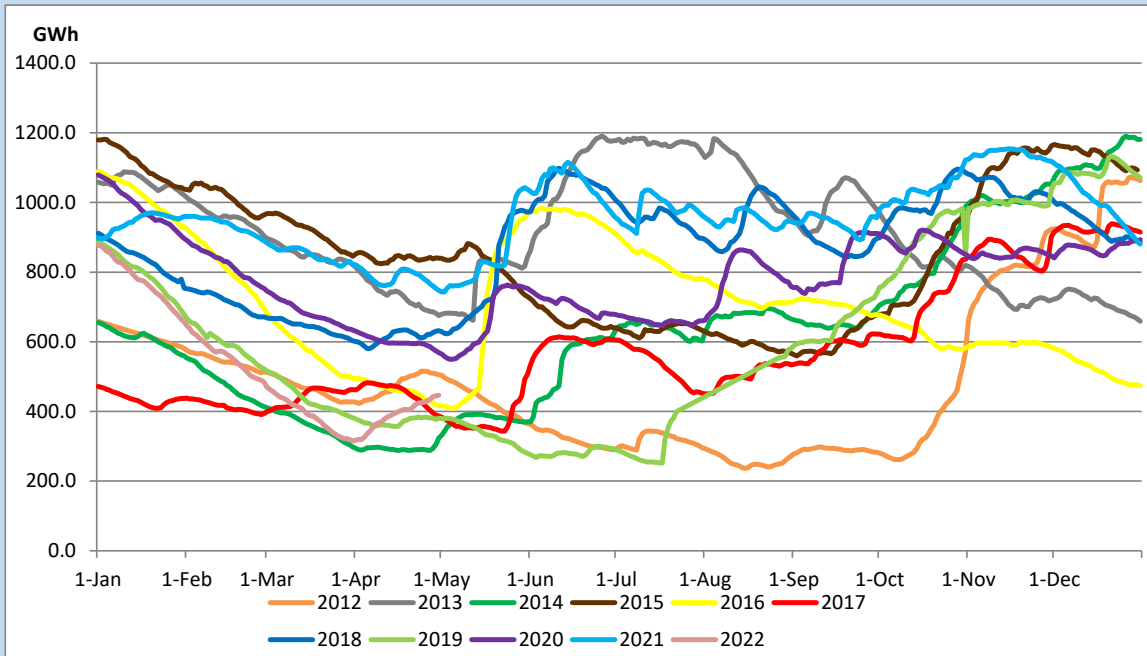
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on May 2, 2022



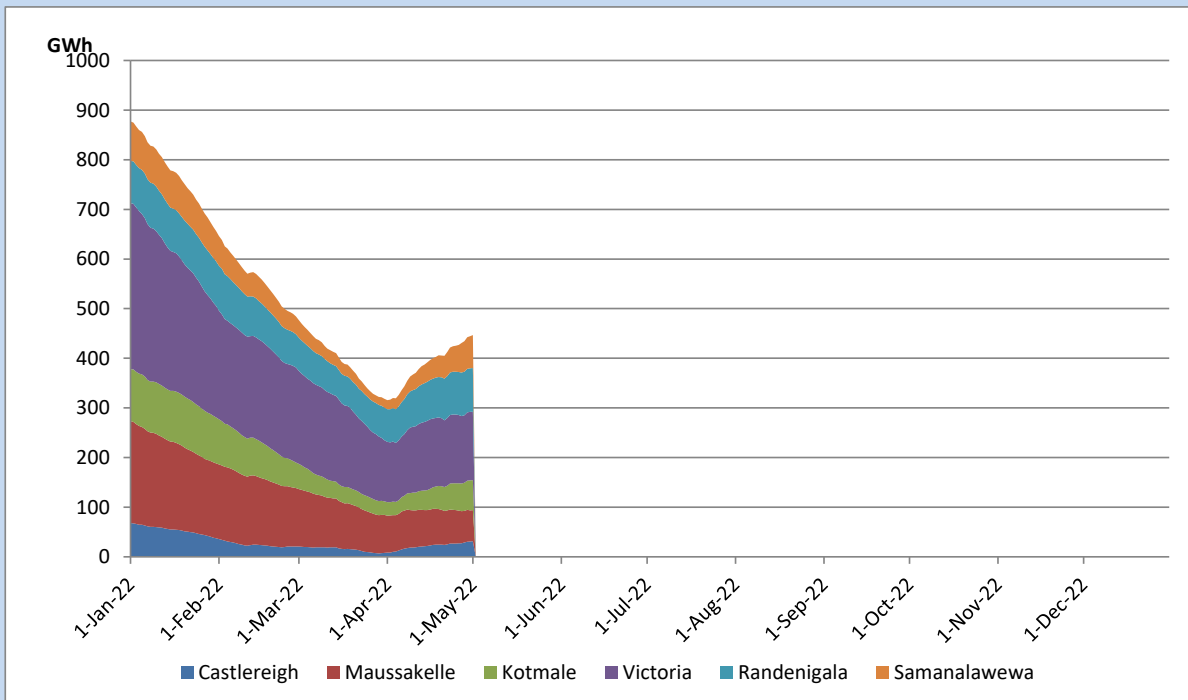
Total Reservoir Level	446.5 GWh
% of Total capacity	43.3%

Comparison of Total Reservoir Storage Levels with Past Years

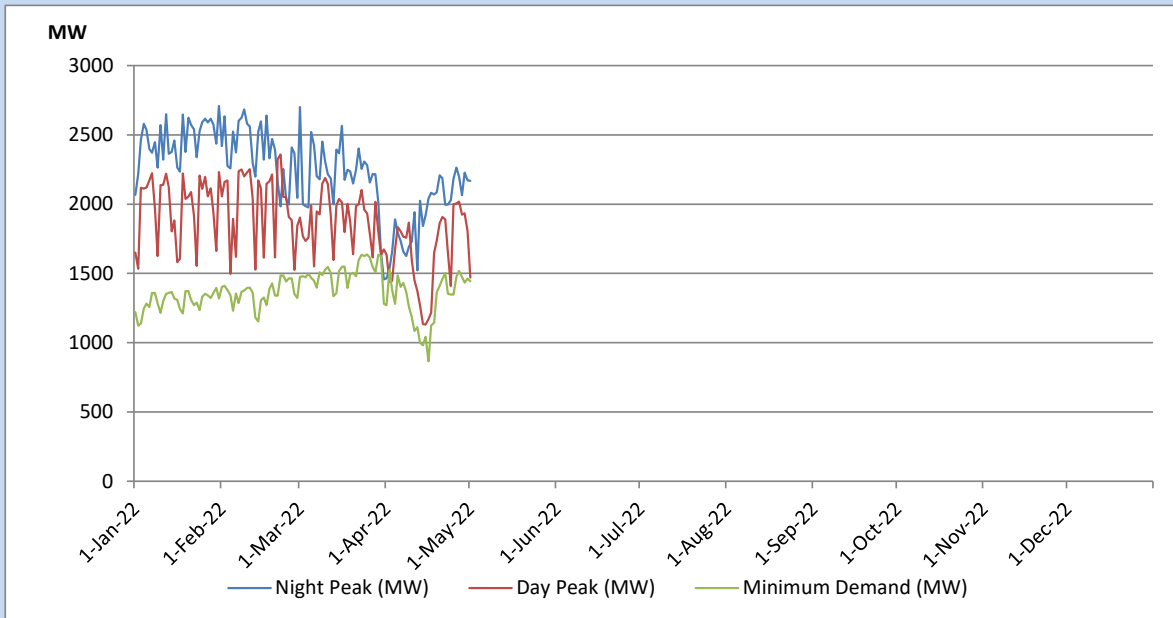


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

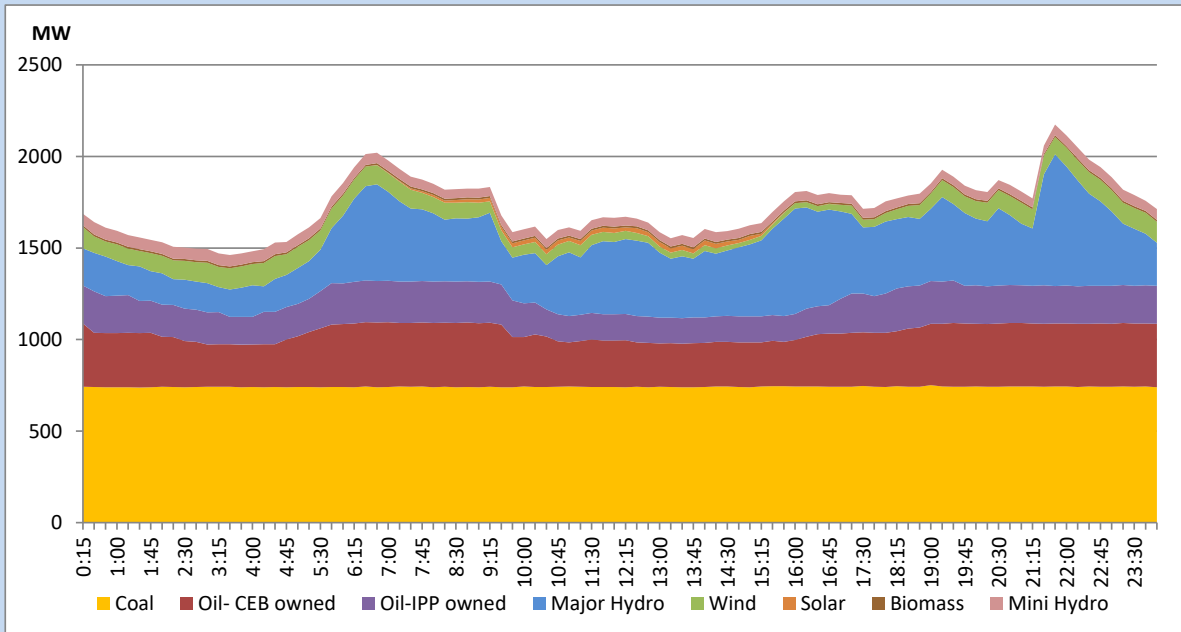


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

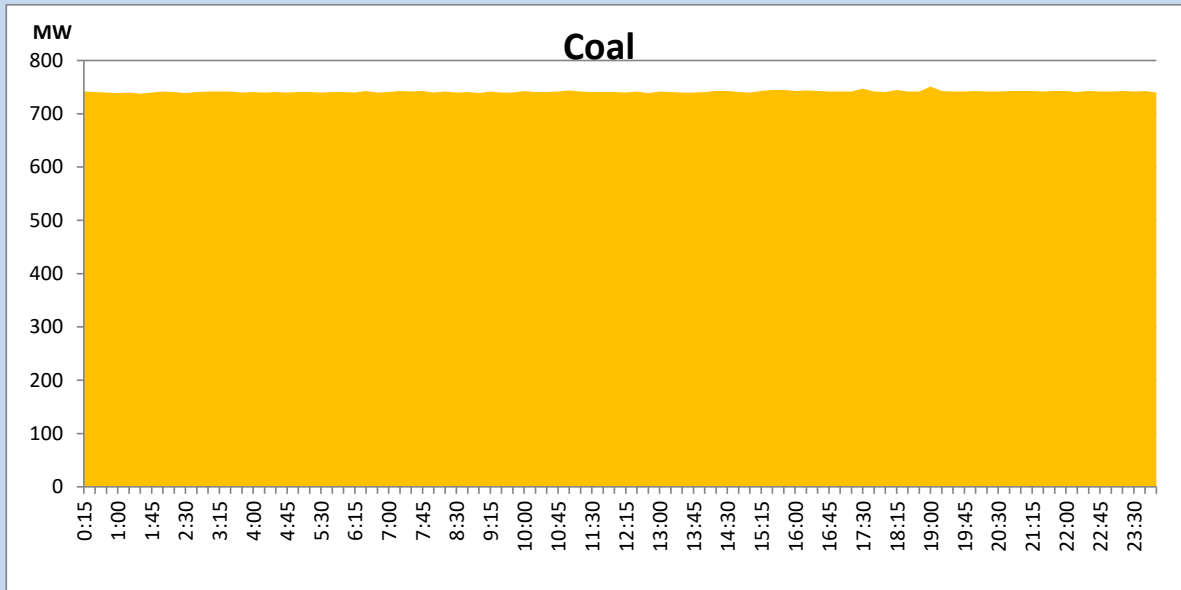
April 30, 2022

Solar and wind data is based on Telemetered Power Stations only



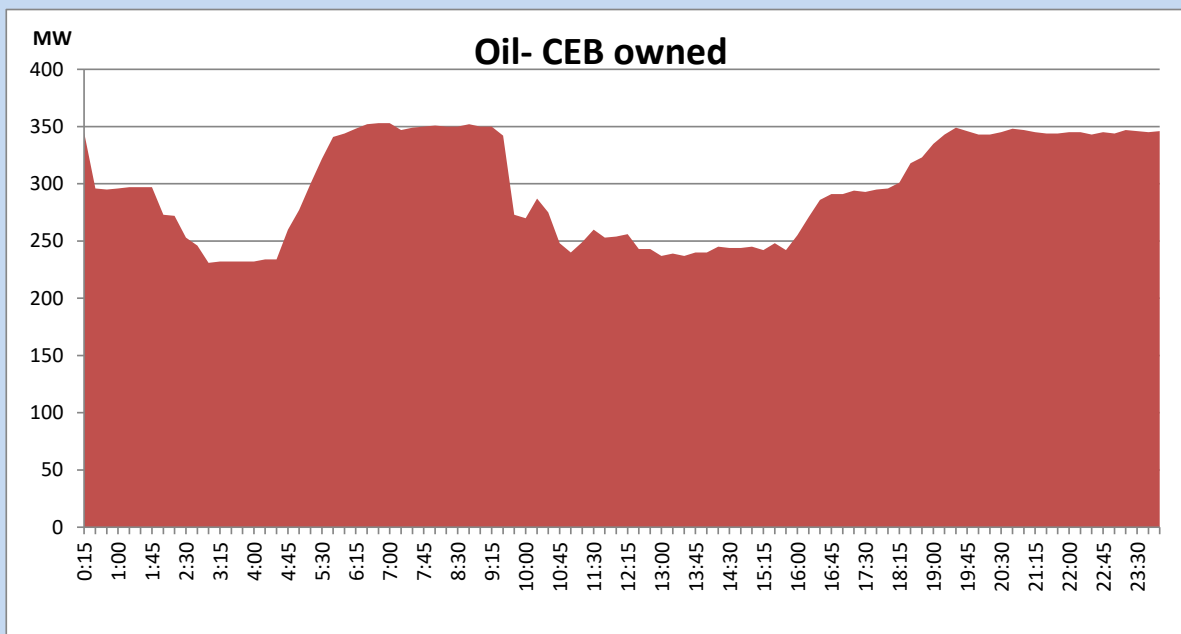
Coal Generation during the Previous day

April 30, 2022



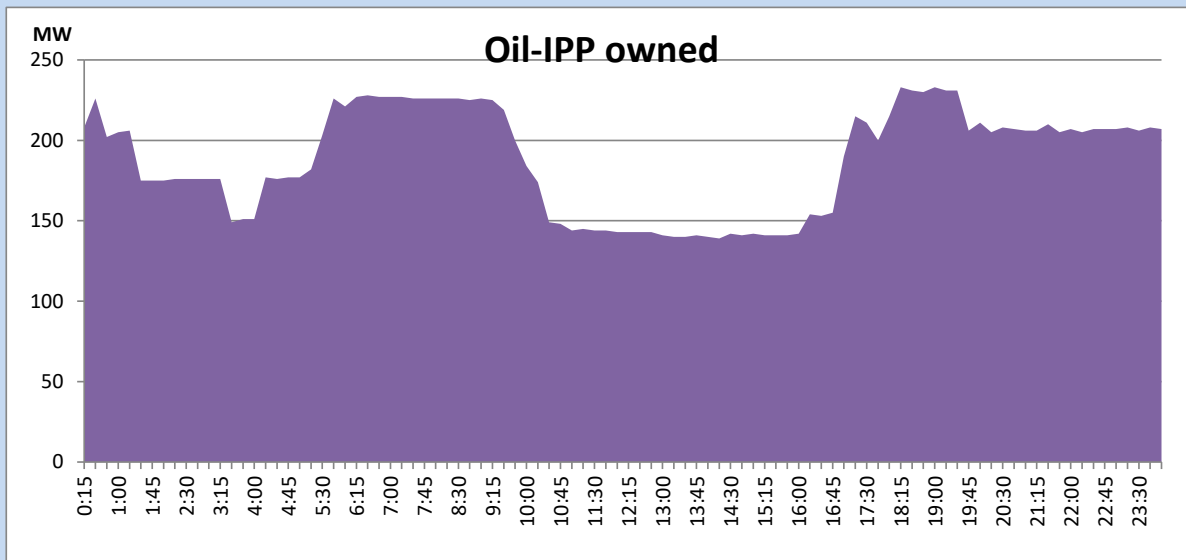
CEB Oil Plant Generation during the Previous day

April 30, 2022



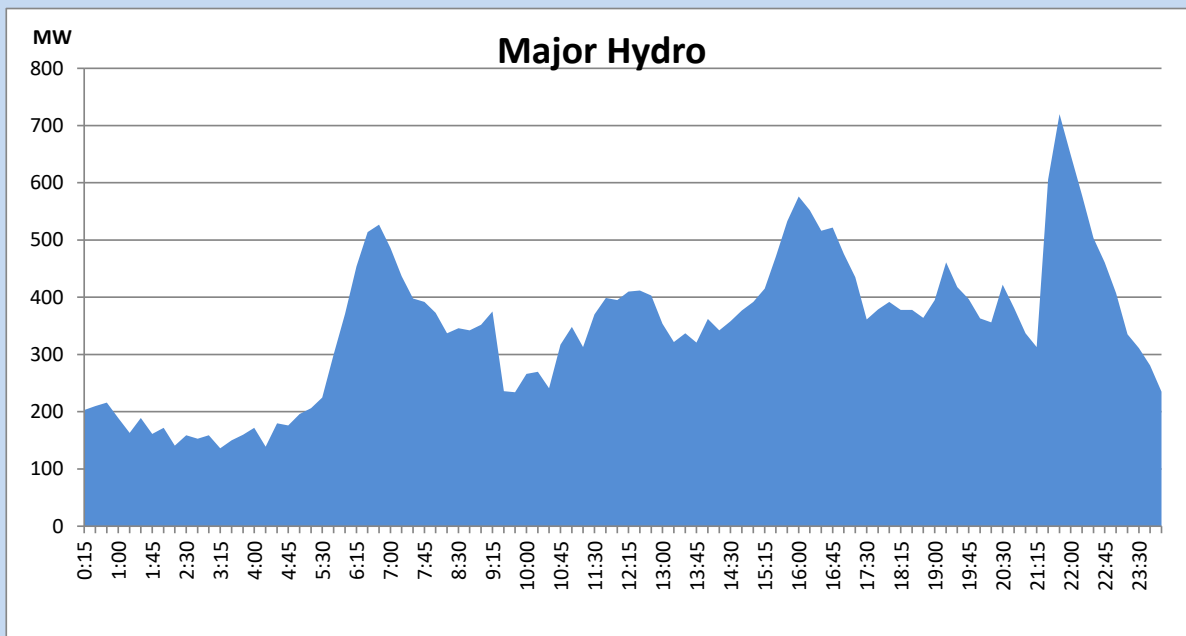
IPP Oil Plant Generation during the Previous day

April 30, 2022



Major Hydro Generation during the Previous day

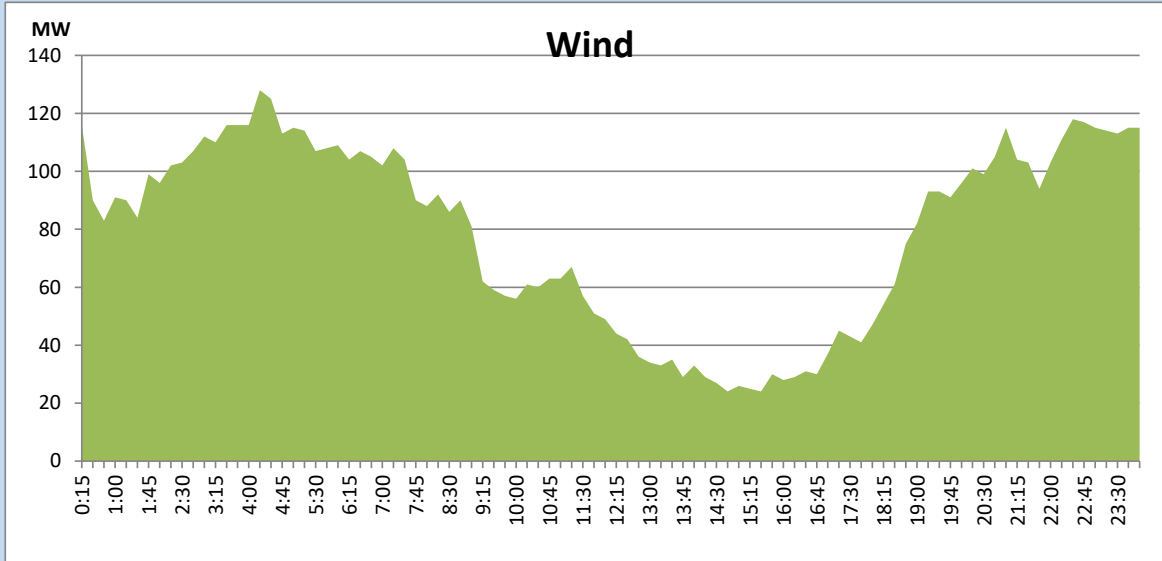
April 30, 2022



Wind Generation during the Previous day

April 30, 2022

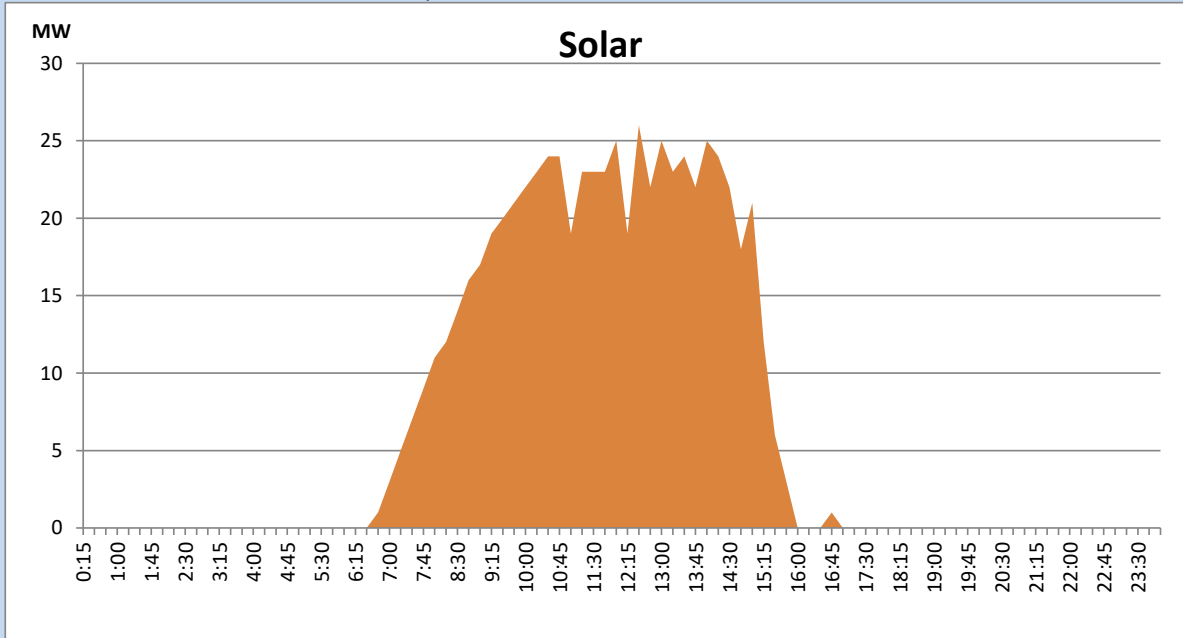
Based on Telemetered Power Stations only



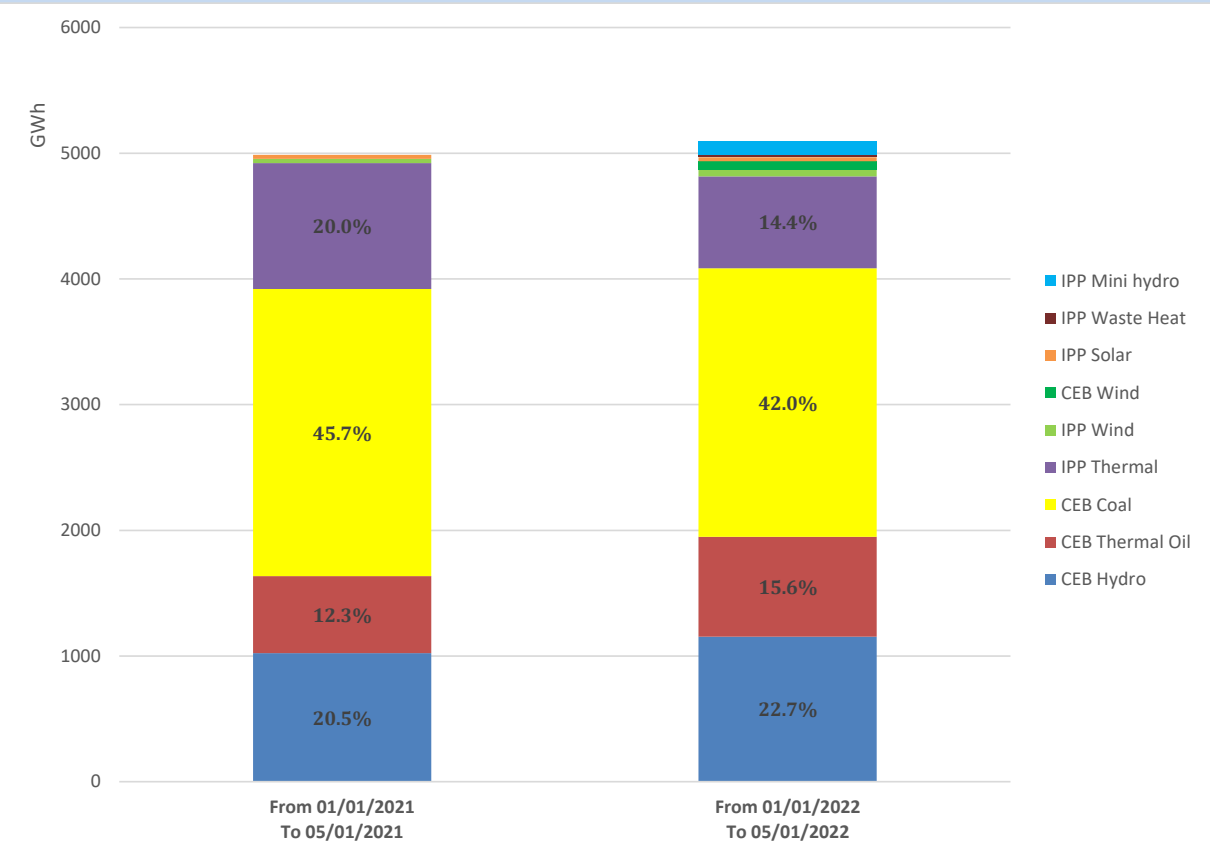
Solar Generation during the Previous day

April 30, 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 2, 2022

- 1) Mathu-Kalu and Mathu horana both ccts tripped at 8:00 hrs causing Mathu, Amb,Galle and Kuku PS to be dead. Both ccts and effected GSS restored by 8:21 hrs.
- 2) Matara-Beli cct tripped at 8:08 hrs and restored at 8:20 hrs.
- 3) Galle -Matara cct 01 tripped and A/r at 10:40 hrs.
- 4) Mathu-Kuku both ccts tripped at 22:39 hrs causing Kuku PS to be dead. Both ccts restored at 23:11 hrs.