

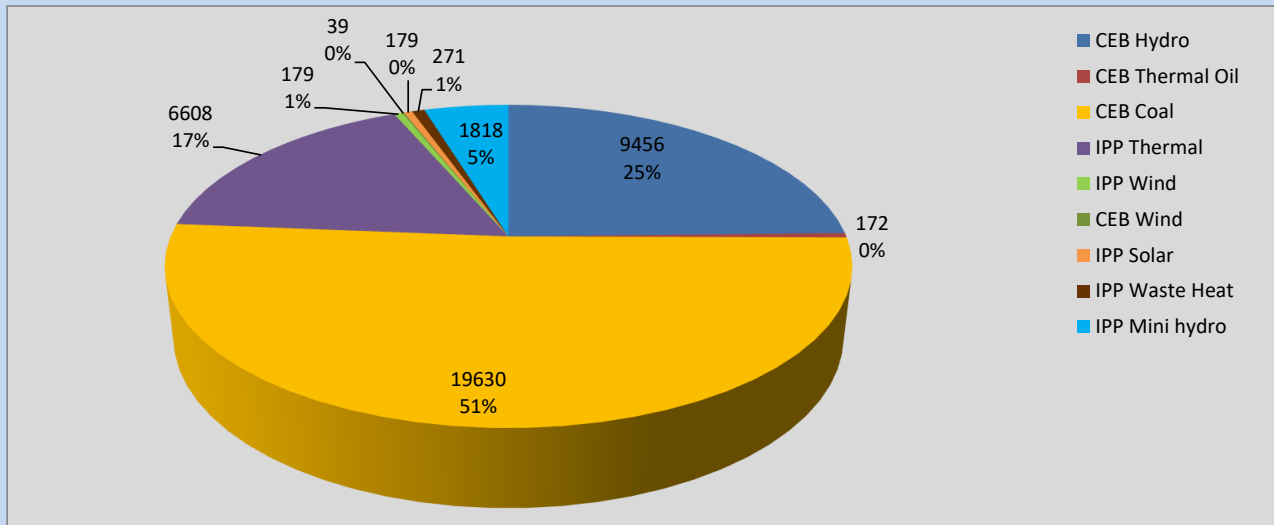
Generation and Reservoirs Statistics

April 9, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation 38,417 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

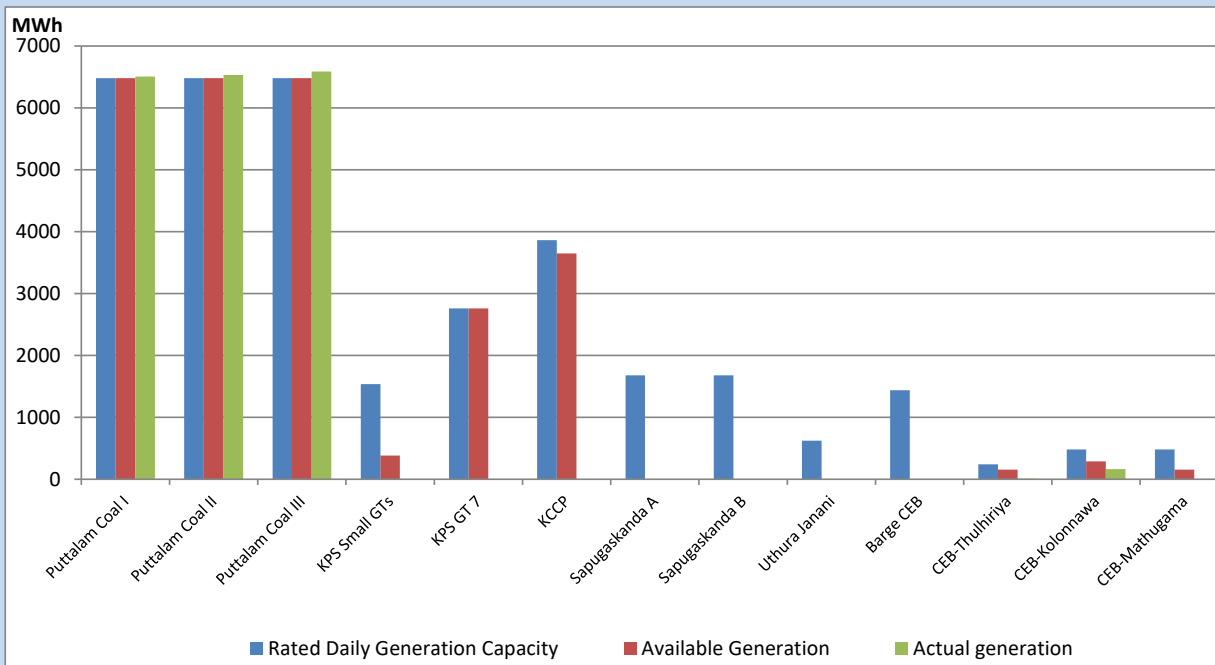
Category	Dispatch (GWh)	Percentage
CEB Hydro	70.59	20.83%
CEB Thermal Oil	28.97	8.55%
CEB Coal	176.39	52.04%
IPP Thermal	45.45	13.41%
SPP Wind	1.62	0.48%
CEB Wind	1.77	0.52%
SPP Solar	2.23	0.66%
SPP Solid Waste	2.01	0.59%
Mini Hydro	9.91	2.92%
Total	338.94	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,000.5	23.50%
CEB Thermal Oil	670.1	15.74%
CEB Coal	1,726.9	40.56%
IPP Thermal	638.4	15.00%
SPP Wind	44.0	1.03%
CEB Wind	55.5	1.30%
SPP Solar	25.9	0.61%
SPP Solid Waste	19.7	0.46%
Mini Hydro	76.3	1.79%
Total	4,257.0	

CEB owned Thermal Plant Dispatch

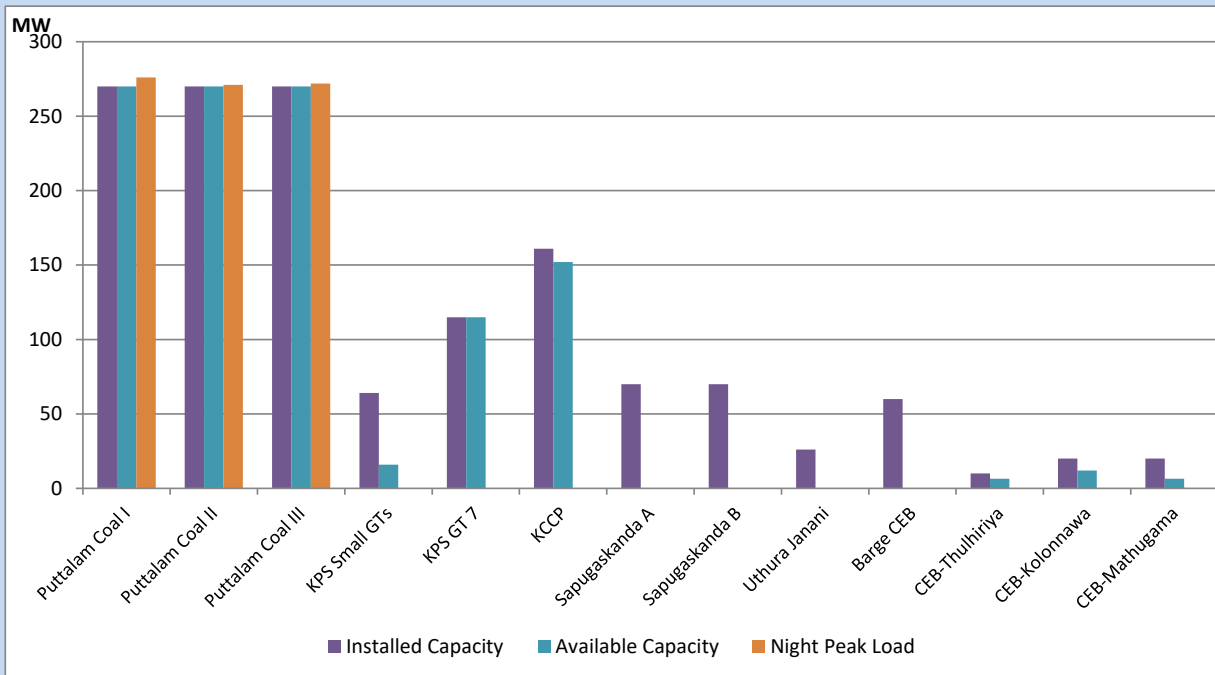
April 9, 2022



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

April 10, 2022

CEB owned Thermal Plant Loading at the Night Peak



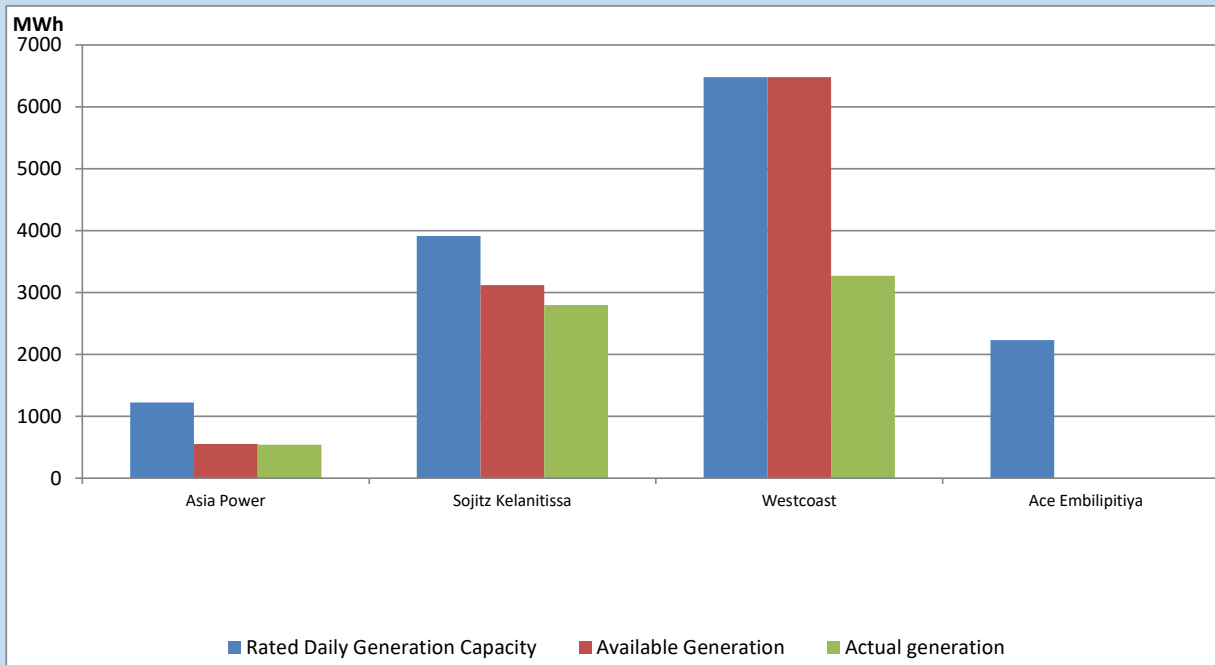
Note- Plant availability is recorded at 6.00 am on

April 10, 2022

IPP owned Thermal Plant Dispatch

April 9, 2022

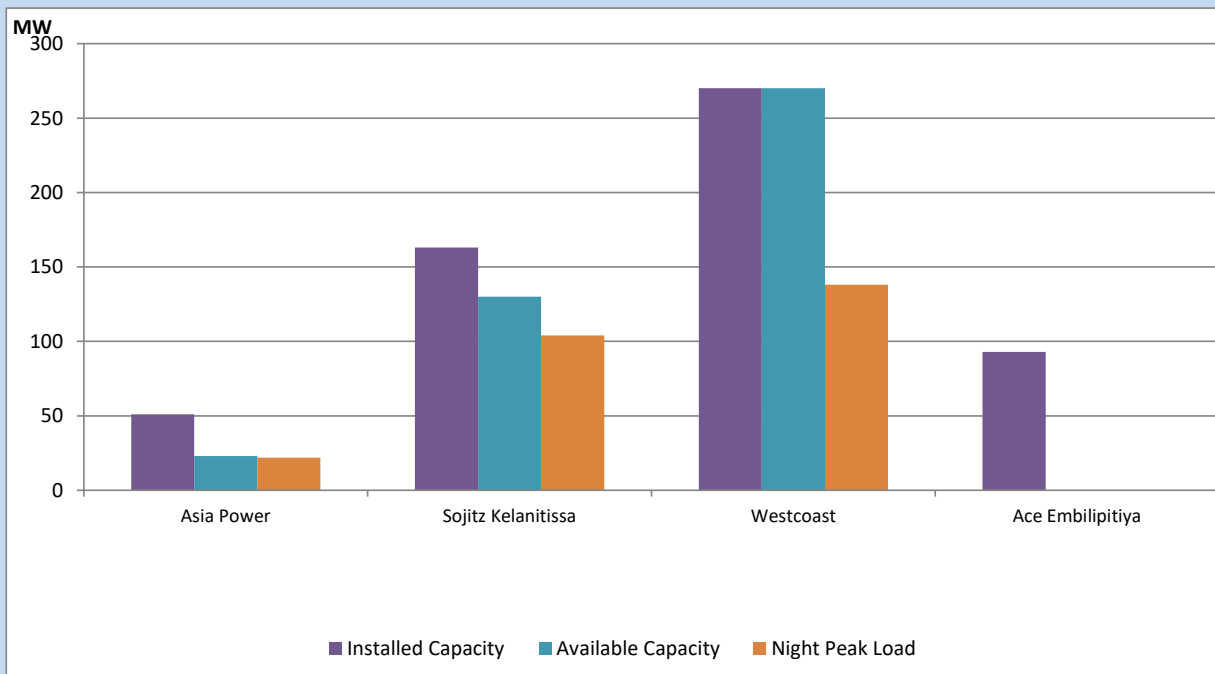
ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

April 10, 2022

IPP owned Thermal Plant Loading at the Night Peak

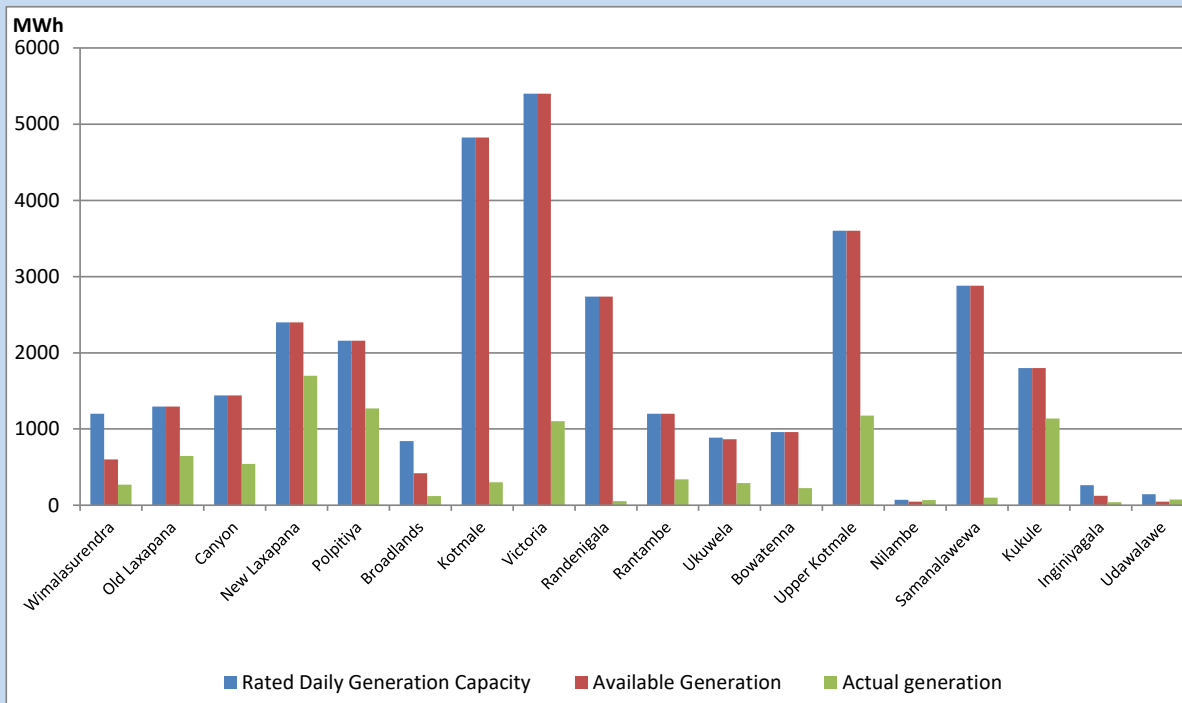


Note- Plant availability is recorded at 6.00 am on

April 10, 2022

Major Hydro Plant Dispatch

April 9, 2022

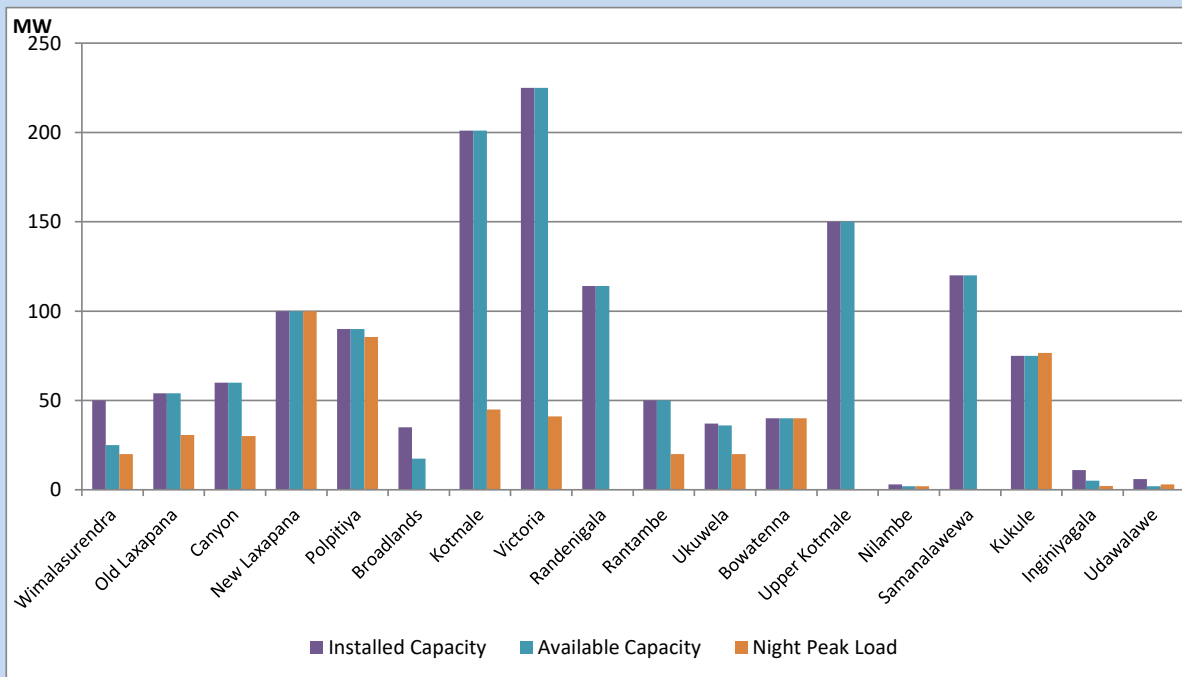


Available Generation is estimated based on plant availability at 6.00am on April 10, 2022
 Broadlands power plant is operating in the Commissioning Stage

April 10, 2022

Major Hydro Plant Loading at Night Peak

April 9, 2022



Note- Plant availability is recorded at 6.00 am on April 10, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

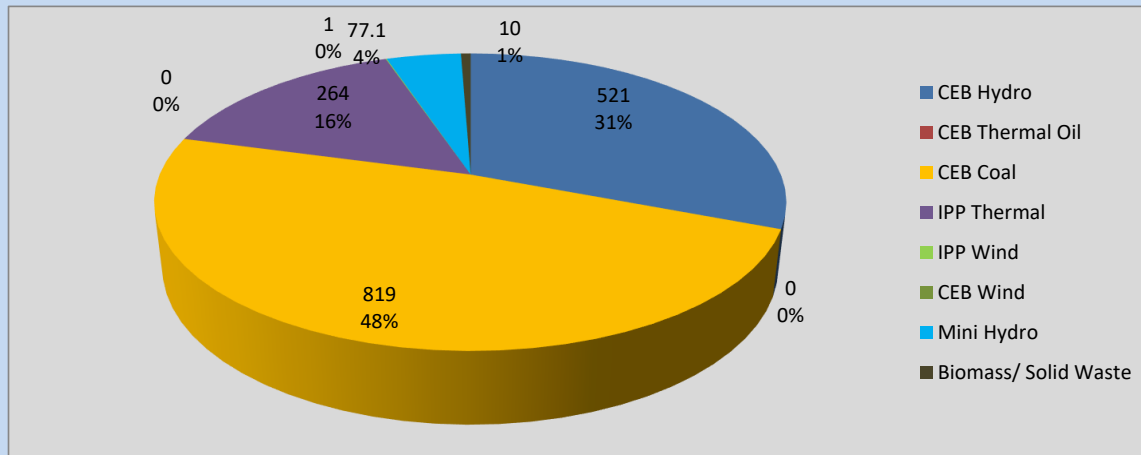
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	20	270
Old Laxapana	54	54	31	647
Canyon	60	60	30	541
New Laxapana	100	100	100	1,700
Polpitiya	90	90	86	1,270
Broadlands	35	18	0	120
Kotmale	201	201	45	300
Victoria	225	225	41	1,103
Randenigala	114	114	0	55
Rantambe	50	50	20	338
Ukuwela	37	36	20	289
Bowatenna	40	40	40	226
Upper Kotmale	150	150	0	1,177
Nilambe	3	2	2	69
Samanalawewa	120	120	0	99
Kukule	75	75	77	1,138
Inginiyagala	11	5	2	39
Udawalawe	6	2	3	75
Puttalam Coal I	270	270	276	6,509
Puttalam Coal II	270	270	271	6,533
Puttalam Coal III	270	270	272	6,588
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	0	0
Sapugaskanda A	70	0	0	0
Sapugaskanda B	70	0	0	0
Uthura Janani	26	0	0	0
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	6	0	8
CEB-Kolonnawa	20	12	0	164
CEB-Mathugama	20	6	0	0
Asia Power	51	23	22	541
Sojitz Kelanitissa	163	130	104	2,798
West Coast	270	270	138	3,269
ACE Embilipitiya	93	0	0	0
Total	3,424	2,907	1,687	38,417

Plant availability is the availability recorded at 6 am on

April 10, 2022

Contribution to the Night Peak in MW

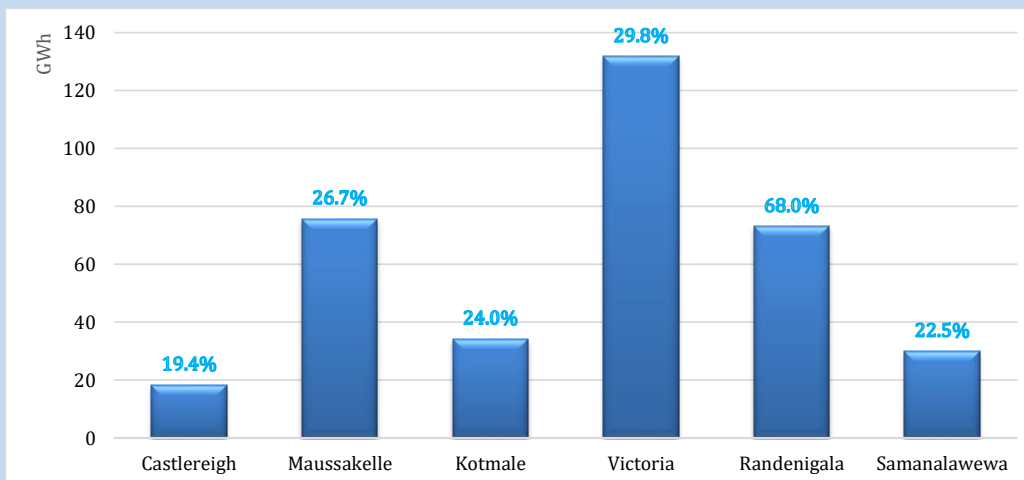
April 9, 2022



Night Peak*	1,692.0 MW
Day Peak	1,866.7 MW
Minimum Demand	1,261.4 MW

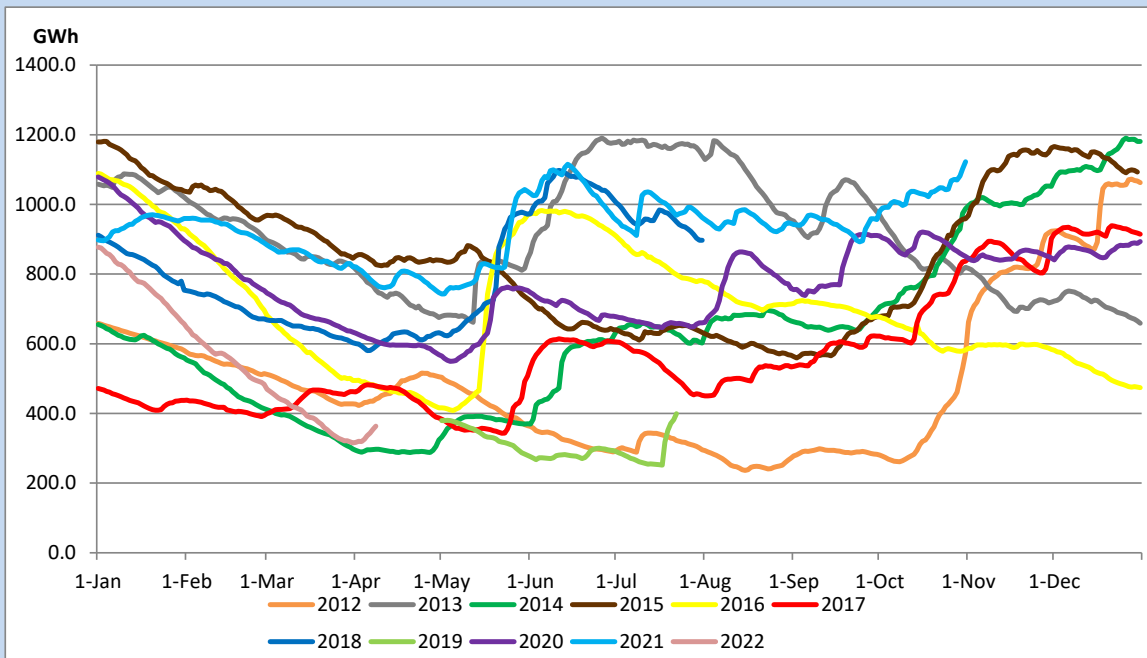
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on April 10, 2022



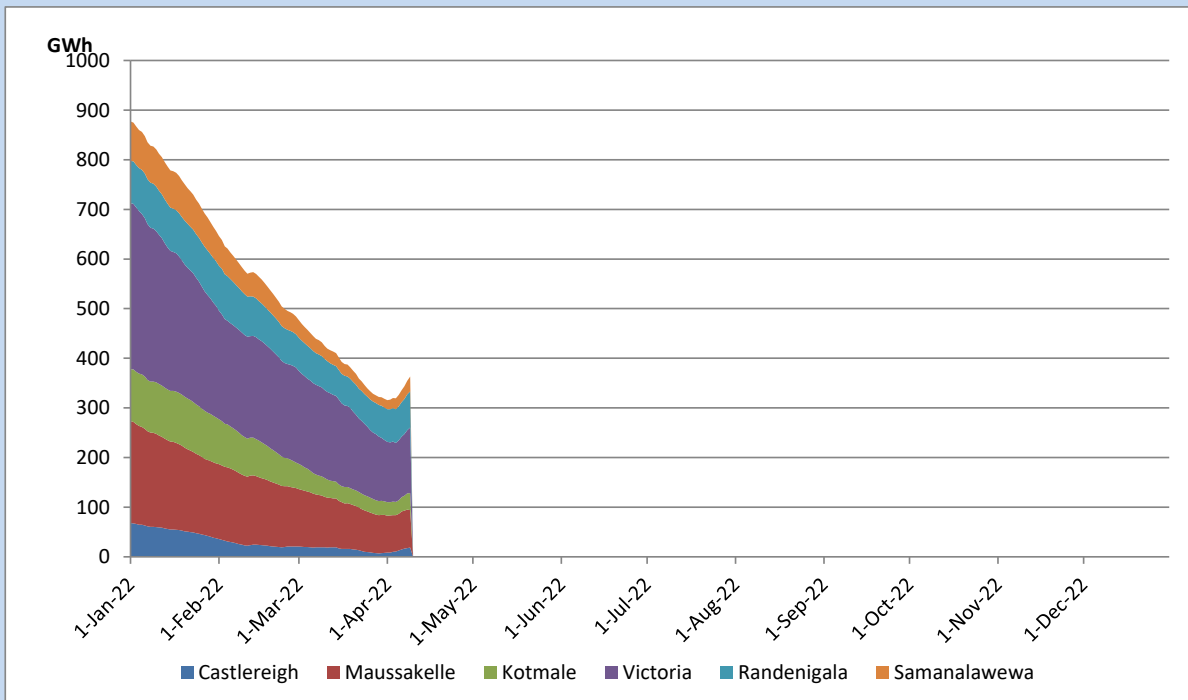
Total Reservoir Level	363.4 GWh
% of Total capacity	31.7%

Comparison of Total Reservoir Storage Levels with Past Years

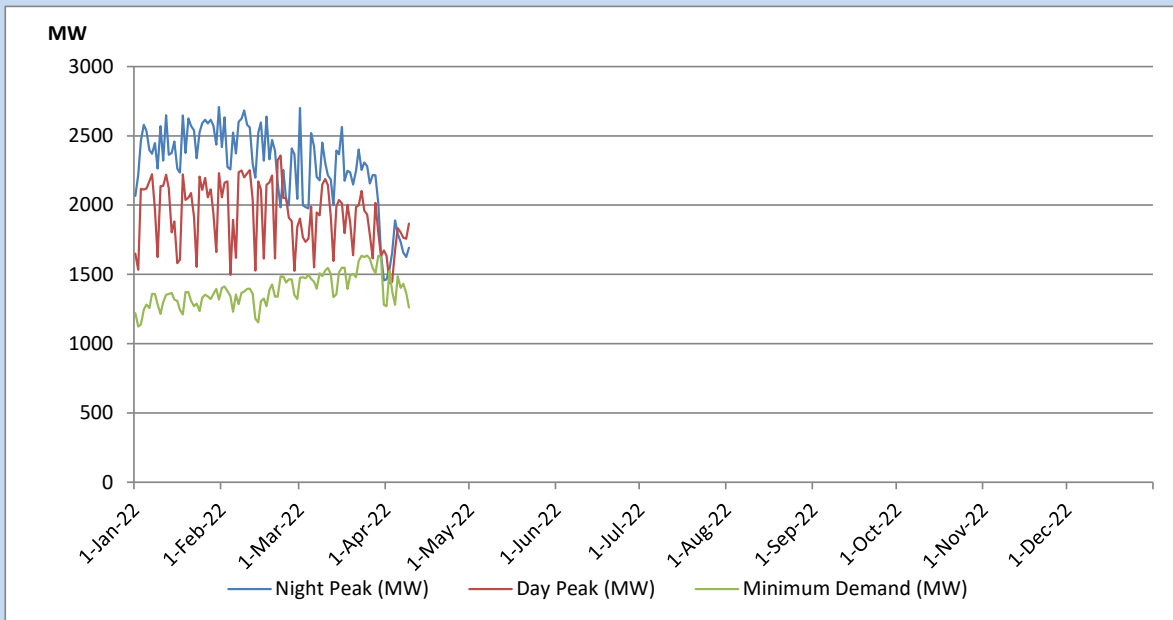


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

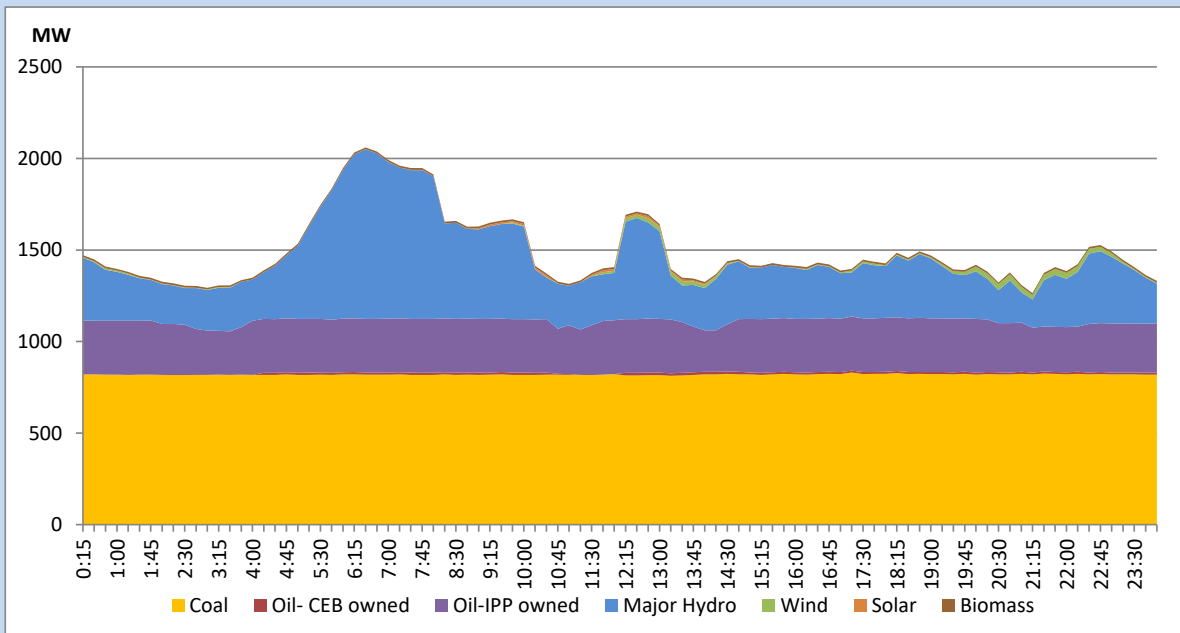


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

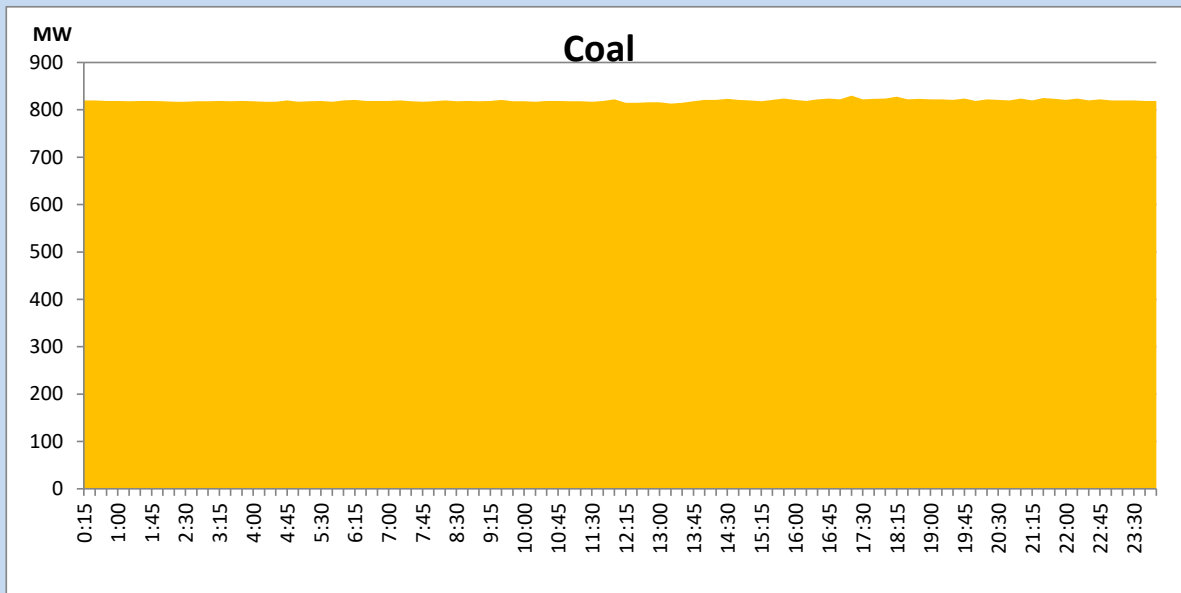
April 8, 2022

Solar and wind data is based on Telemetered Power Stations only



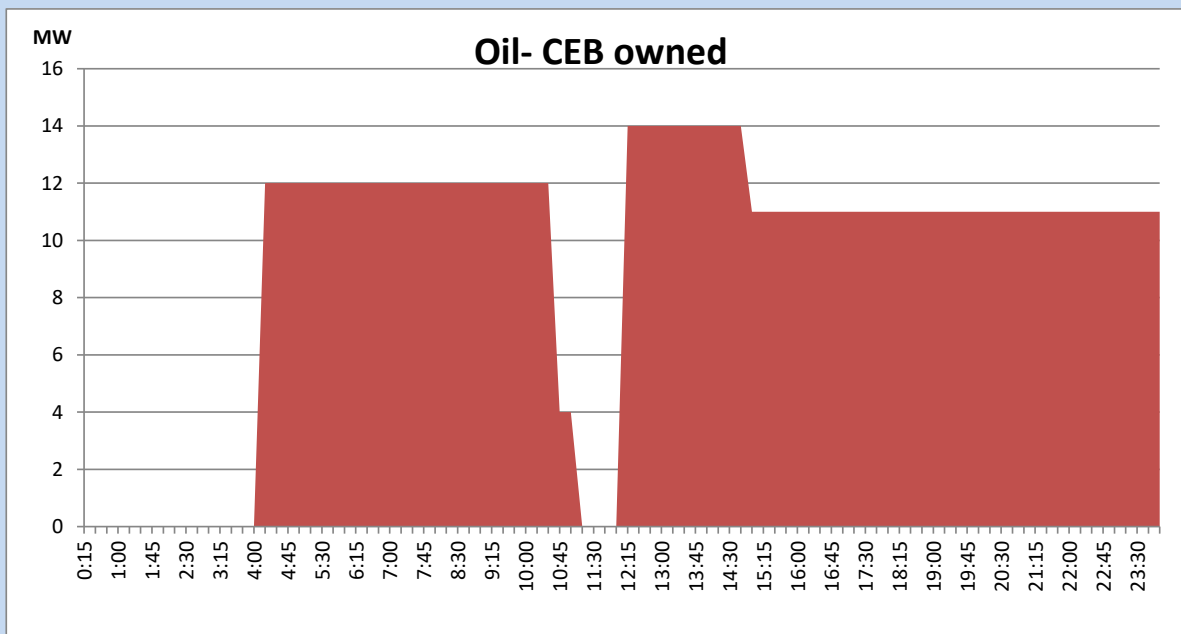
Coal Generation during the Previous day

April 8, 2022



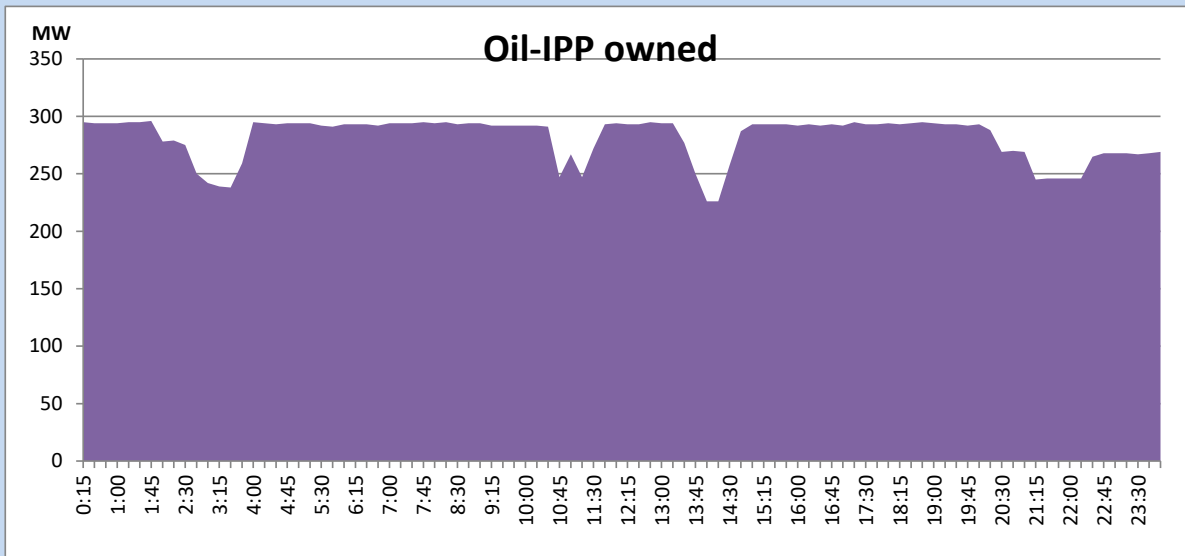
CEB Oil Plant Generation during the Previous day

April 8, 2022



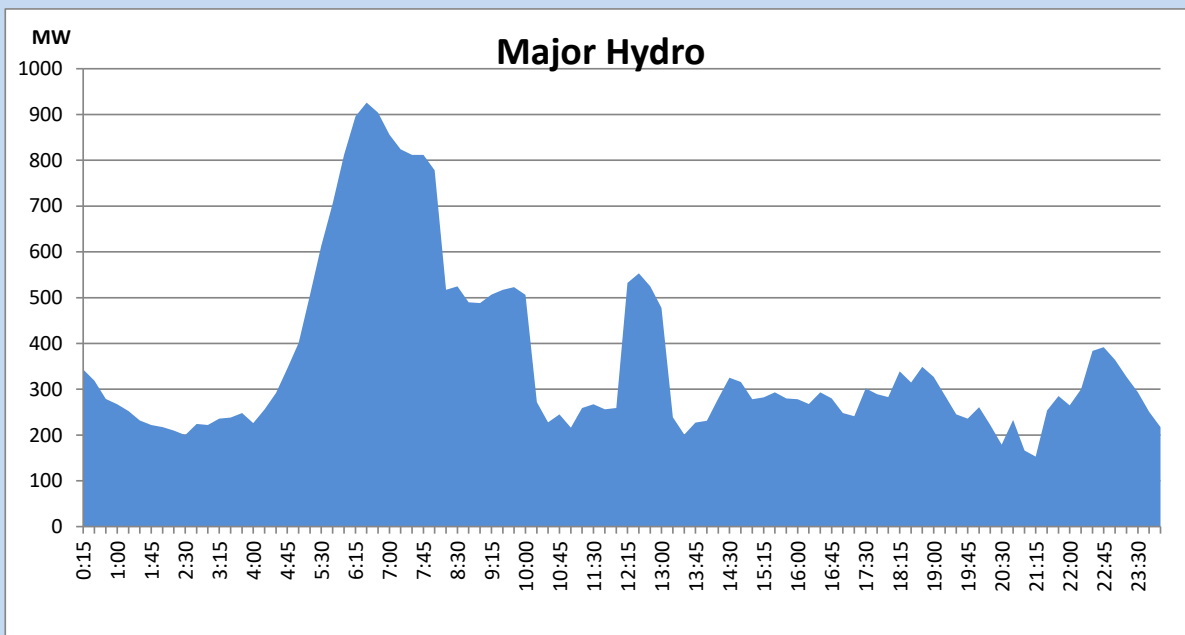
IPP Oil Plant Generation during the Previous day

April 8, 2022



Major Hydro Generation during the Previous day

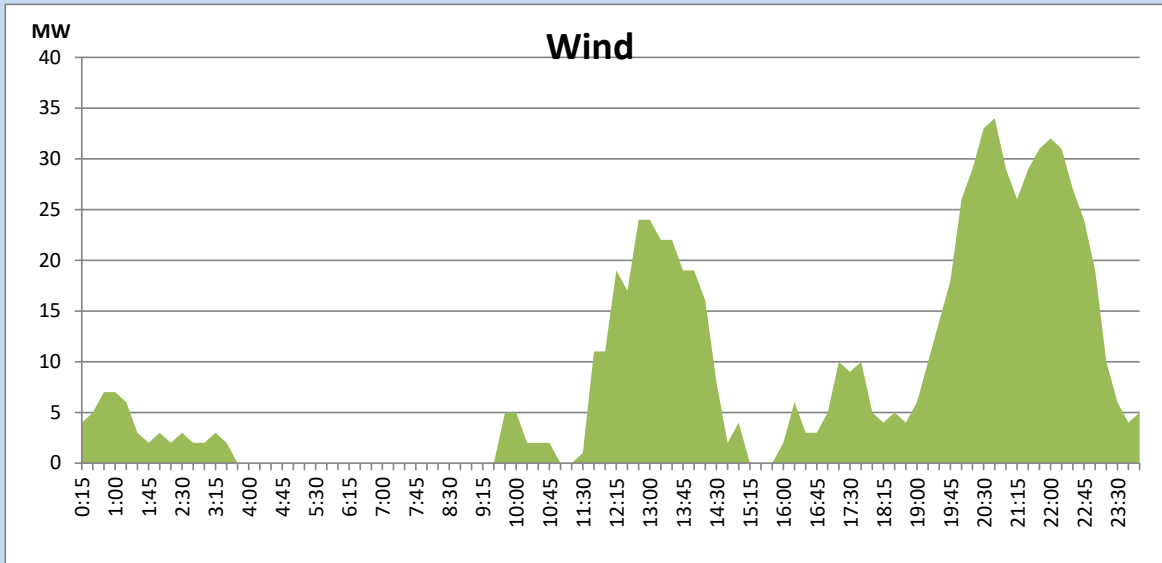
April 8, 2022



Wind Generation during the Previous day

April 8, 2022

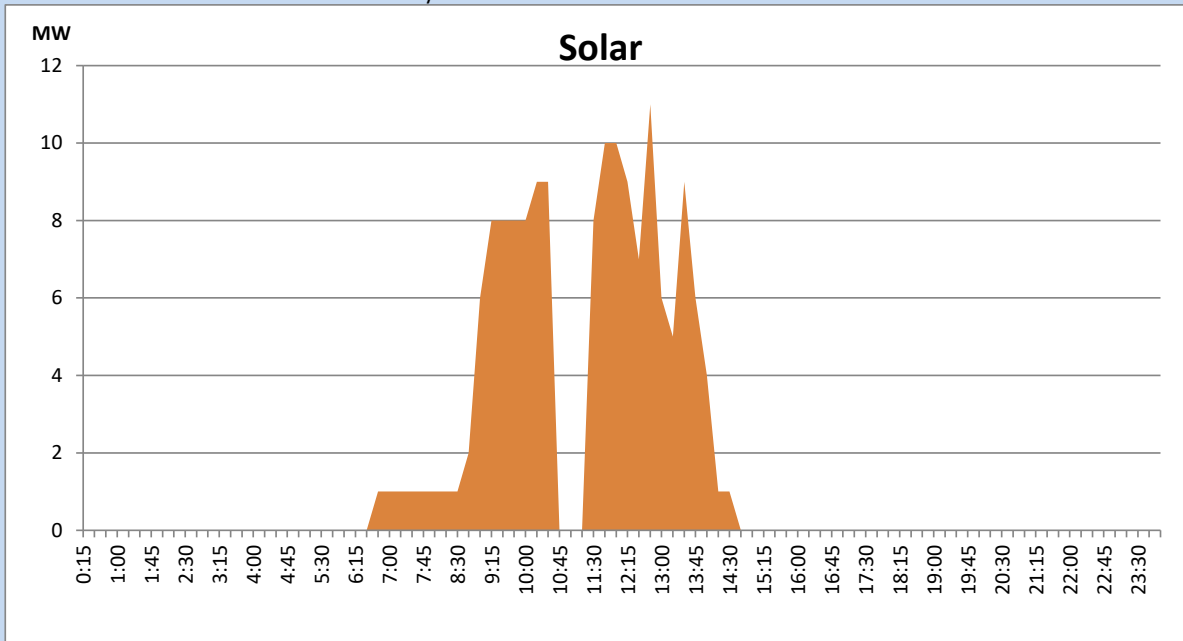
Based on Telemetered Power Stations only



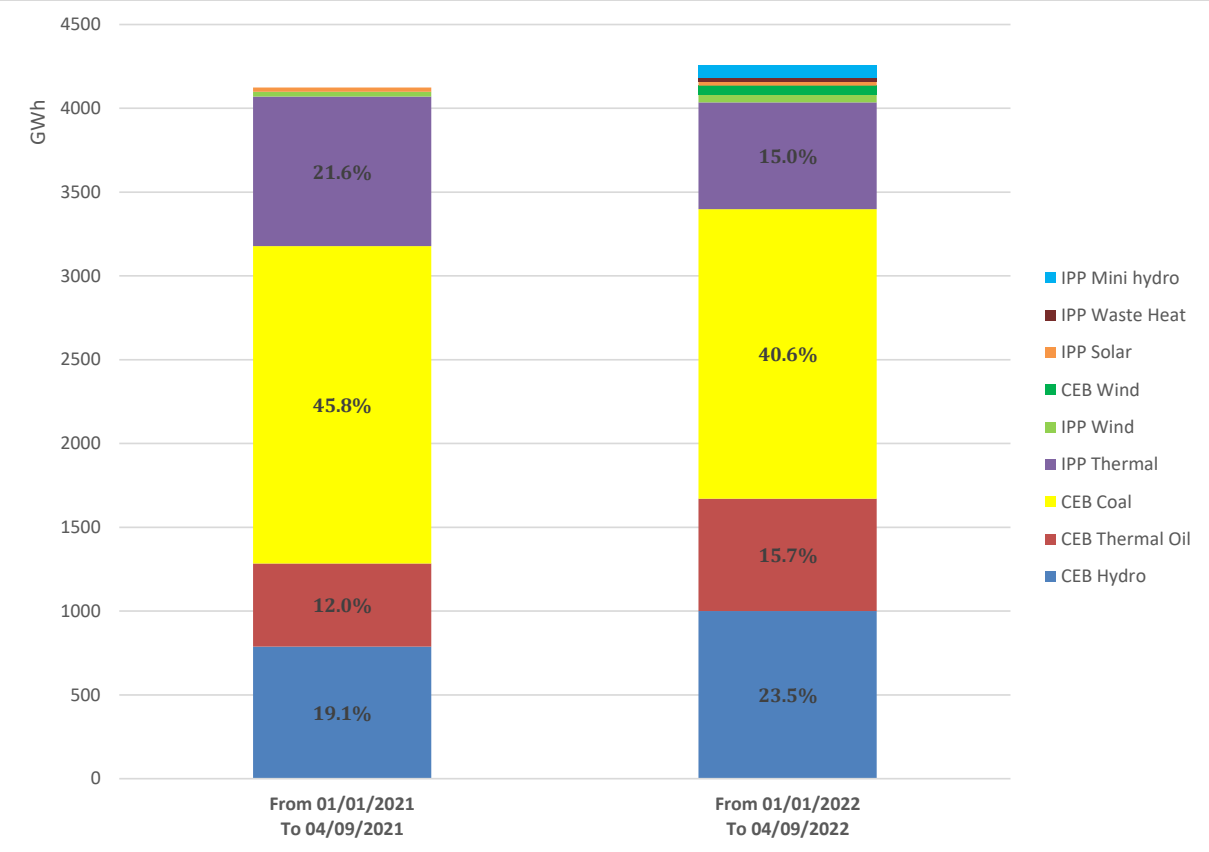
Solar Generation during the Previous day

April 8, 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 10, 2022

- 1) Rotational manual load shedding was carried out from 06:00hrs to 22:00hrs.
- 2) Ukuwela - Habarana, Ukuwela - Naula ccts tripped from Ukuwela end, Naula - Habarana cct tripped from Naula end, Habarana - Ukuwela cct tripped and auto-reclosed from Habarana end at 16:18 hrs due to operation of distance protection causing Ukuwela, Ragala, Pallekelle GSS to be dead and Bowathenna generation to be disconnected. All affected GSSs were normalized by 16:33 hrs.
- 3) Pannipitiya 33kV B/S CB 02 tripped at 17:33 hrs due to O/C. The B/S CB was normalized by 17:39 hrs.
- 4) New Anuradhapura - Puttalam cct 02 tripped at 17:37 hrs due to operation of differential protection. The cct was normalized by 17:46 hrs.