

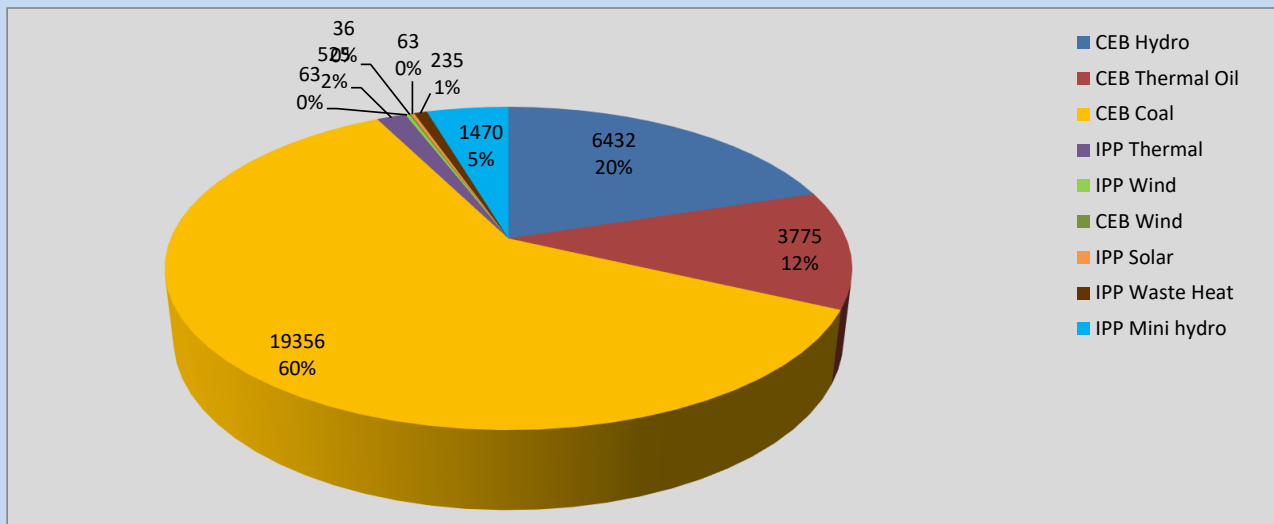
Generation and Reservoirs Statistics

April 12, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **32,068 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

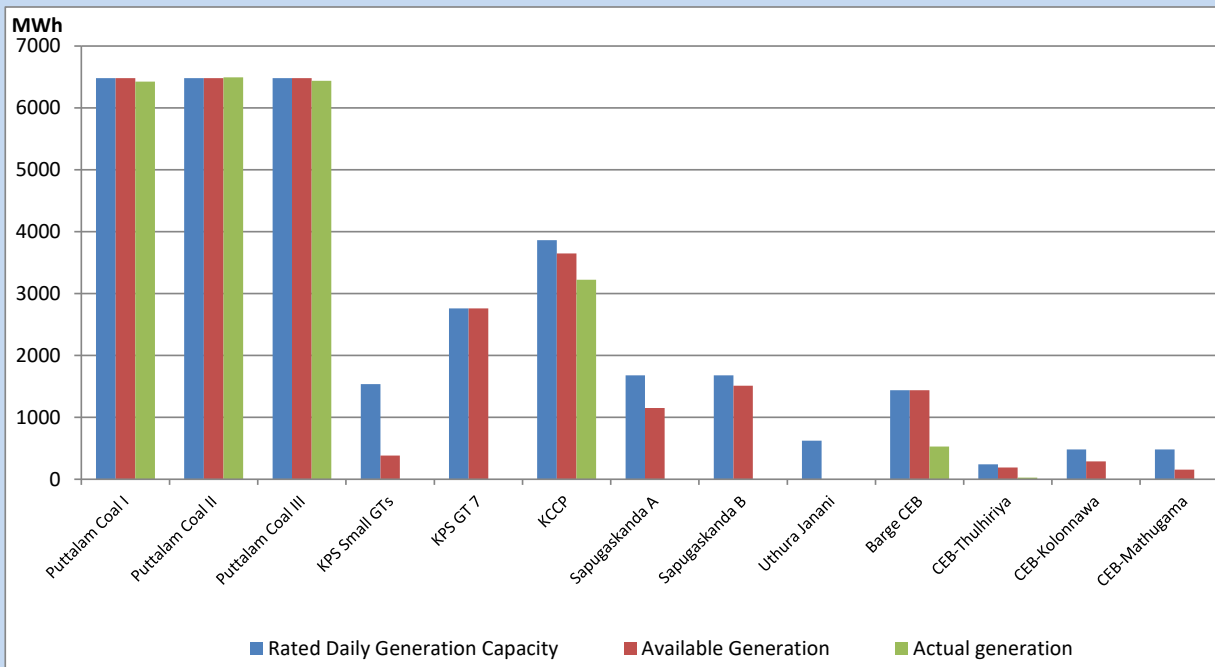
Category	Dispatch (GWh)	Percentage
CEB Hydro	93.99	21.37%
CEB Thermal Oil	35.57	8.09%
CEB Coal	234.53	53.33%
IPP Thermal	51.62	11.74%
SPP Wind	1.85	0.42%
CEB Wind	2.03	0.46%
SPP Solar	2.91	0.66%
SPP Solid Waste	2.78	0.63%
Mini Hydro	14.53	3.30%
Total	439.81	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,023.9	23.50%
CEB Thermal Oil	676.7	15.53%
CEB Coal	1,785.0	40.96%
IPP Thermal	644.5	14.79%
SPP Wind	44.2	1.02%
CEB Wind	55.8	1.28%
SPP Solar	26.5	0.61%
SPP Solid Waste	20.5	0.47%
Mini Hydro	80.9	1.86%
Total	4,357.9	

CEB owned Thermal Plant Dispatch

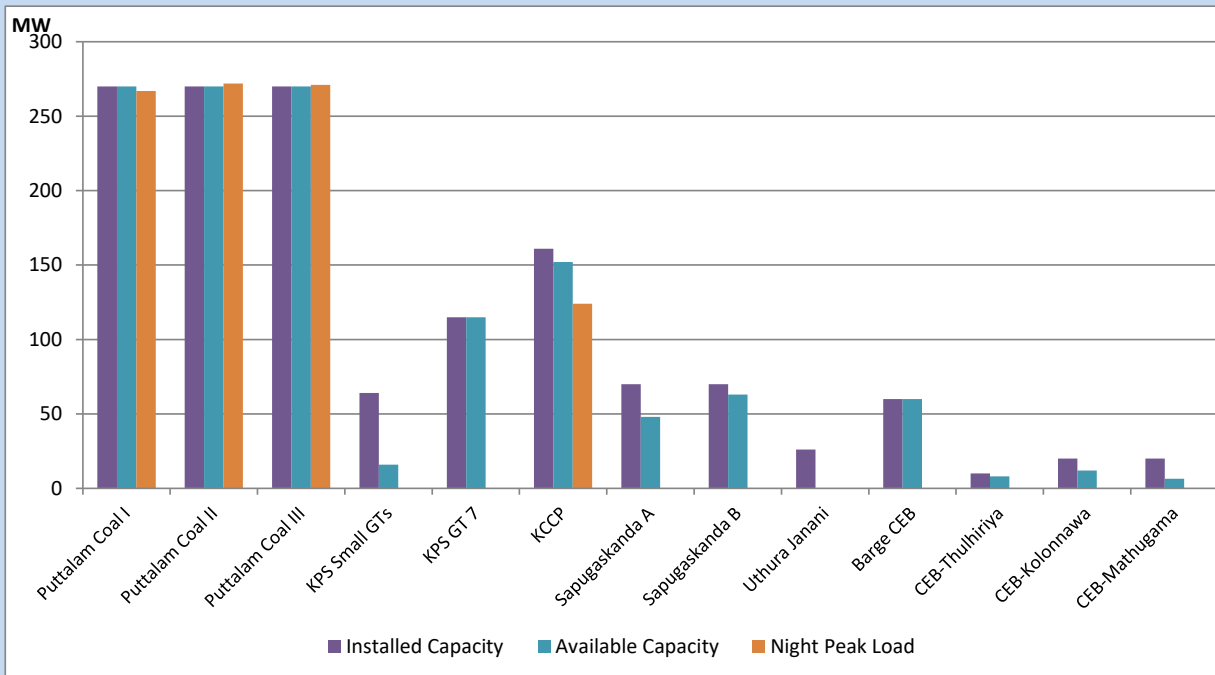
April 12, 2022



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

April 13, 2022

CEB owned Thermal Plant Loading at the Night Peak



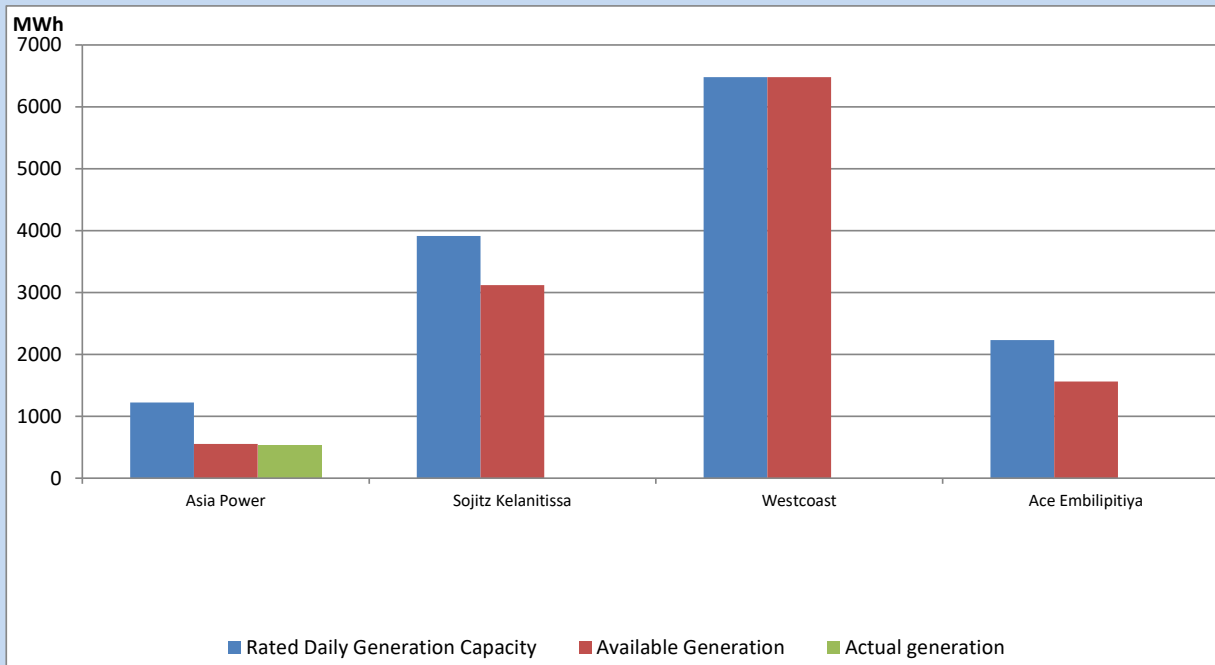
Note- Plant availability is recorded at 6.00 am on

April 13, 2022

IPP owned Thermal Plant Dispatch

April 12, 2022

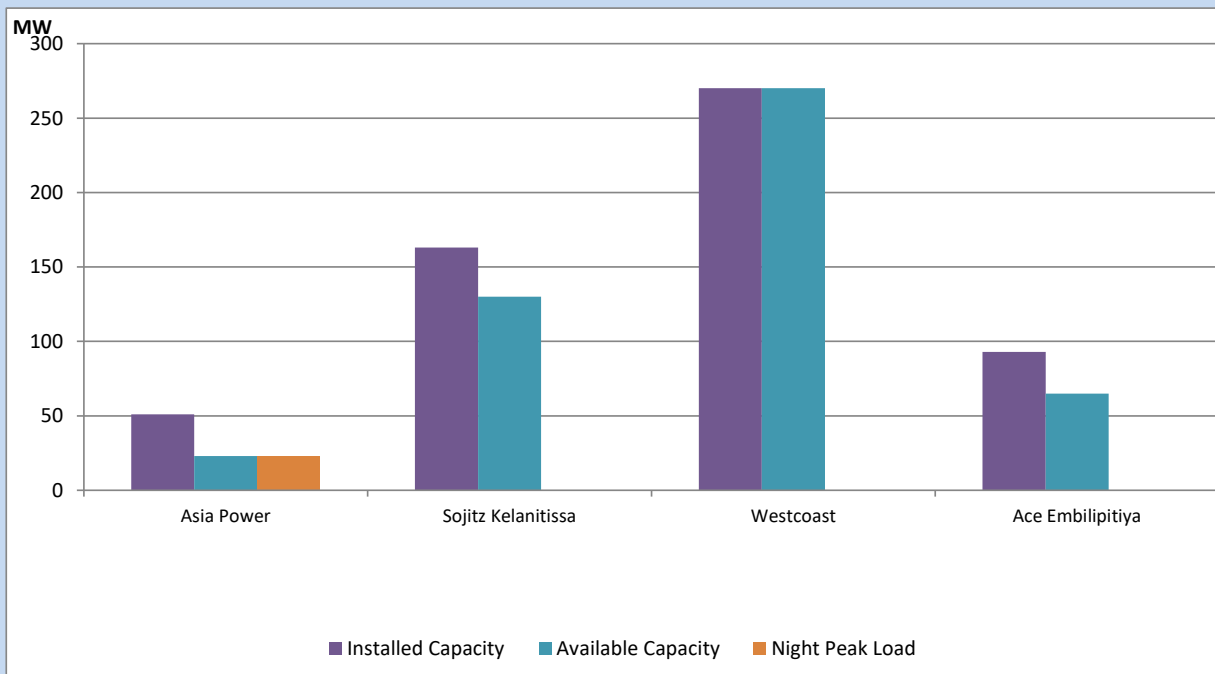
ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

April 13, 2022

IPP owned Thermal Plant Loading at the Night Peak

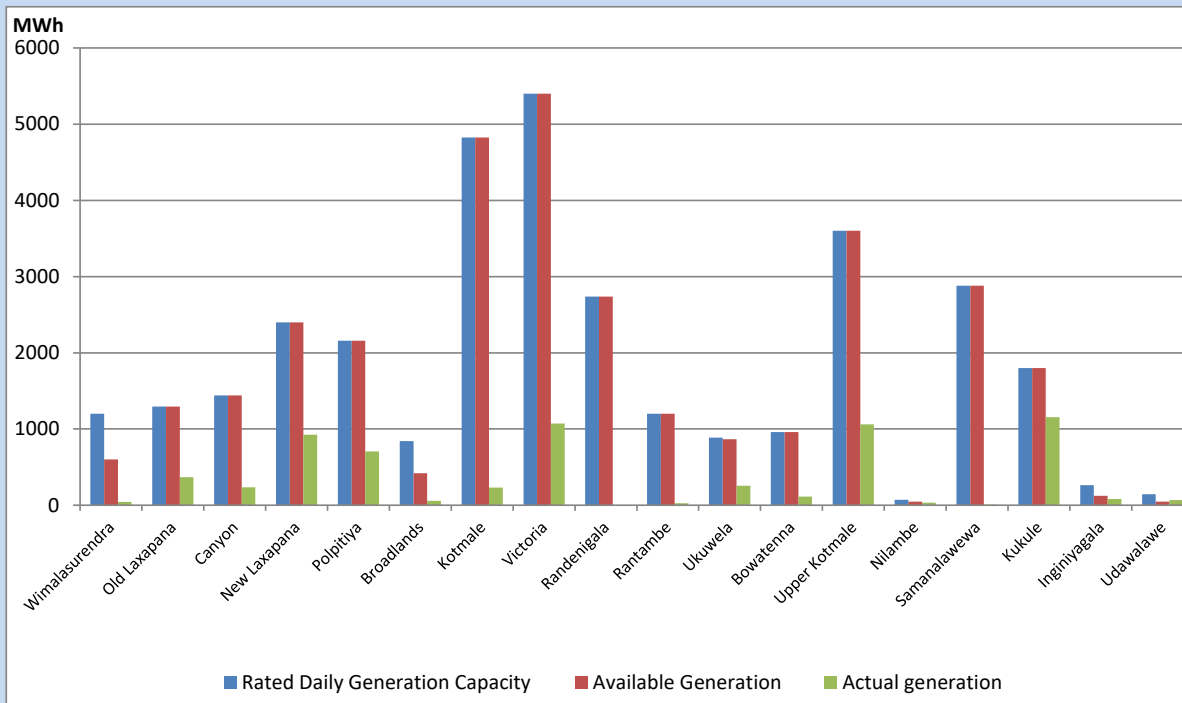


Note- Plant availability is recorded at 6.00 am on

April 13, 2022

Major Hydro Plant Dispatch

April 12, 2022

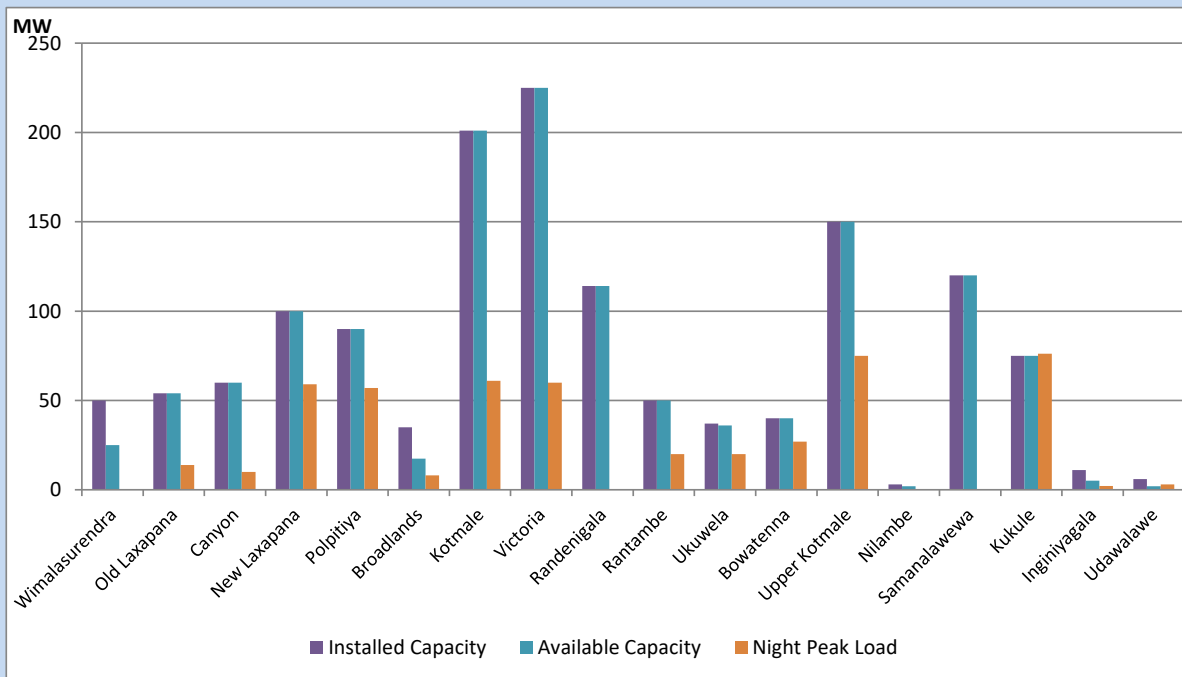


Available Generation is estimated based on plant availability at 6.00am on April 13, 2022
 Broadlands power plant is operating in the Commissioning Stage

April 13, 2022

Major Hydro Plant Loading at Night Peak

April 12, 2022



Note- Plant availability is recorded at 6.00 am on April 13, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

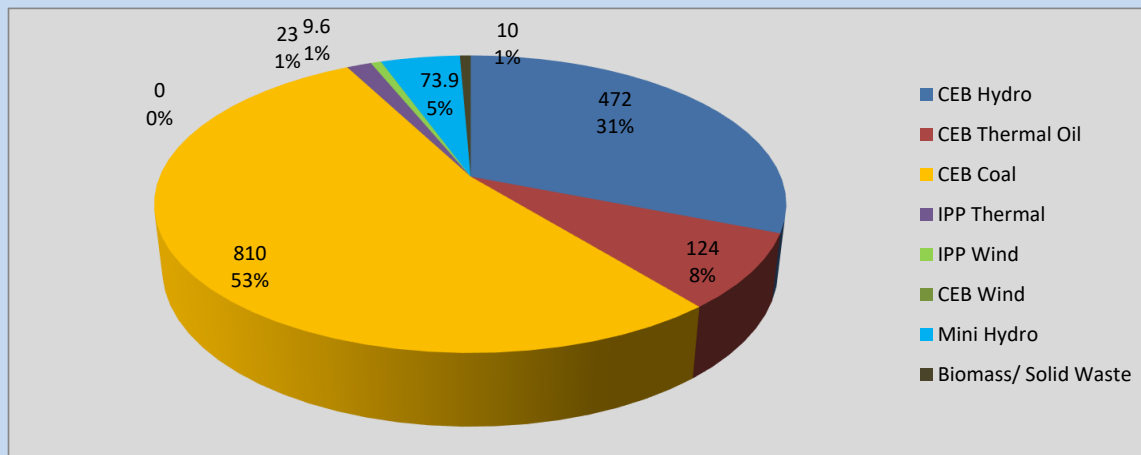
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	0	44
Old Laxapana	54	54	14	367
Canyon	60	60	10	234
New Laxapana	100	100	59	925
Polpitiya	90	90	57	706
Broadlands	35	18	8	58
Kotmale	201	201	61	230
Victoria	225	225	60	1,070
Randenigala	114	114	0	0
Rantambe	50	50	20	25
Ukuwela	37	36	20	256
Bowatenna	40	40	27	114
Upper Kotmale	150	150	75	1,060
Nilambe	3	2	0	31
Samanalawewa	120	120	0	10
Kukule	75	75	76	1,155
Inginiyagala	11	5	2	81
Udawalawe	6	2	3	66
Puttalam Coal I	270	270	267	6,425
Puttalam Coal II	270	270	272	6,494
Puttalam Coal III	270	270	271	6,437
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	124	3,223
Sapugaskanda A	70	48	0	0
Sapugaskanda B	70	63	0	0
Uthura Janani	26	0	0	0
Barge CEB	60	60	0	527
CEB-Thulhiriya	10	8	0	25
CEB-Kolonnawa	20	12	0	0
CEB-Mathugama	20	6	0	0
Asia Power	51	23	23	525
Sojitz Kelanitissa	163	130	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	65	0	0
Total	3,424	3,145	1,543	32,068

Plant availability is the availability recorded at 6 am on

April 13, 2022

Contribution to the Night Peak in MW

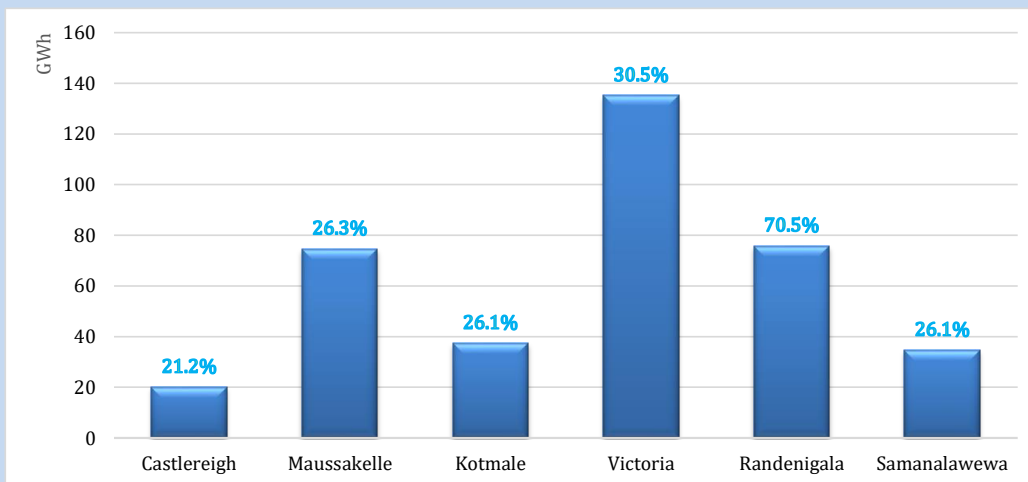
April 12, 2022



Night Peak*	1,522.5 MW
Day Peak	1,372.4 MW
Minimum Demand	1,110.7 MW

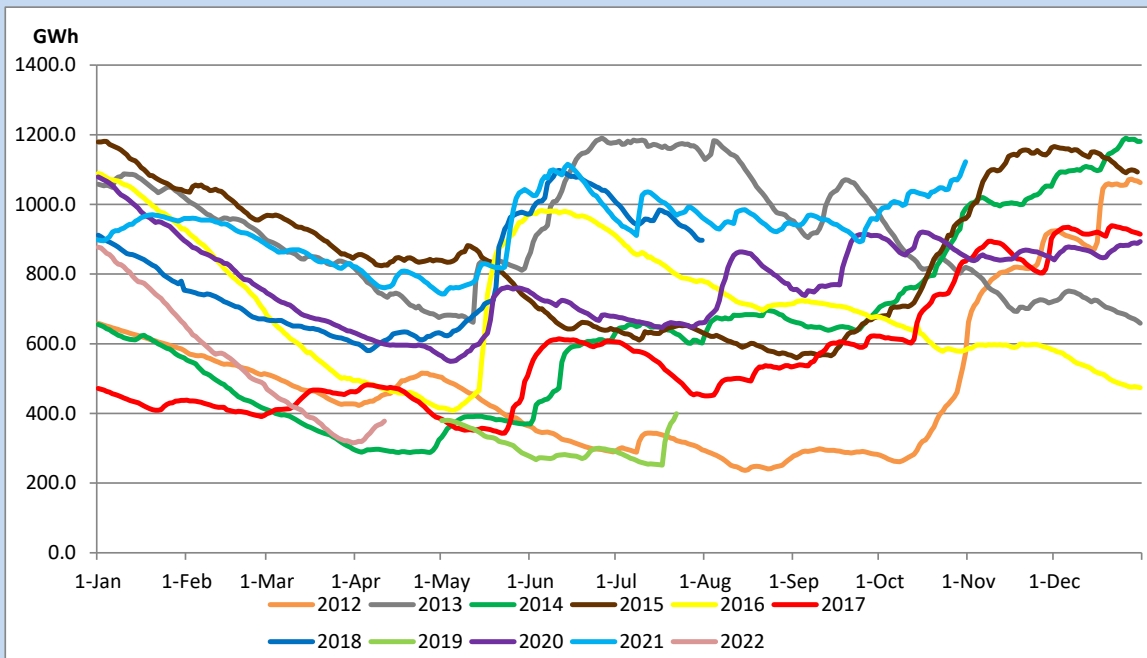
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on April 13, 2022



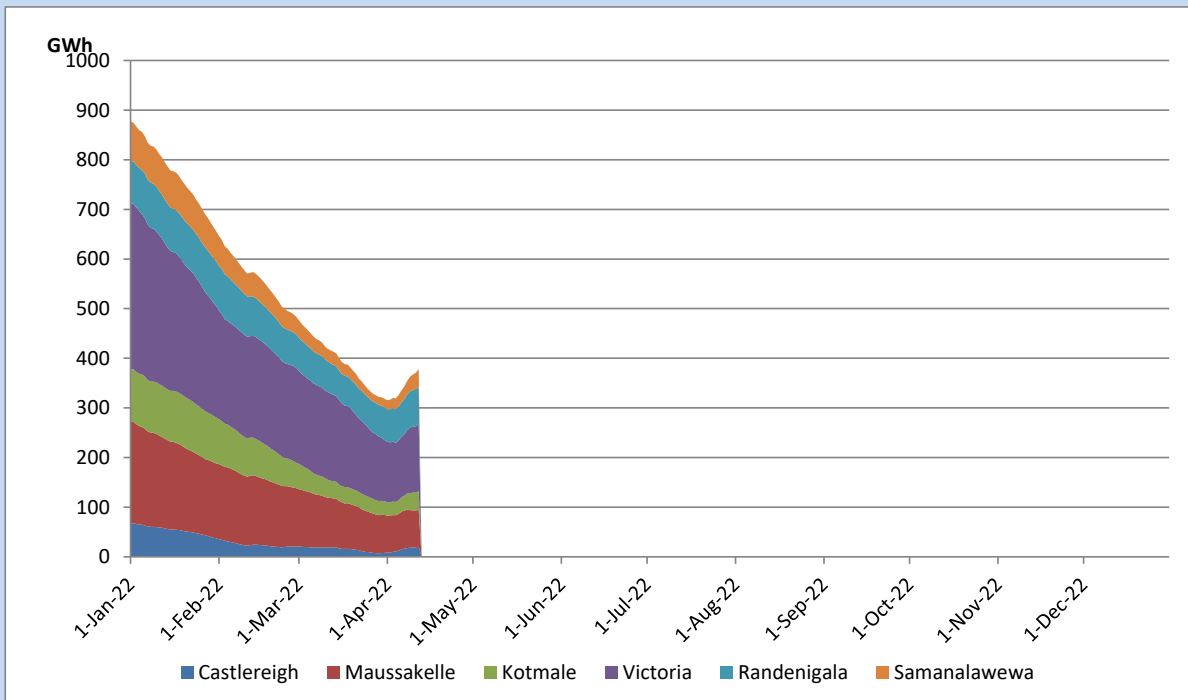
Total Reservoir Level	378 GWh
% of Total capacity	33.5%

Comparison of Total Reservoir Storage Levels with Past Years

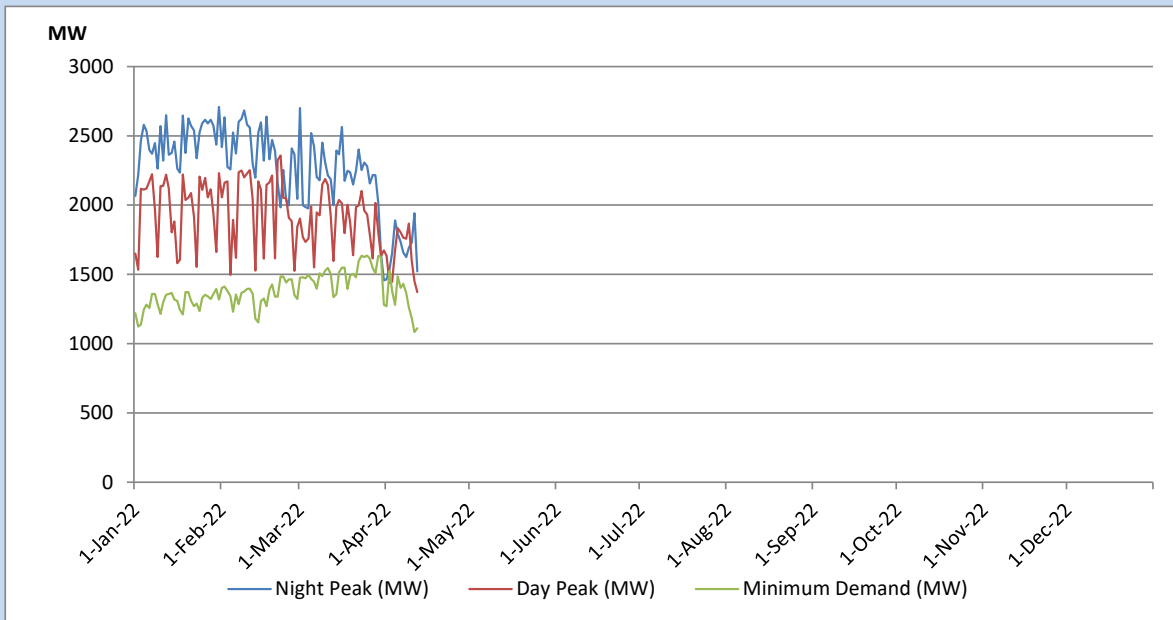


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

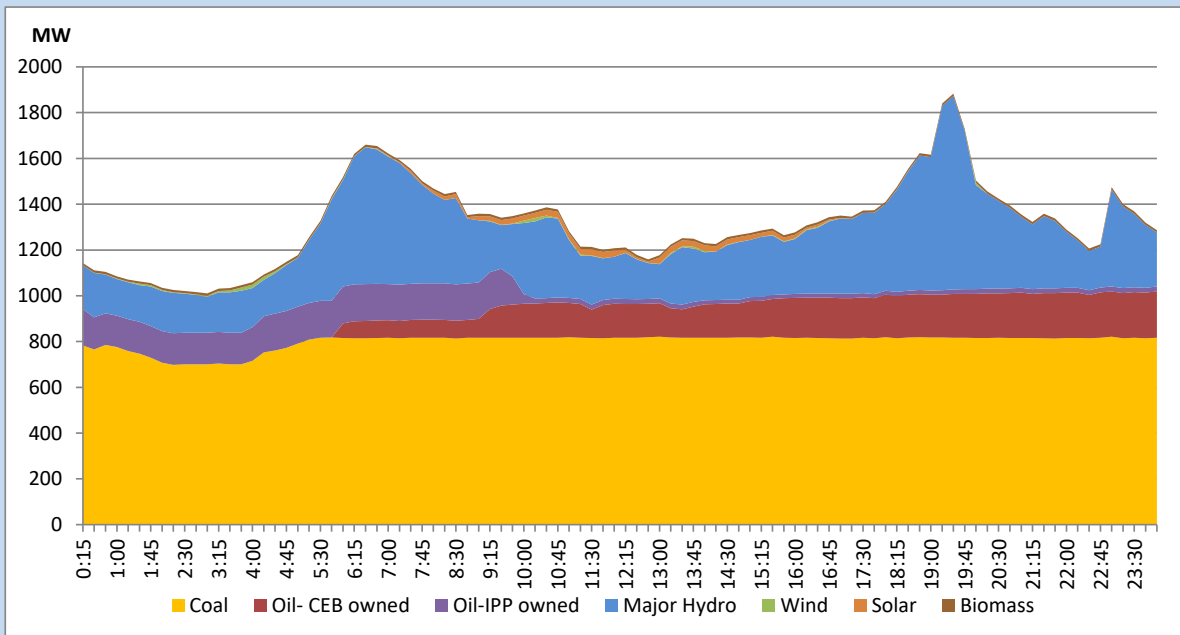


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

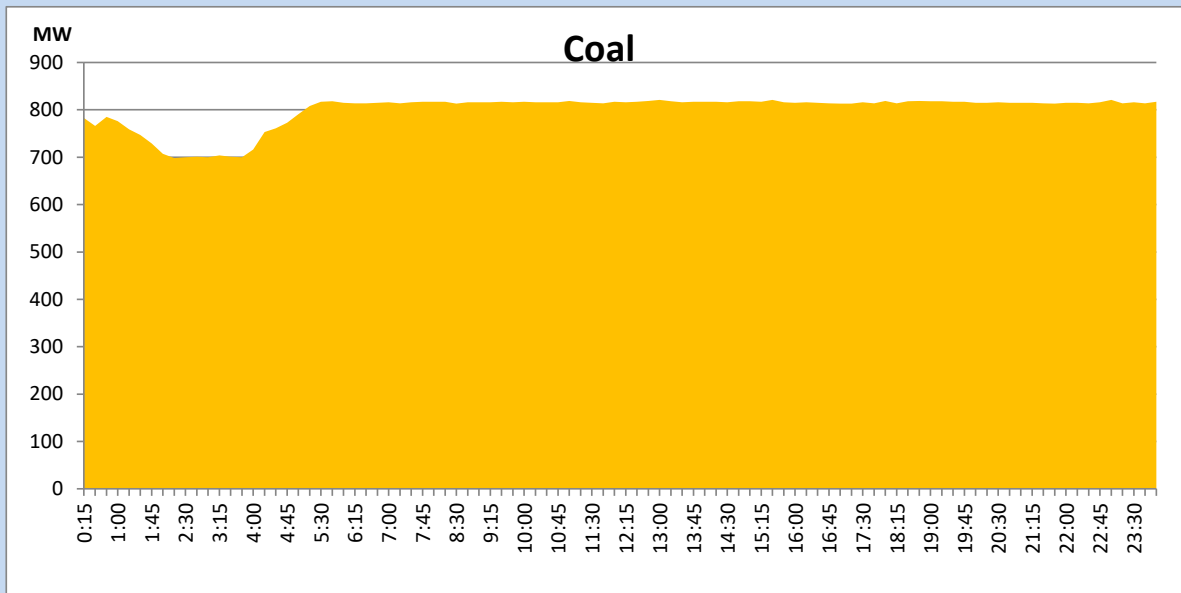
April 11, 2022

Solar and wind data is based on Telemetered Power Stations only



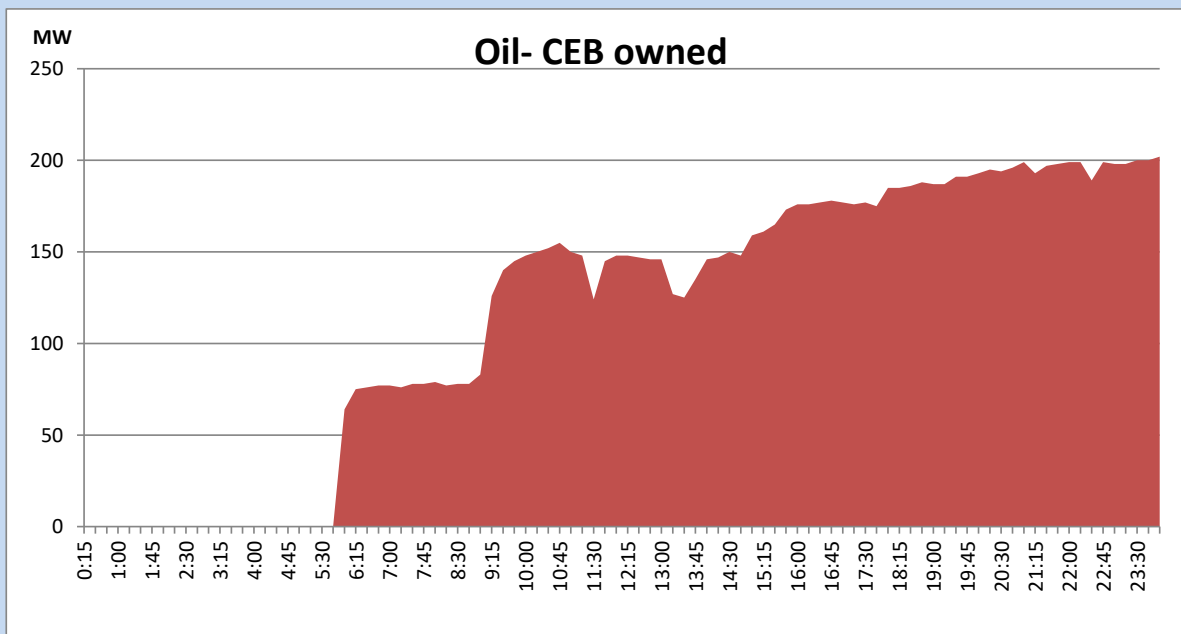
Coal Generation during the Previous day

April 11, 2022



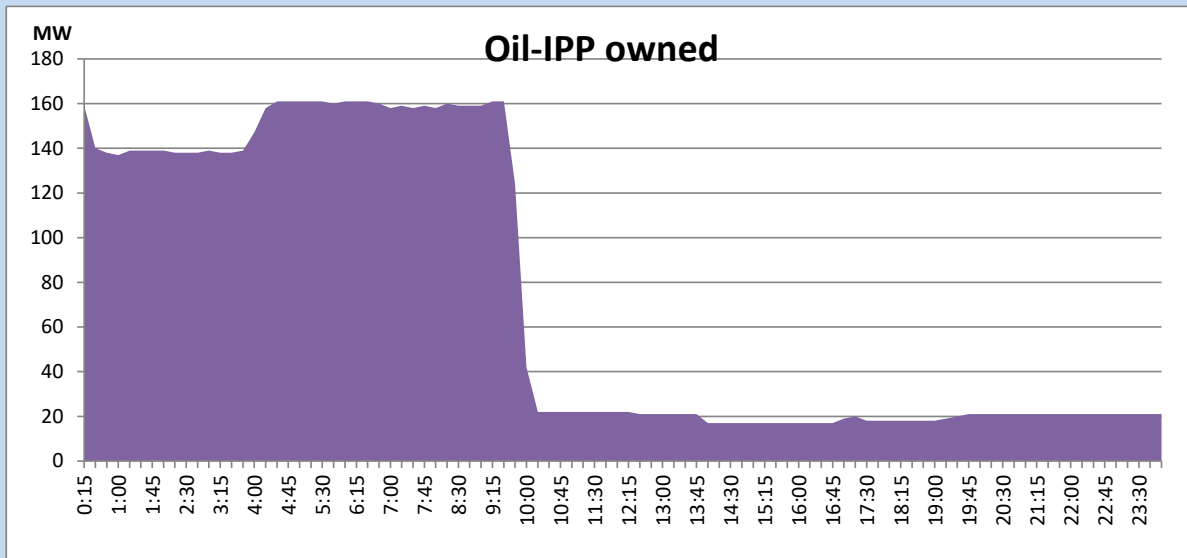
CEB Oil Plant Generation during the Previous day

April 11, 2022



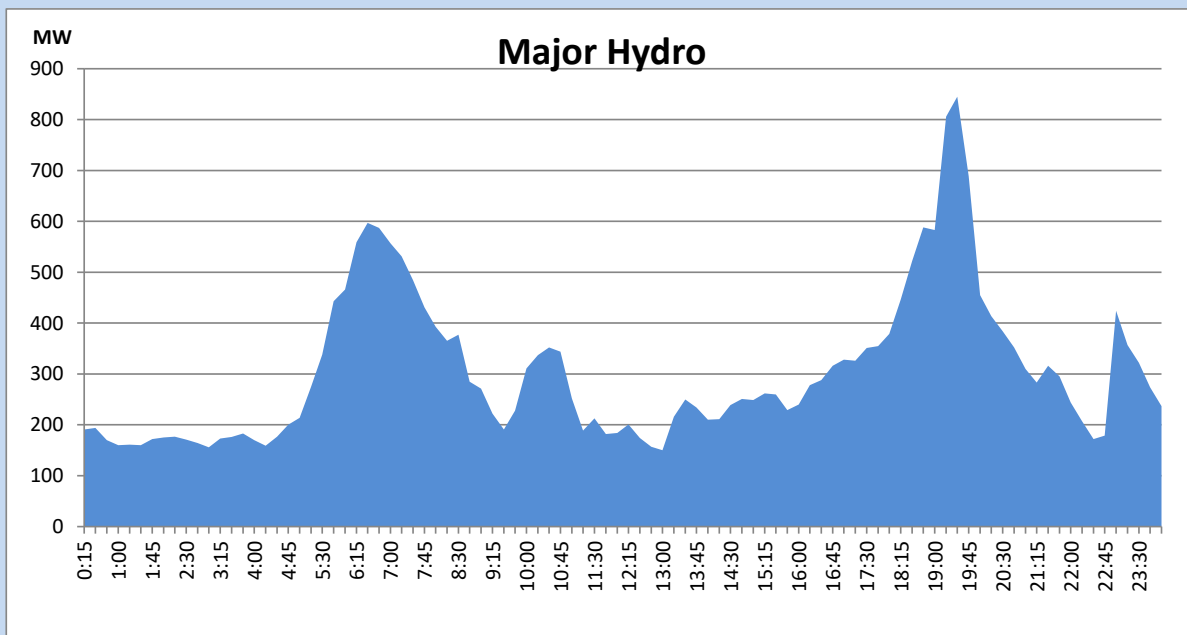
IPP Oil Plant Generation during the Previous day

April 11, 2022



Major Hydro Generation during the Previous day

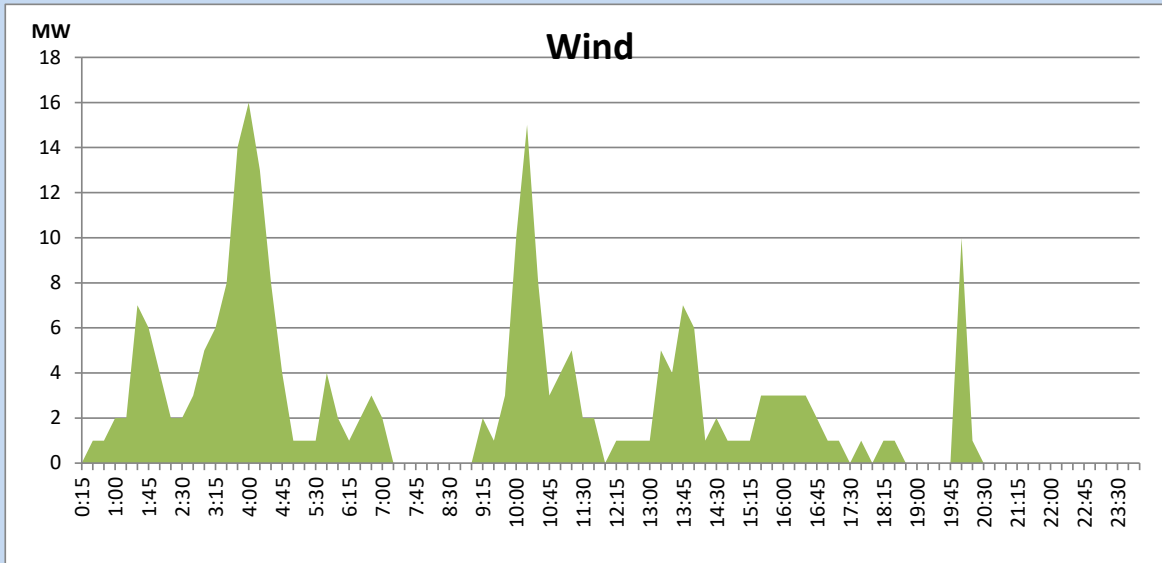
April 11, 2022



Wind Generation during the Previous day

April 11, 2022

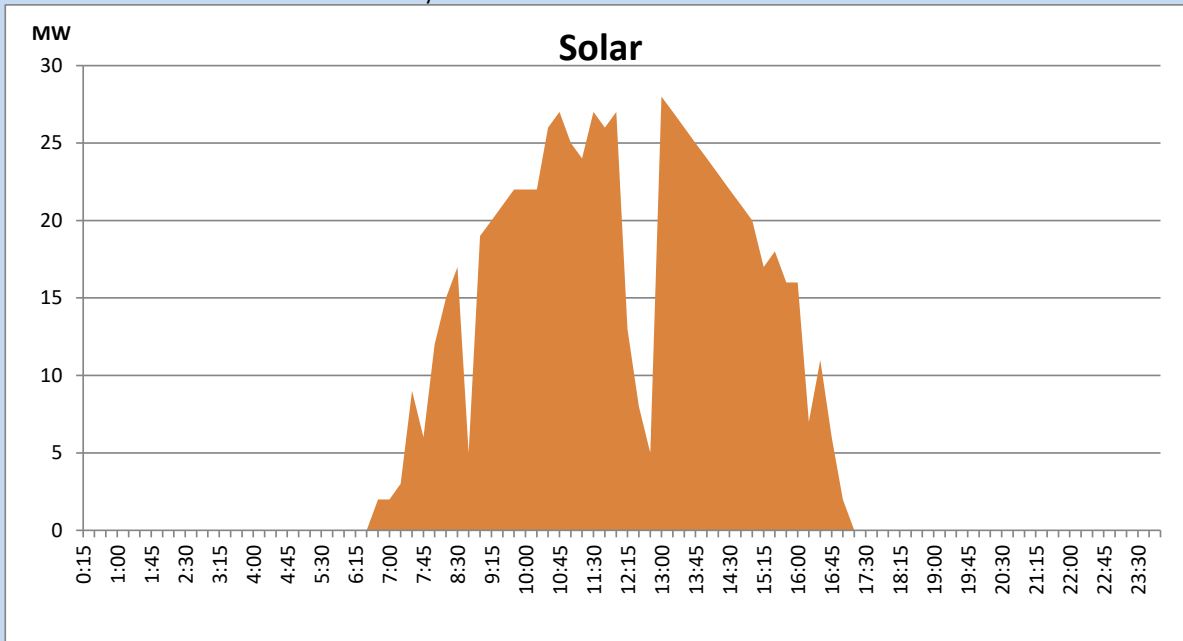
Based on Telemetered Power Stations only



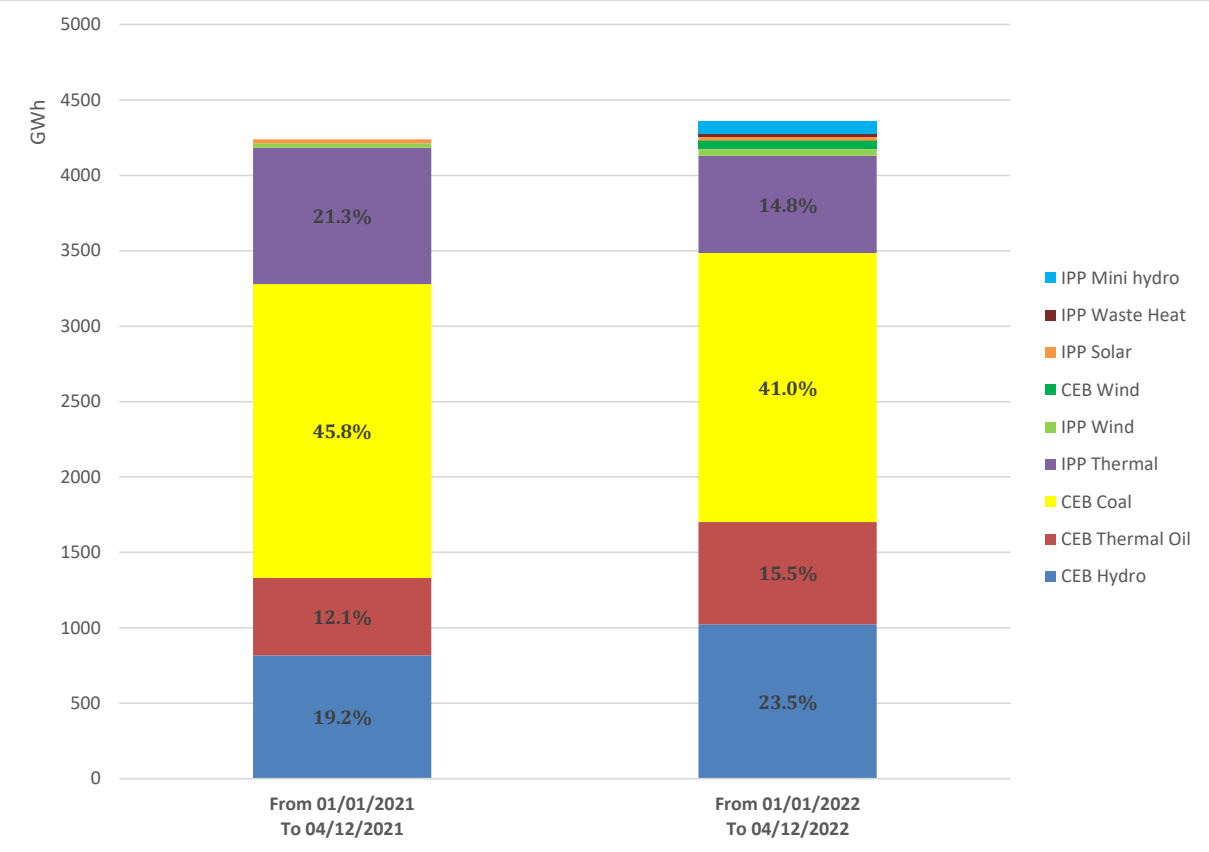
Solar Generation during the Previous day

April 11, 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

April 13, 2022

- 1) Rotational manual load shedding was carried out from 08:30hrs to 22:45hrs.
- 2) Kurunegala - Kiribathkumbura cct 01 tripped and A/R from both ends at 15:46hrs due to operation of distance protection.
- 3) Polpitiya - Thulhiriya - Athurugiriya cct and N'Polpitiya - Thulhiriya - Athurugiriya cct tripped from Polpitiya, N'Polpitiya & Athurugiriya ends at 17:21hrs due to operation of distance protection causing Thulhiriya & Kegalle GSS to be dead. Polpitiya - Thulhiriya - Athurugiriya cct and N'Polpitiya - Thulhiriya - Athurugiriya cct, and all affected feeders restored by 17:38hrs