

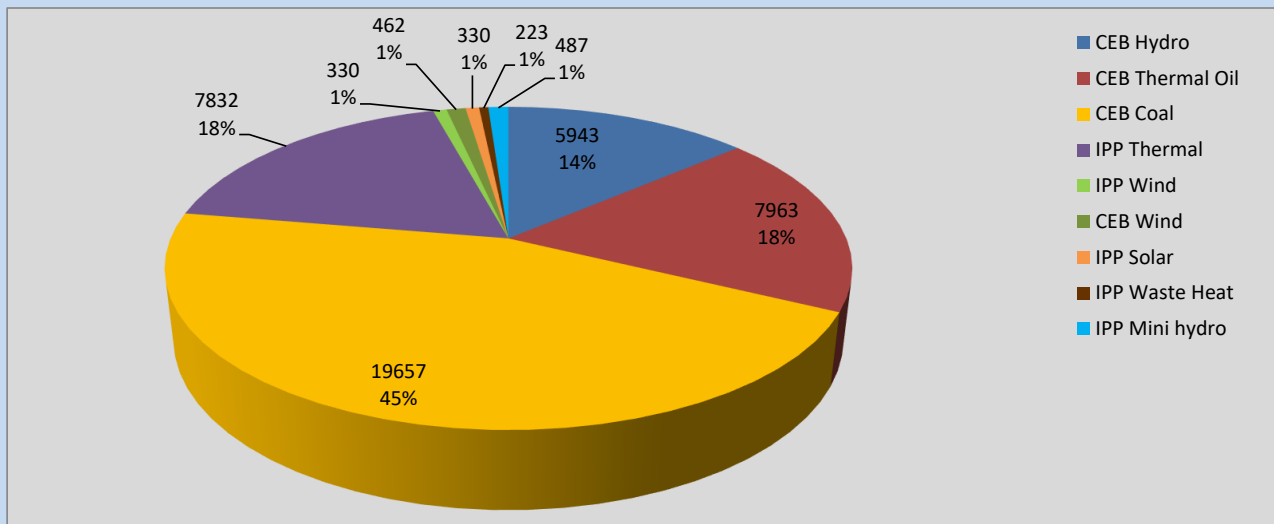
Generation and Reservoirs Statistics

March 29, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **43,184 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

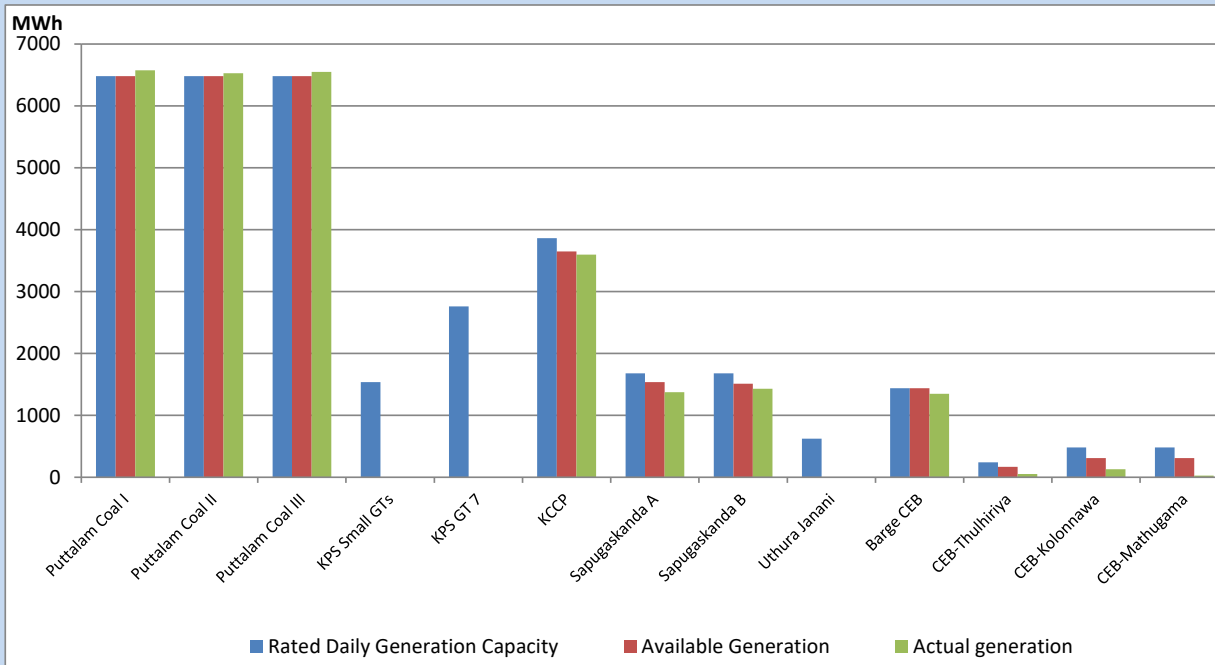
Category	Dispatch (GWh)	Percentage
CEB Hydro	237.62	18.56%
CEB Thermal Oil	216.64	16.92%
CEB Coal	567.73	44.34%
IPP Thermal	197.04	15.39%
SPP Wind	13.52	1.06%
CEB Wind	18.35	1.43%
SPP Solar	7.72	0.60%
SPP Solid Waste	6.38	0.50%
Mini Hydro	15.26	1.19%
Total	1,280.26	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	915.4	23.82%
CEB Thermal Oil	628.9	16.36%
CEB Coal	1,511.3	39.32%
IPP Thermal	588.5	15.31%
SPP Wind	41.6	1.08%
CEB Wind	52.6	1.37%
SPP Solar	23.0	0.60%
SPP Solid Waste	17.5	0.45%
Mini Hydro	65.0	1.69%
Total	3,843.5	

CEB owned Thermal Plant Dispatch

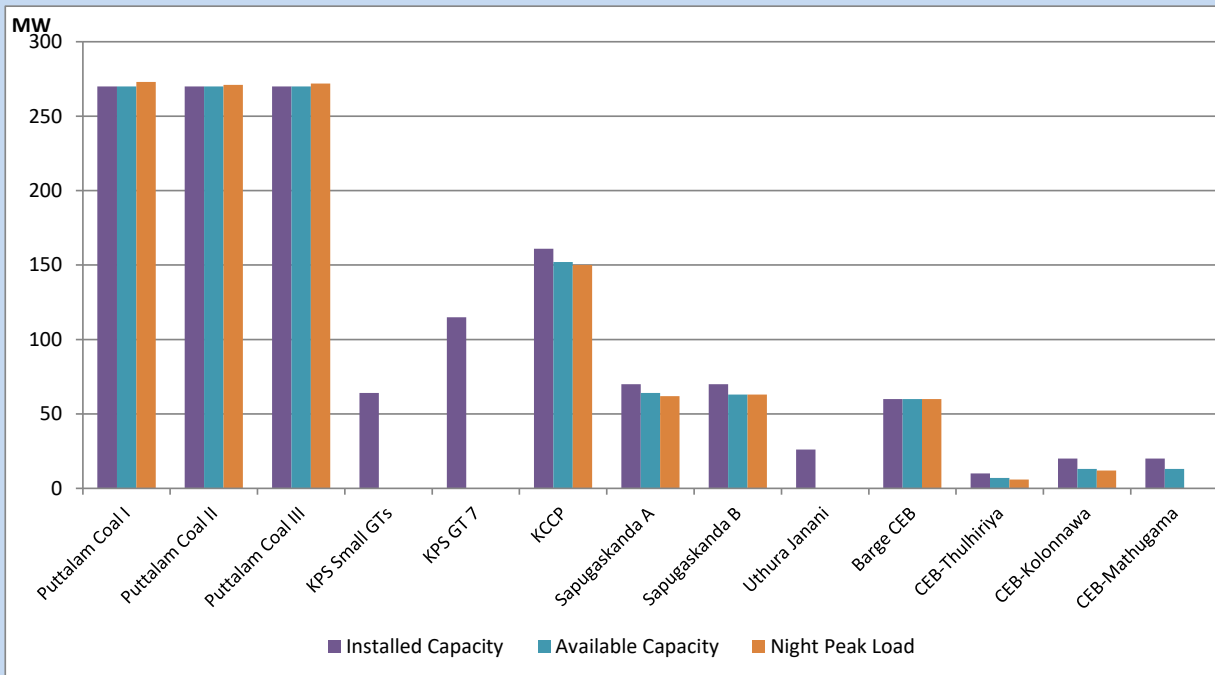
March 29, 2022



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

March 30, 2022

CEB owned Thermal Plant Loading at the Night Peak



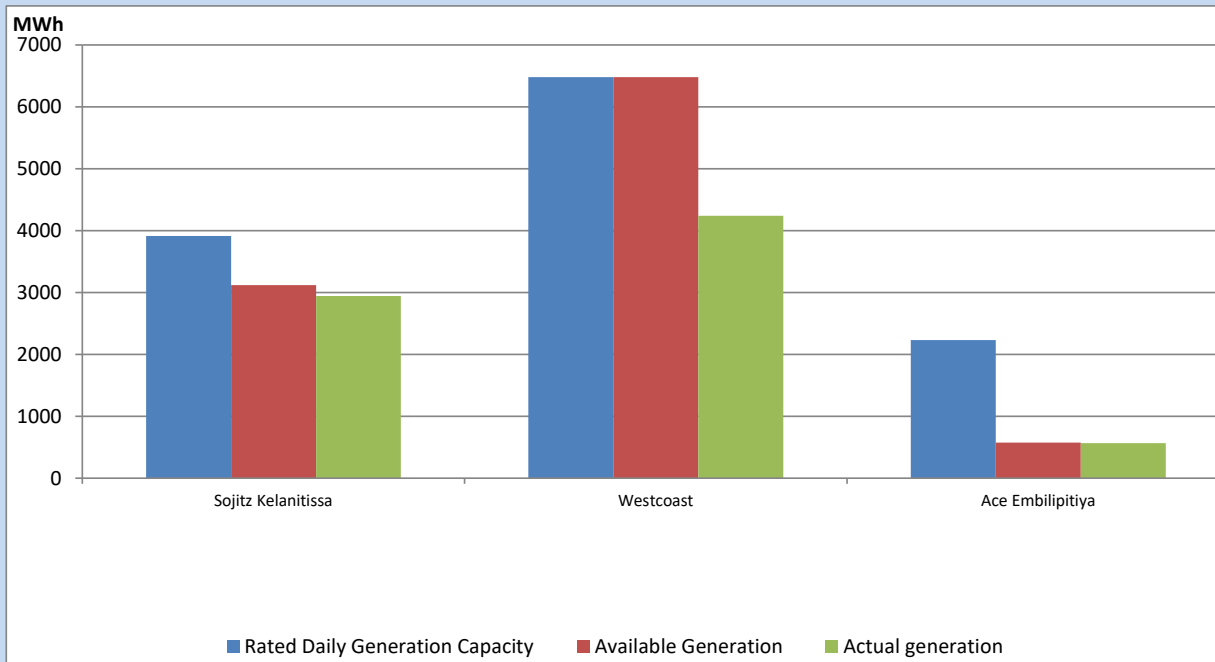
Note- Plant availability is recorded at 6.00 am on

March 30, 2022

IPP owned Thermal Plant Dispatch

March 29, 2022

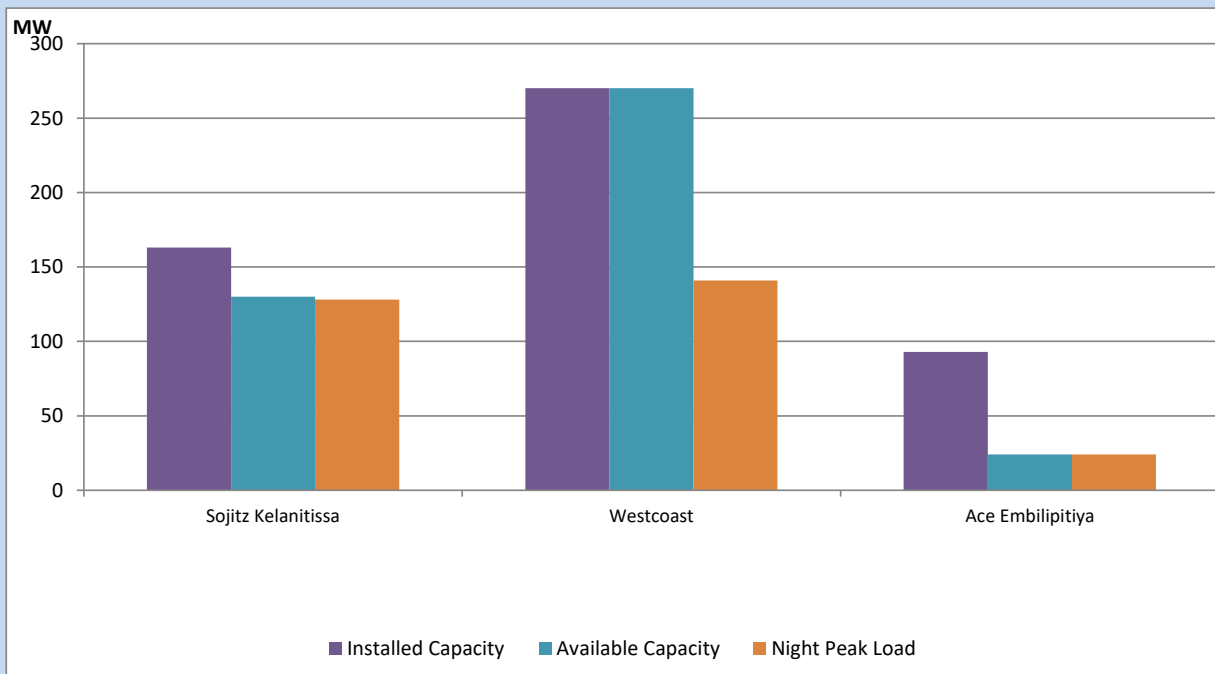
ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

March 30, 2022

IPP owned Thermal Plant Loading at the Night Peak

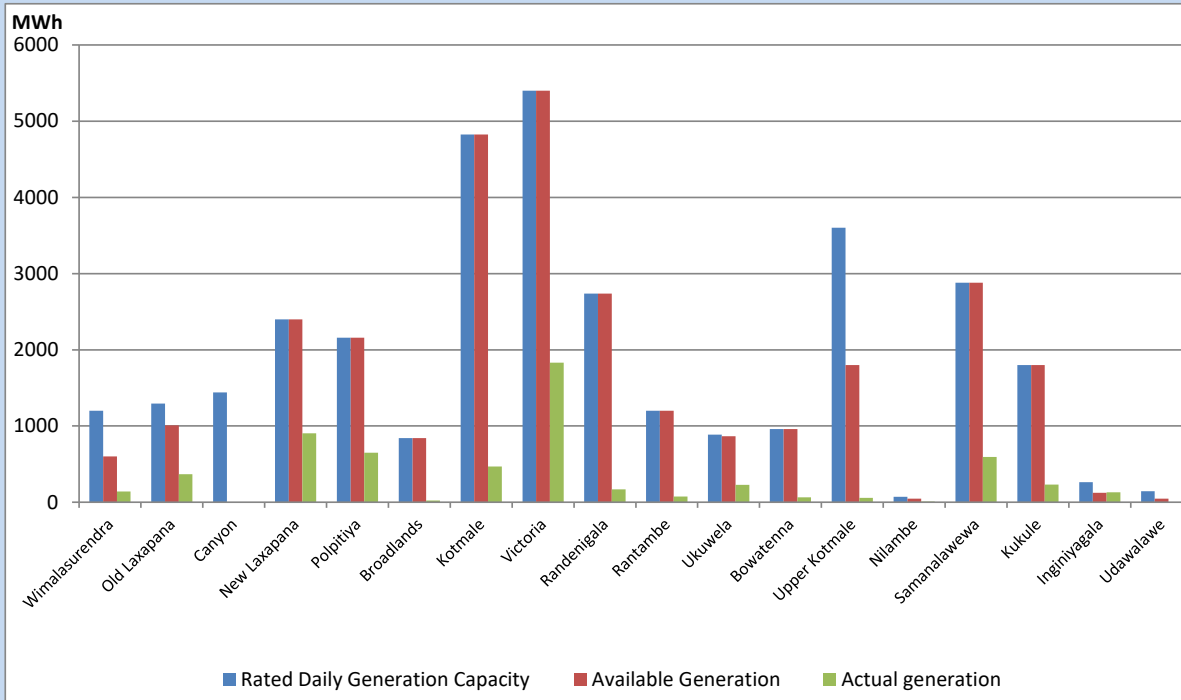


Note- Plant availability is recorded at 6.00 am on

March 30, 2022

Major Hydro Plant Dispatch

March 29, 2022

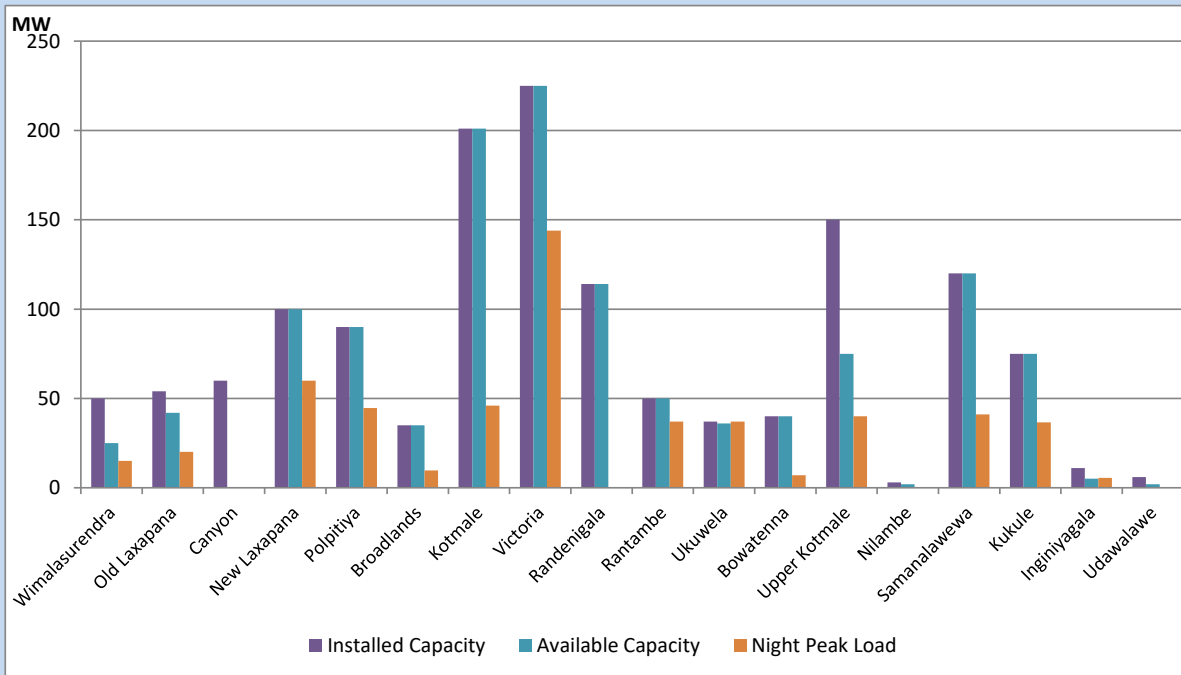


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

March 30, 2022

Major Hydro Plant Loading at Night Peak

March 29, 2022



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

March 30, 2022

Summary of Major Plant performance

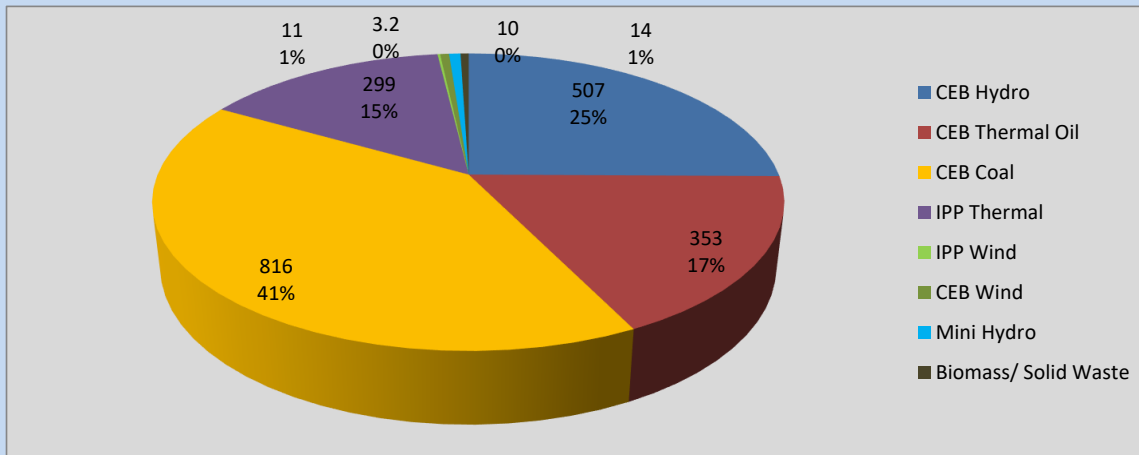
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	15	141
Old Laxapana	54	42	20	368
Canyon	60	0	0	0
New Laxapana	100	100	60	904
Polpitiya	90	90	45	650
Broadlands	35	35	10	23
Kotmale	201	201	46	470
Victoria	225	225	144	1,830
Randenigala	114	114	0	169
Rantambe	50	50	37	76
Ukuwela	37	36	37	228
Bowatenna	40	40	7	65
Upper Kotmale	150	75	40	56
Nilambe	3	2	0	7
Samanalawewa	120	120	41	593
Kukule	75	75	37	233
Inginiyagala	11	5	6	130
Udawalawe	6	2	0	0
Puttalam Coal I	270	270	273	6,577
Puttalam Coal II	270	270	271	6,530
Puttalam Coal III	270	270	272	6,550
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	152	150	3,598
Sapugaskanda A	70	64	62	1,373
Sapugaskanda B	70	63	63	1,430
Uthura Janani	26	0	0	0
Barge CEB	60	60	60	1,350
CEB-Thulhiriya	10	7	6	53
CEB-Kolonnawa	20	13	12	130
CEB-Mathugama	20	13	0	29
Sojitz Kelanitissa	163	130	128	2,943
West Coast	270	270	141	4,238
ACE Embilipitiya	93	24	24	566
Total	3,373	2,843	2,044	43,099

Plant availability is the availability recorded at 6 am on

March 30, 2022

Contribution to the Night Peak in MW

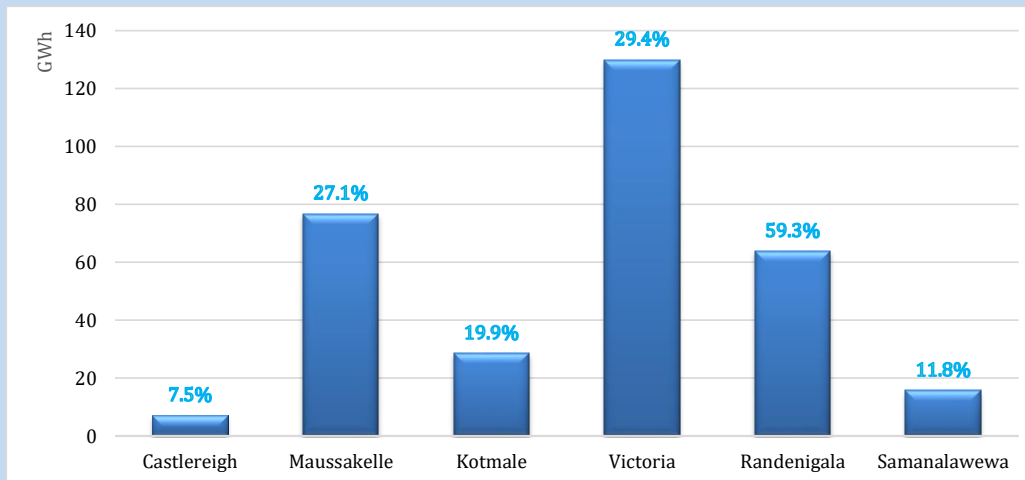
March 29, 2022



Night Peak*	2,012.8 MW
Day Peak	1,799.4 MW
Minimum Demand	1,635.3 MW

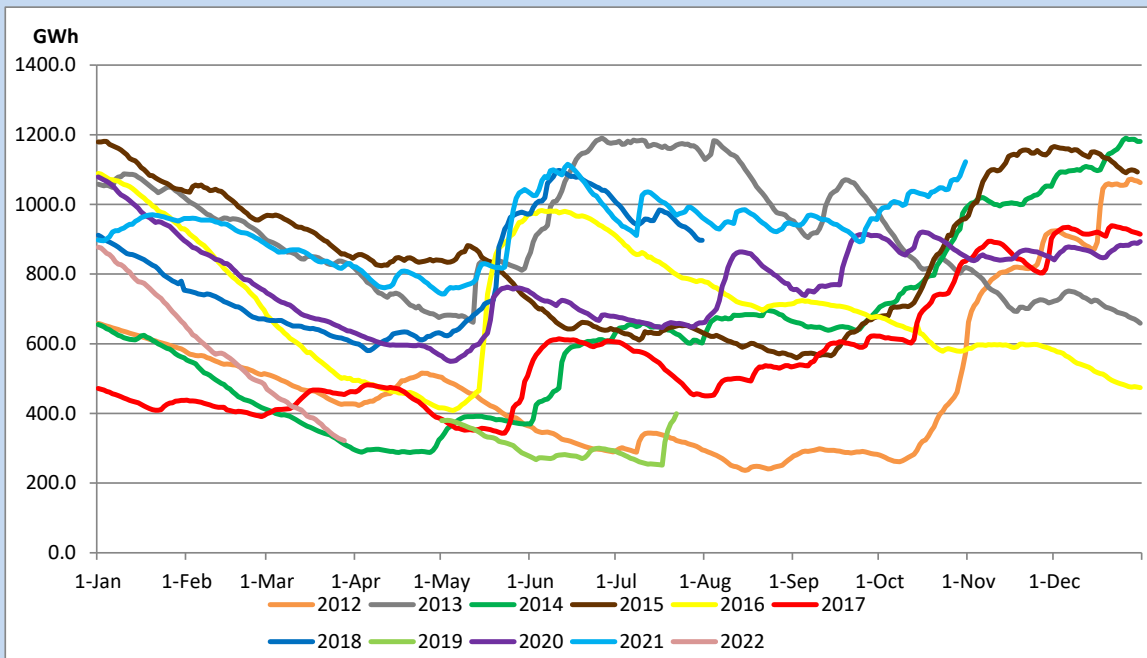
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on March 30, 2022



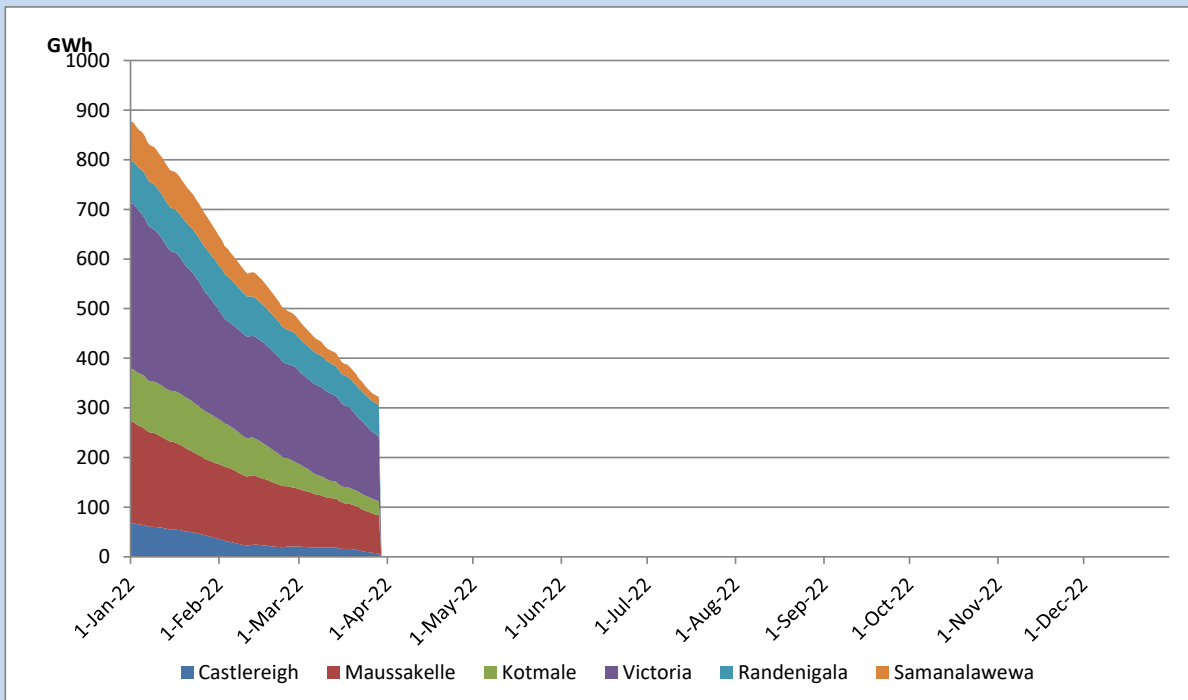
Total Reservoir Level	321.9 GWh
% of Total capacity	25.8%

Comparison of Total Reservoir Storage Levels with Past Years

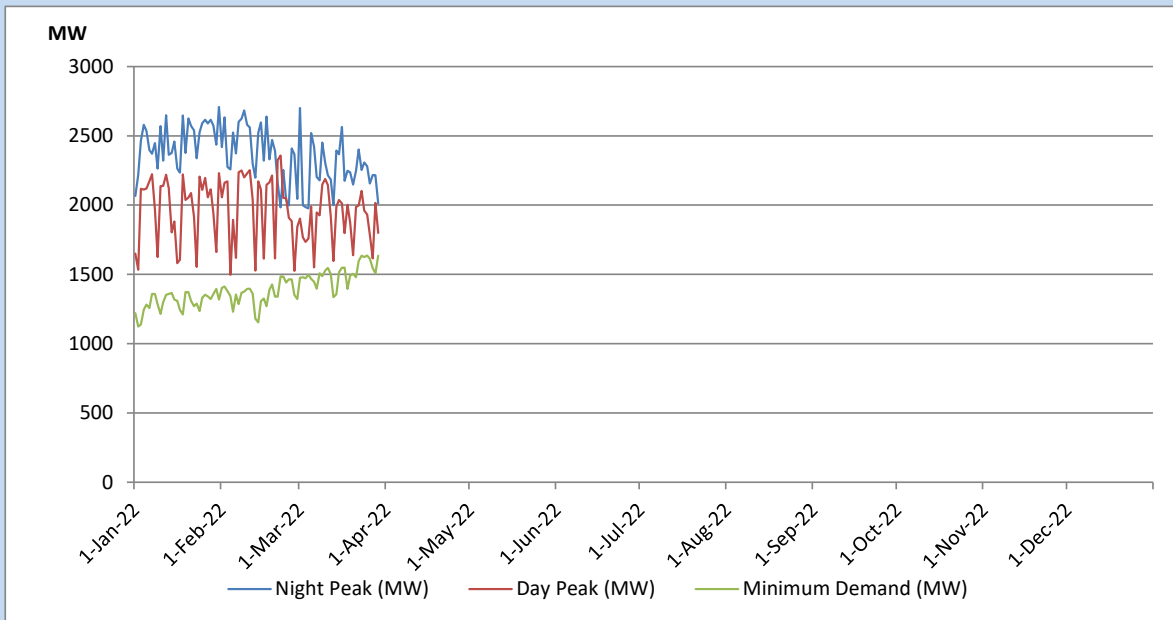


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

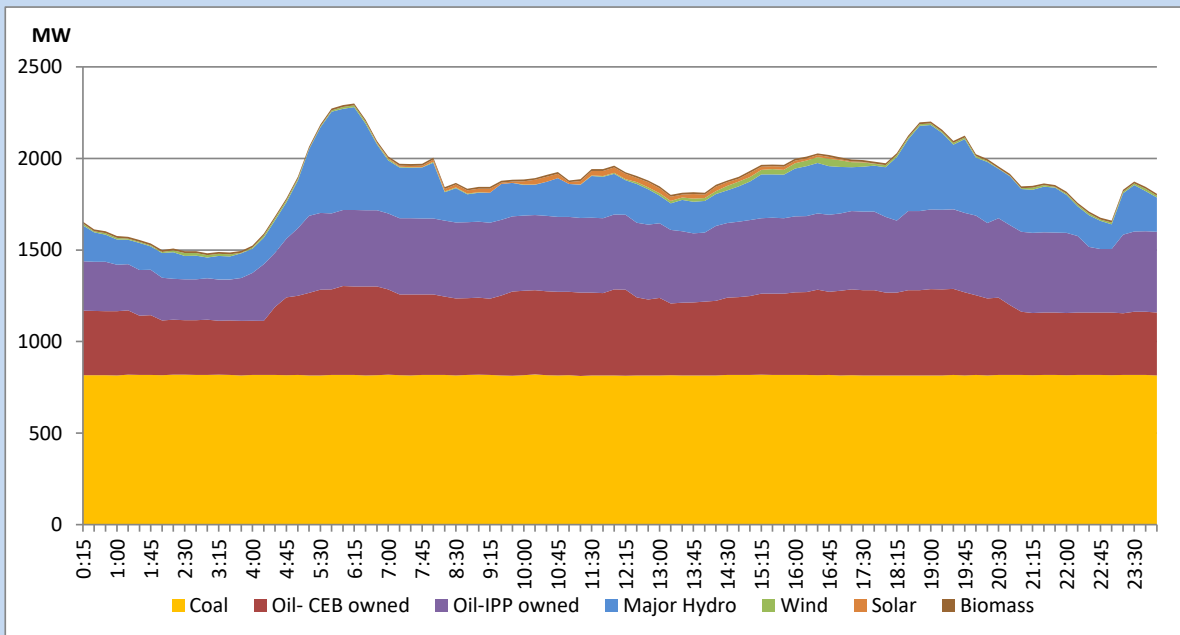


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

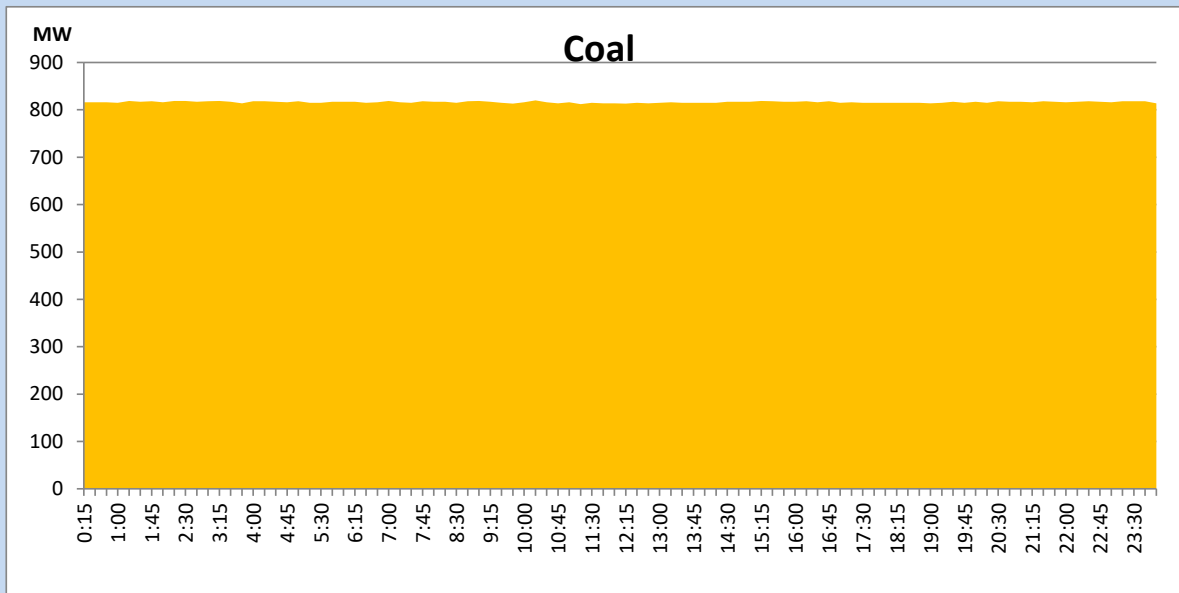
March 28, 2022

Solar and wind data is based on Telemetered Power Stations only



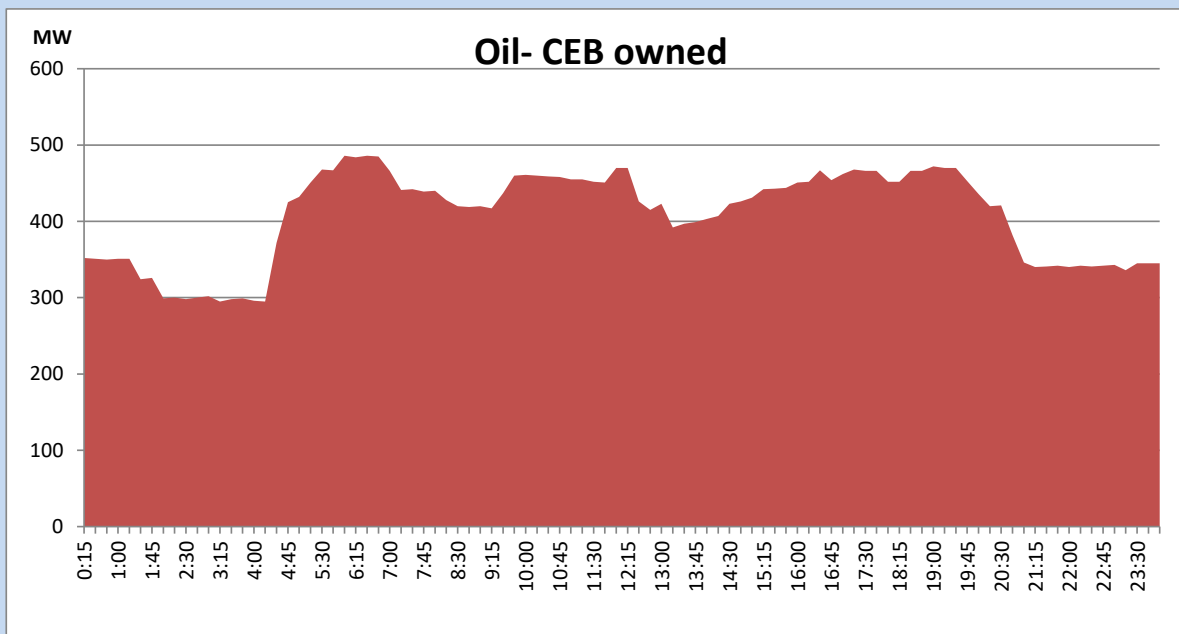
Coal Generation during the Previous day

March 28, 2022



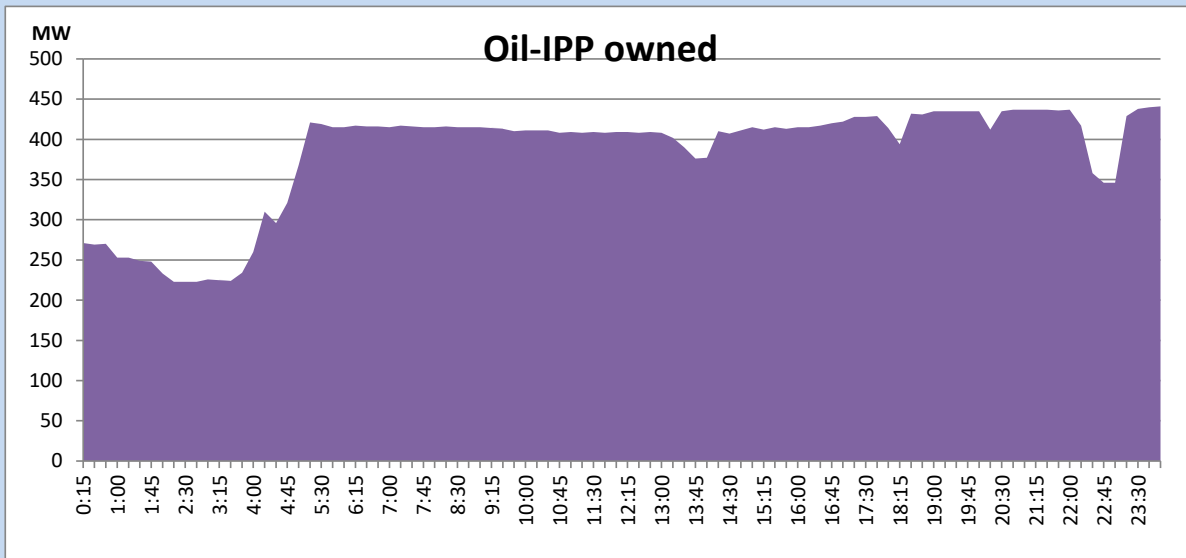
CEB Oil Plant Generation during the Previous day

March 28, 2022



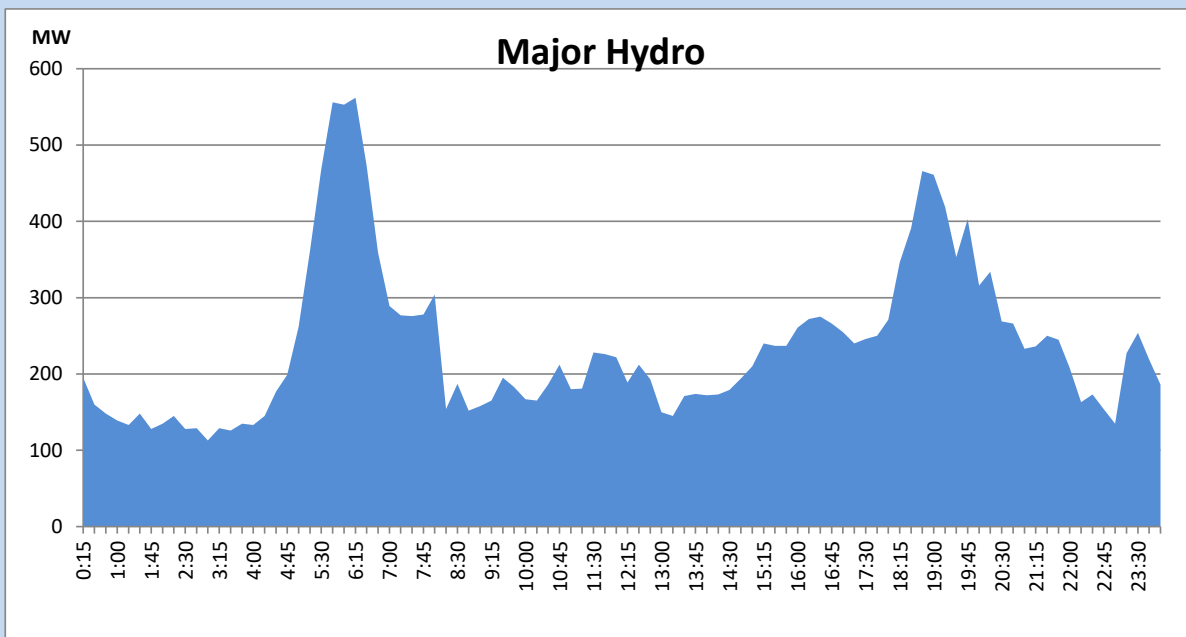
IPP Oil Plant Generation during the Previous day

March 28, 2022



Major Hydro Generation during the Previous day

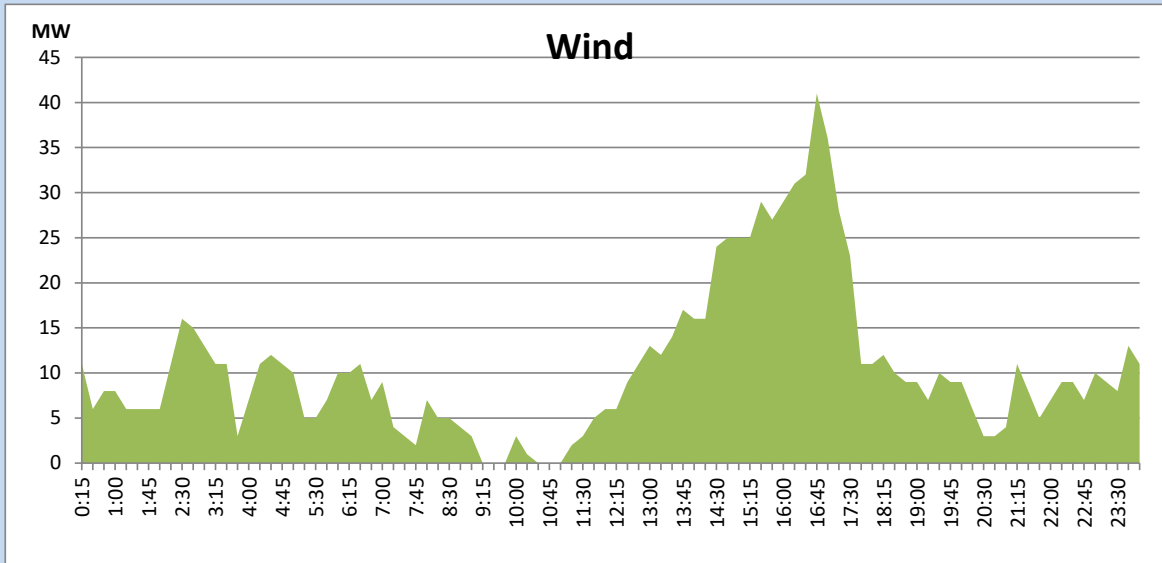
March 28, 2022



Wind Generation during the Previous day

March 28, 2022

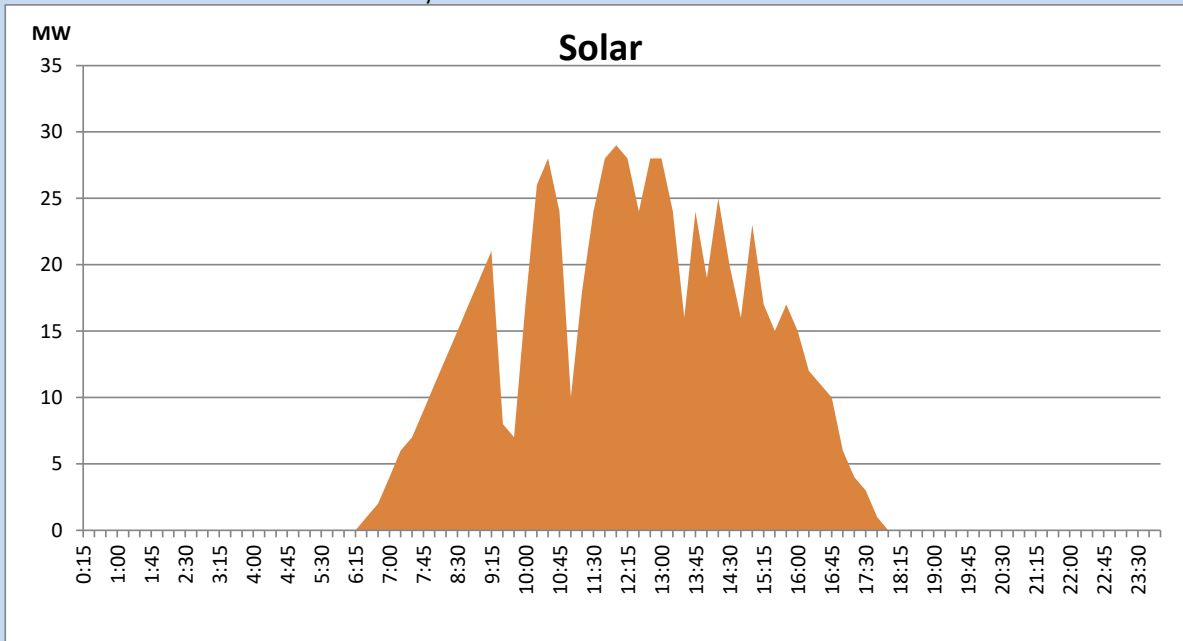
Based on Telemetered Power Stations only



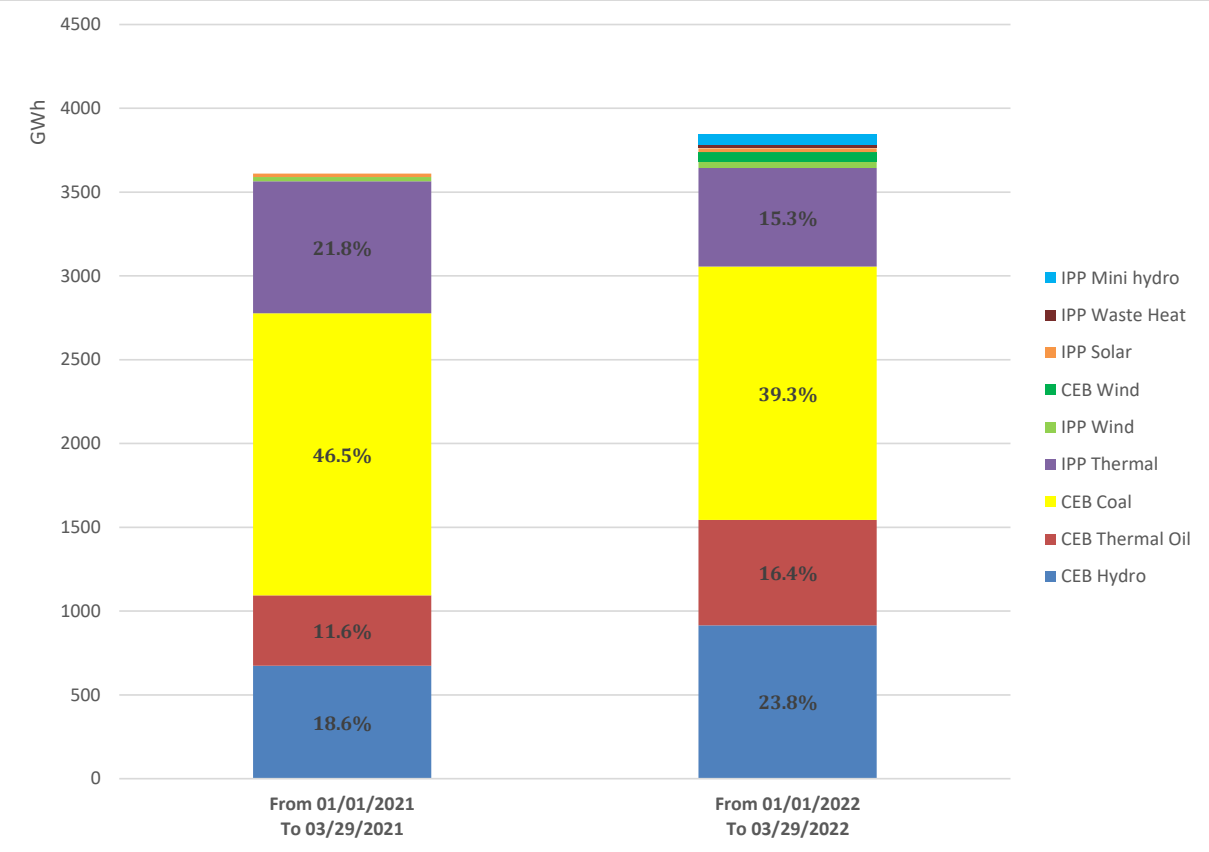
Solar Generation during the Previous day

March 28, 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 30, 2022

- 1) Rotational manual load shedding was carried out from 08:00hrs to 23:00hrs.
- 2) Highest recorded morning peak of 2457MW occurred at 06:00hrs. (30.03.2022)