

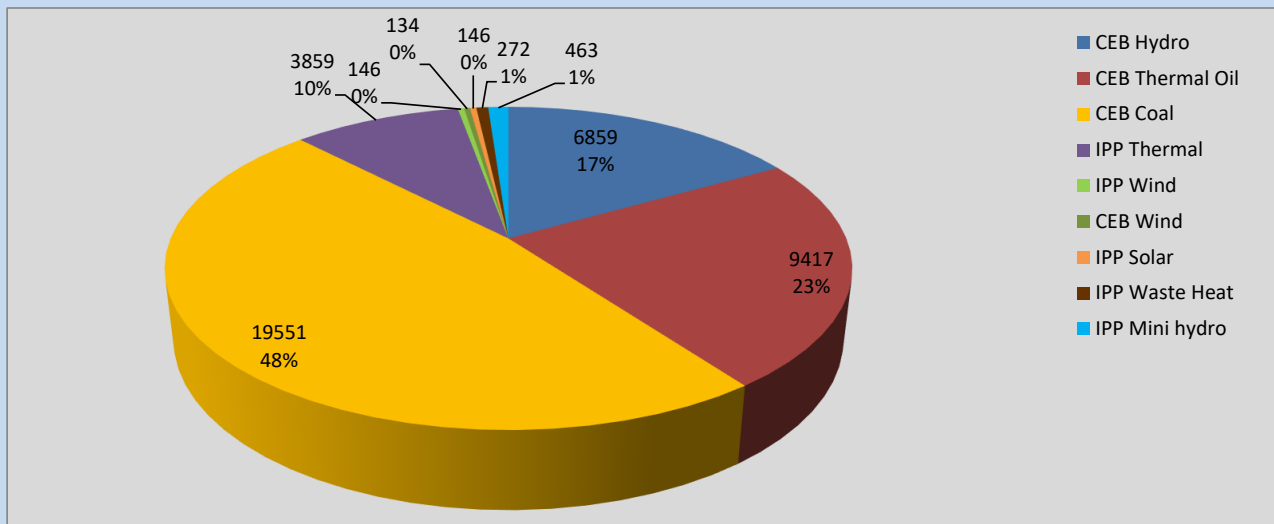
Generation and Reservoirs Statistics

March 27, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **41,003 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

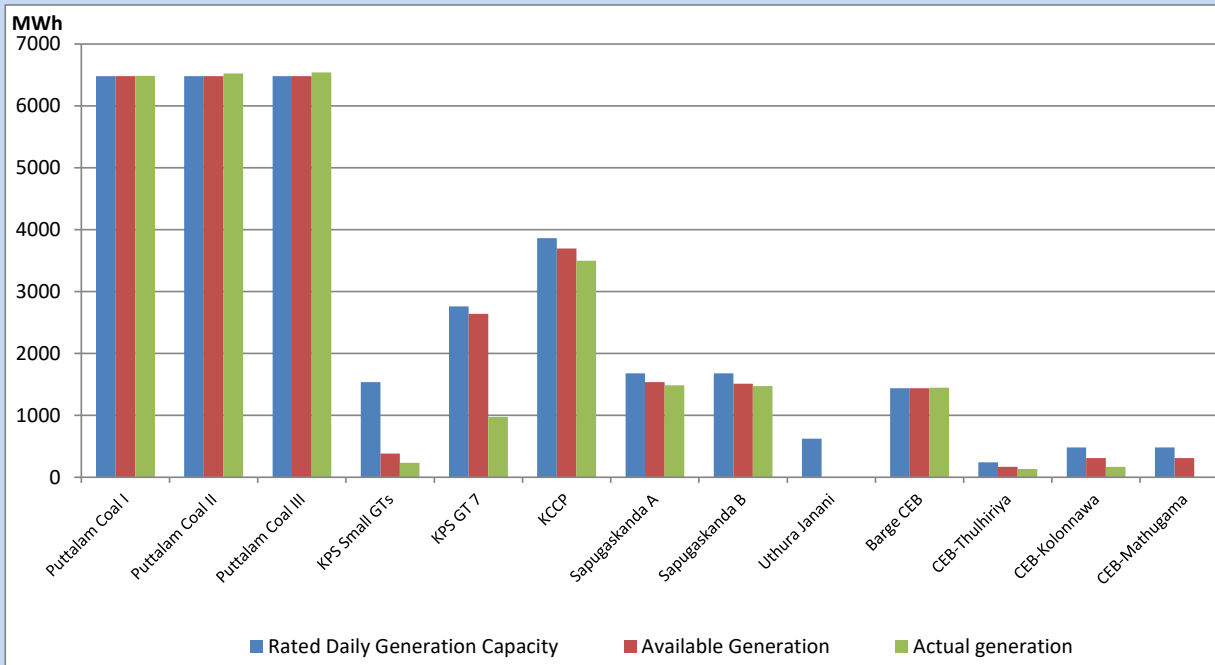
Category	Dispatch (GWh)	Percentage
CEB Hydro	225.93	18.96%
CEB Thermal Oil	198.94	16.69%
CEB Coal	528.45	44.35%
IPP Thermal	180.26	15.13%
SPP Wind	13.00	1.09%
CEB Wind	17.73	1.49%
SPP Solar	7.10	0.60%
SPP Solid Waste	5.89	0.49%
Mini Hydro	14.34	1.20%
Total	1,191.64	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	903.8	24.07%
CEB Thermal Oil	611.2	16.28%
CEB Coal	1,472.0	39.20%
IPP Thermal	571.7	15.23%
SPP Wind	41.1	1.10%
CEB Wind	52.0	1.38%
SPP Solar	22.4	0.60%
SPP Solid Waste	17.0	0.45%
Mini Hydro	64.0	1.71%
Total	3,754.9	

CEB owned Thermal Plant Dispatch

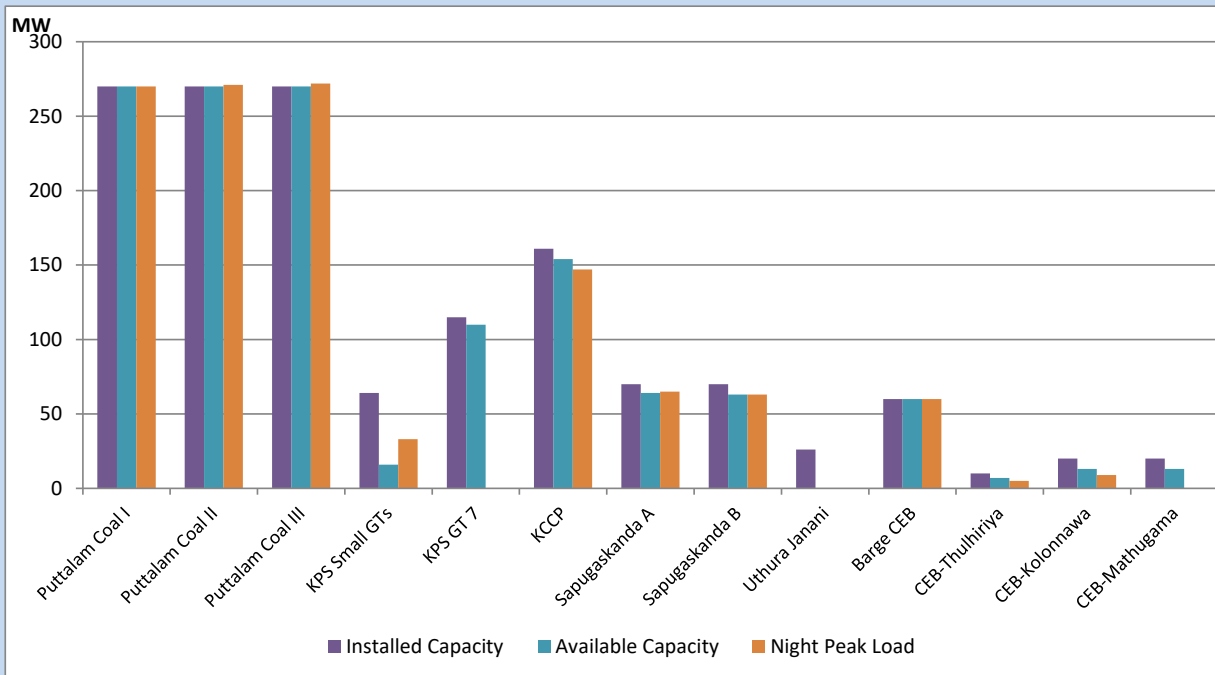
March 27, 2022



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

March 28, 2022

CEB owned Thermal Plant Loading at the Night Peak



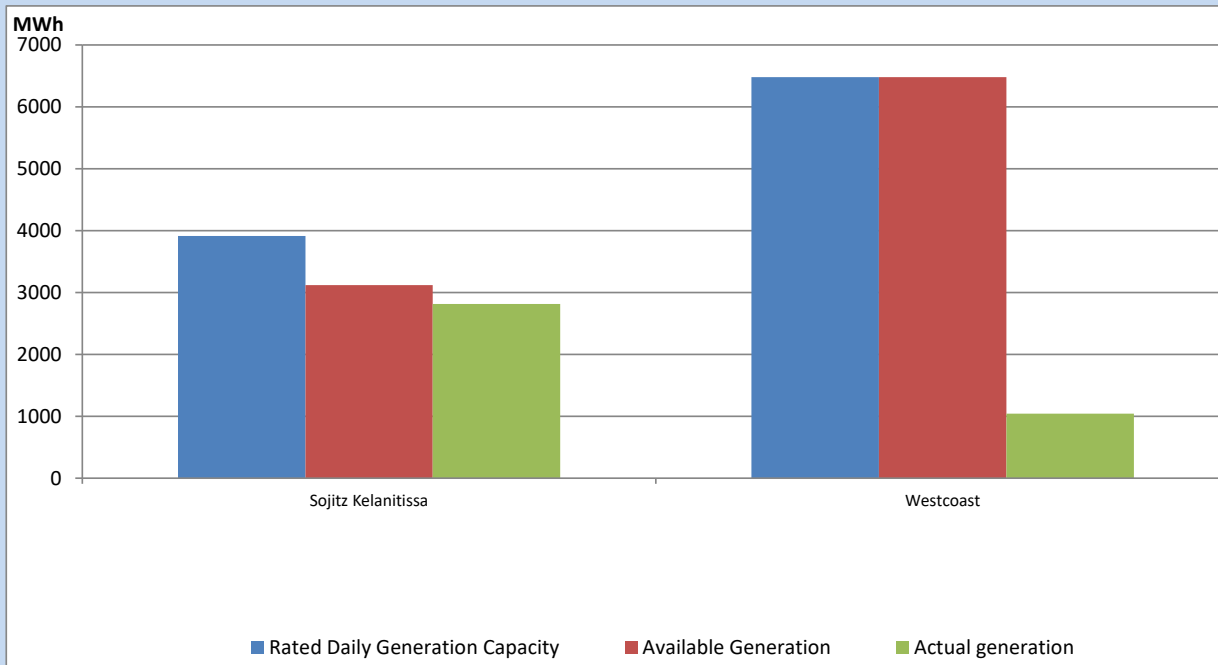
Note- Plant availability is recorded at 6.00 am on

March 28, 2022

IPP owned Thermal Plant Dispatch

March 27, 2022

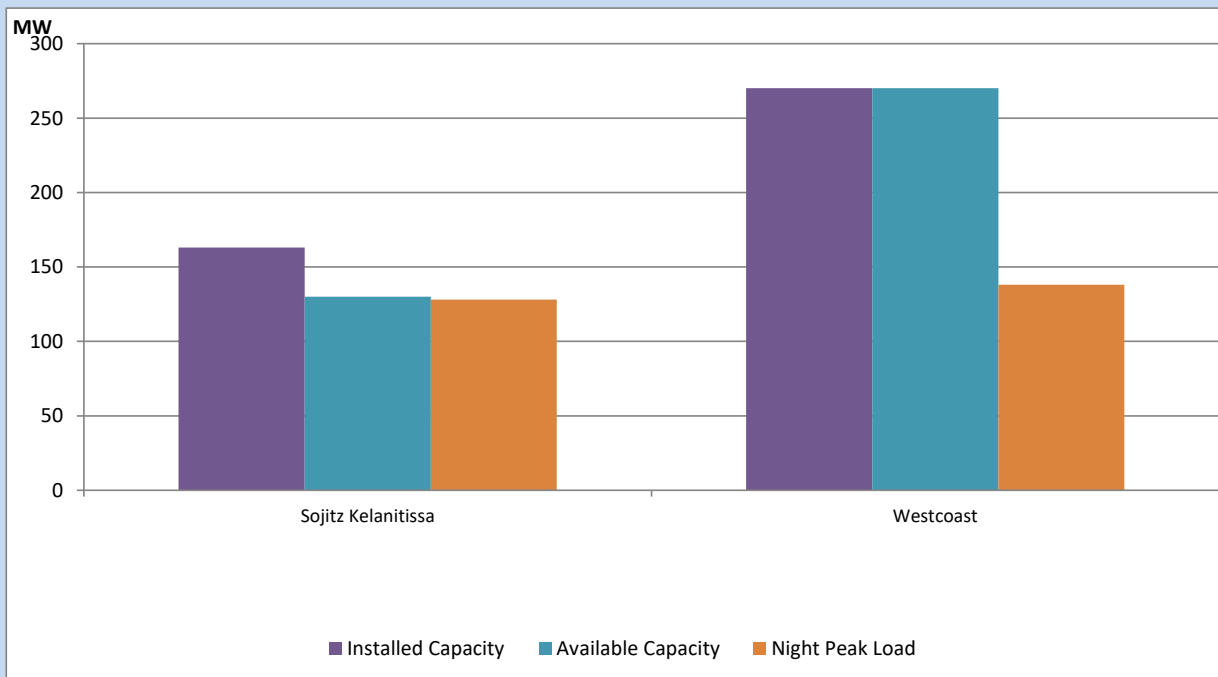
ACE Embilipitiya, ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

March 28, 2022

IPP owned Thermal Plant Loading at the Night Peak

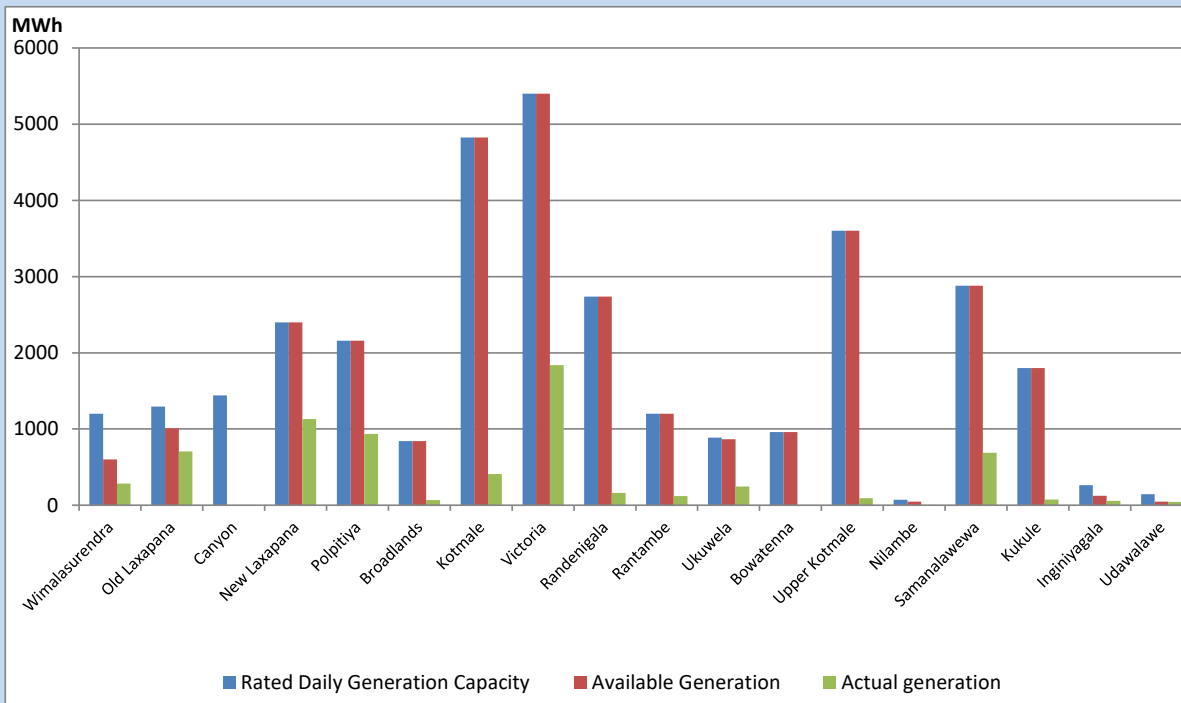


Note- Plant availability is recorded at 6.00 am on

March 28, 2022

Major Hydro Plant Dispatch

March 27, 2022

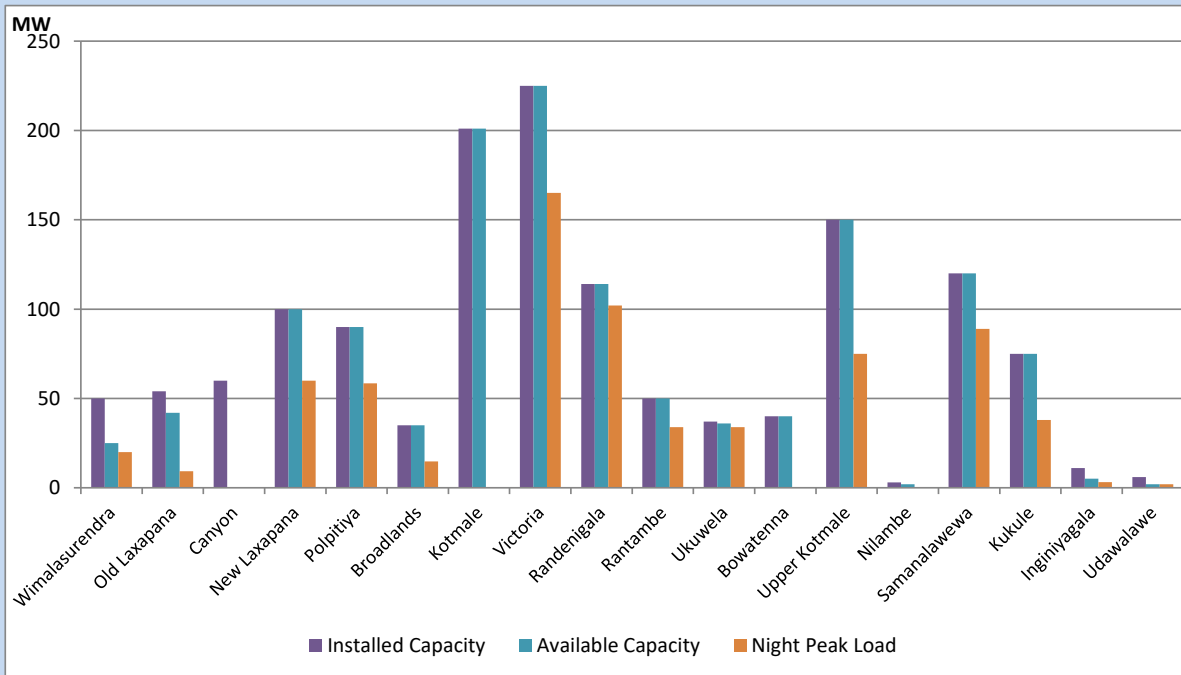


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

March 28, 2022

Major Hydro Plant Loading at Night Peak

March 27, 2022



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

March 28, 2022

Summary of Major Plant performance

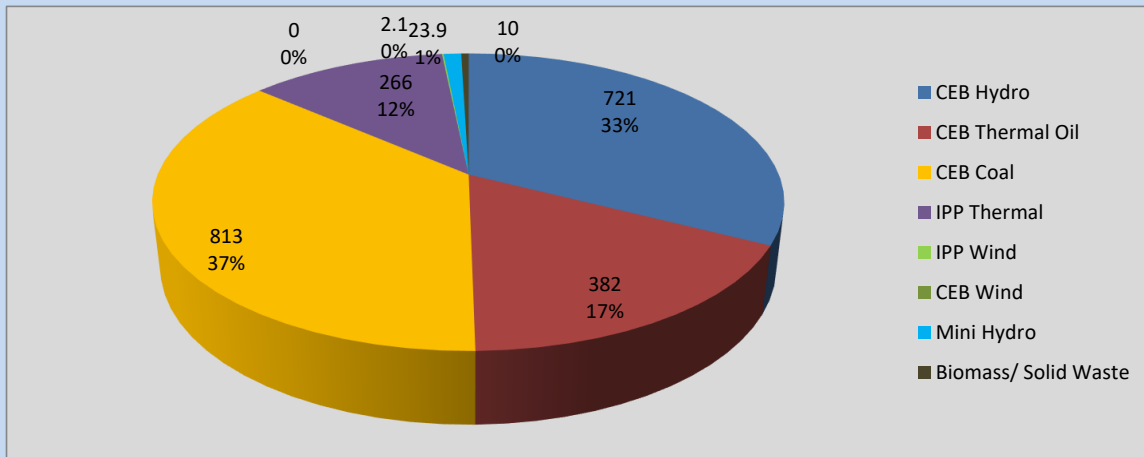
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	20	285
Old Laxapana	54	42	9	706
Canyon	60	0	0	0
New Laxapana	100	100	60	1,132
Polpitiya	90	90	58	936
Broadlands	35	35	15	66
Kotmale	201	201	0	410
Victoria	225	225	165	1,839
Randenigala	114	114	102	160
Rantambe	50	50	34	120
Ukuwela	37	36	34	246
Bowatenna	40	40	0	0
Upper Kotmale	150	150	75	93
Nilambe	3	2	0	4
Samanalawewa	120	120	89	687
Kukule	75	75	38	74
Inginiyagala	11	5	3	58
Udawalawe	6	2	2	43
Puttalam Coal I	270	270	270	6,485
Puttalam Coal II	270	270	271	6,523
Puttalam Coal III	270	270	272	6,543
KPS Small GTs	64	16	33	234
KPS GT 7	115	110	0	974
KCCP	161	154	147	3,498
Sapugaskanda A	70	64	65	1,485
Sapugaskanda B	70	63	63	1,471
Uthura Janani	26	0	0	0
Barge CEB	60	60	60	1,446
CEB-Thulhiriya	10	7	5	133
CEB-Kolonnawa	20	13	9	169
CEB-Mathugama	20	13	0	7
Sojitz Kelanitissa	163	130	128	2,816
West Coast	270	270	138	1,043
Total	3,280	3,022	2,202	41,003

Plant availability is the availability recorded at 6 am on

March 28, 2022

Contribution to the Night Peak in MW

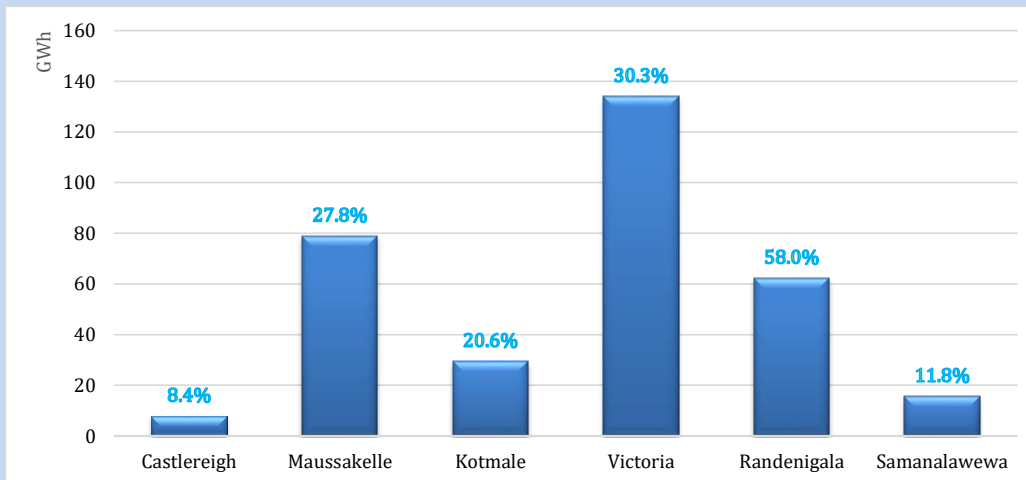
March 27, 2022



Night Peak*	2,217.5 MW
Day Peak	1,615.4 MW
Minimum Demand	1,544.3 MW

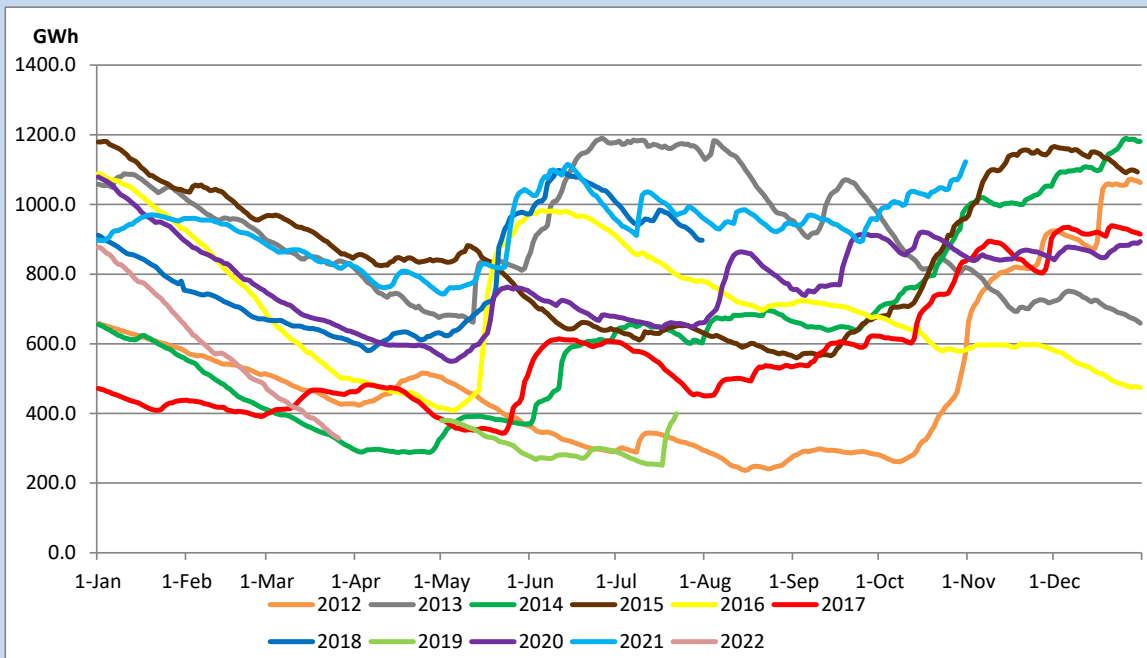
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on March 28, 2022



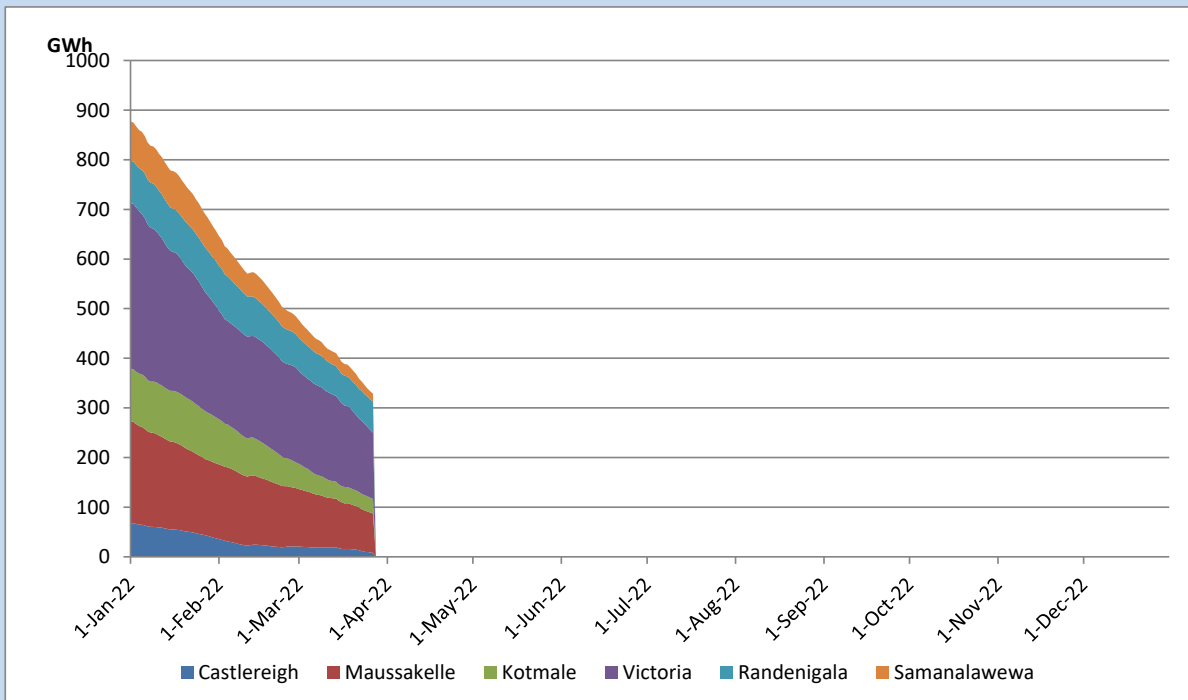
Total Reservoir Level	328.6 GWh
% of Total capacity	26.2%

Comparison of Total Reservoir Storage Levels with Past Years

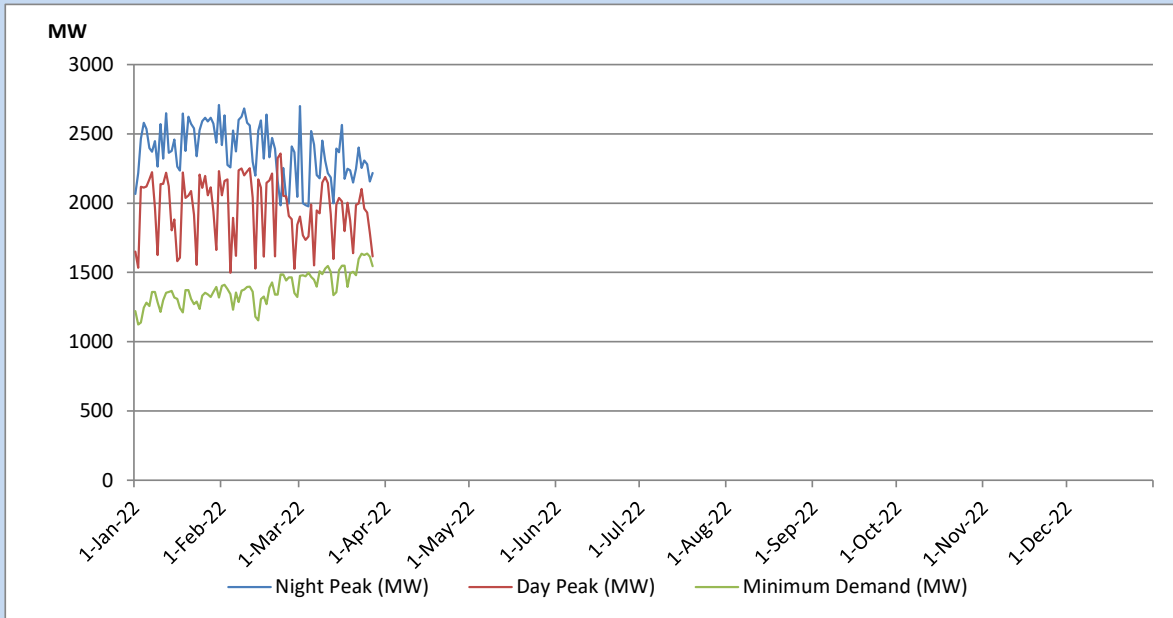


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

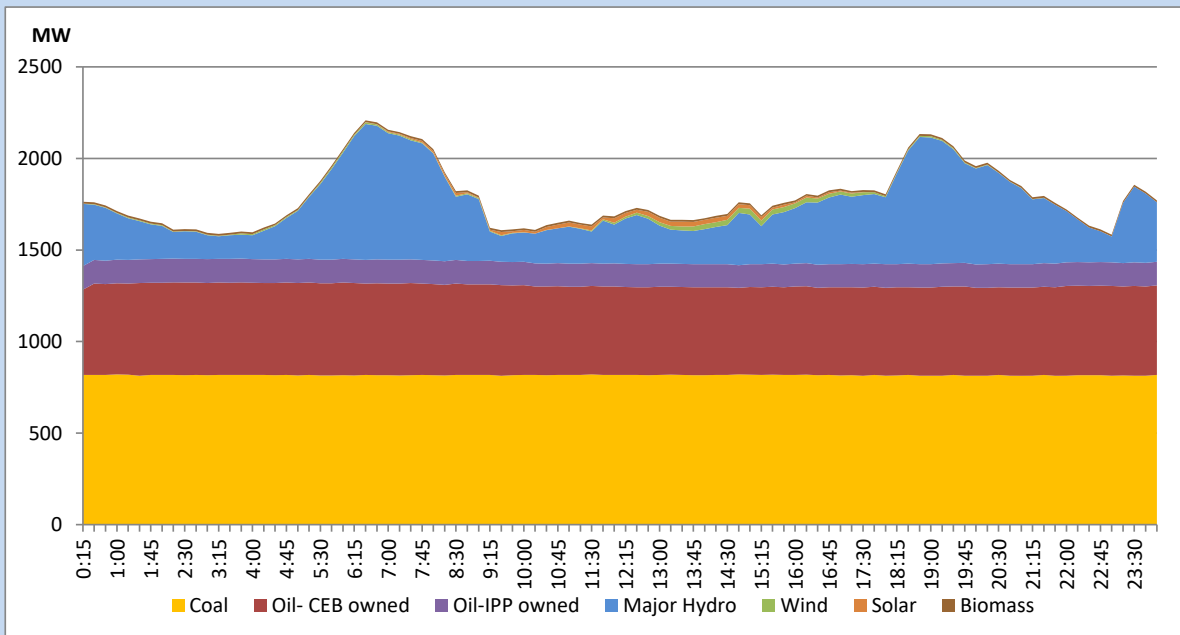


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

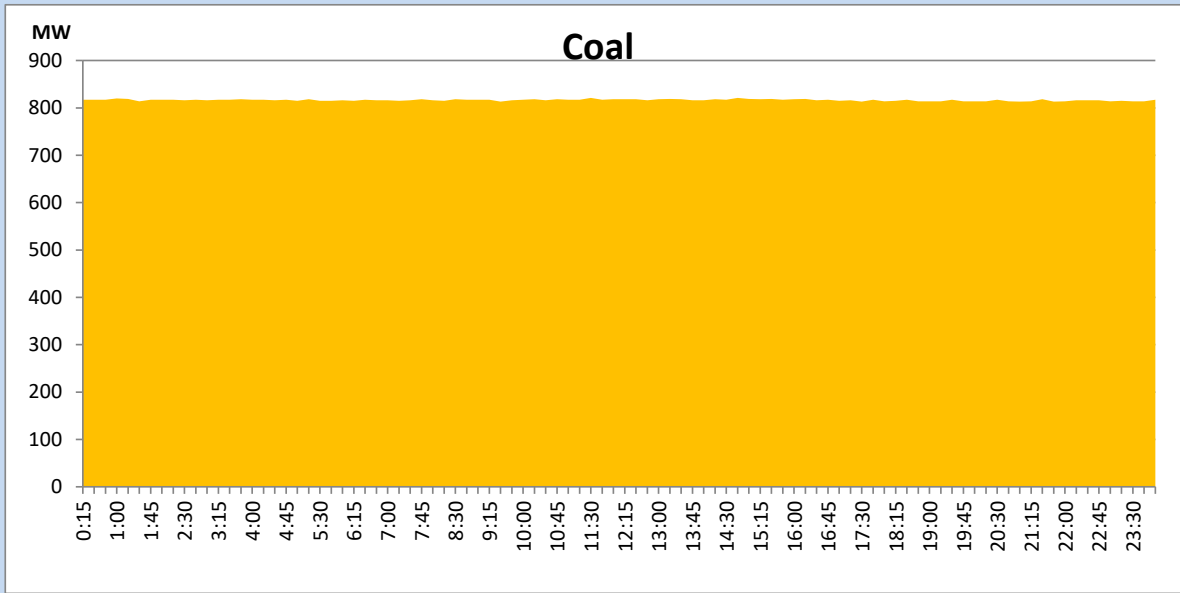
March 26, 2022

Solar and wind data is based on Telemetered Power Stations only



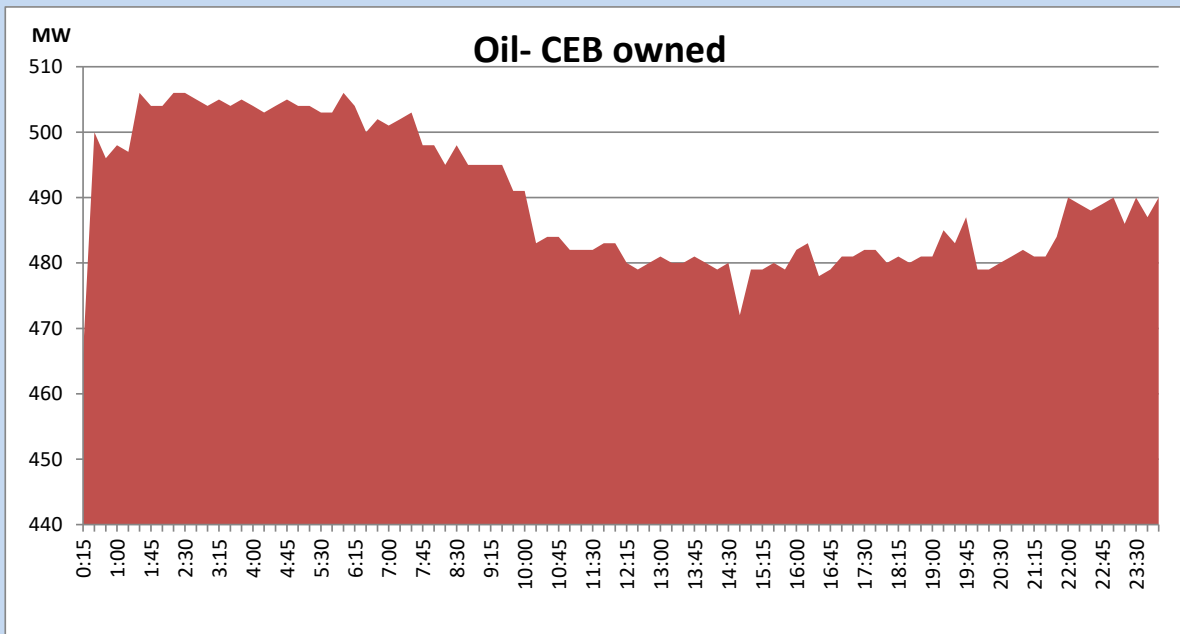
Coal Generation during the Previous day

March 26, 2022



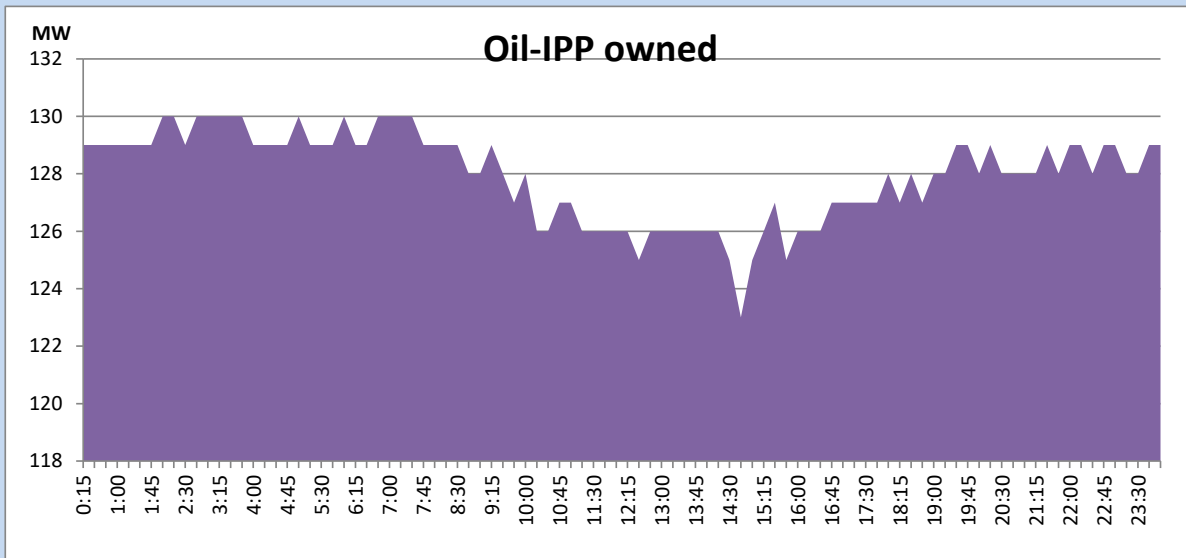
CEB Oil Plant Generation during the Previous day

March 26, 2022



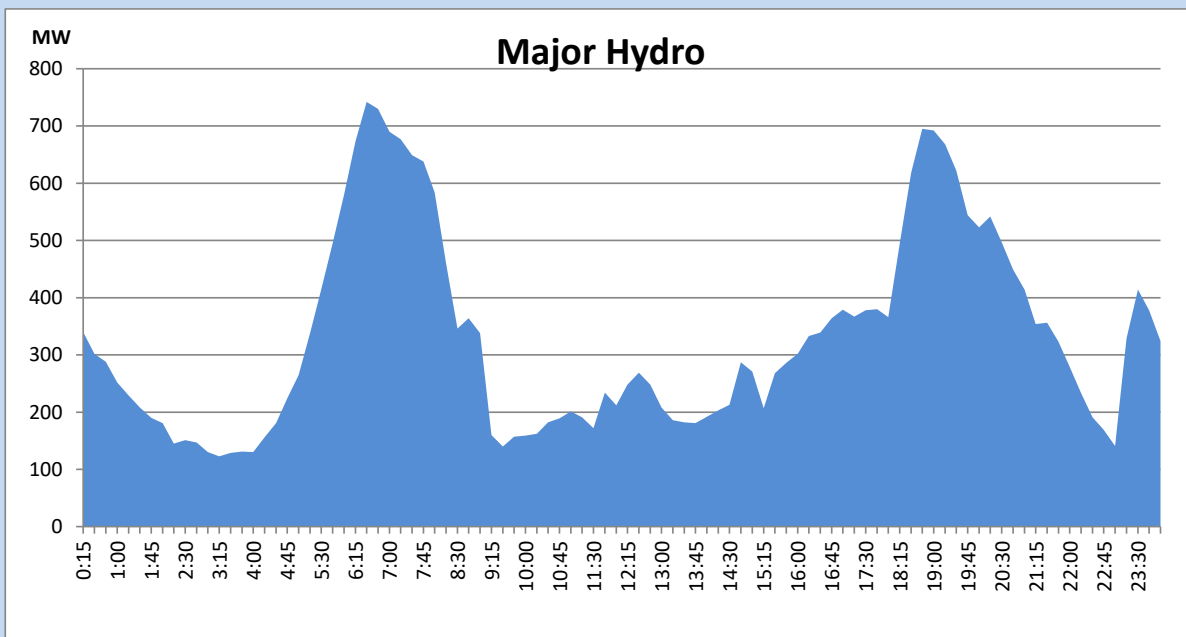
IPP Oil Plant Generation during the Previous day

March 26, 2022



Major Hydro Generation during the Previous day

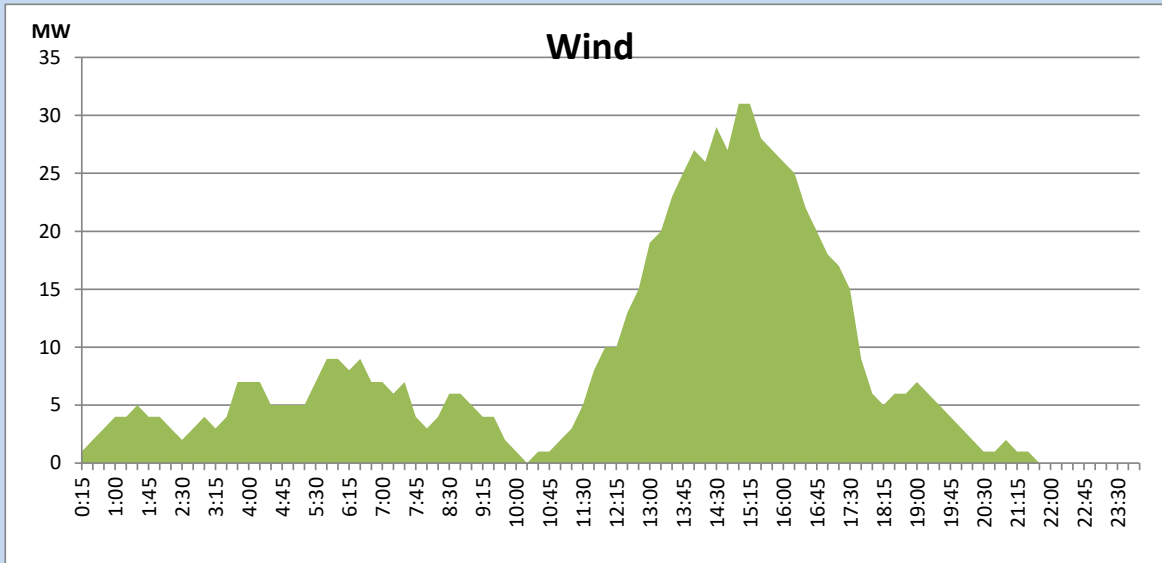
March 26, 2022



Wind Generation during the Previous day

March 26, 2022

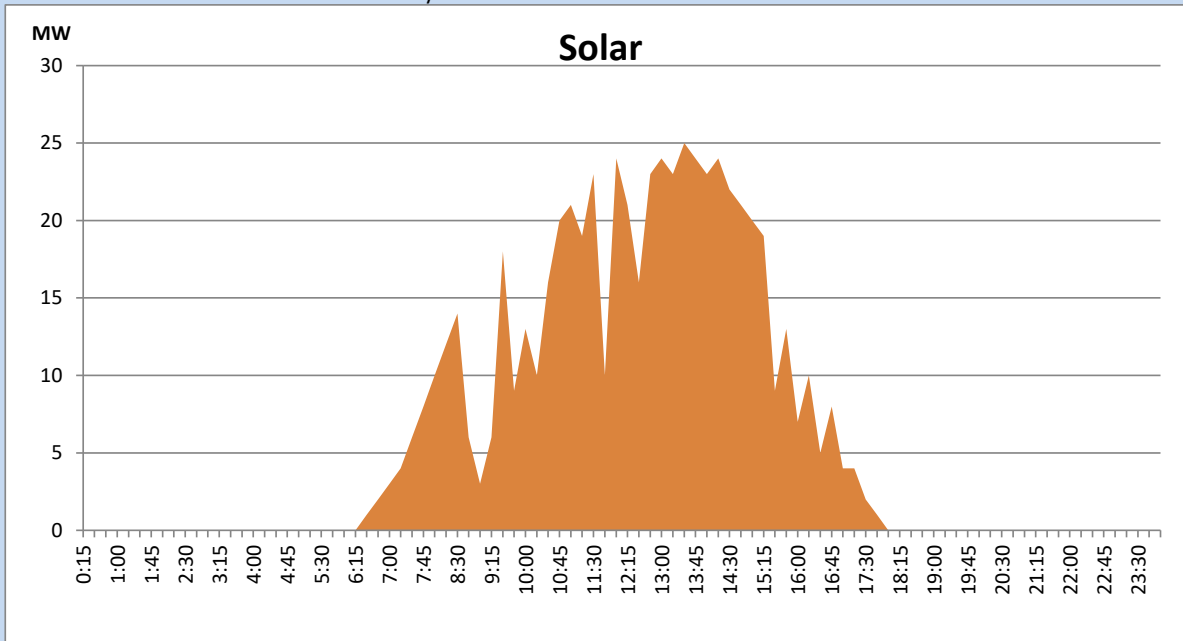
Based on Telemetered Power Stations only



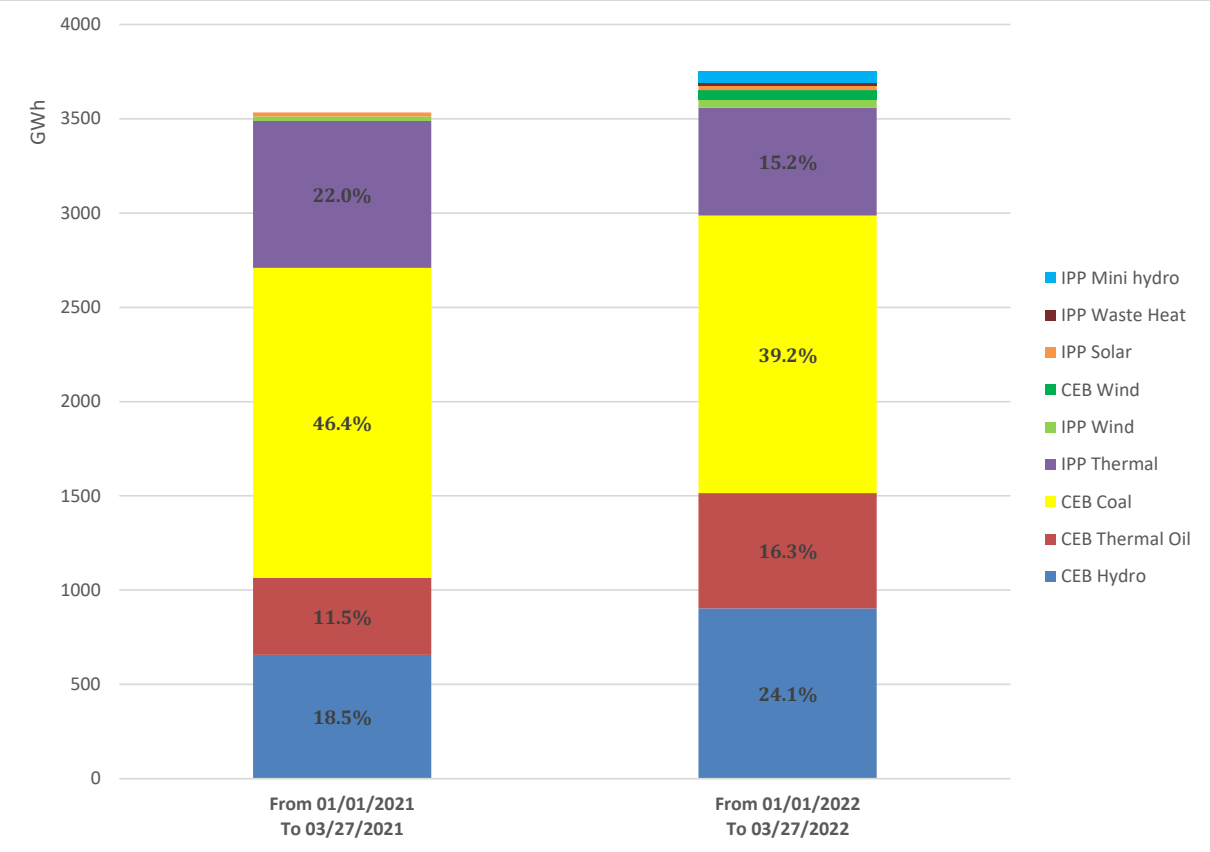
Solar Generation during the Previous day

March 26, 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 28, 2022

- 1) Rotational manual load shedding was carried out from 08:30hrs to 23:00hrs.