

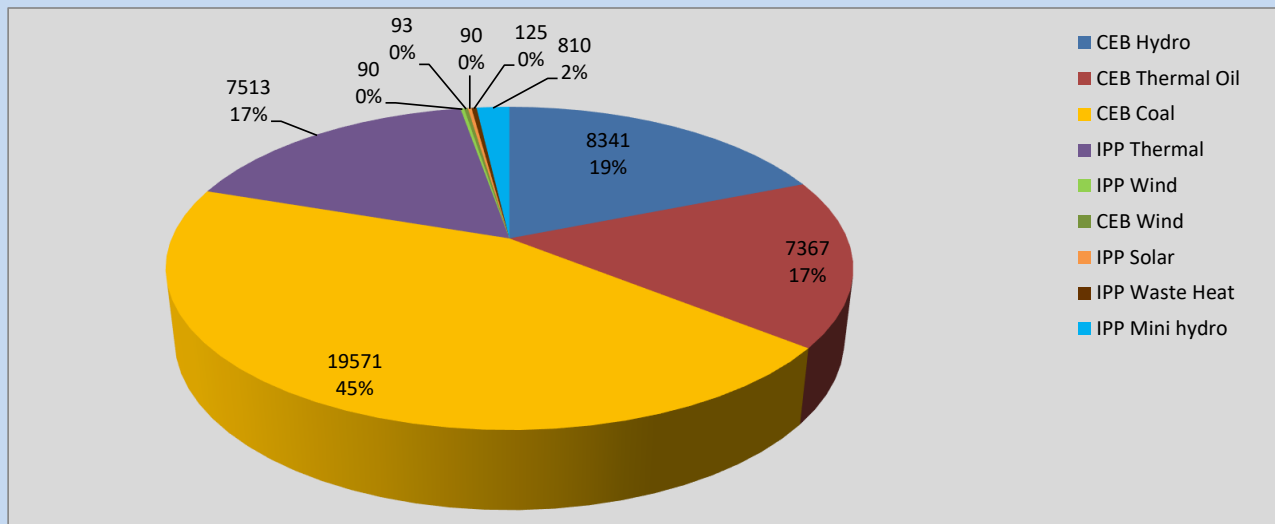
Generation and Reservoirs Statistics

April 26, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

44,226 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

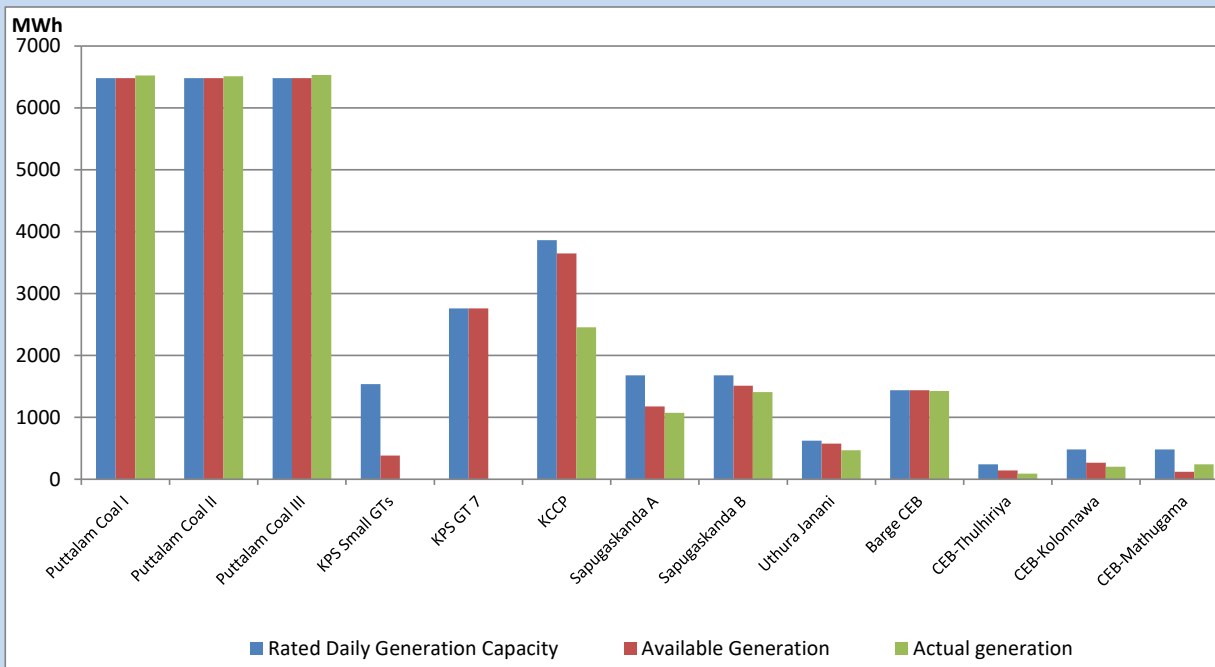
Category	Dispatch (GWh)	Percentage
CEB Hydro	187.32	19.39%
CEB Thermal Oil	113.67	11.76%
CEB Coal	494.29	51.16%
IPP Thermal	111.72	11.56%
SPP Wind	7.08	0.73%
CEB Wind	9.05	0.94%
SPP Solar	6.59	0.68%
SPP Solid Waste	5.46	0.57%
Mini Hydro	31.02	3.21%
Total	966.20	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,117.2	22.87%
CEB Thermal Oil	754.8	15.45%
CEB Coal	2,044.8	41.86%
IPP Thermal	704.6	14.43%
SPP Wind	49.5	1.01%
CEB Wind	62.8	1.29%
SPP Solar	30.2	0.62%
SPP Solid Waste	23.2	0.47%
Mini Hydro	97.4	1.99%
Total	4,884.3	

CEB owned Thermal Plant Dispatch

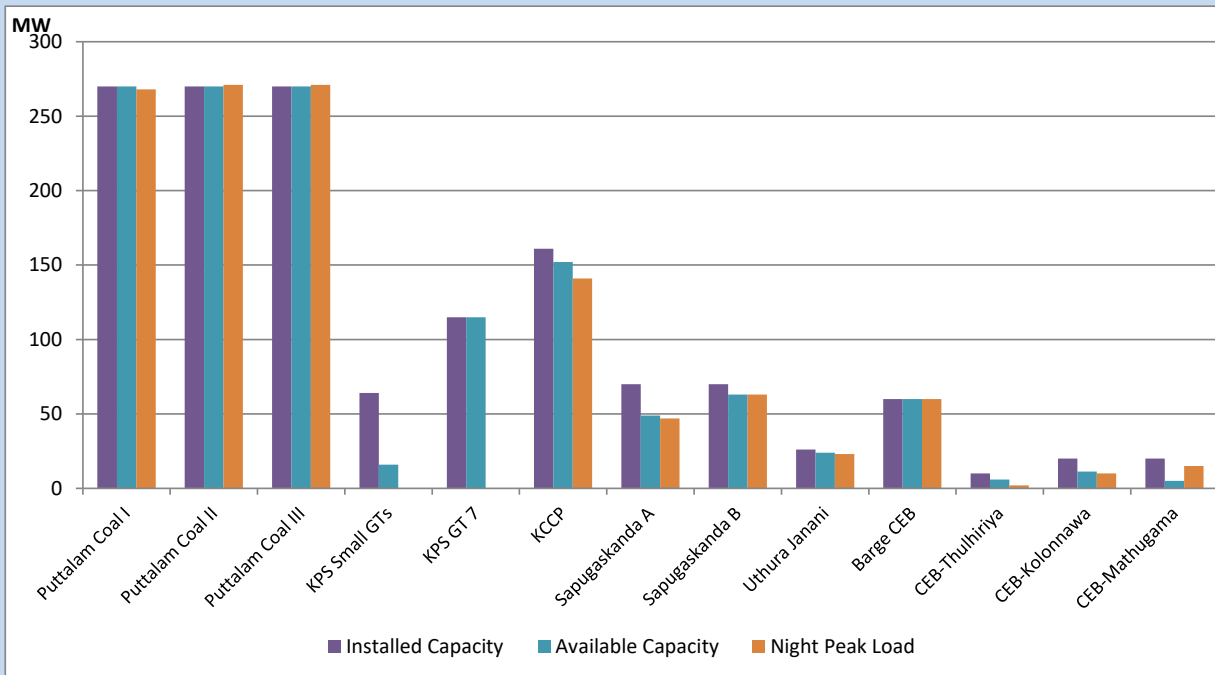
April 26, 2022



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

April 27, 2022

CEB owned Thermal Plant Loading at the Night Peak



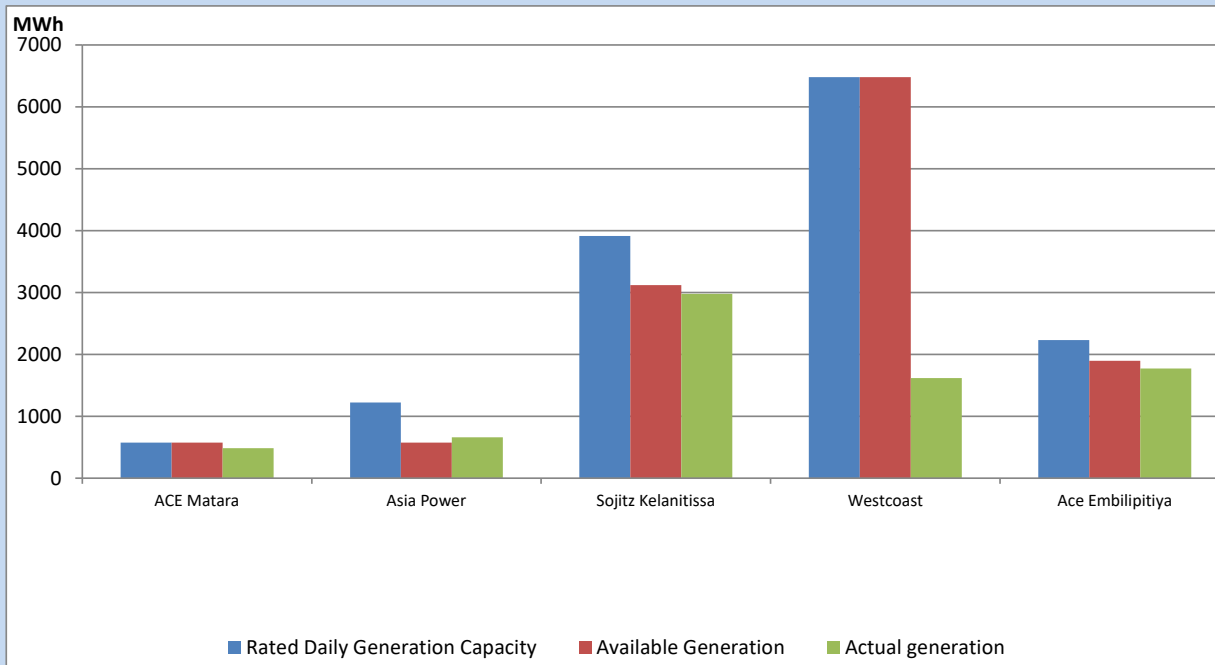
Note- Plant availability is recorded at 6.00 am on

April 27, 2022

IPP owned Thermal Plant Dispatch

April 26, 2022

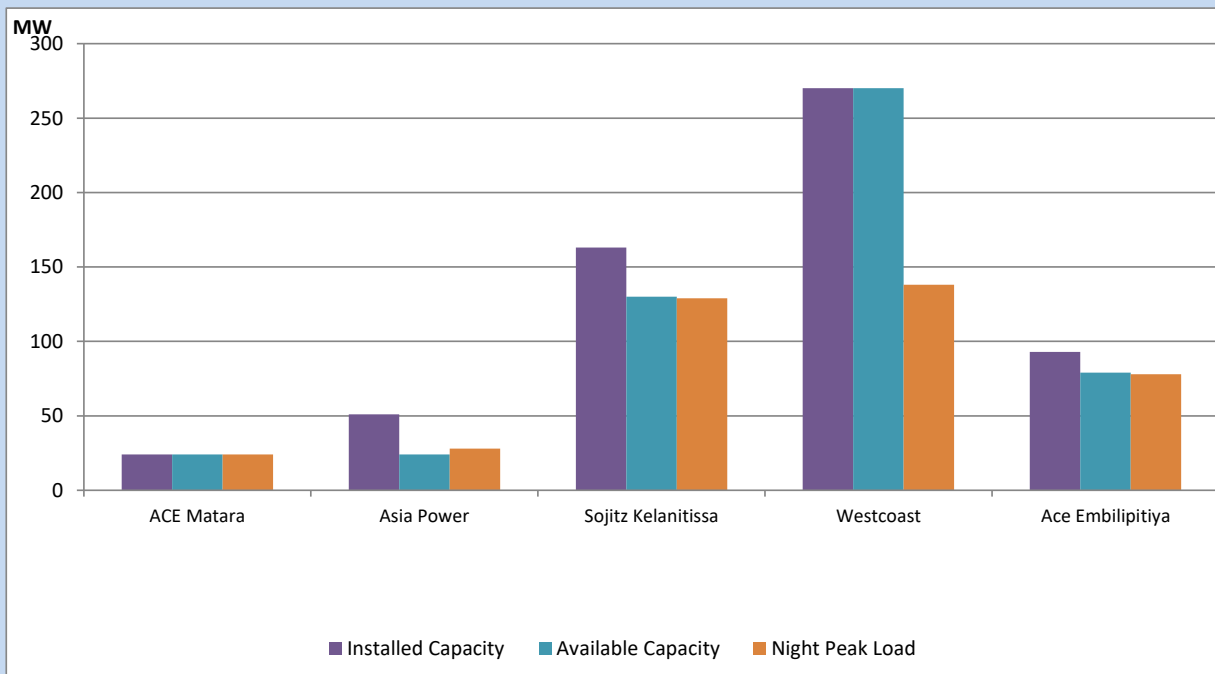
V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

April 27, 2022

IPP owned Thermal Plant Loading at the Night Peak

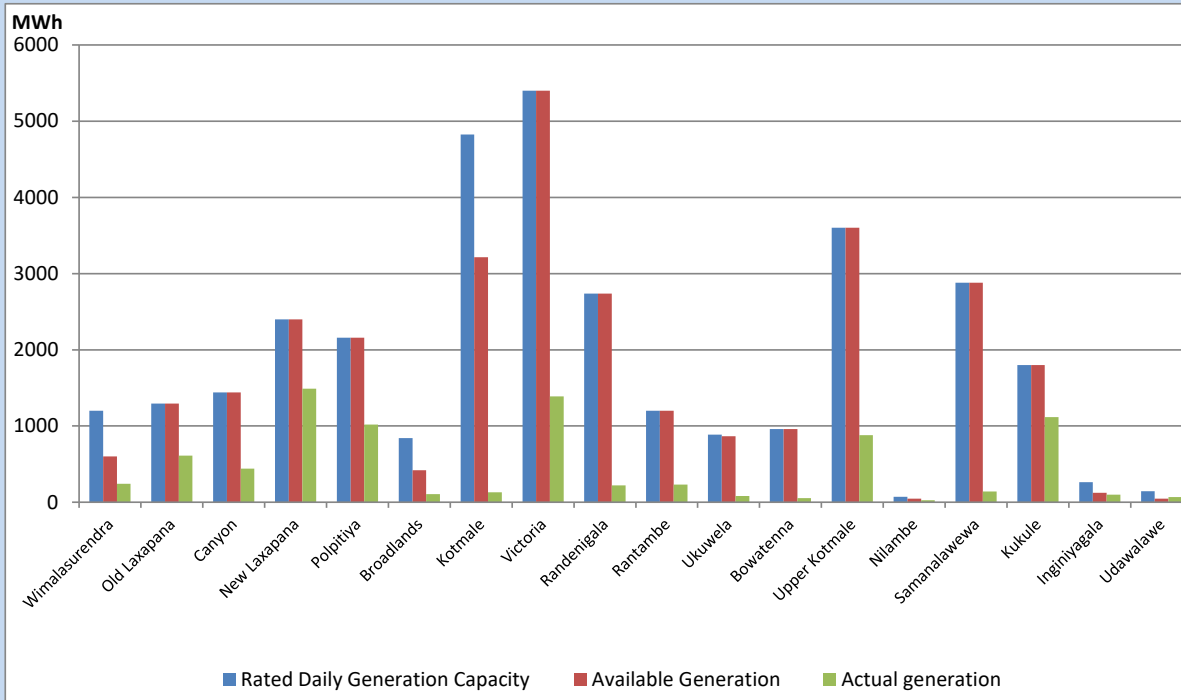


Note- Plant availability is recorded at 6.00 am on

April 27, 2022

Major Hydro Plant Dispatch

April 26, 2022

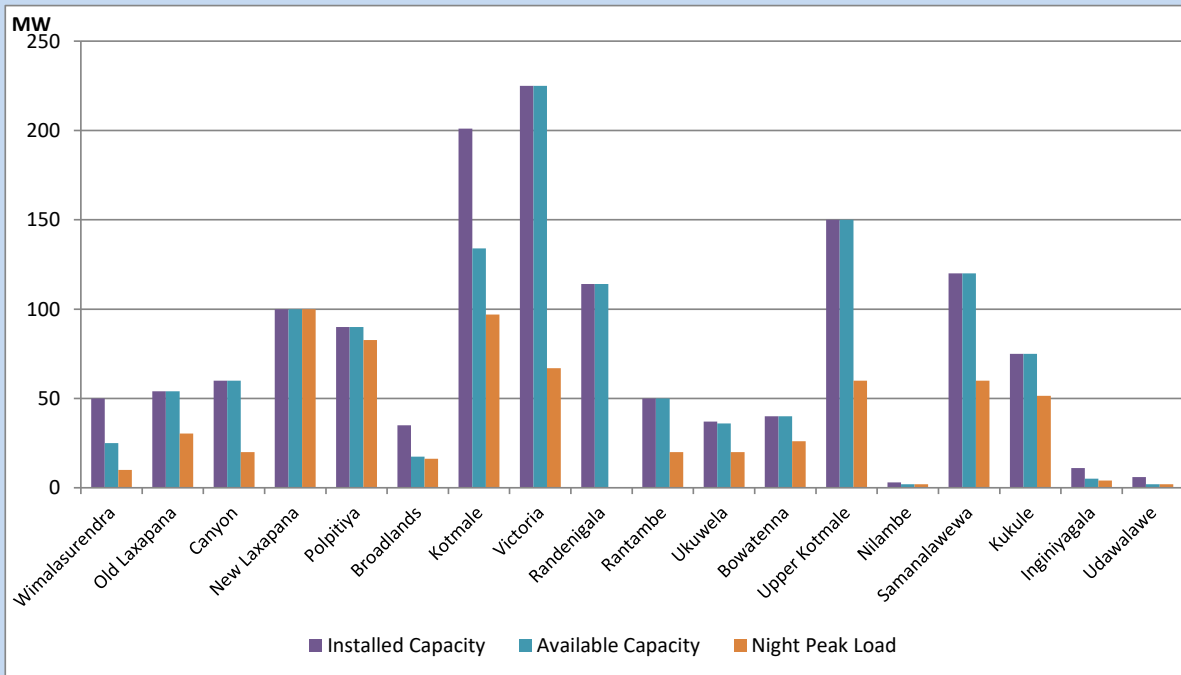


Available Generation is estimated based on plant availability at 6.00am on April 27, 2022
 Broadlands power plant is operating in the Commissioning Stage

April 27, 2022

Major Hydro Plant Loading at Night Peak

April 26, 2022



Note- Plant availability is recorded at 6.00 am on April 27, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

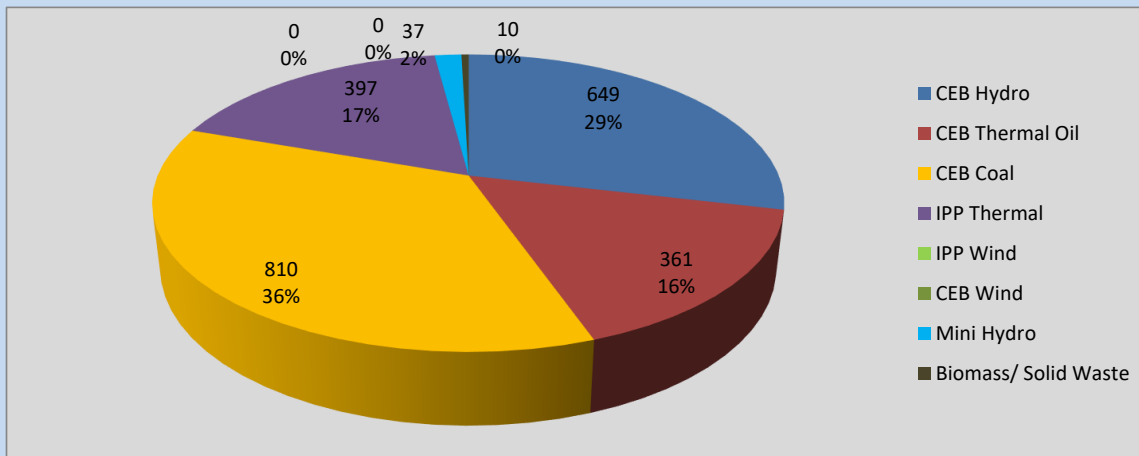
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	10	241
Old Laxapana	54	54	30	610
Canyon	60	60	20	439
New Laxapana	100	100	100	1,490
Polpitiya	90	90	83	1,018
Broadlands	35	18	16	105
Kotmale	201	134	97	130
Victoria	225	225	67	1,389
Randenigala	114	114	0	221
Rantambe	50	50	20	233
Ukuwela	37	36	20	83
Bowatenna	40	40	26	53
Upper Kotmale	150	150	60	881
Nilambe	3	2	2	25
Samanalawewa	120	120	60	142
Kukule	75	75	51	1,115
Inginiyagala	11	5	4	98
Udawalawe	6	2	2	68
Puttalam Coal I	270	270	268	6,525
Puttalam Coal II	270	270	271	6,512
Puttalam Coal III	270	270	271	6,534
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	141	2,456
Sapugaskanda A	70	49	47	1,074
Sapugaskanda B	70	63	63	1,407
Uthura Janani	26	24	23	470
Barge CEB	60	60	60	1,426
CEB-Thulhiriya	10	6	2	90
CEB-Kolonnawa	20	11	10	204
CEB-Mathugama	20	5	15	240
ACE Matara	24	24	24	484
Asia Power	51	24	28	659
Sojitz Kelanitissa	163	130	129	2,980
West Coast	270	270	138	1,619
ACE Embilipitiya	93	79	78	1,771
Total	3,448	3,138	2,284	44,226

Plant availability is the availability recorded at 6 am on

April 27, 2022

Contribution to the Night Peak in MW

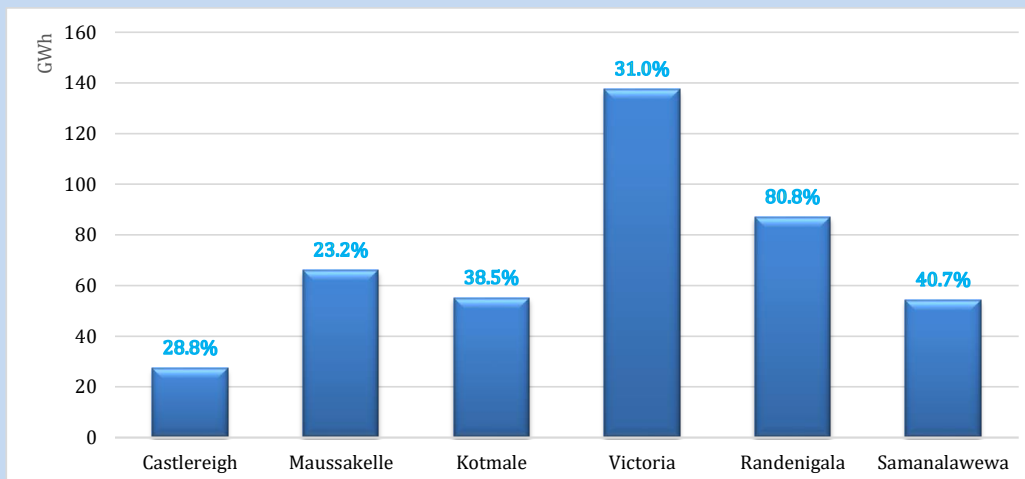
April 26, 2022



Night Peak*	2,263.8 MW
Day Peak	2,004.8 MW
Minimum Demand	1,475.1 MW

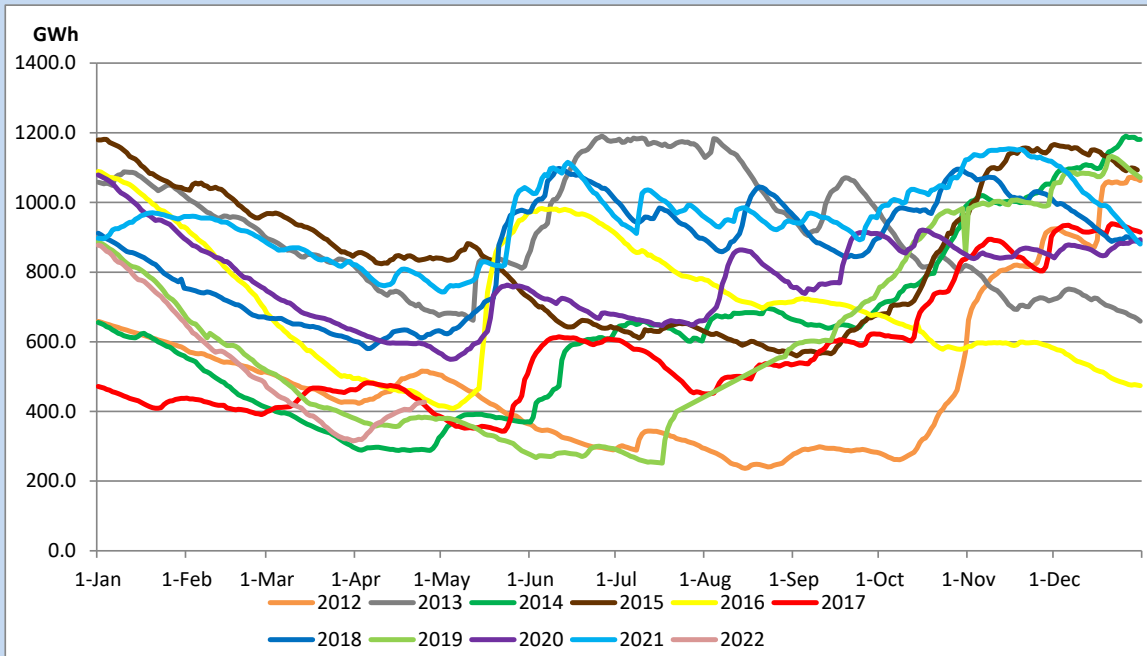
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on April 27, 2022



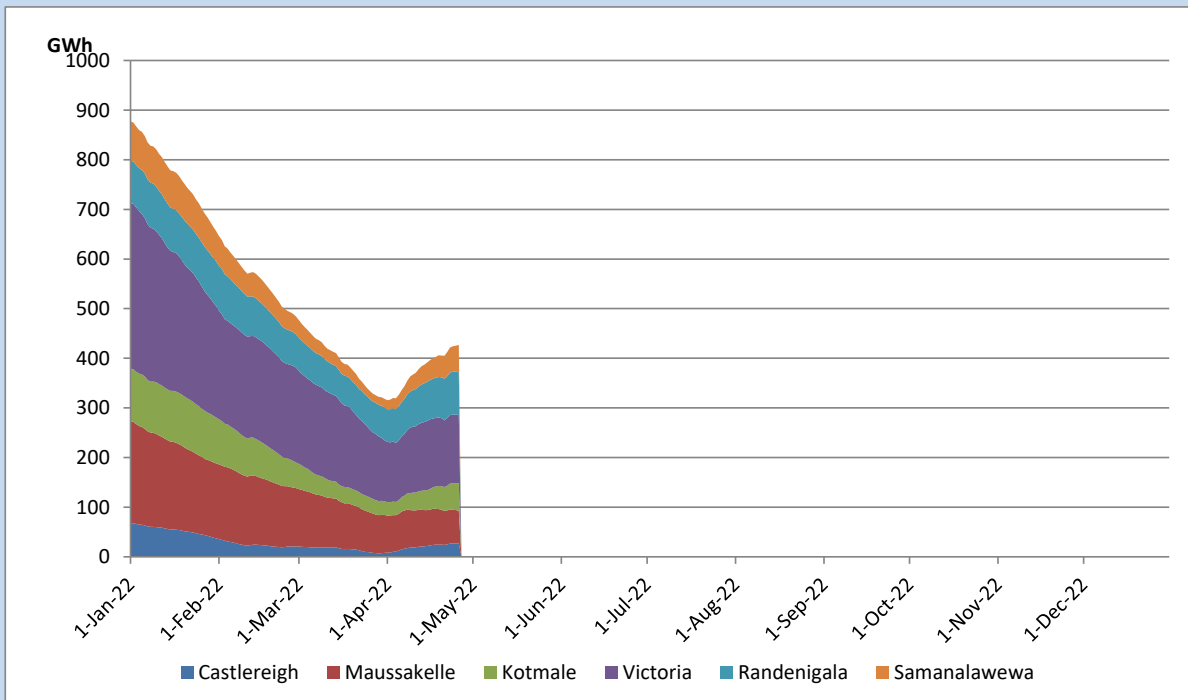
Total Reservoir Level	426.7 GWh
% of Total capacity	40.5%

Comparison of Total Reservoir Storage Levels with Past Years

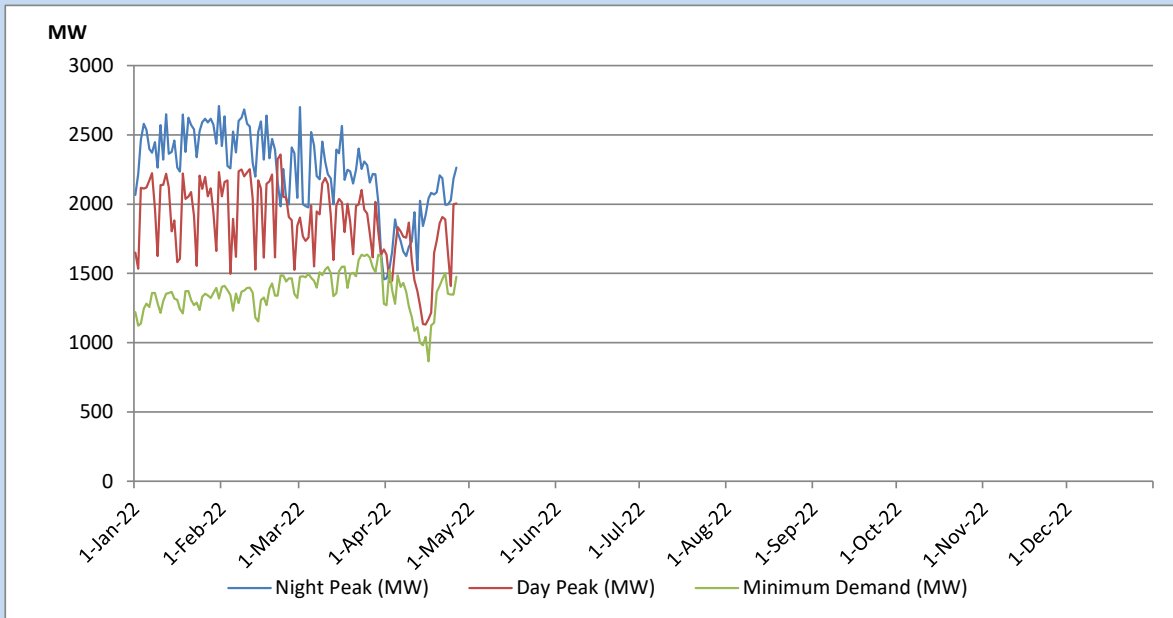


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

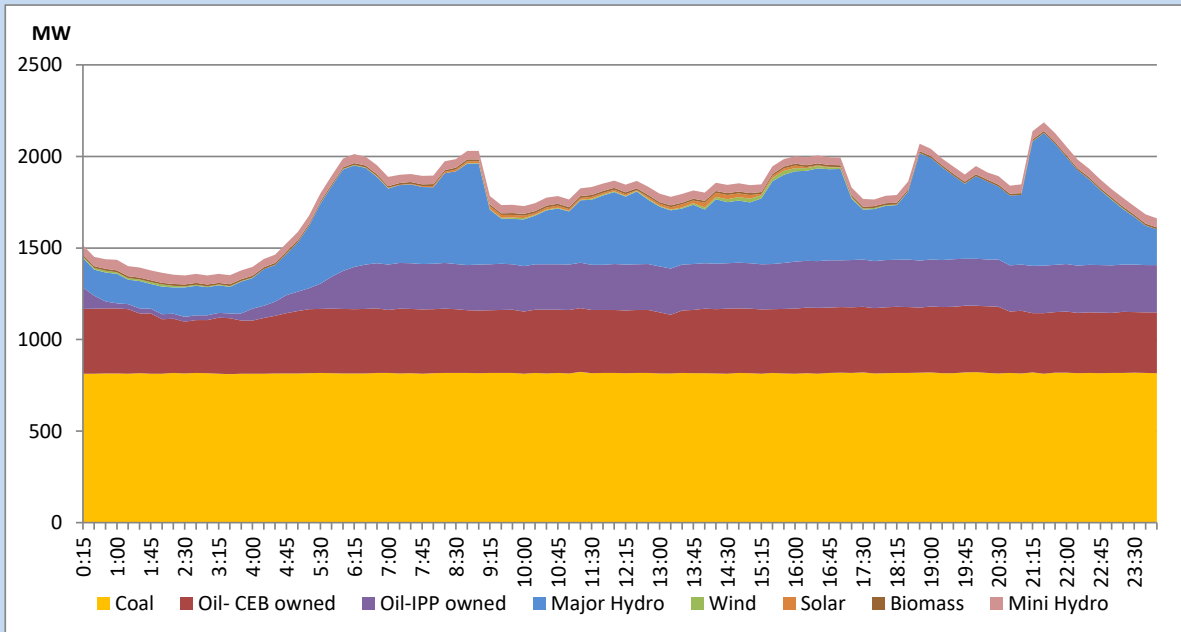


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

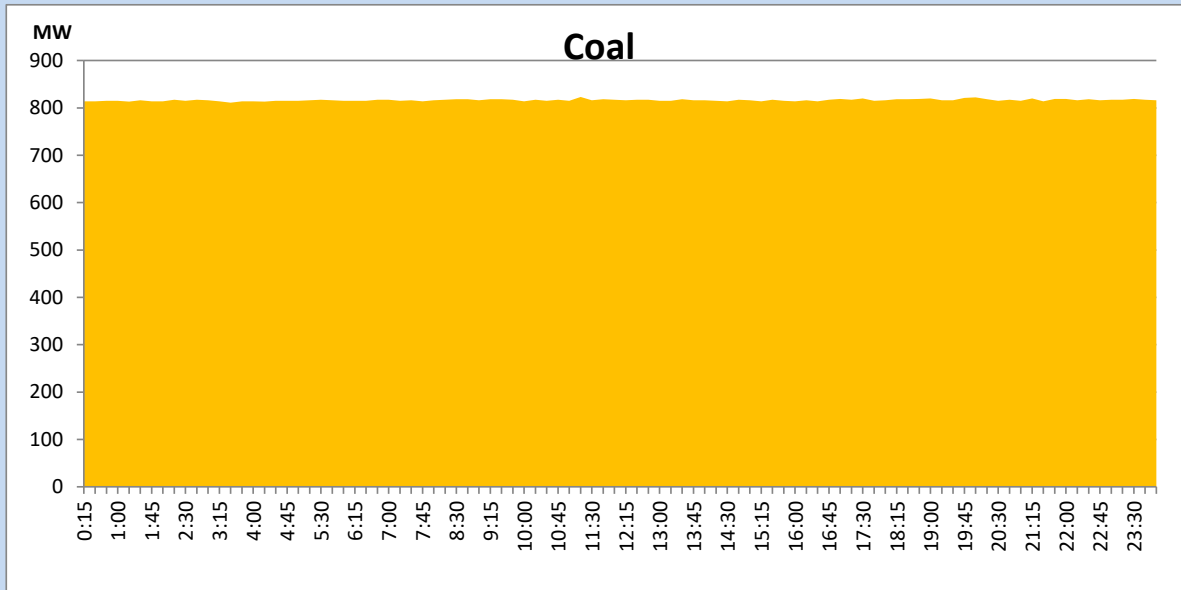
April 25, 2022

Solar and wind data is based on Telemetered Power Stations only



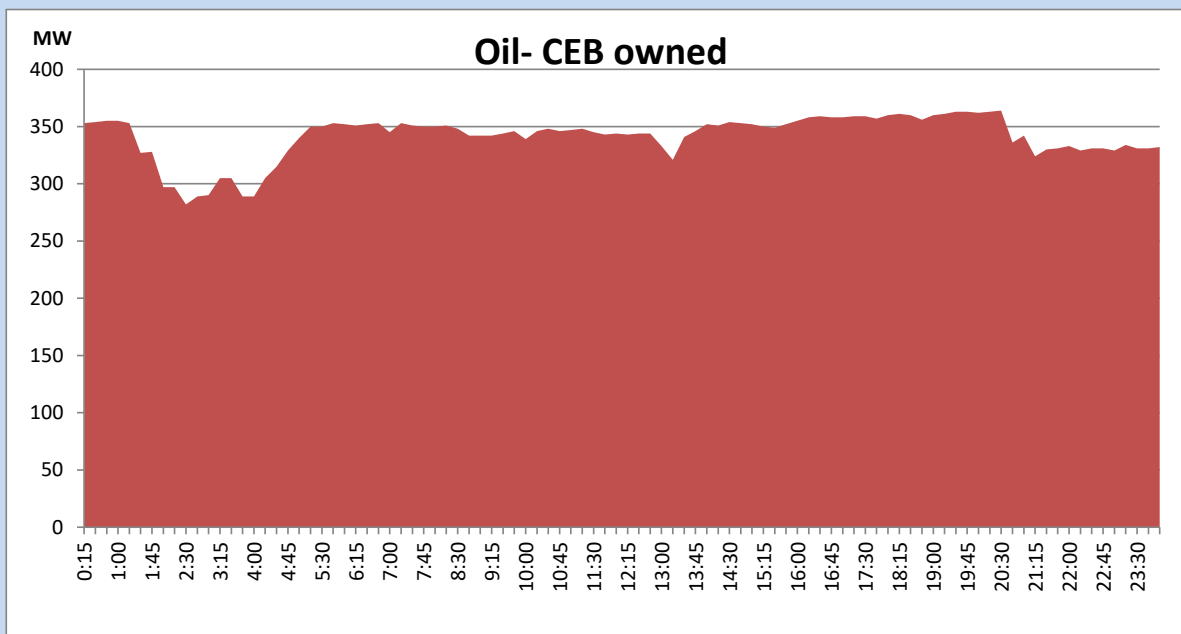
Coal Generation during the Previous day

April 25, 2022



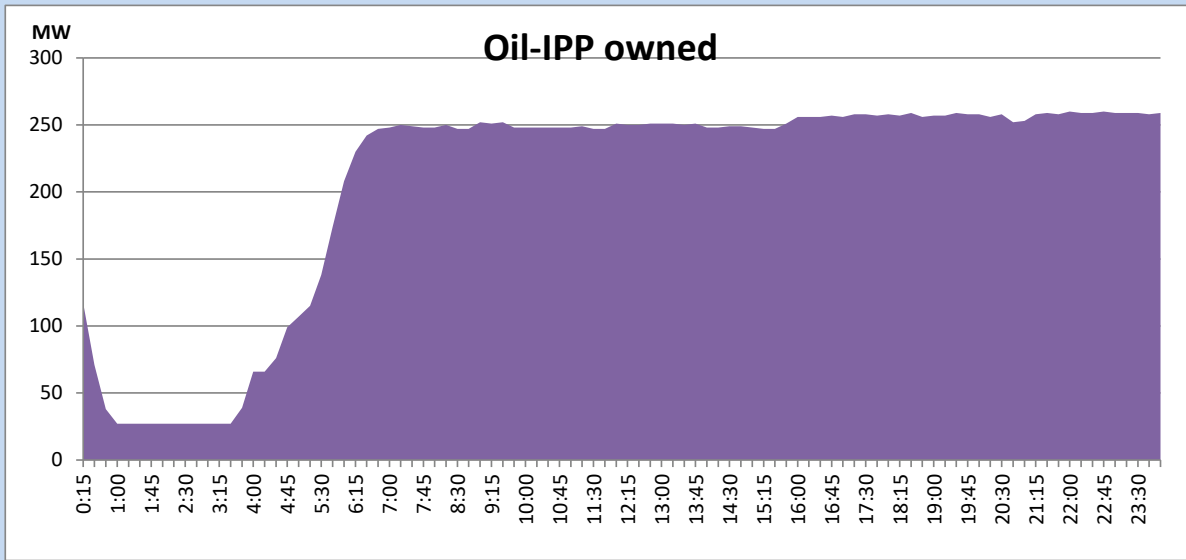
CEB Oil Plant Generation during the Previous day

April 25, 2022



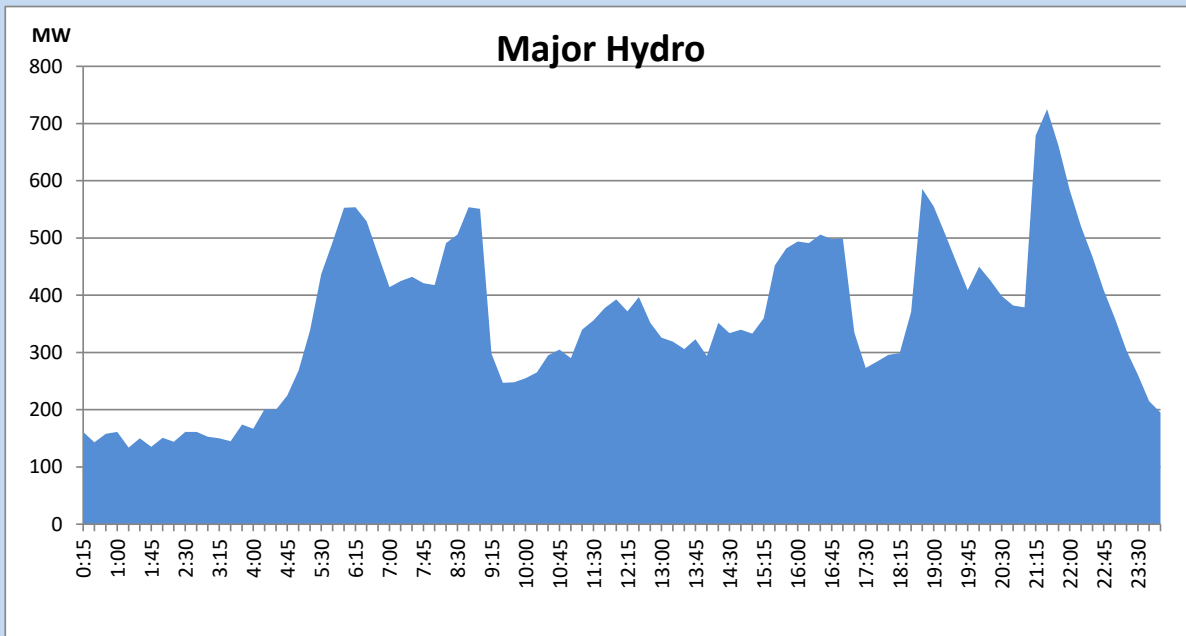
IPP Oil Plant Generation during the Previous day

April 25, 2022



Major Hydro Generation during the Previous day

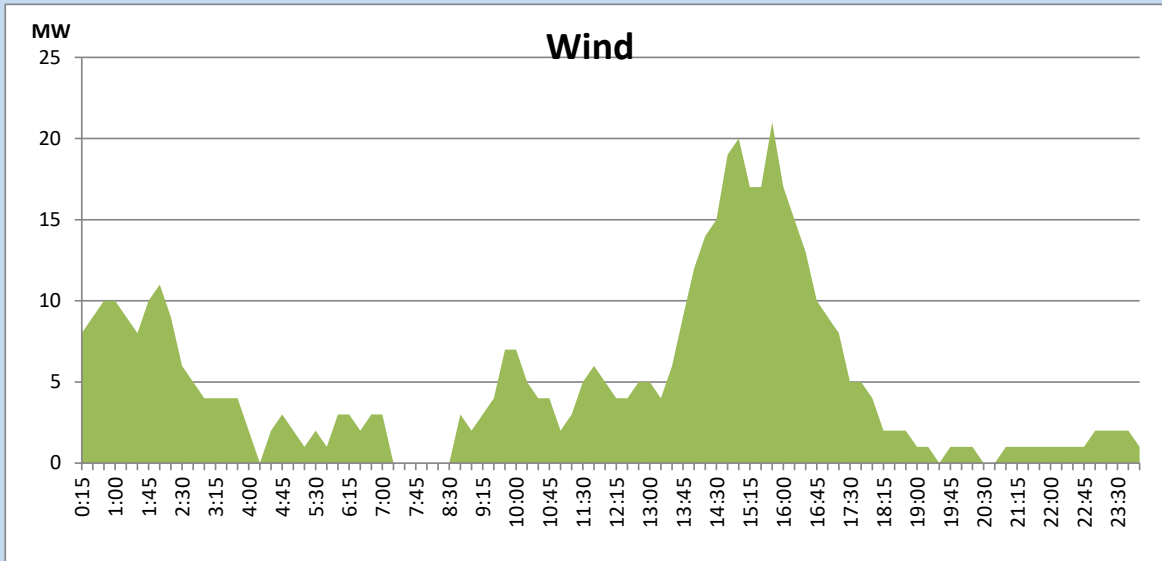
April 25, 2022



Wind Generation during the Previous day

April 25, 2022

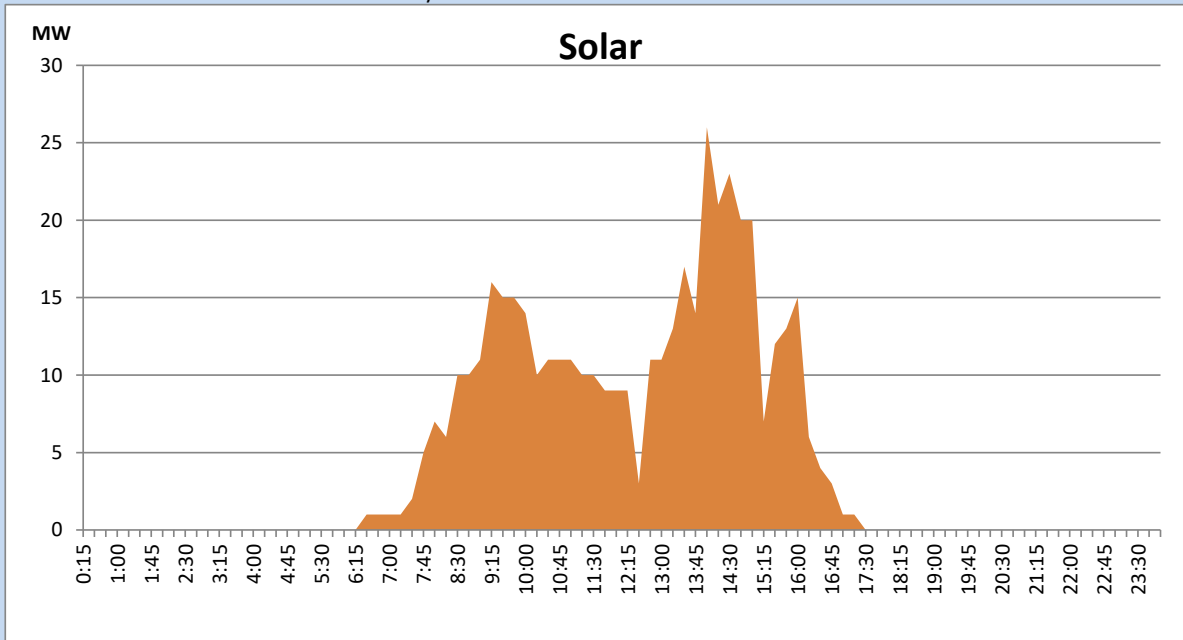
Based on Telemetered Power Stations only



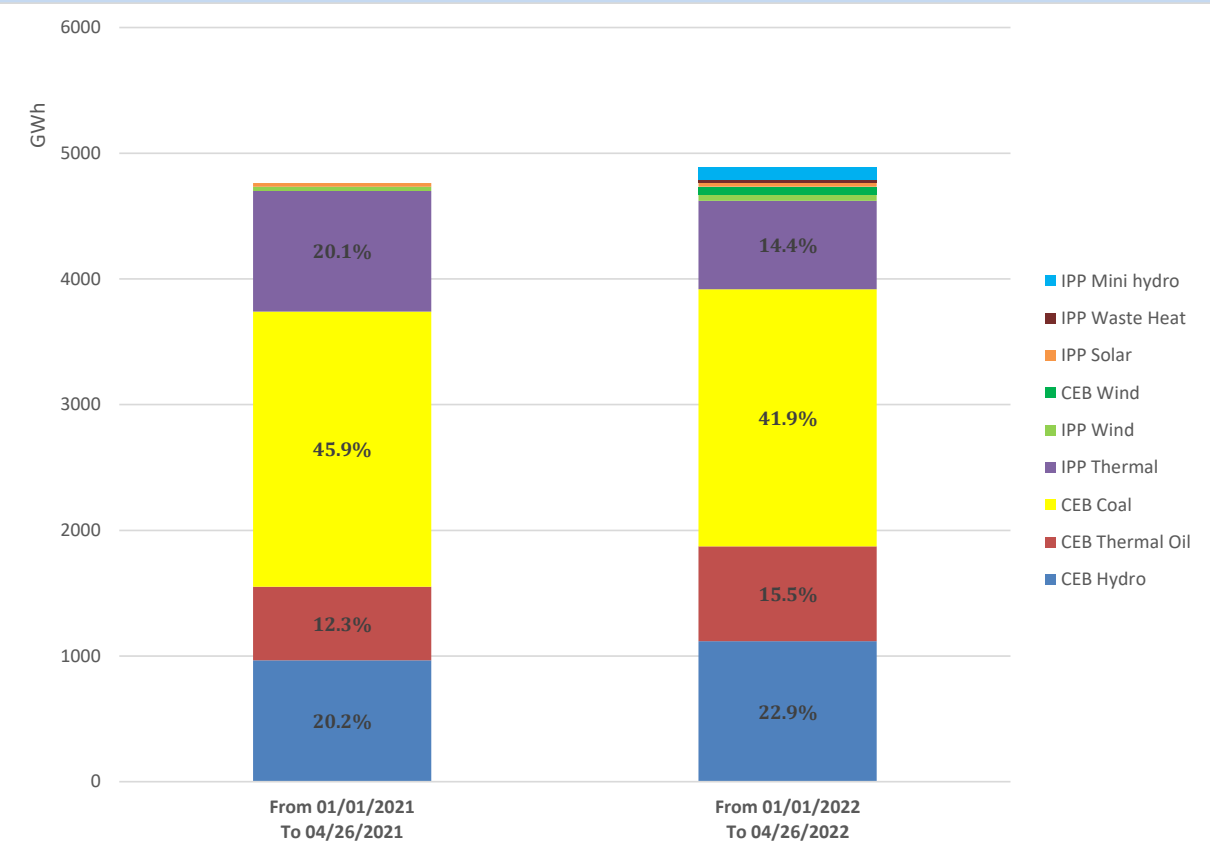
Solar Generation during the Previous day

April 25, 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
Asia Power	Heavy Fuel

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

April 27, 2022

- 1) Rotational manual load shedding was carried out from 9:00 hrs to 21:00 hrs.
- 2) KCCP was shutdown at 12:13hrs for the inspection of GT vibration. KCCP resumed generation at 16:51hrs.