

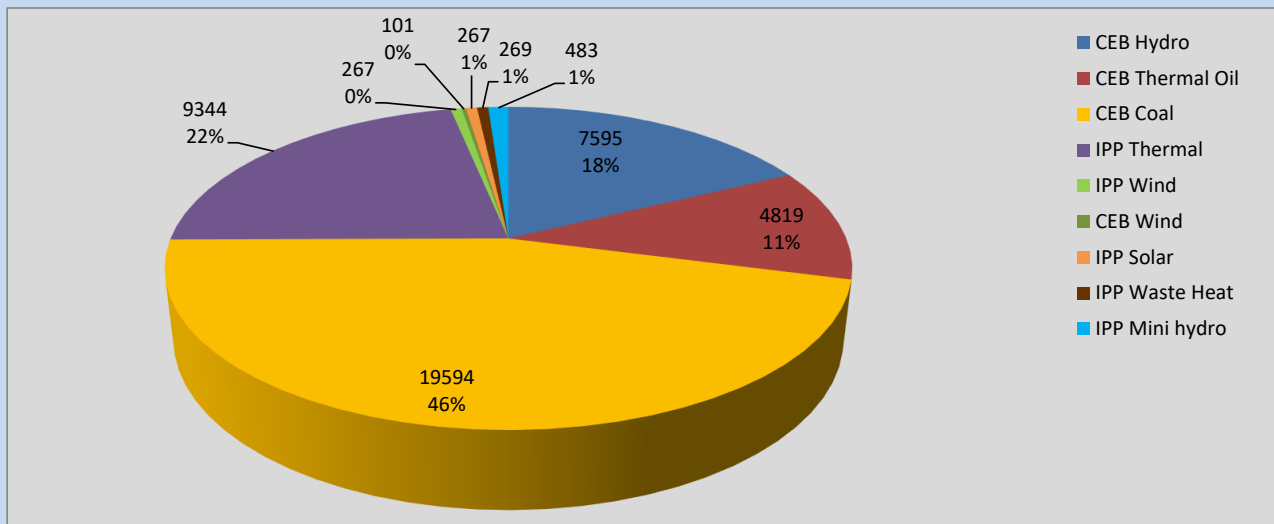
Generation and Reservoirs Statistics

March 17, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **42,677 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

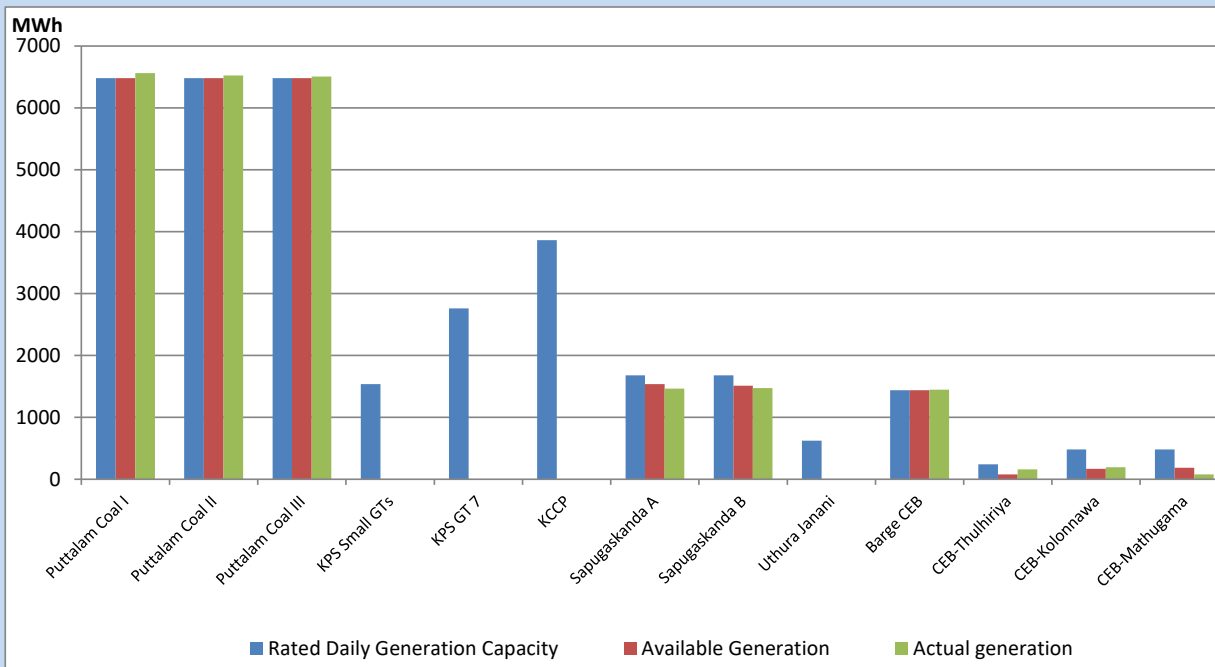
Category	Dispatch (GWh)	Percentage
CEB Hydro	140.85	18.87%
CEB Thermal Oil	114.77	15.38%
CEB Coal	333.13	44.64%
IPP Thermal	121.52	16.28%
SPP Wind	7.77	1.04%
CEB Wind	10.85	1.45%
SPP Solar	4.21	0.56%
SPP Solid Waste	3.89	0.52%
Mini Hydro	9.26	1.24%
Total	746.25	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	818.7	24.74%
CEB Thermal Oil	527.0	15.92%
CEB Coal	1,276.7	38.58%
IPP Thermal	512.9	15.50%
SPP Wind	35.9	1.08%
CEB Wind	45.1	1.36%
SPP Solar	19.5	0.59%
SPP Solid Waste	15.0	0.45%
Mini Hydro	59.0	1.78%
Total	3,309.5	

CEB owned Thermal Plant Dispatch

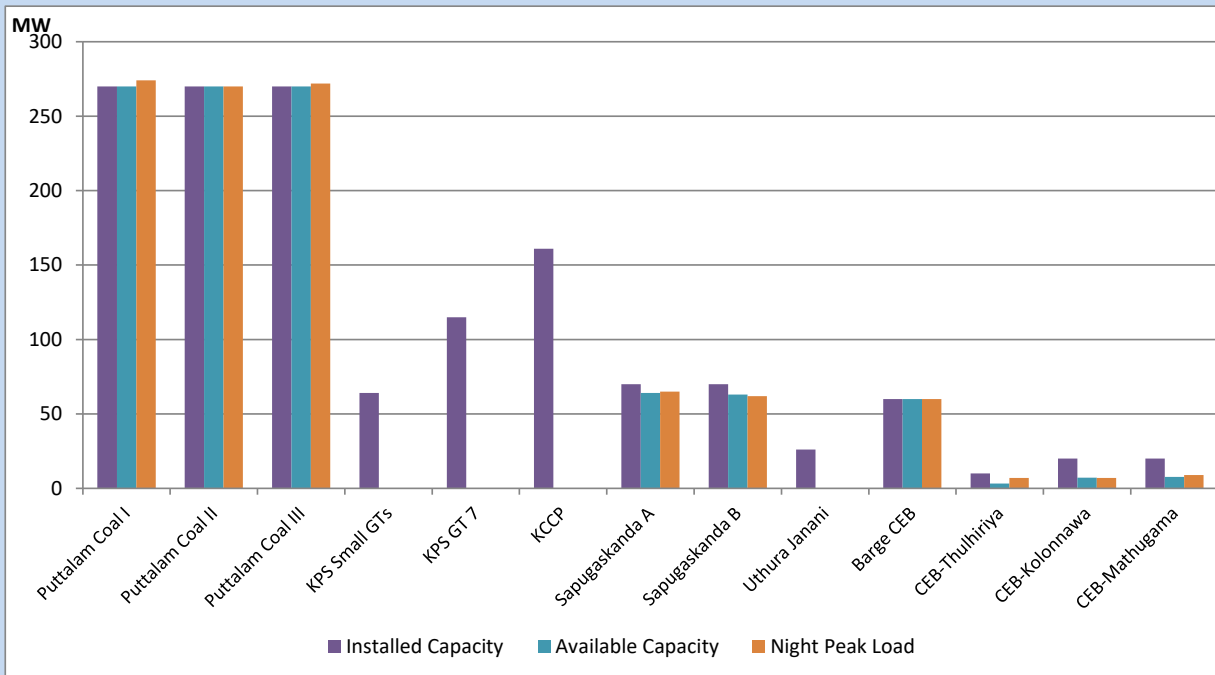
March 17, 2022



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

March 18, 2022

CEB owned Thermal Plant Loading at the Night Peak



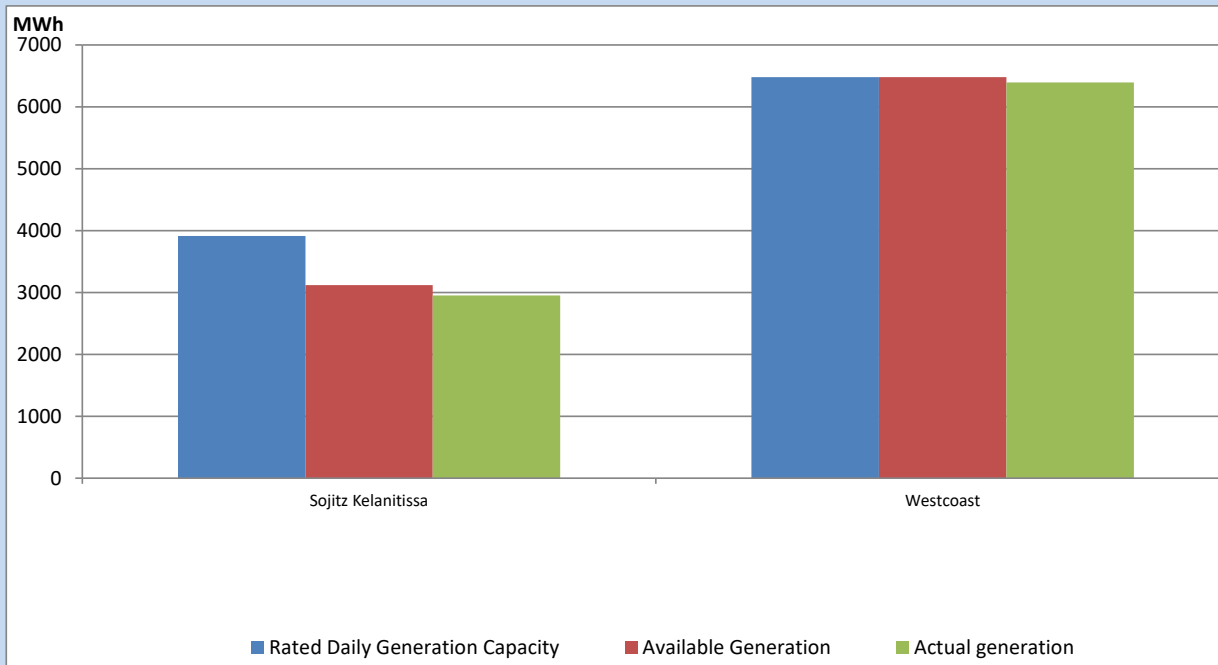
Note- Plant availability is recorded at 6.00 am on

March 18, 2022

IPP owned Thermal Plant Dispatch

March 17, 2022

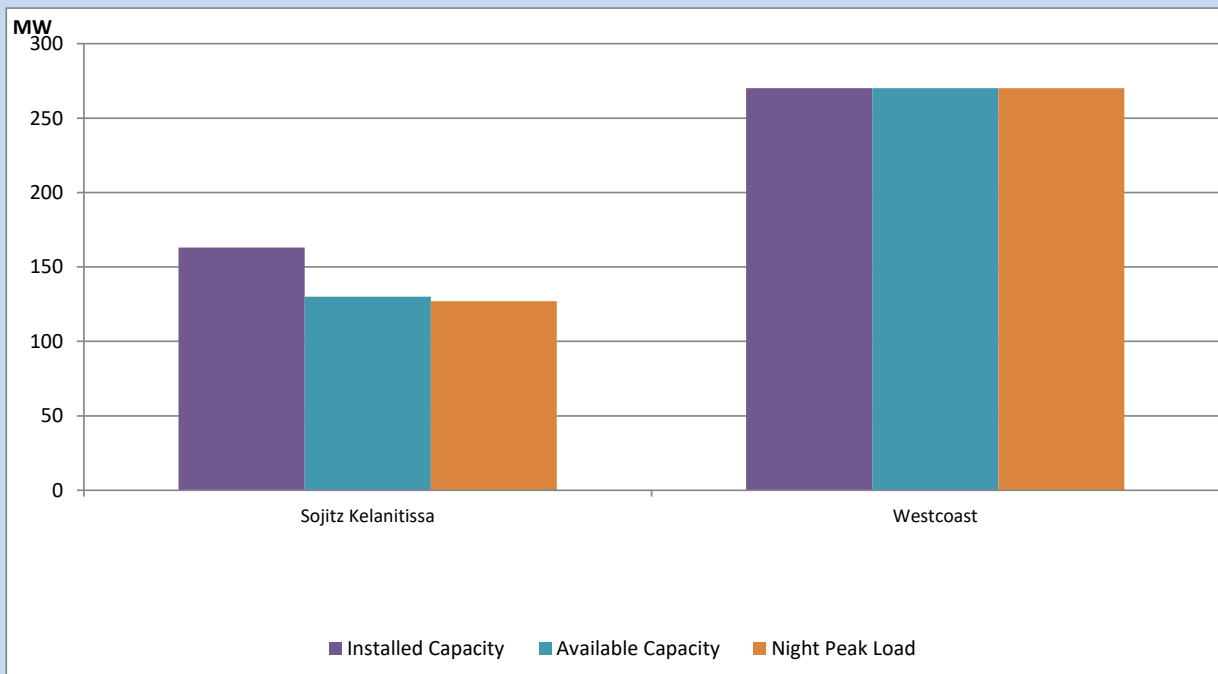
ACE Embilipitiya, ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

March 18, 2022

IPP owned Thermal Plant Loading at the Night Peak

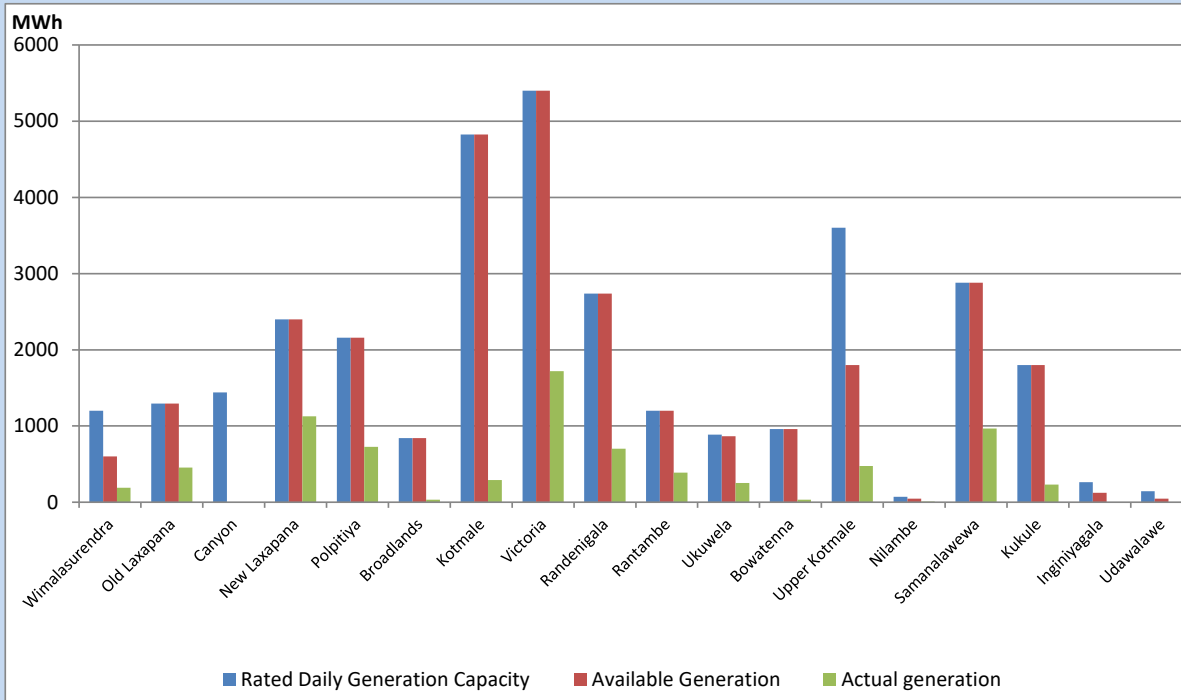


Note- Plant availability is recorded at 6.00 am on

March 18, 2022

Major Hydro Plant Dispatch

March 17, 2022

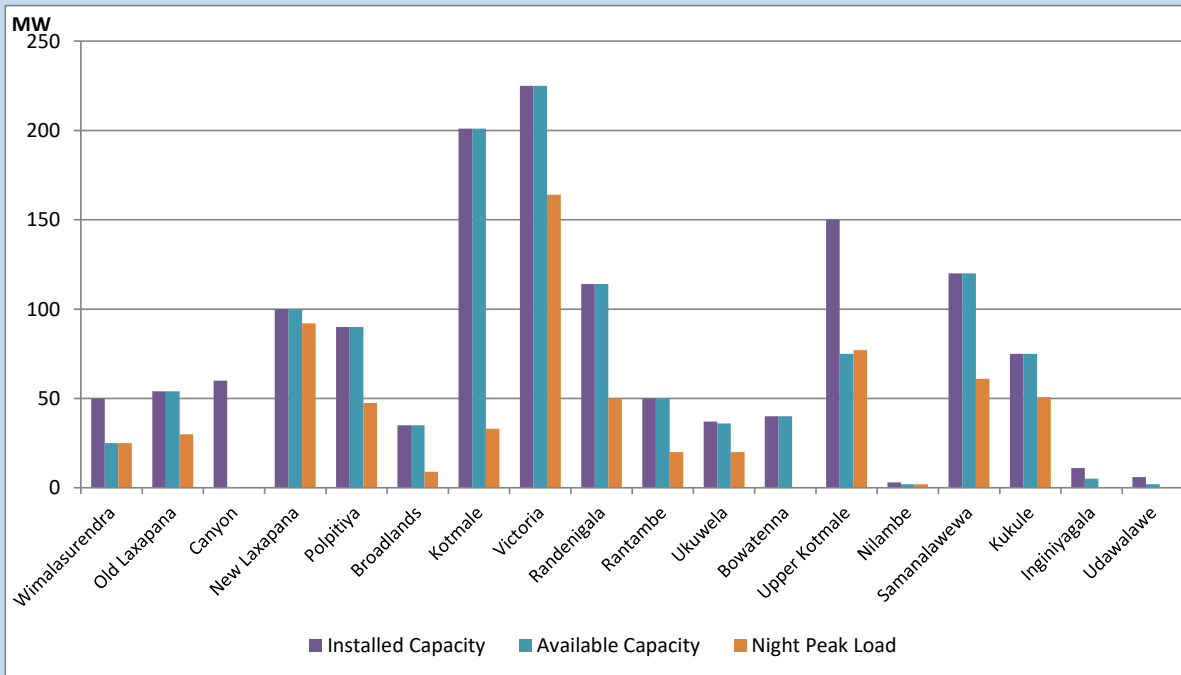


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

March 18, 2022

Major Hydro Plant Loading at Night Peak

March 17, 2022



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

March 18, 2022

Summary of Major Plant performance

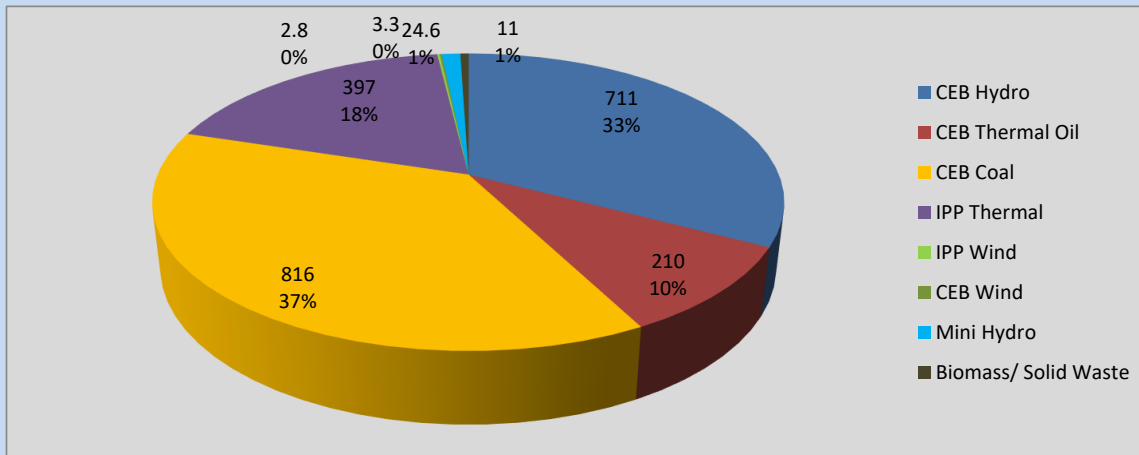
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	189
Old Laxapana	54	54	30	453
Canyon	60	0	0	0
New Laxapana	100	100	92	1,127
Polpitiya	90	90	48	725
Broadlands	35	35	9	34
Kotmale	201	201	33	290
Victoria	225	225	164	1,718
Randenigala	114	114	50	702
Rantambe	50	50	20	388
Ukuwela	37	36	20	251
Bowatenna	40	40	0	34
Upper Kotmale	150	75	77	477
Nilambe	3	2	2	7
Samanalawewa	120	120	61	968
Kukule	75	75	51	232
Inginiyagala	11	5	0	0
Udawalawe	6	2	0	0
Puttalam Coal I	270	270	274	6,563
Puttalam Coal II	270	270	270	6,526
Puttalam Coal III	270	270	272	6,505
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	64	65	1,465
Sapugaskanda B	70	63	62	1,474
Uthura Janani	26	0	0	0
Barge CEB	60	60	60	1,446
CEB-Thulhiriya	10	3	7	162
CEB-Kolonnawa	20	7	7	195
CEB-Mathugama	20	8	9	77
Sojitz Kelanitissa	163	130	127	2,951
West Coast	270	270	270	6,393
Total	3,280	2,664	2,146	42,677

Plant availability is the availability recorded at 6 am on

March 18, 2022

Contribution to the Night Peak in MW

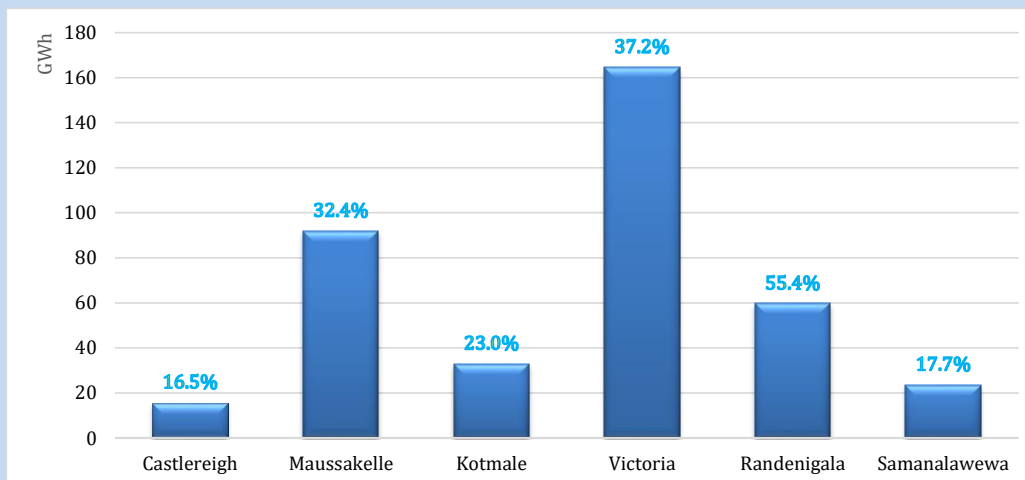
March 17, 2022



Night Peak*	2,175.7 MW
Day Peak	1,798.4 MW
Minimum Demand	1,548.6 MW

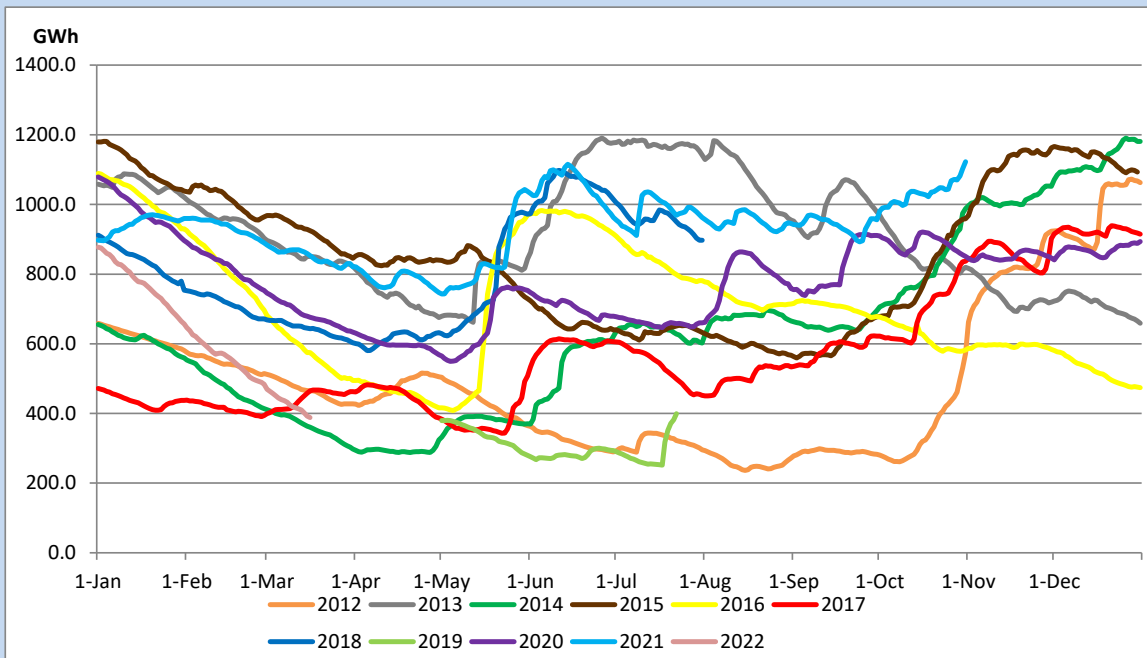
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on March 18, 2022



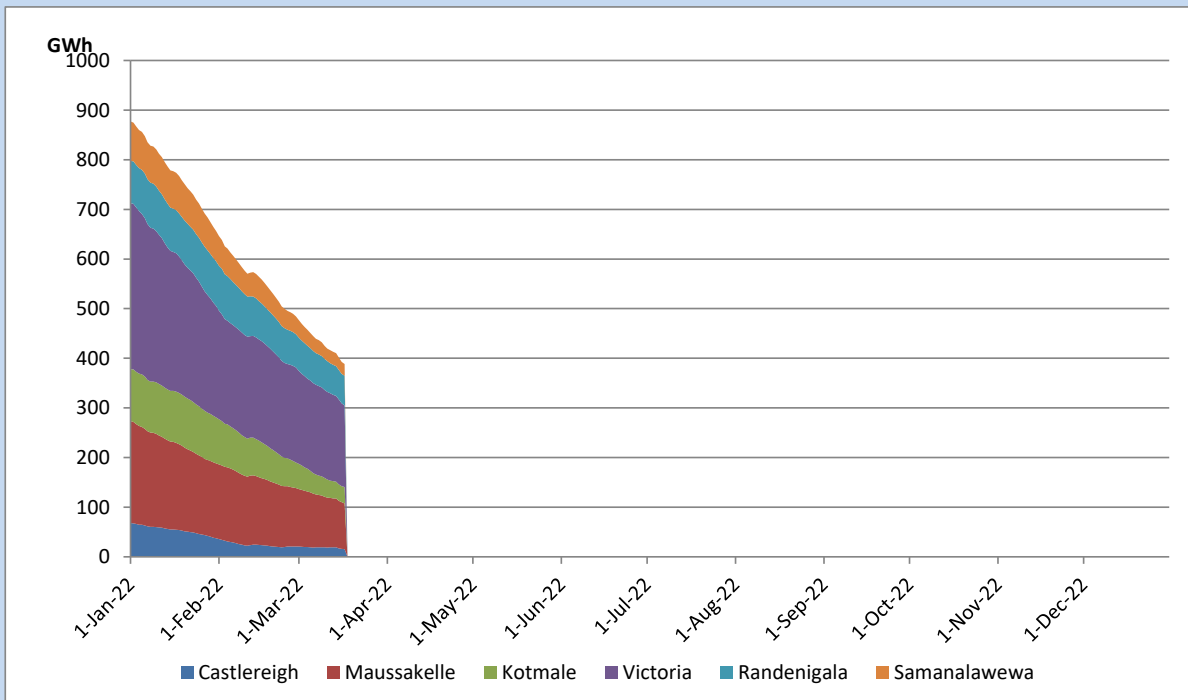
Total Reservoir Level	388.3 GWh
% of Total capacity	30.4%

Comparison of Total Reservoir Storage Levels with Past Years

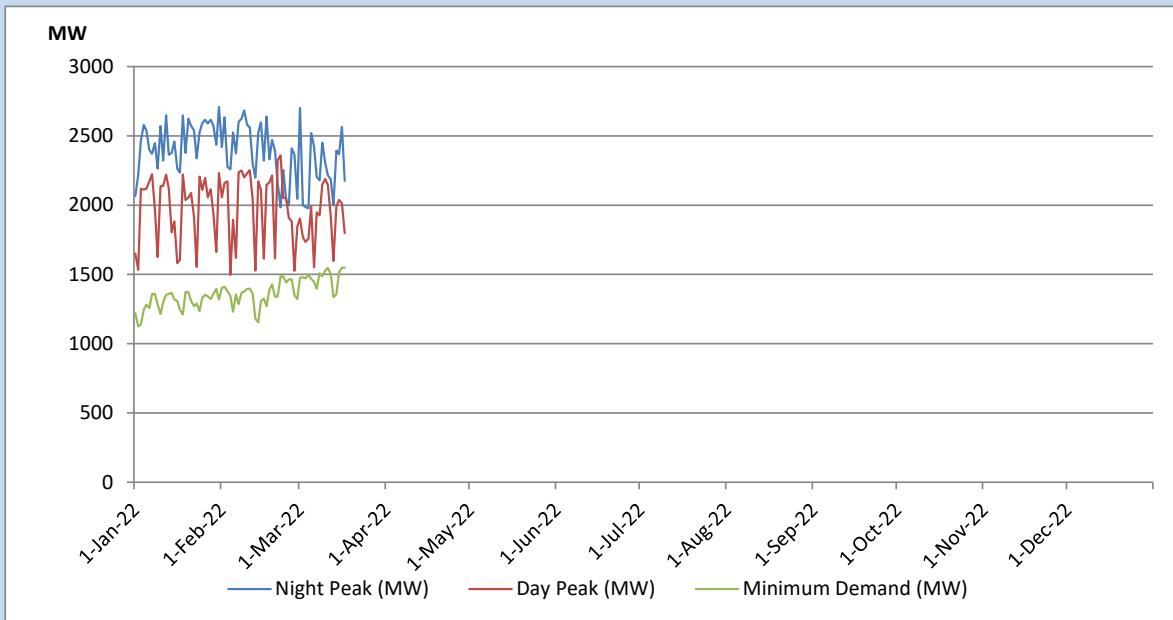


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

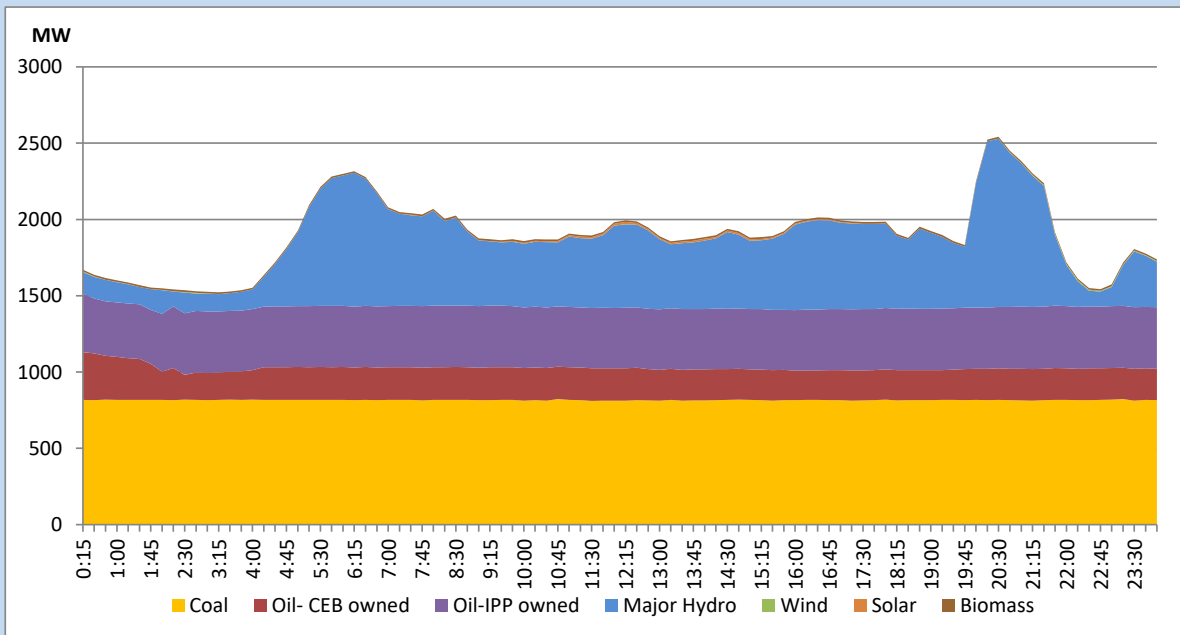


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

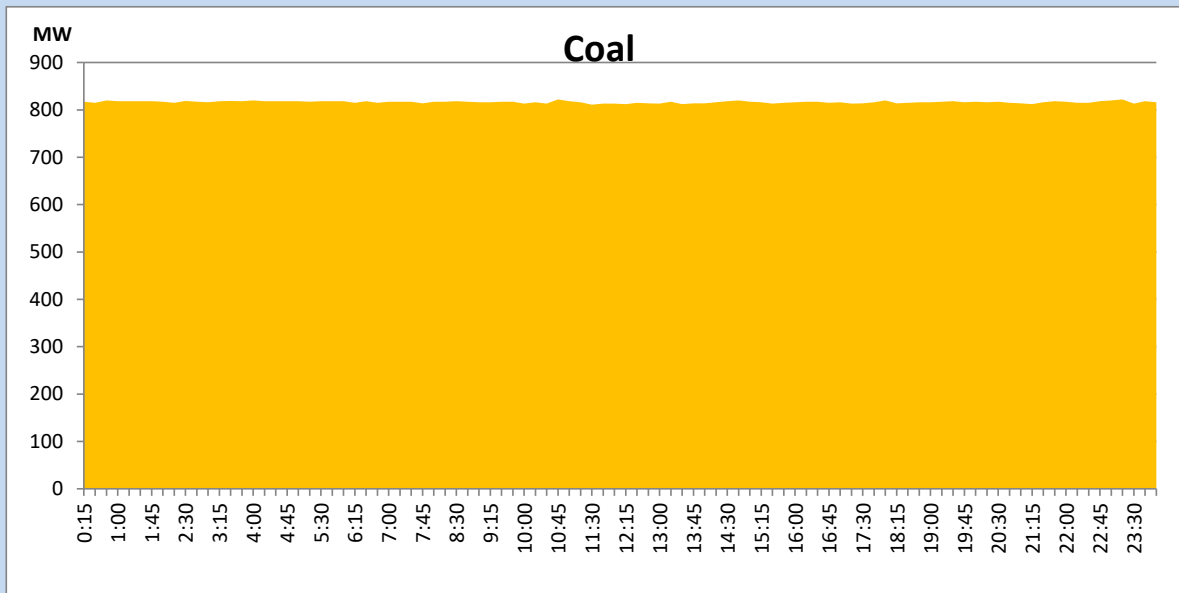
March 16, 2022

Solar and wind data is based on Telemetered Power Stations only



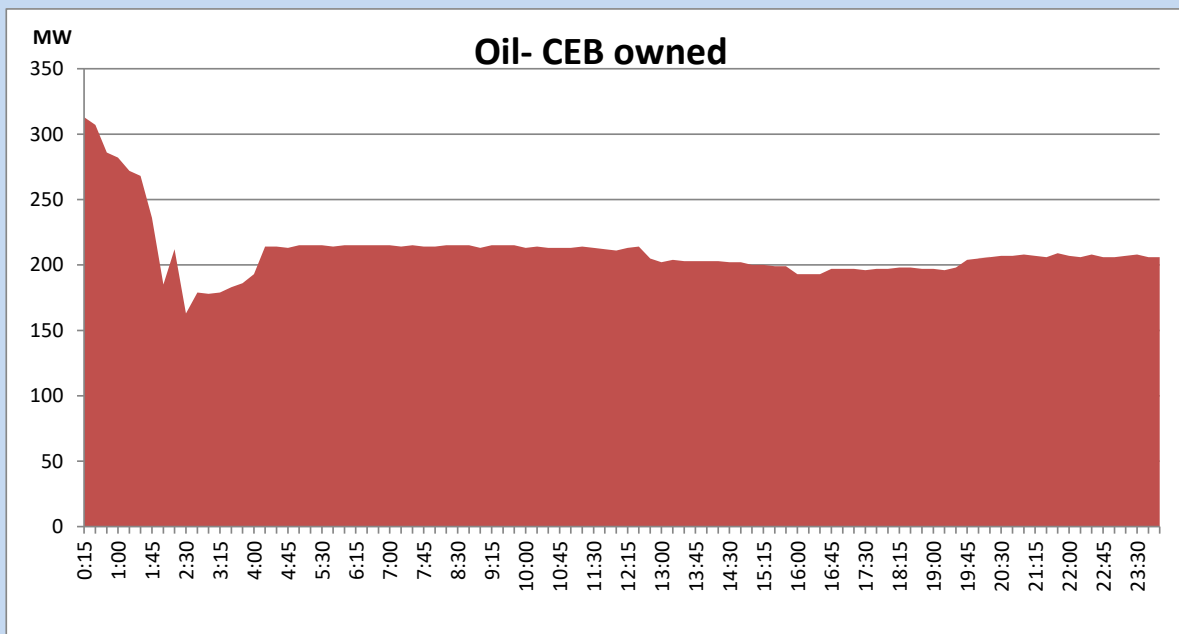
Coal Generation during the Previous day

March 16, 2022



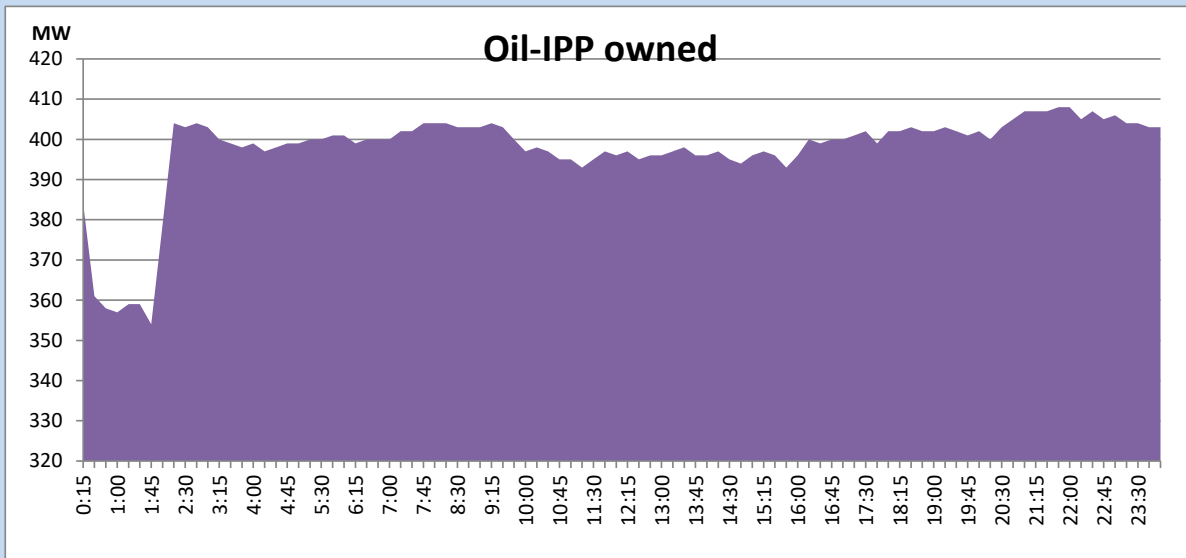
CEB Oil Plant Generation during the Previous day

March 16, 2022



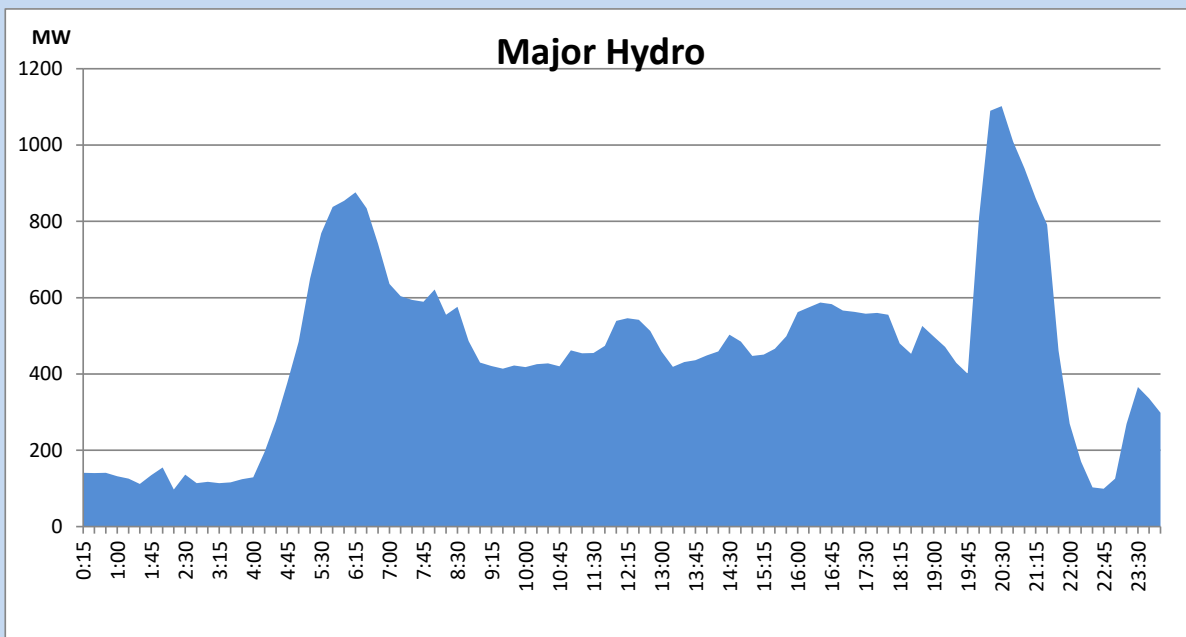
IPP Oil Plant Generation during the Previous day

March 16, 2022



Major Hydro Generation during the Previous day

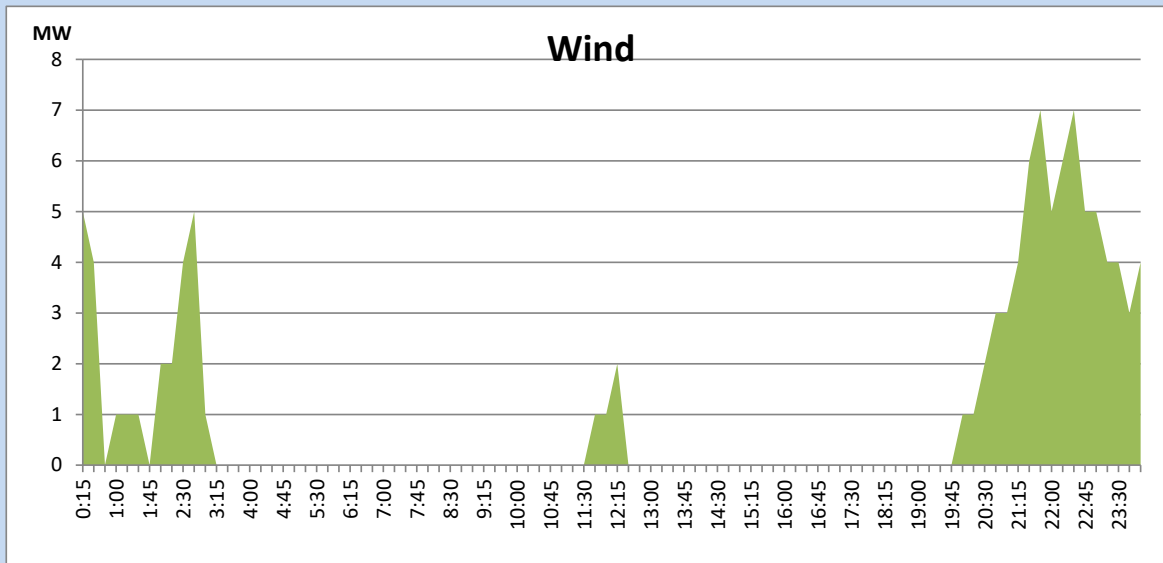
March 16, 2022



Wind Generation during the Previous day

March 16, 2022

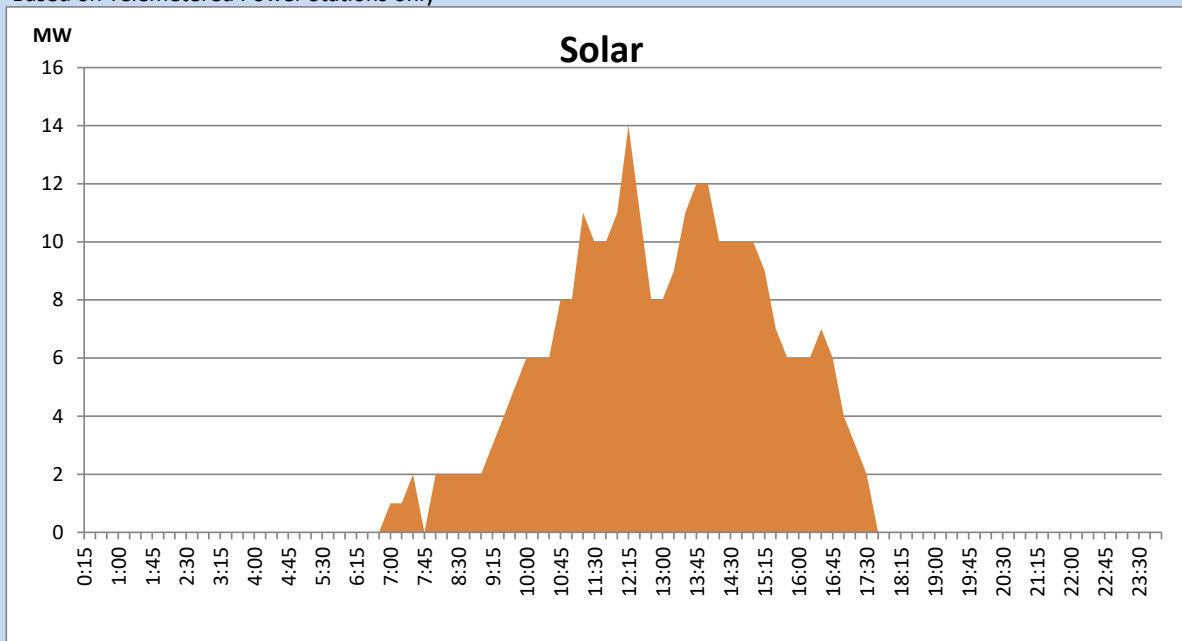
Based on Telemetered Power Stations only



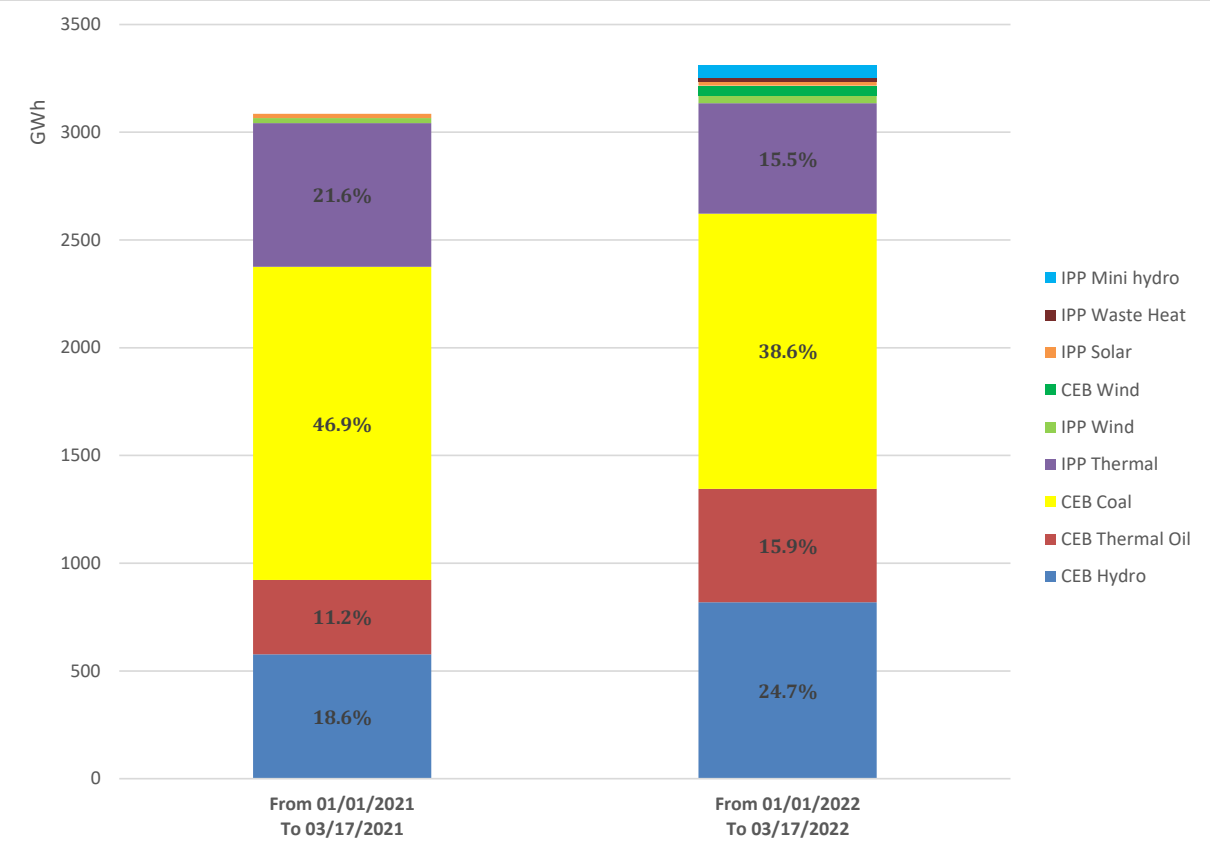
Solar Generation during the Previous day

March 16, 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 & 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

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

March 18, 2022

- 1) Rotational manual load shedding was carried out from 08:00hrs to 23:00hrs.
- 2) Sapu GSS 33kV B/C tripped at 16:35 hrs and restored at 16:44 hrs.