

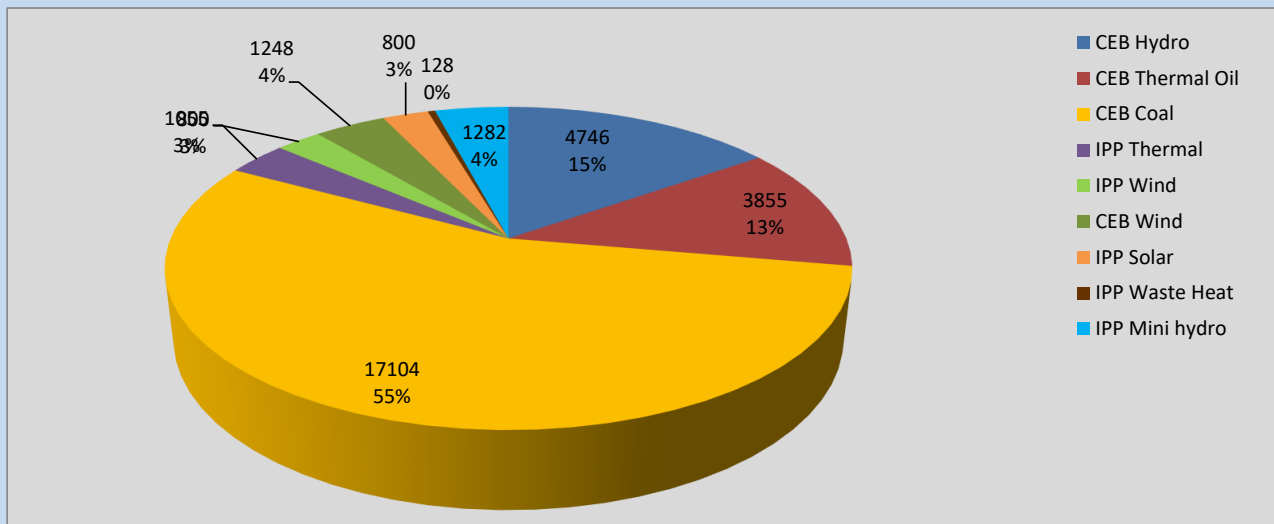
Generation and Reservoirs Statistics

April 16, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **30,499 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

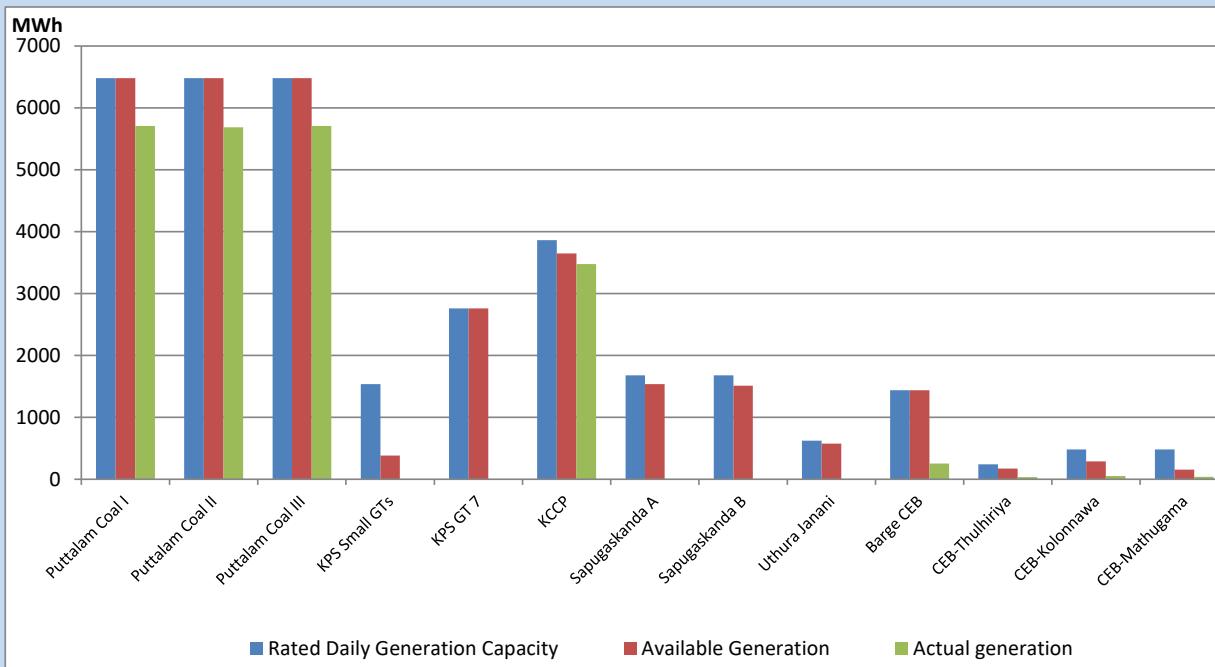
Category	Dispatch (GWh)	Percentage
CEB Hydro	116.93	20.79%
CEB Thermal Oil	50.79	9.03%
CEB Coal	301.32	53.57%
IPP Thermal	56.45	10.04%
SPP Wind	4.22	0.75%
CEB Wind	5.74	1.02%
SPP Solar	4.01	0.71%
SPP Solid Waste	3.30	0.59%
Mini Hydro	19.68	3.50%
Total	562.44	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,046.8	23.36%
CEB Thermal Oil	692.0	15.44%
CEB Coal	1,851.8	41.33%
IPP Thermal	649.4	14.49%
SPP Wind	46.6	1.04%
CEB Wind	59.5	1.33%
SPP Solar	27.6	0.62%
SPP Solid Waste	21.0	0.47%
Mini Hydro	86.1	1.92%
Total	4,480.5	

CEB owned Thermal Plant Dispatch

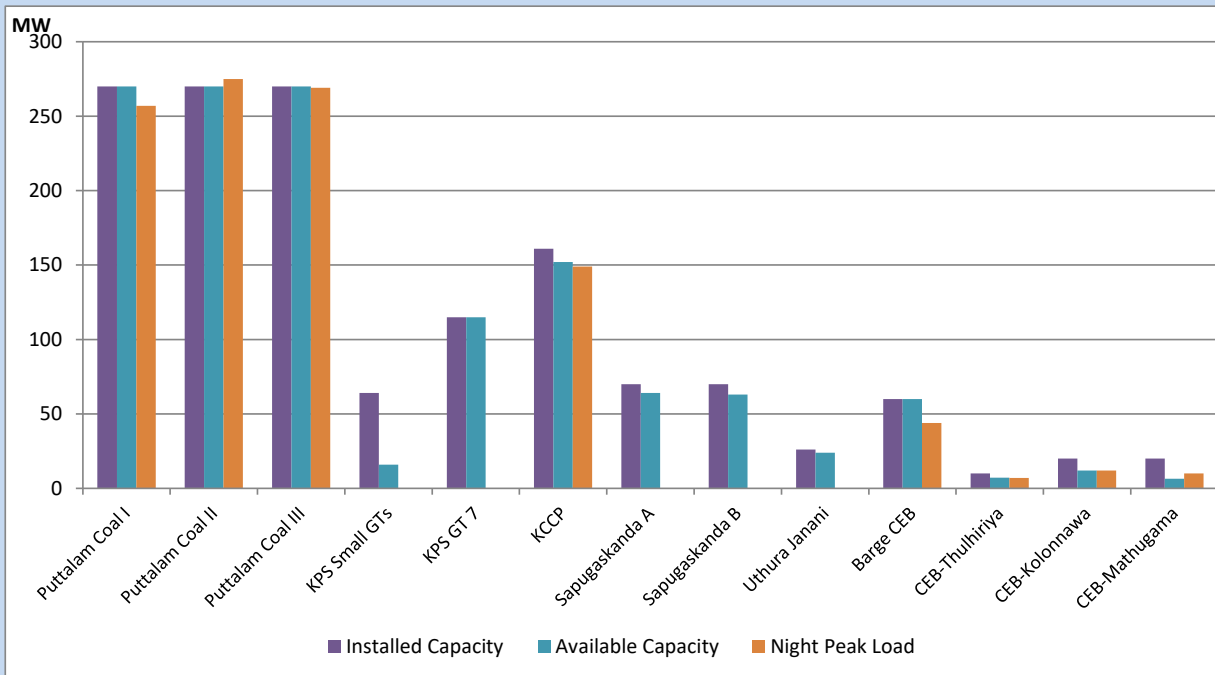
April 16, 2022



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

April 17, 2022

CEB owned Thermal Plant Loading at the Night Peak



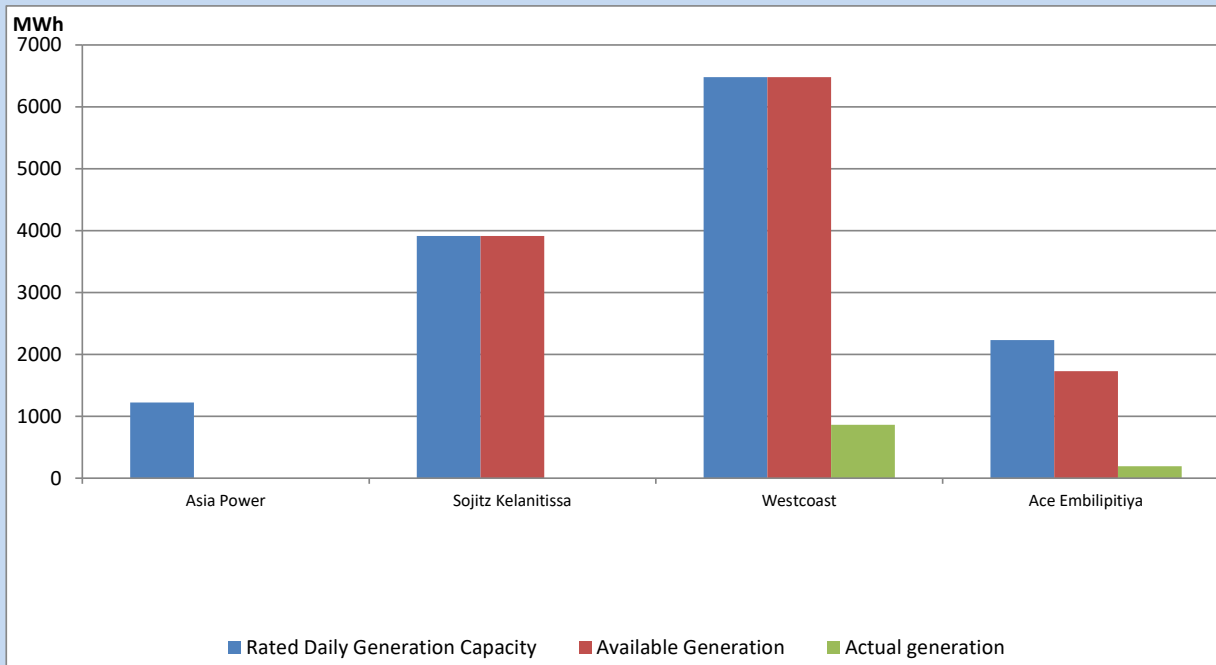
Note- Plant availability is recorded at 6.00 am on

April 17, 2022

IPP owned Thermal Plant Dispatch

April 16, 2022

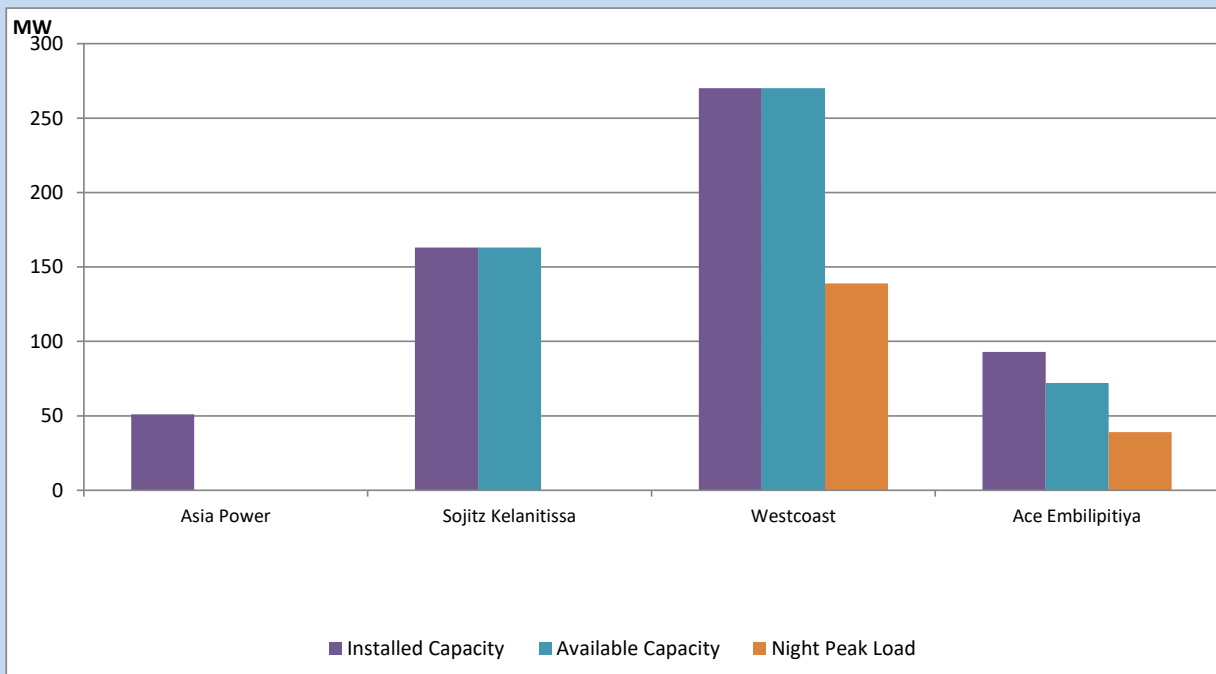
ACE Matara, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

April 17, 2022

IPP owned Thermal Plant Loading at the Night Peak

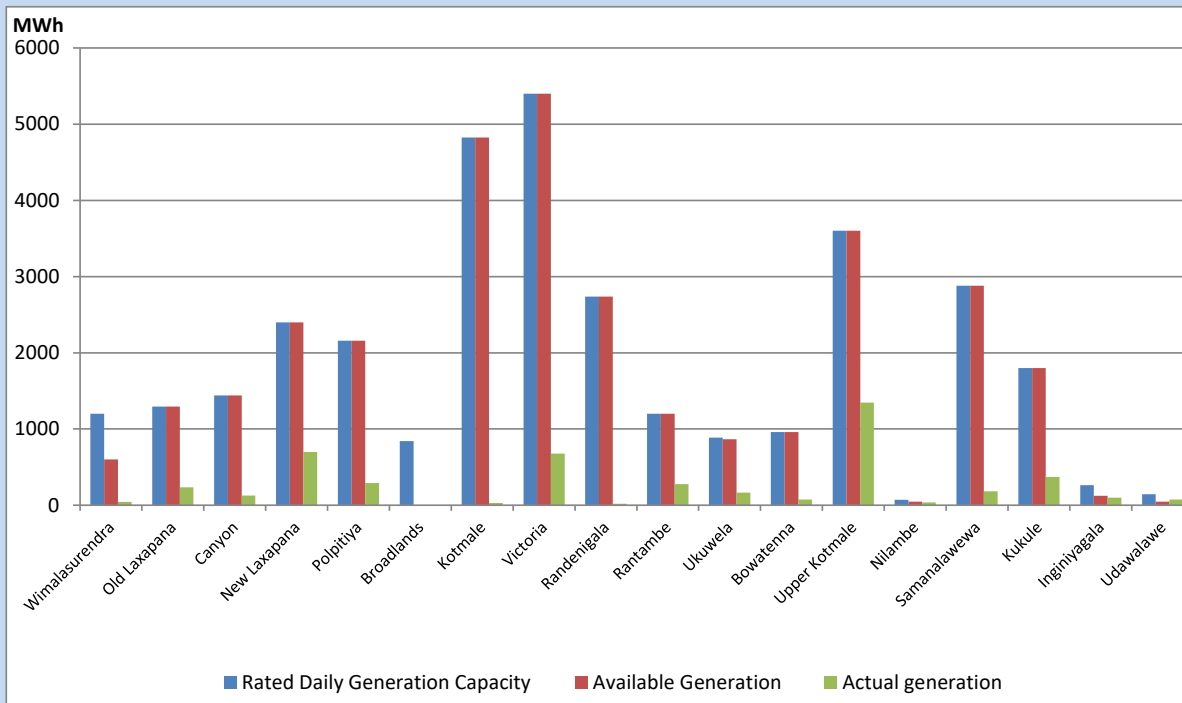


Note- Plant availability is recorded at 6.00 am on

April 17, 2022

Major Hydro Plant Dispatch

April 16, 2022

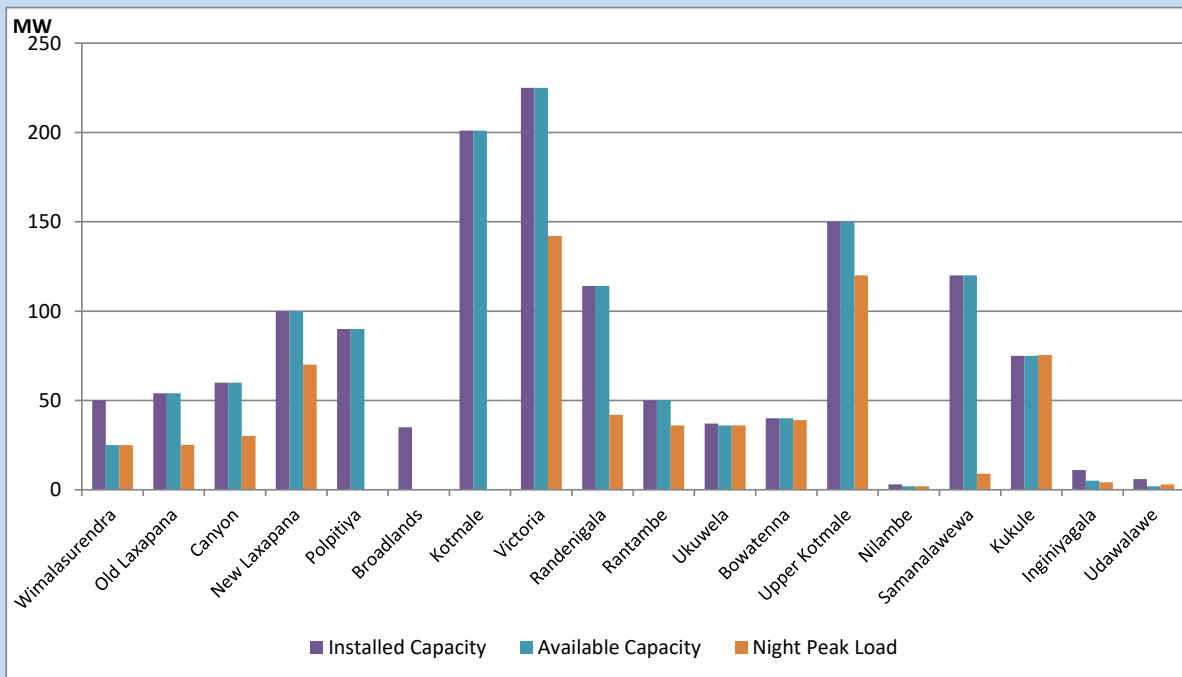


Available Generation is estimated based on plant availability at 6.00am on April 17, 2022
 Broadlands power plant is operating in the Commissioning Stage

April 17, 2022

Major Hydro Plant Loading at Night Peak

April 16, 2022



Note- Plant availability is recorded at 6.00 am on April 17, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

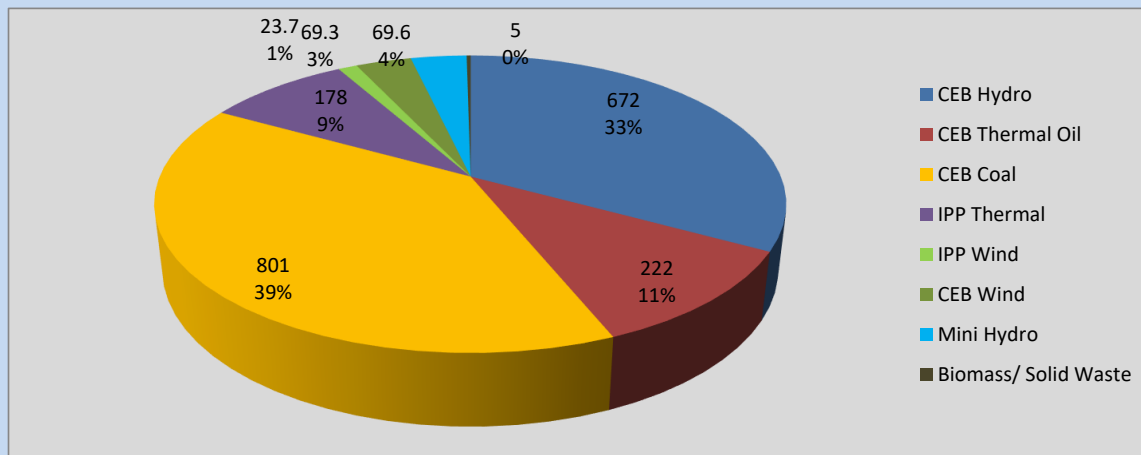
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	44
Old Laxapana	54	54	25	234
Canyon	60	60	30	128
New Laxapana	100	100	70	697
Polpitiya	90	90	0	291
Broadlands	35	0	0	0
Kotmale	201	201	0	30
Victoria	225	225	142	676
Randenigala	114	114	42	19
Rantambe	50	50	36	278
Ukuwela	37	36	36	165
Bowatenna	40	40	39	74
Upper Kotmale	150	150	120	1,347
Nilambe	3	2	2	36
Samanalawewa	120	120	9	182
Kukule	75	75	75	370
Inginiyagala	11	5	4	99
Udawalawe	6	2	3	76
Puttalam Coal I	270	270	257	5,707
Puttalam Coal II	270	270	275	5,689
Puttalam Coal III	270	270	269	5,708
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	149	3,476
Sapugaskanda A	70	64	0	0
Sapugaskanda B	70	63	0	0
Uthura Janani	26	24	0	0
Barge CEB	60	60	44	255
CEB-Thulhiriya	10	7	7	34
CEB-Kolonnawa	20	12	12	52
CEB-Mathugama	20	6	10	38
Asia Power	51	0	0	0
Sojitz Kelanitissa	163	163	0	0
West Coast	270	270	139	862
ACE Embilipitiya	93	72	39	193
Total	3,424	3,184	2,027	30,499

Plant availability is the availability recorded at 6 am on

April 17, 2022

Contribution to the Night Peak in MW

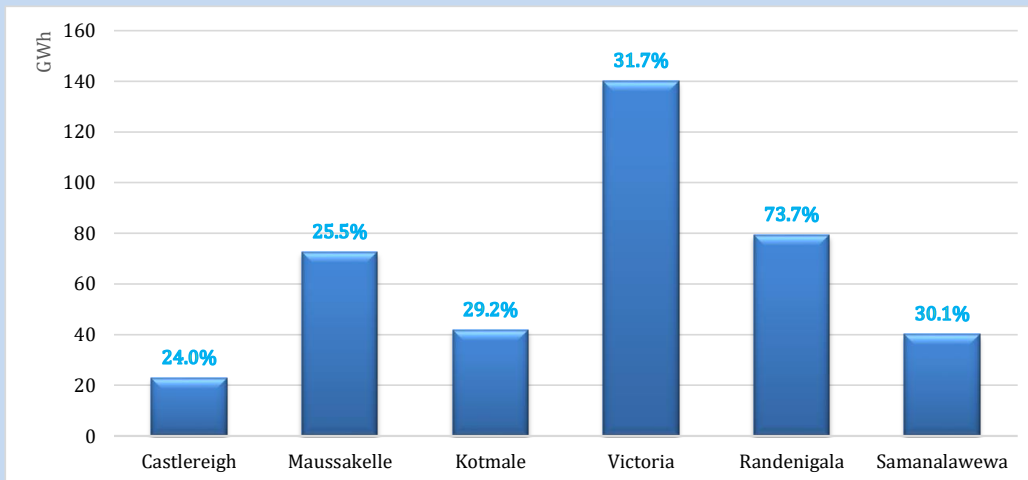
April 16, 2022



Night Peak*	2,040.3 MW
Day Peak	1,170.0 MW
Minimum Demand	865.0 MW

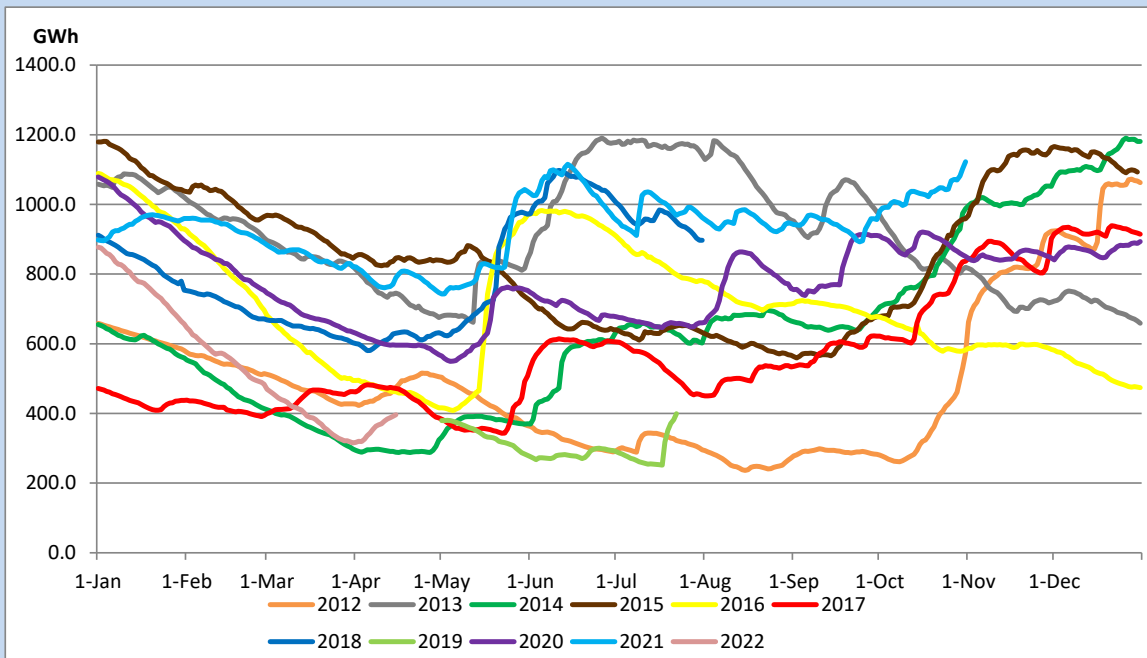
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on April 17, 2022



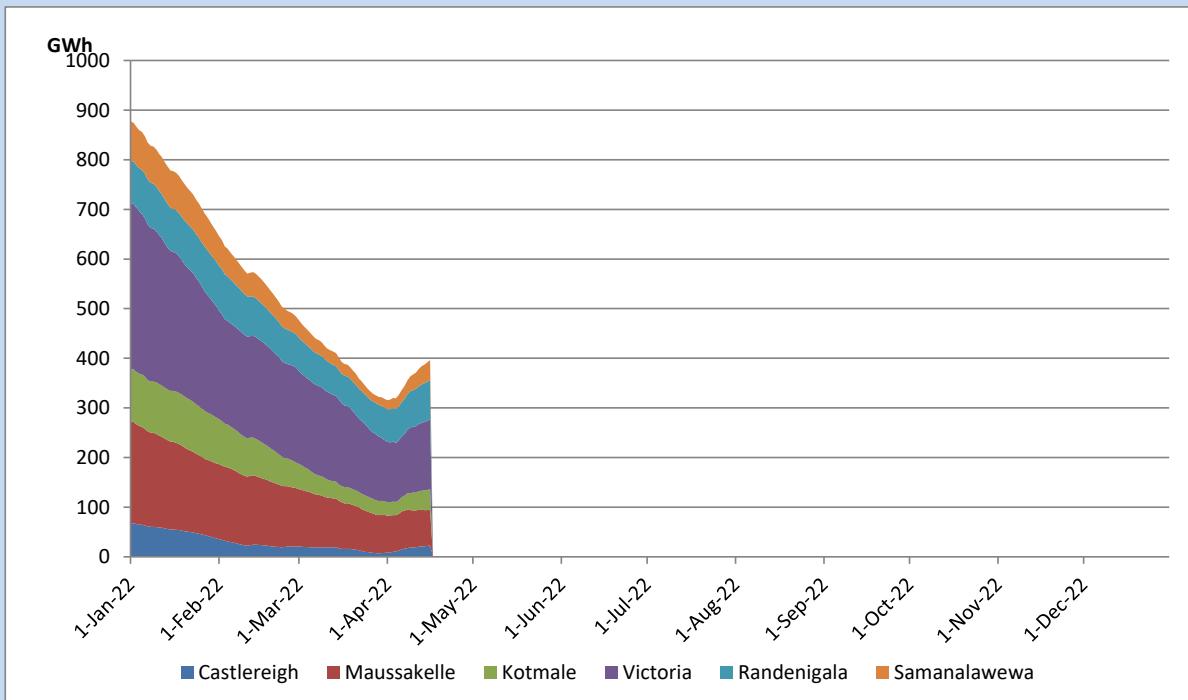
Total Reservoir Level	396.5 GWh
% of Total capacity	35.7%

Comparison of Total Reservoir Storage Levels with Past Years

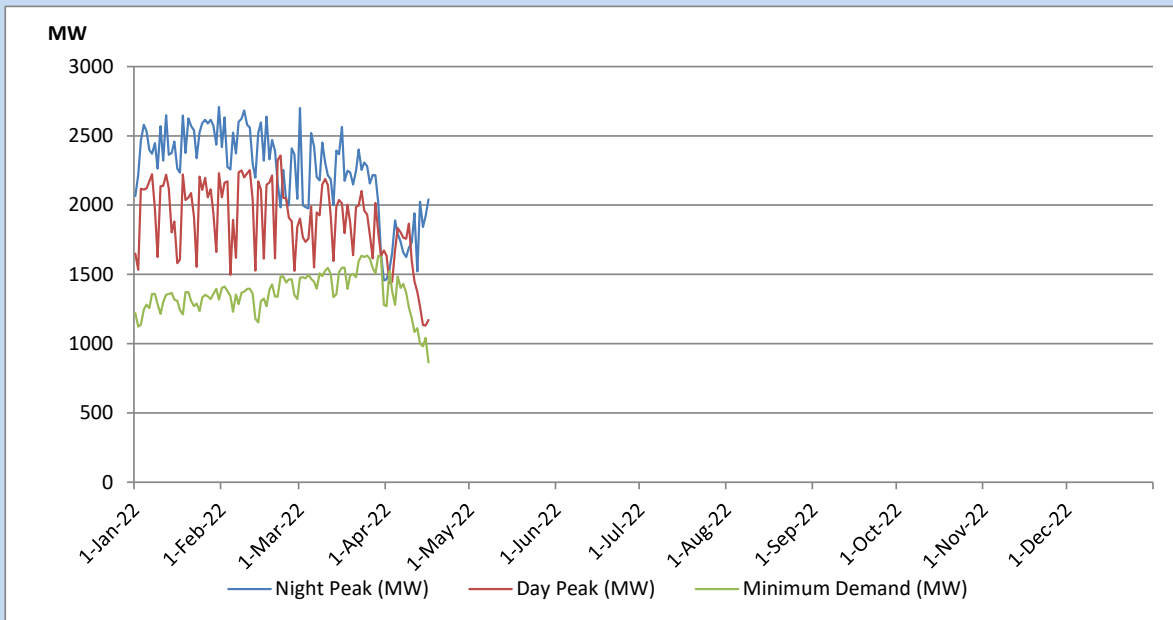


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

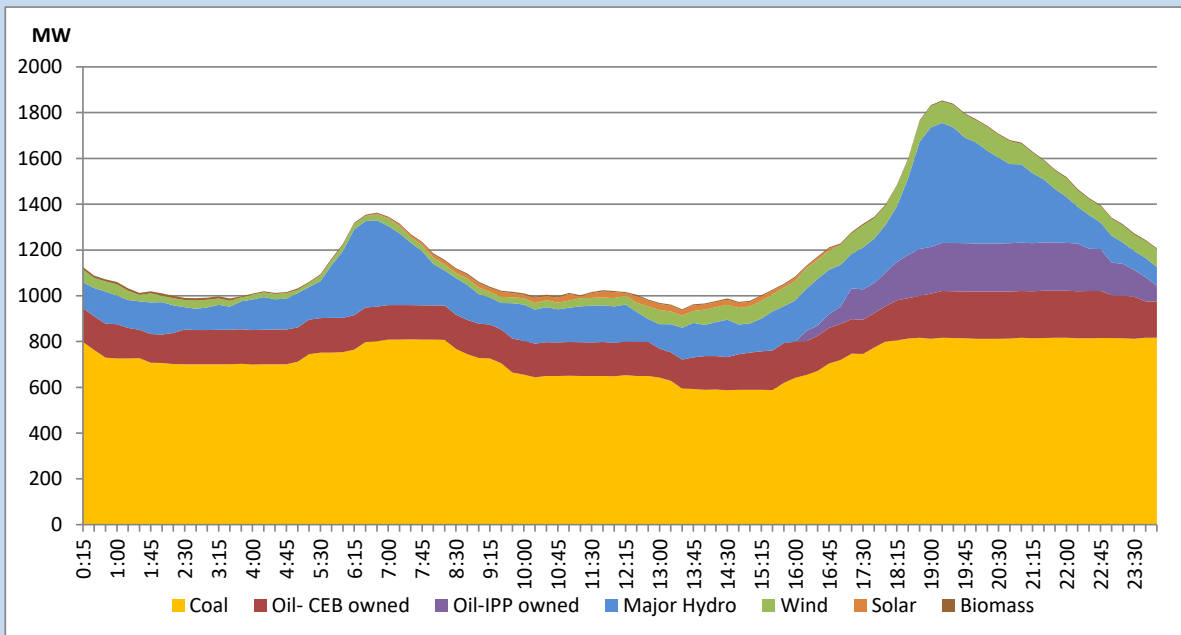


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

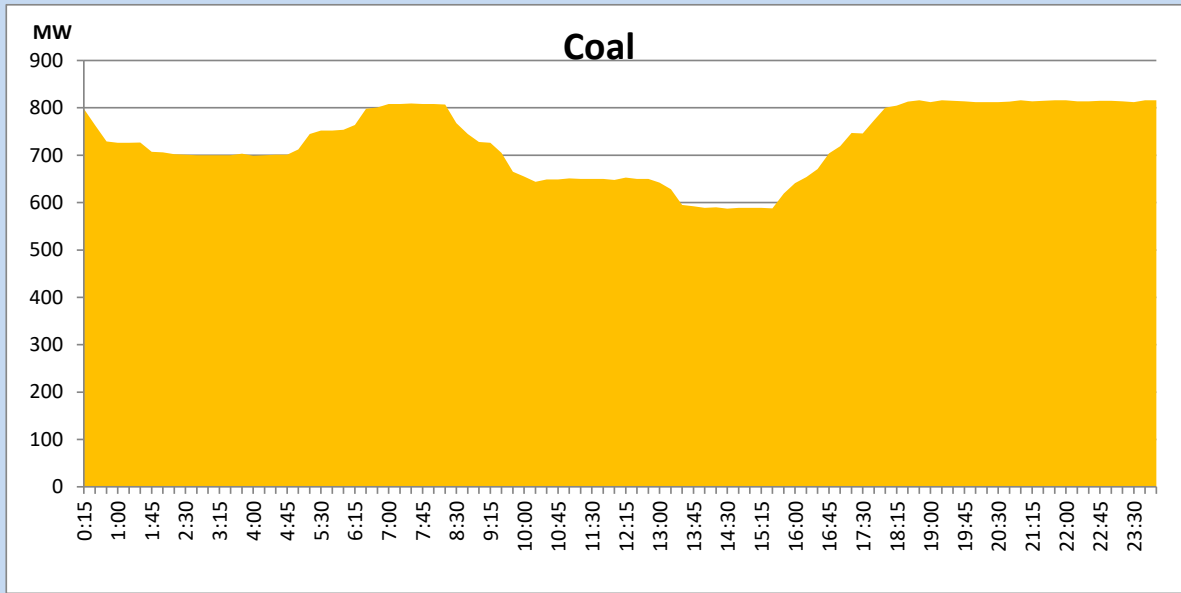
April 15, 2022

Solar and wind data is based on Telemetered Power Stations only



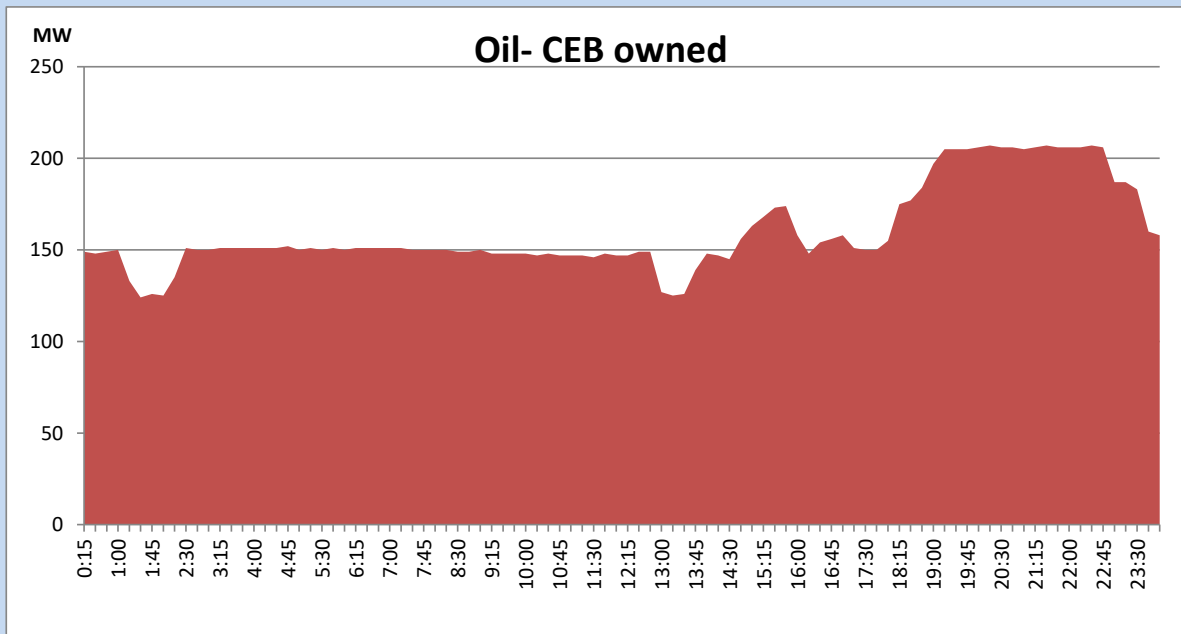
Coal Generation during the Previous day

April 15, 2022



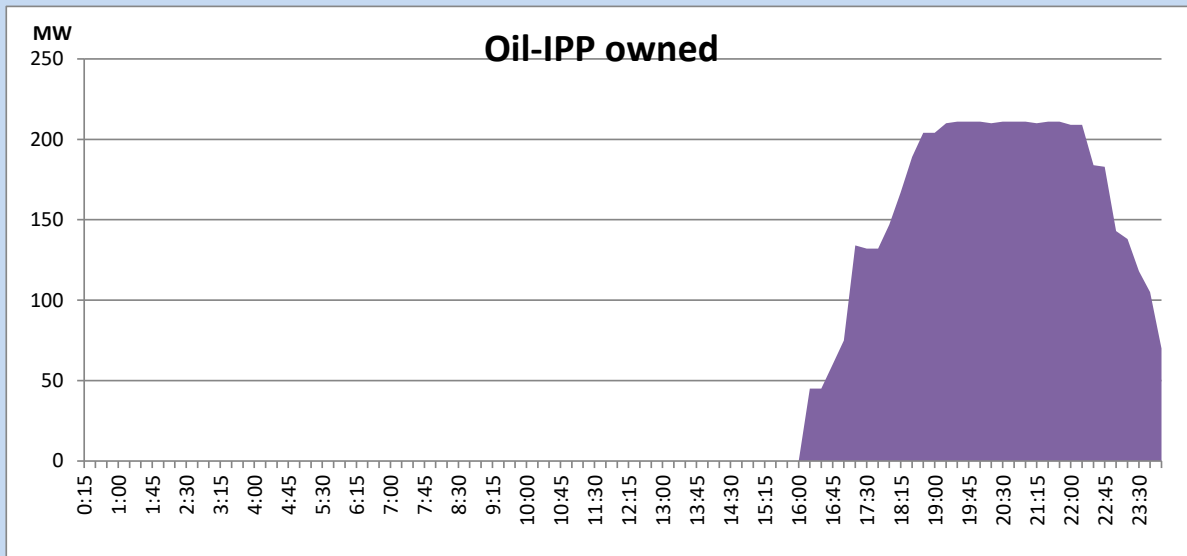
CEB Oil Plant Generation during the Previous day

April 15, 2022



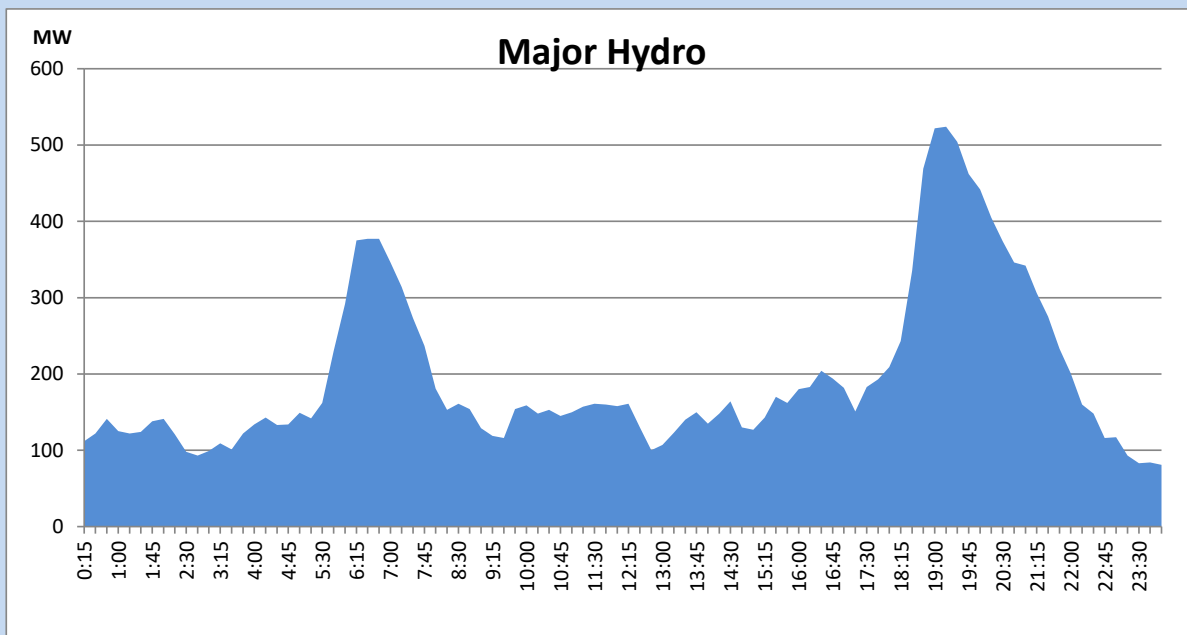
IPP Oil Plant Generation during the Previous day

April 15, 2022



Major Hydro Generation during the Previous day

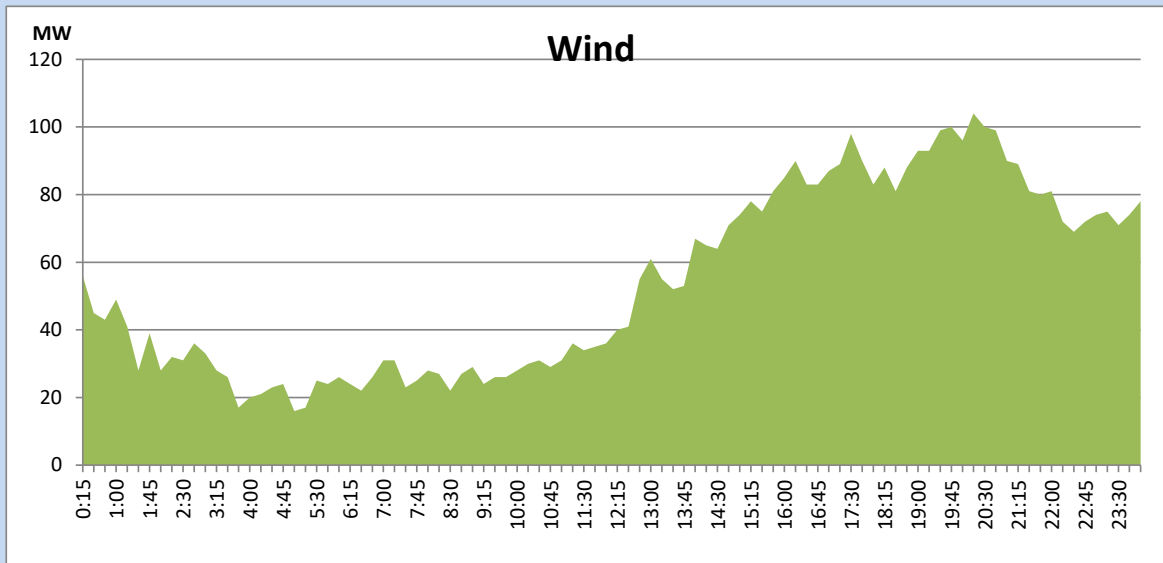
April 15, 2022



Wind Generation during the Previous day

April 15, 2022

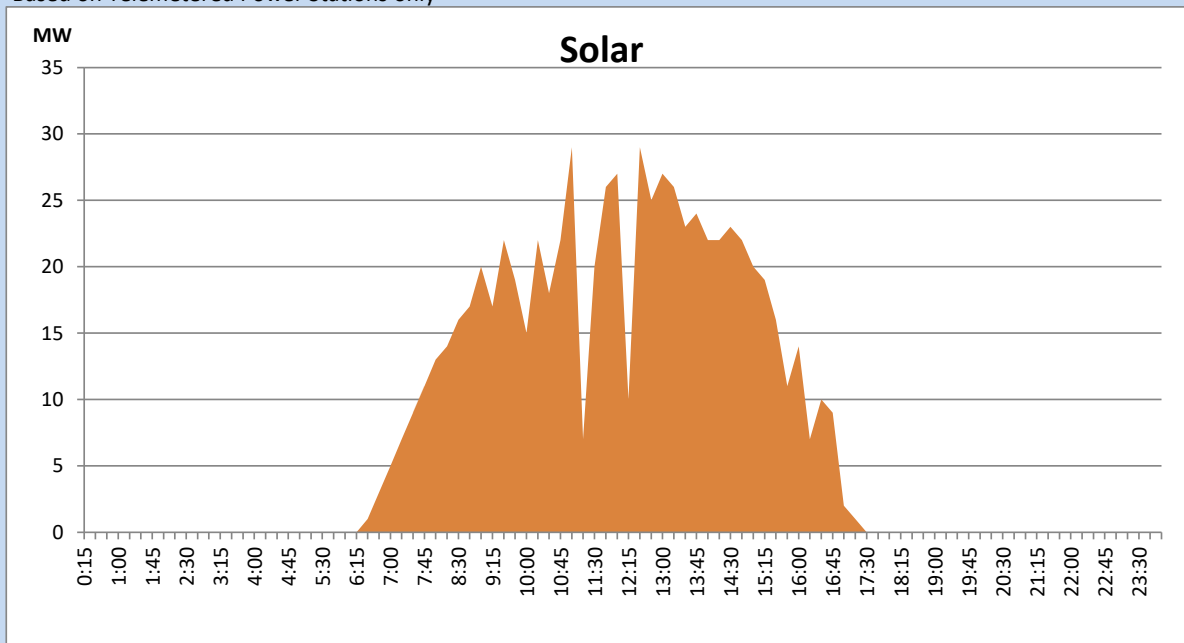
Based on Telemetered Power Stations only



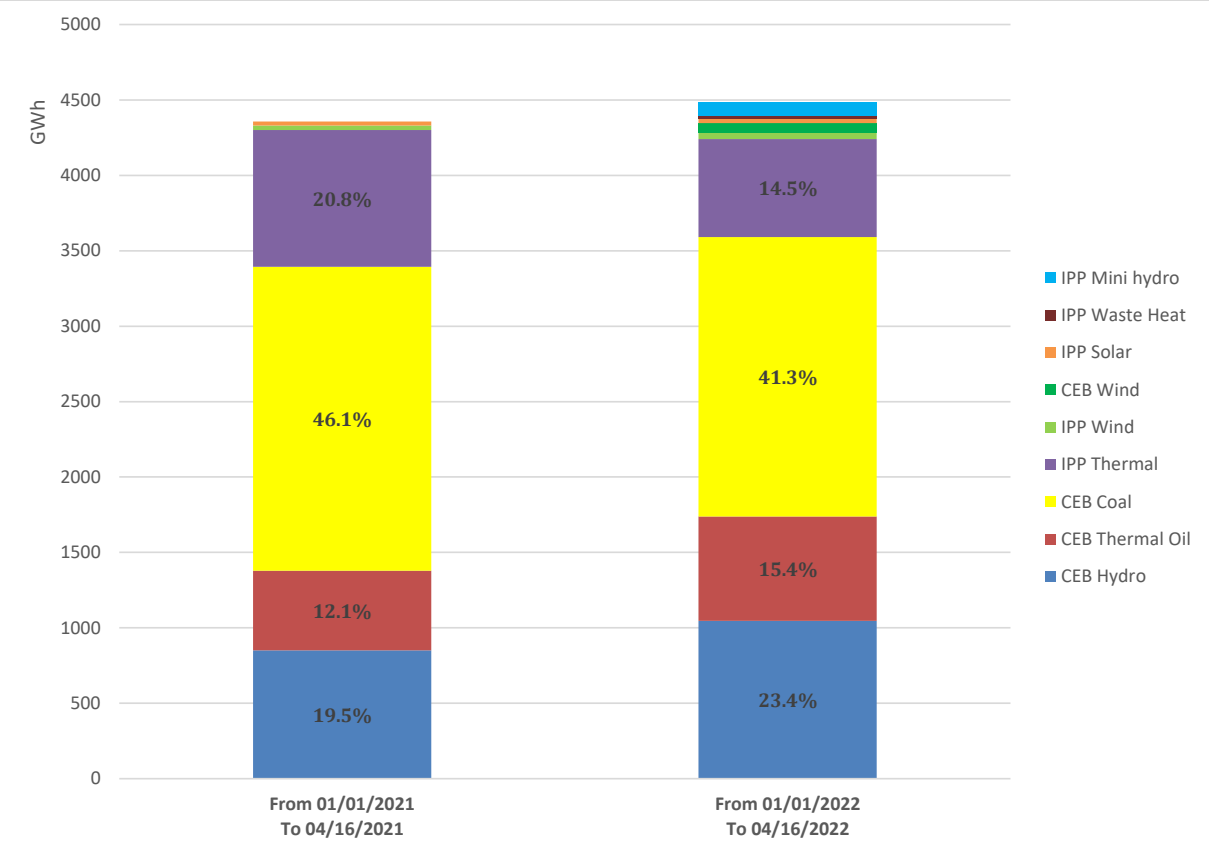
Solar Generation during the Previous day

April 15, 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 17, 2022

- 1) Kolonnawa GIS 132/33 T/F 02 tripped at 00:47hrs with alarm indication of 'mechanical tripping'. T/F 02 energized at 04:01hrs.
- 2) Rotational manual load shedding was carried out from 09:00 hrs to 18:00 hrs.