

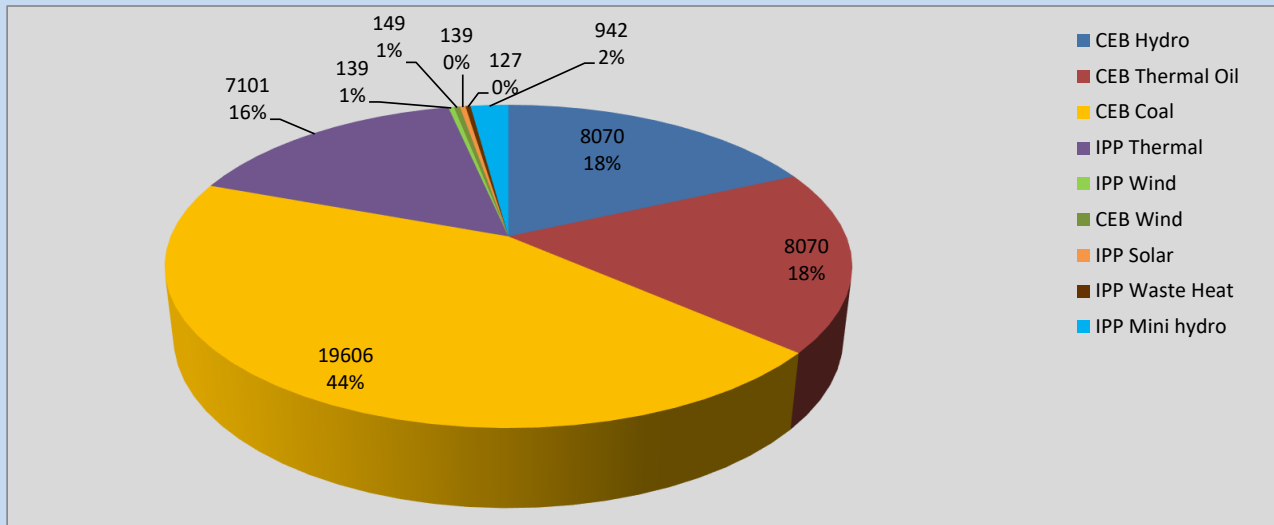
Generation and Reservoirs Statistics

April 27, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **44,511 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

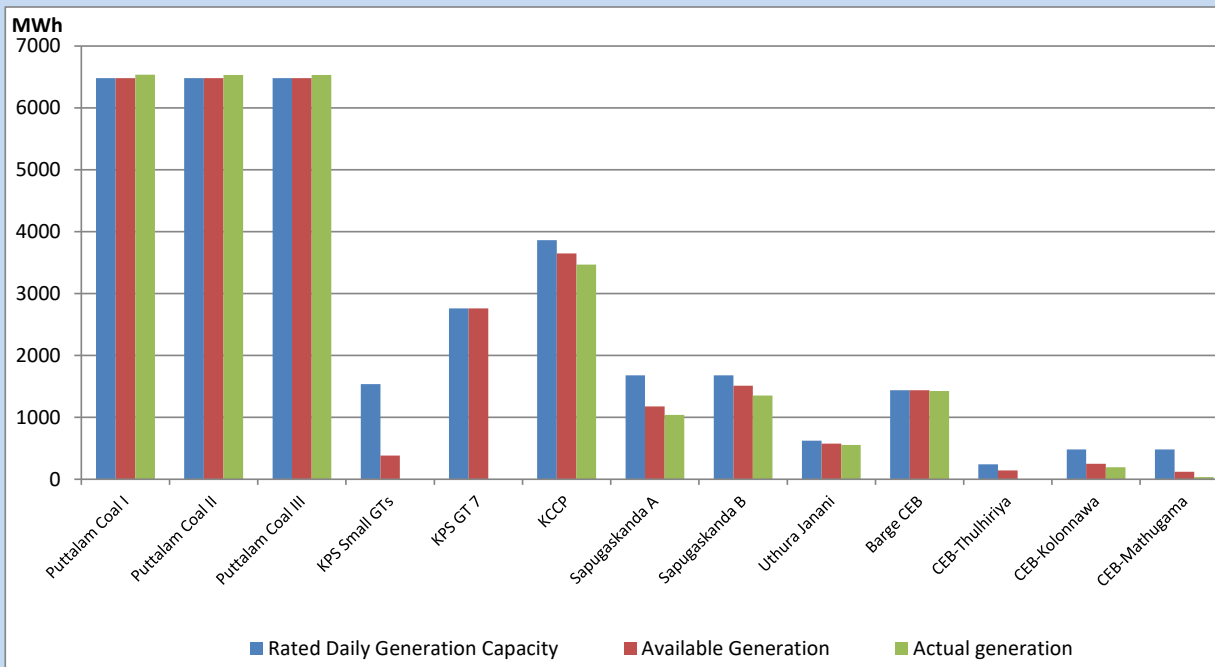
Category	Dispatch (GWh)	Percentage
CEB Hydro	195.38	19.33%
CEB Thermal Oil	121.74	12.04%
CEB Coal	513.90	50.85%
IPP Thermal	118.82	11.76%
SPP Wind	7.22	0.71%
CEB Wind	9.20	0.91%
SPP Solar	6.90	0.68%
SPP Solid Waste	5.59	0.55%
Mini Hydro	31.96	3.16%
Total	1,010.71	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,125.3	22.83%
CEB Thermal Oil	762.9	15.48%
CEB Coal	2,064.4	41.88%
IPP Thermal	711.7	14.44%
SPP Wind	49.6	1.01%
CEB Wind	63.0	1.28%
SPP Solar	30.5	0.62%
SPP Solid Waste	23.3	0.47%
Mini Hydro	98.4	2.00%
Total	4,928.8	

CEB owned Thermal Plant Dispatch

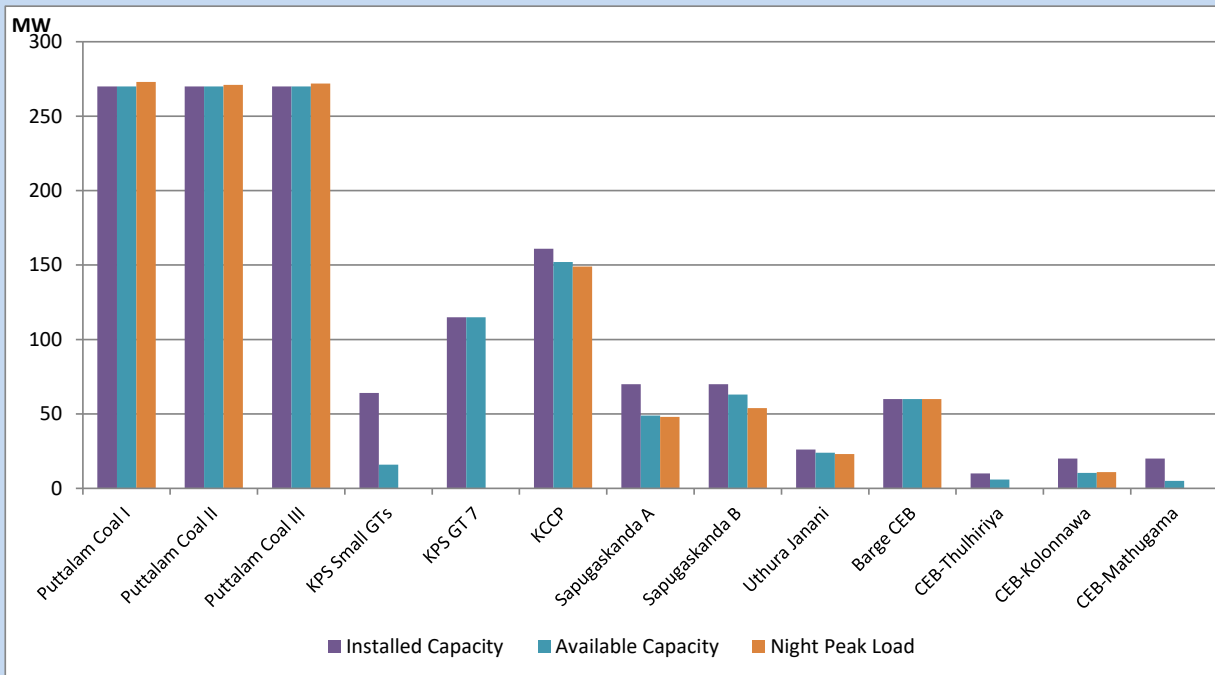
April 27, 2022



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

April 28, 2022

CEB owned Thermal Plant Loading at the Night Peak



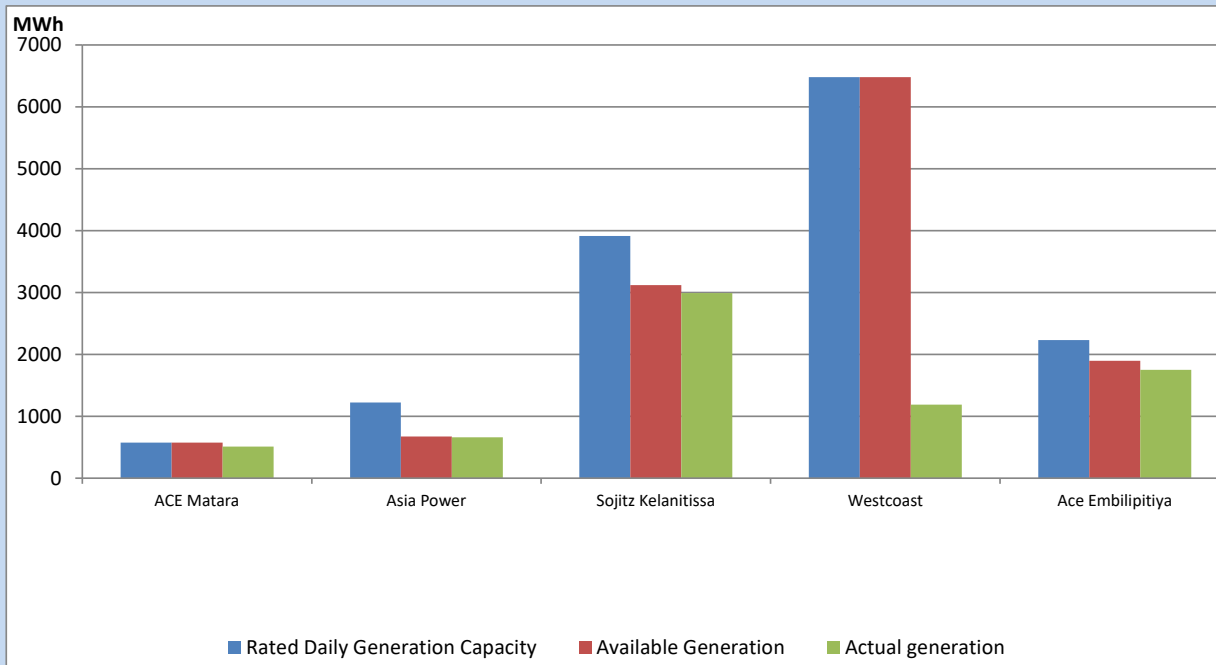
Note- Plant availability is recorded at 6.00 am on

April 28, 2022

IPP owned Thermal Plant Dispatch

April 27, 2022

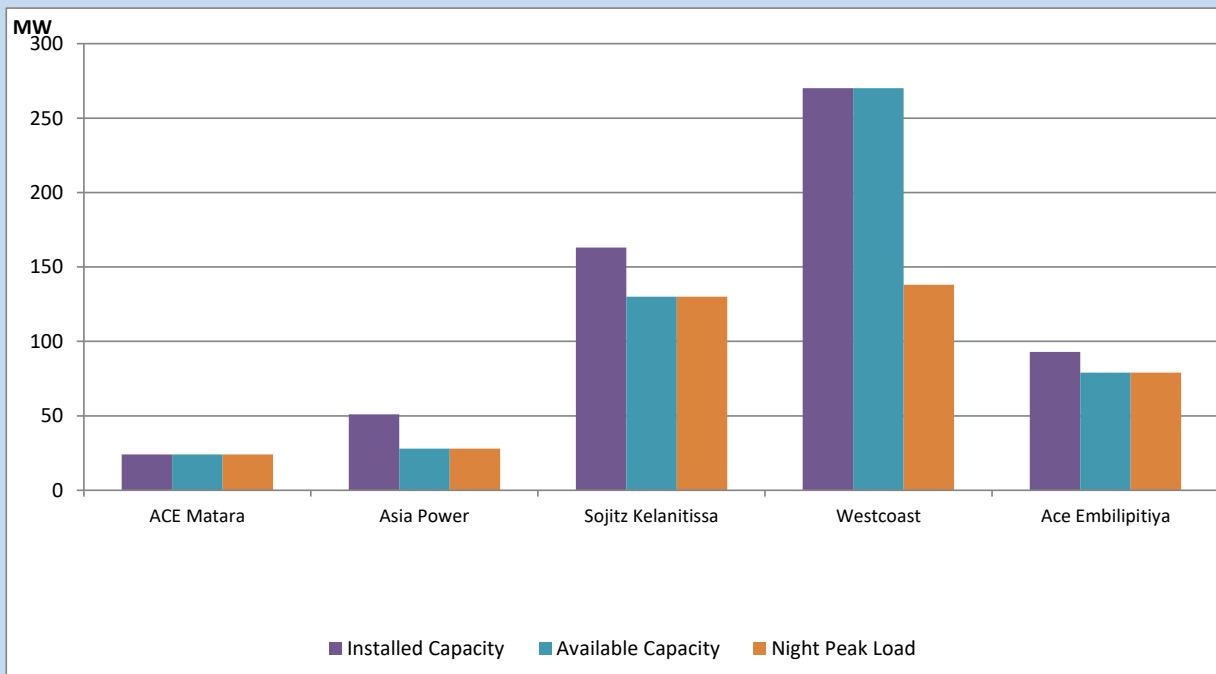
V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

April 28, 2022

IPP owned Thermal Plant Loading at the Night Peak

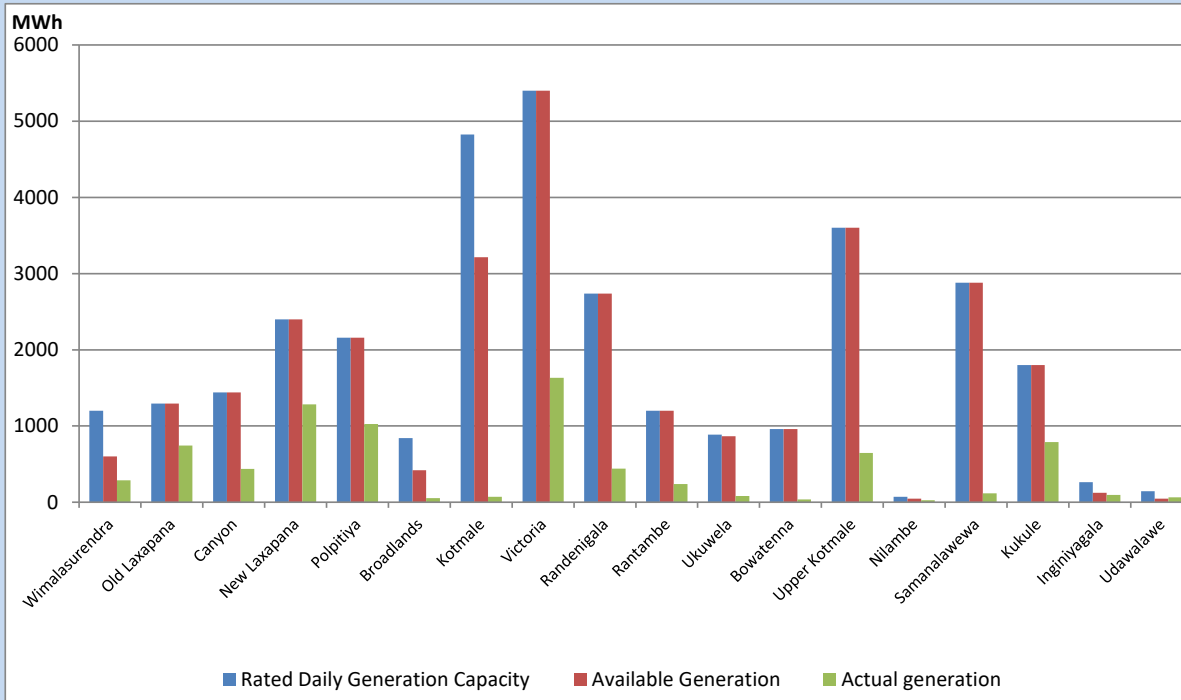


Note- Plant availability is recorded at 6.00 am on

April 28, 2022

Major Hydro Plant Dispatch

April 27, 2022

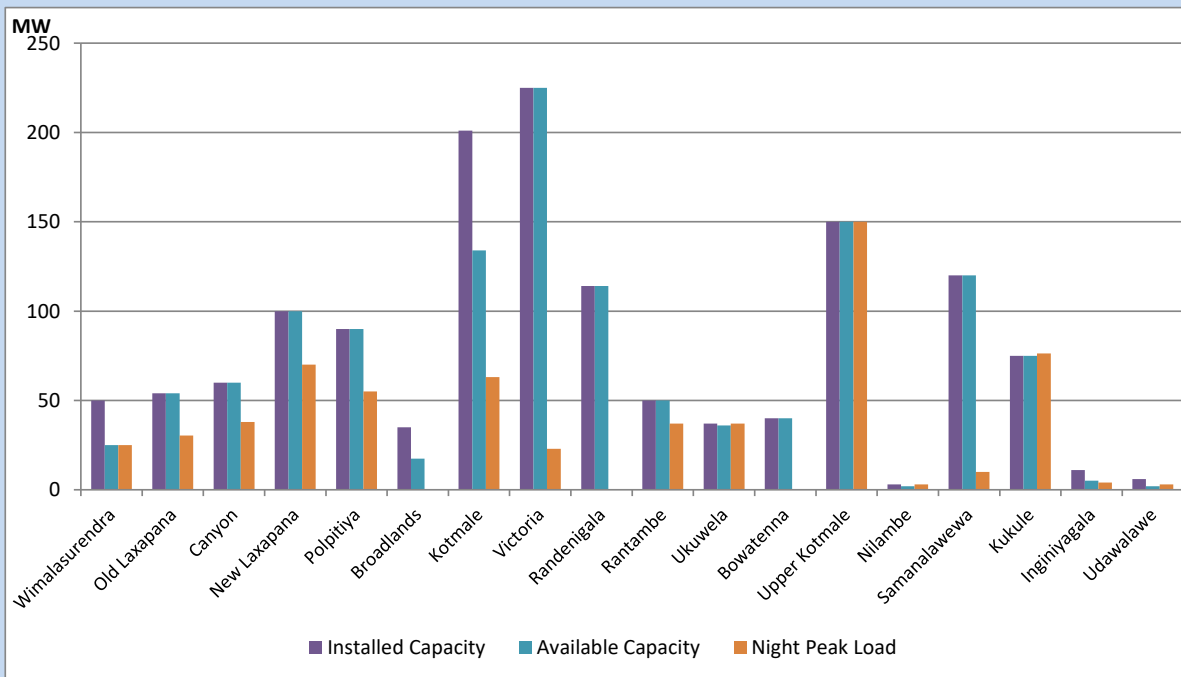


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

April 28, 2022

Major Hydro Plant Loading at Night Peak

April 27, 2022



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

April 28, 2022

Summary of Major Plant performance

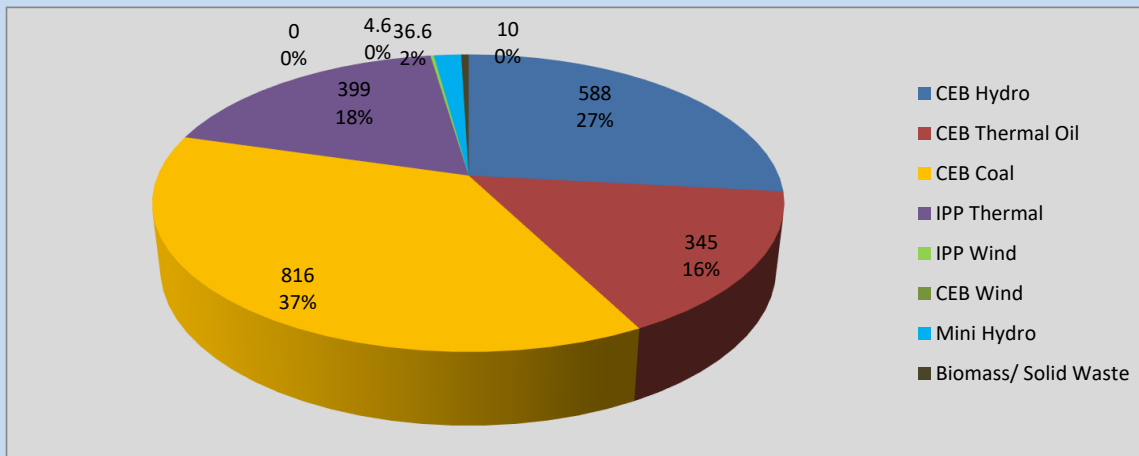
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	288
Old Laxapana	54	54	30	745
Canyon	60	60	38	437
New Laxapana	100	100	70	1,285
Polpitiya	90	90	55	1,026
Broadlands	35	18	0	53
Kotmale	201	134	63	70
Victoria	225	225	23	1,632
Randenigala	114	114	0	440
Rantambe	50	50	37	239
Ukuwela	37	36	37	81
Bowatenna	40	40	0	37
Upper Kotmale	150	150	150	647
Nilambe	3	2	3	26
Samanalawewa	120	120	10	116
Kukule	75	75	76	788
Inginiyagala	11	5	4	97
Udawalawe	6	2	3	63
Puttalam Coal I	270	270	273	6,536
Puttalam Coal II	270	270	271	6,535
Puttalam Coal III	270	270	272	6,535
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	149	3,469
Sapugaskanda A	70	49	48	1,041
Sapugaskanda B	70	63	54	1,354
Uthura Janani	26	24	23	553
Barge CEB	60	60	60	1,426
CEB-Thulhiriya	10	6	0	0
CEB-Kolonnawa	20	10	11	193
CEB-Mathugama	20	5	0	34
ACE Matara	24	24	24	511
Asia Power	51	28	28	659
Sojitz Kelanitissa	163	130	130	2,991
West Coast	270	270	138	1,187
ACE Embilipitiya	93	79	79	1,753
Total	3,448	3,141	2,236	44,511

Plant availability is the availability recorded at 6 am on

April 28, 2022

Contribution to the Night Peak in MW

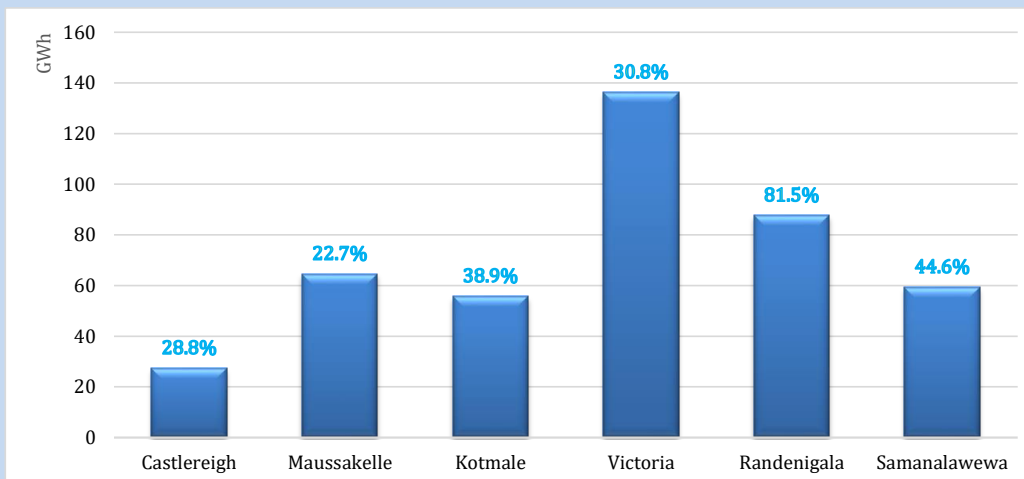
April 27, 2022



Night Peak*	2,199.0 MW
Day Peak	2,018.4 MW
Minimum Demand	1,517.5 MW

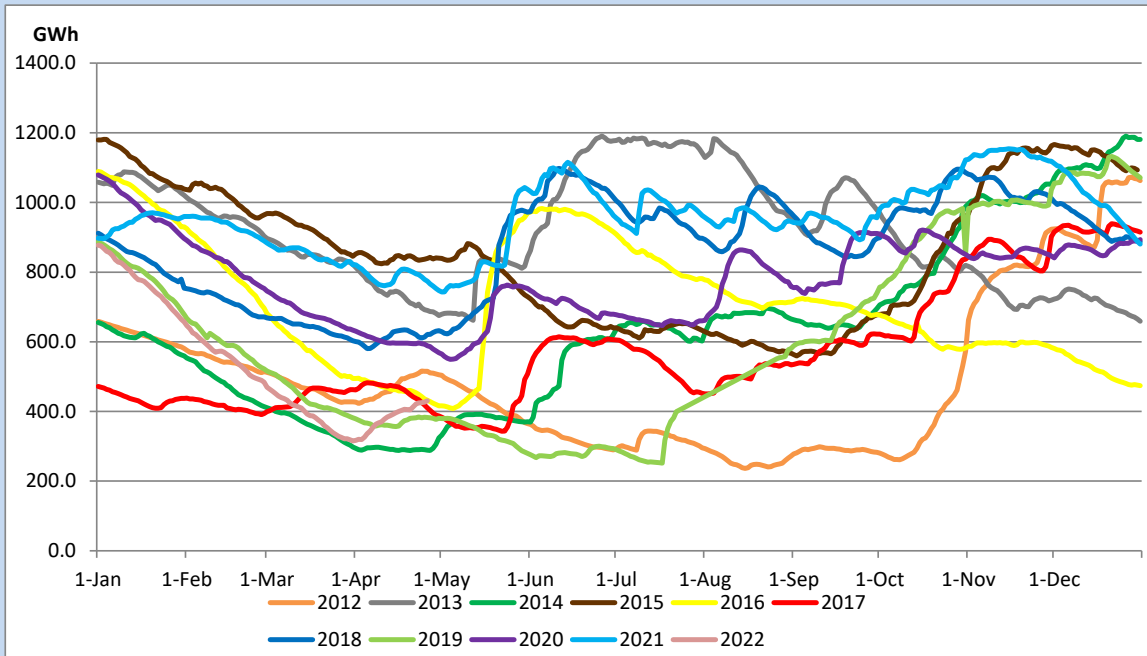
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

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



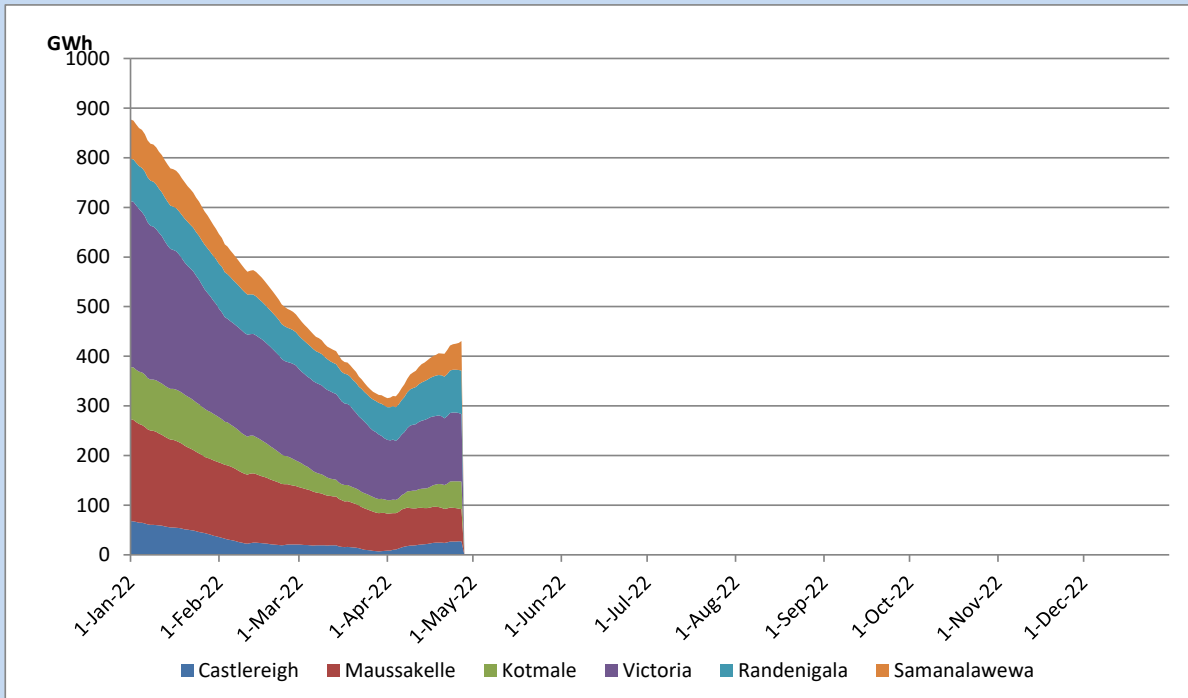
Total Reservoir Level	430.6 GWh
% of Total capacity	41.2%

Comparison of Total Reservoir Storage Levels with Past Years

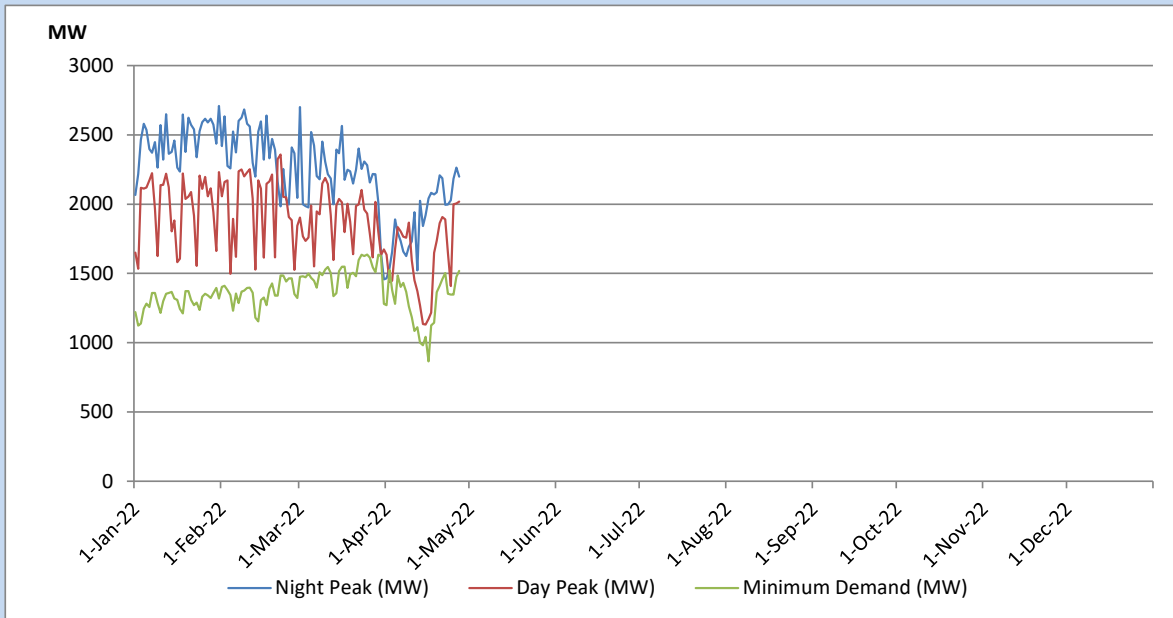


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

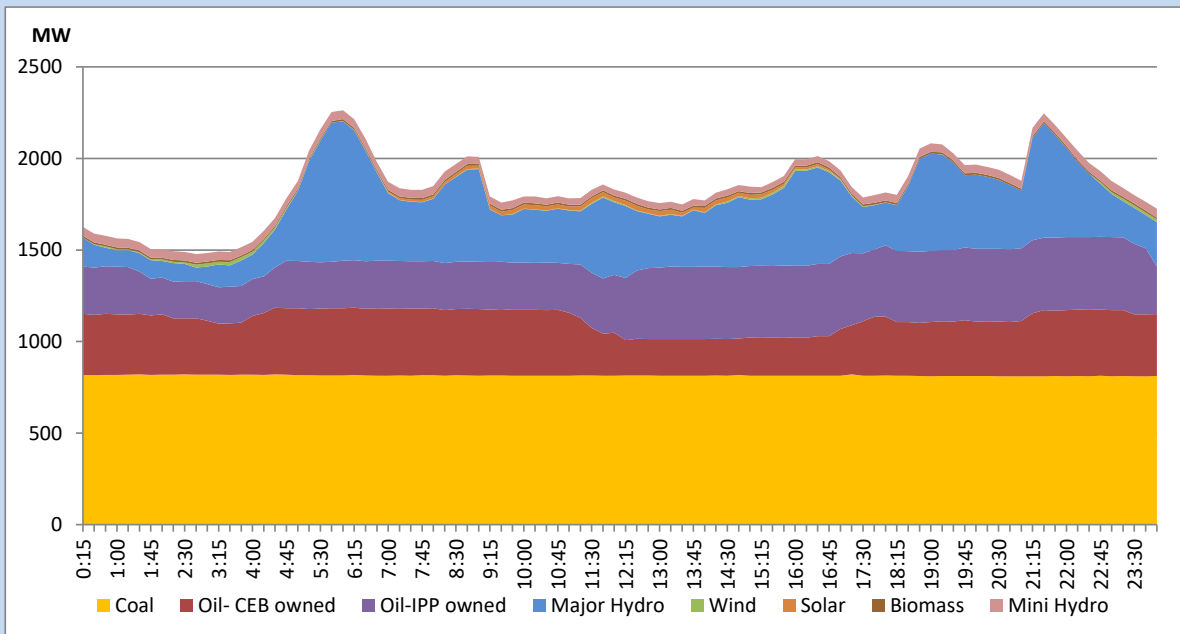


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

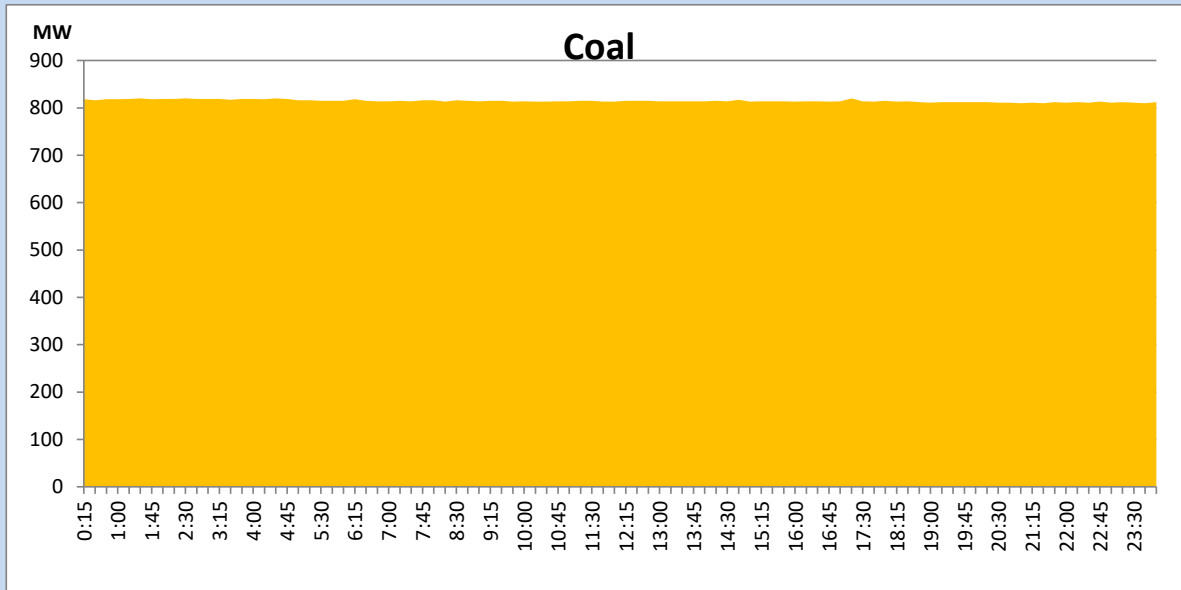
April 26, 2022

Solar and wind data is based on Telemetered Power Stations only



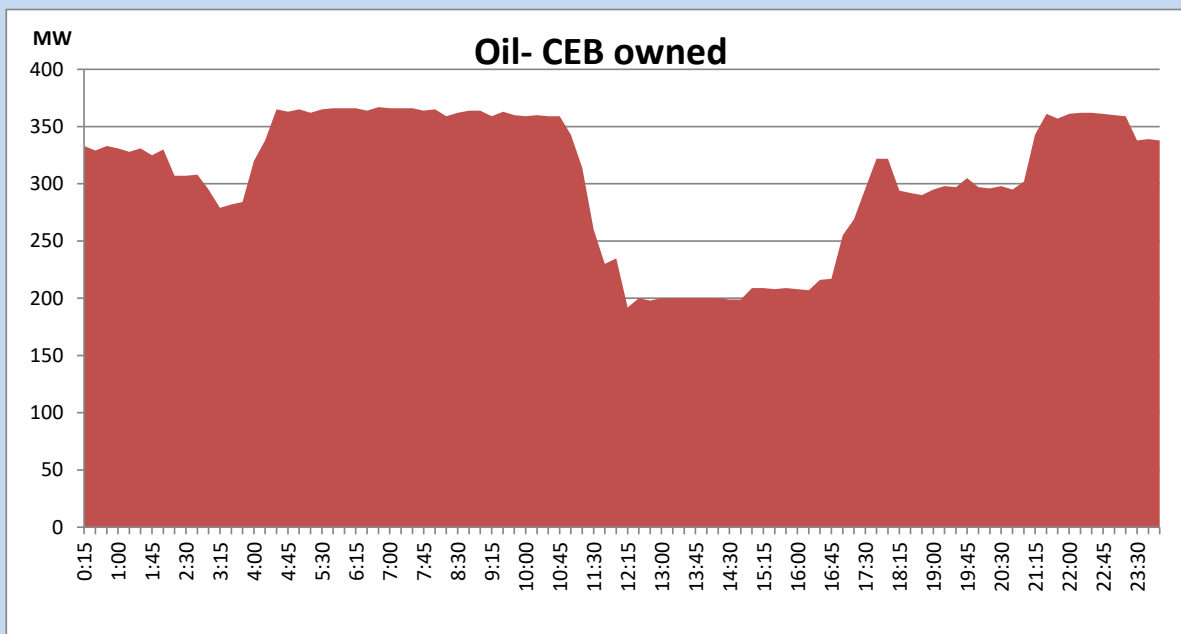
Coal Generation during the Previous day

April 26, 2022



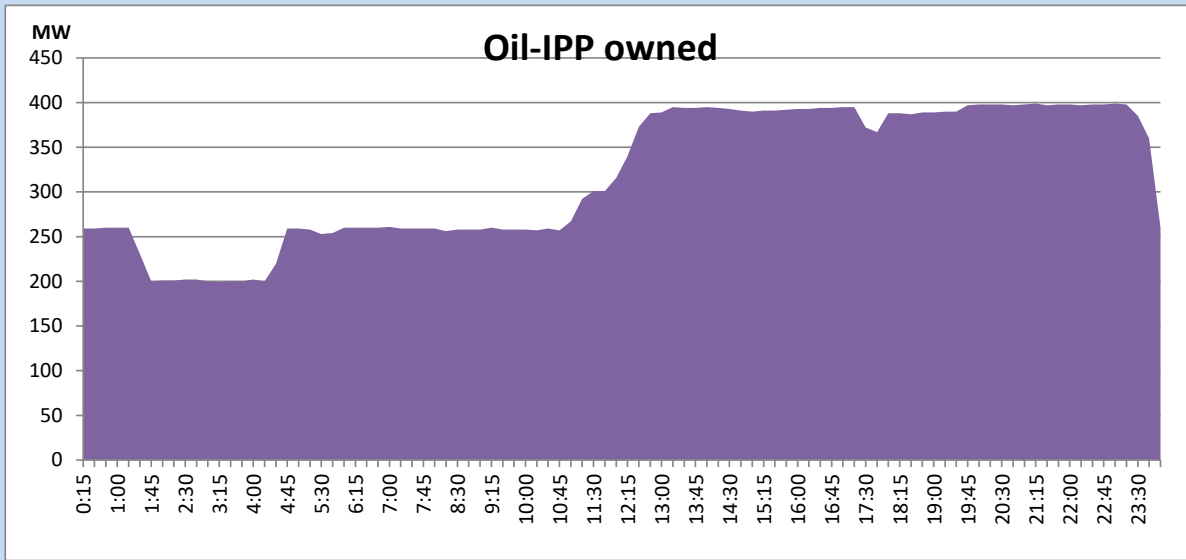
CEB Oil Plant Generation during the Previous day

April 26, 2022



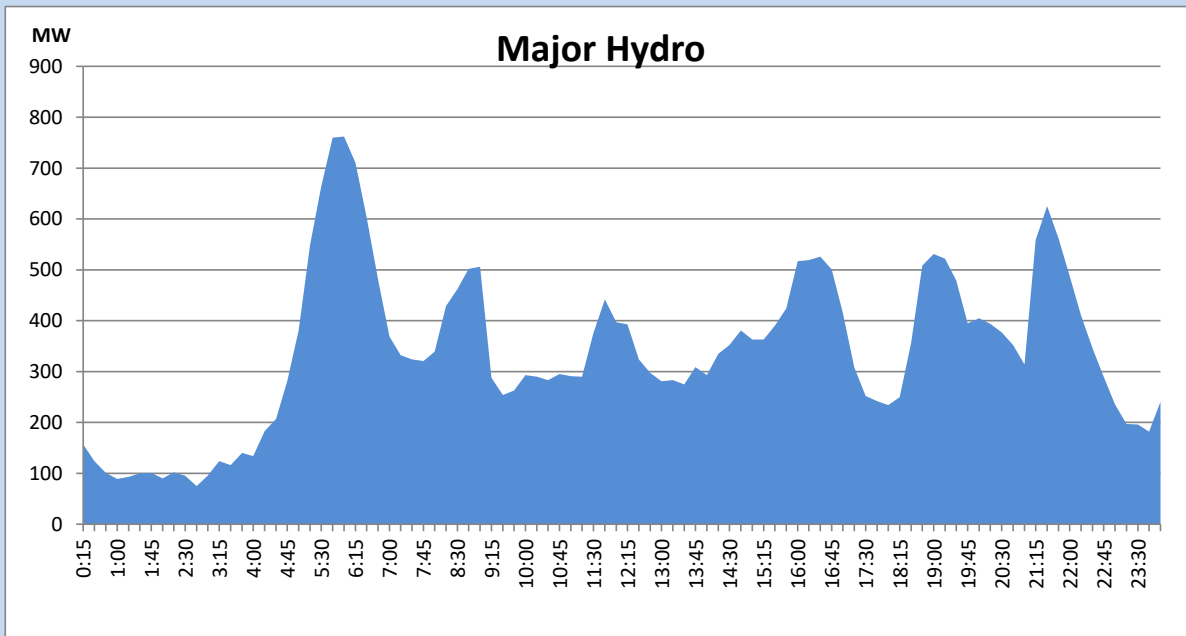
IPP Oil Plant Generation during the Previous day

April 26, 2022



Major Hydro Generation during the Previous day

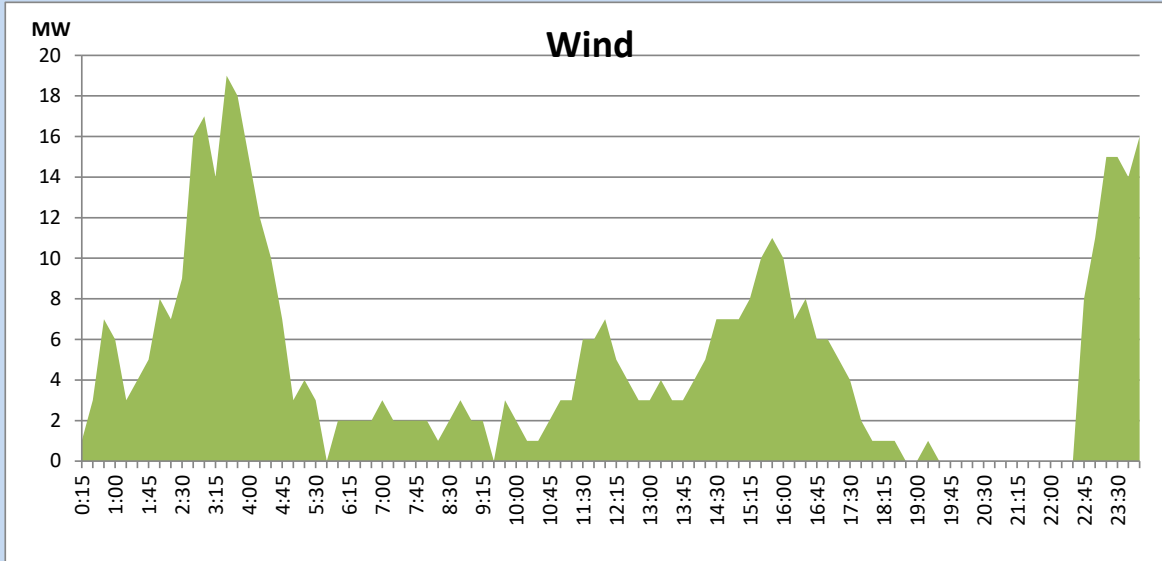
April 26, 2022



Wind Generation during the Previous day

April 26, 2022

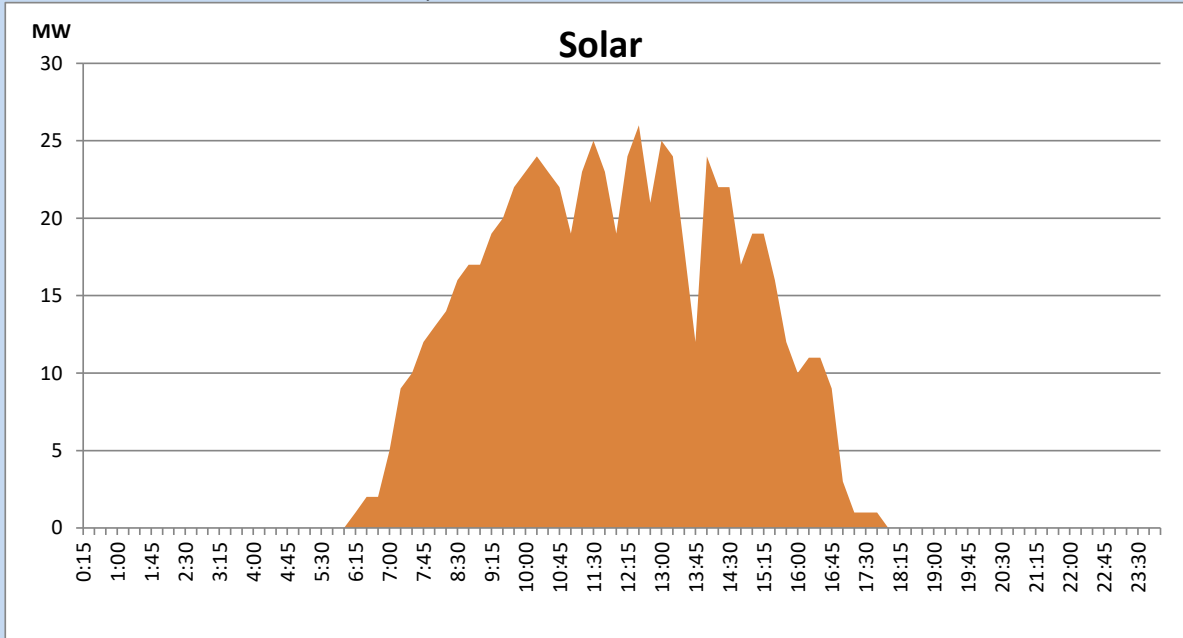
Based on Telemetered Power Stations only



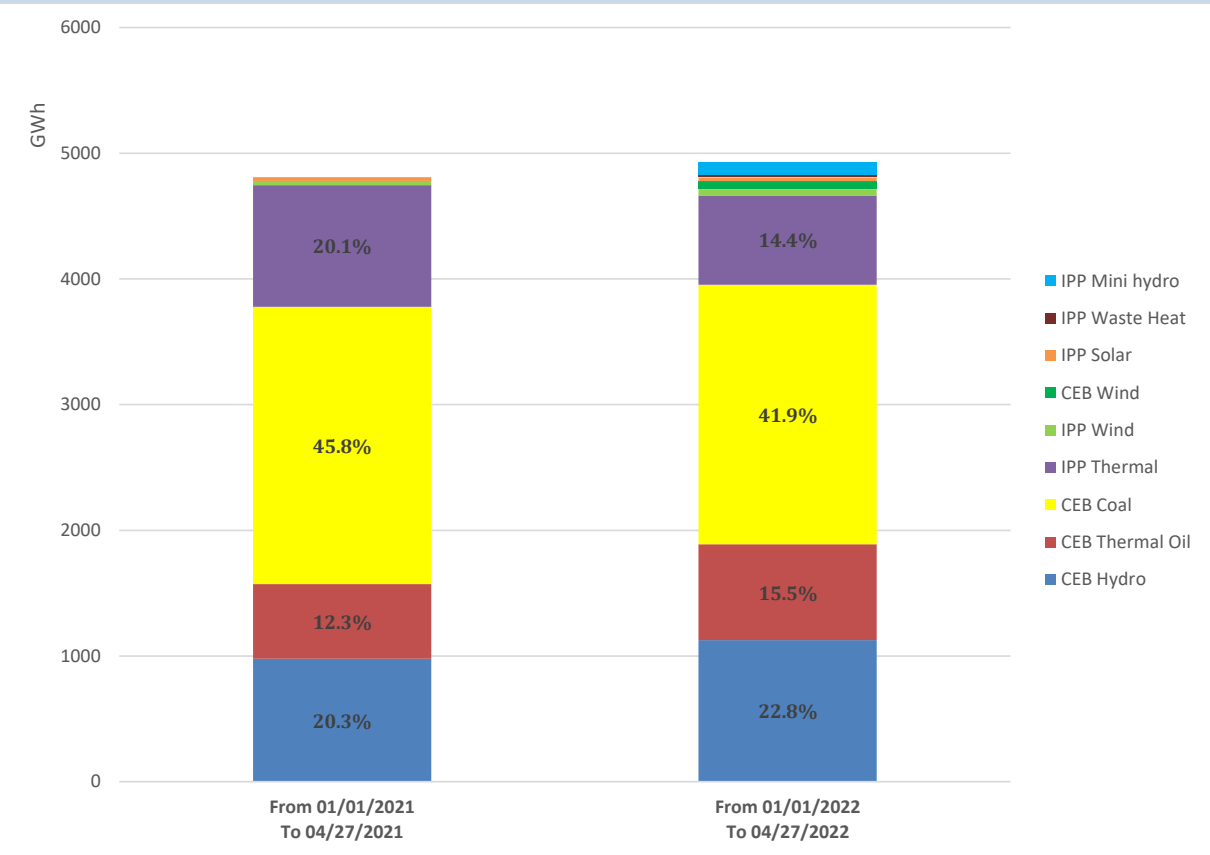
Solar Generation during the Previous day

April 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 or 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
ACE Matara	Heavy Fuel
ACE Embilipitiya	Heavy Fuel
Asia Power	Heavy Fuel

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

April 28, 2022

- 1) Rotational manual load shedding was carried out from 9:00 hrs to 21:00 hrs.
- 2) KCCP ST tripped at 21:36hrs rejecting 50MW from the system due to high vibration. KCCP ST resumed generation at 5:14hrs (28/04/2022).