

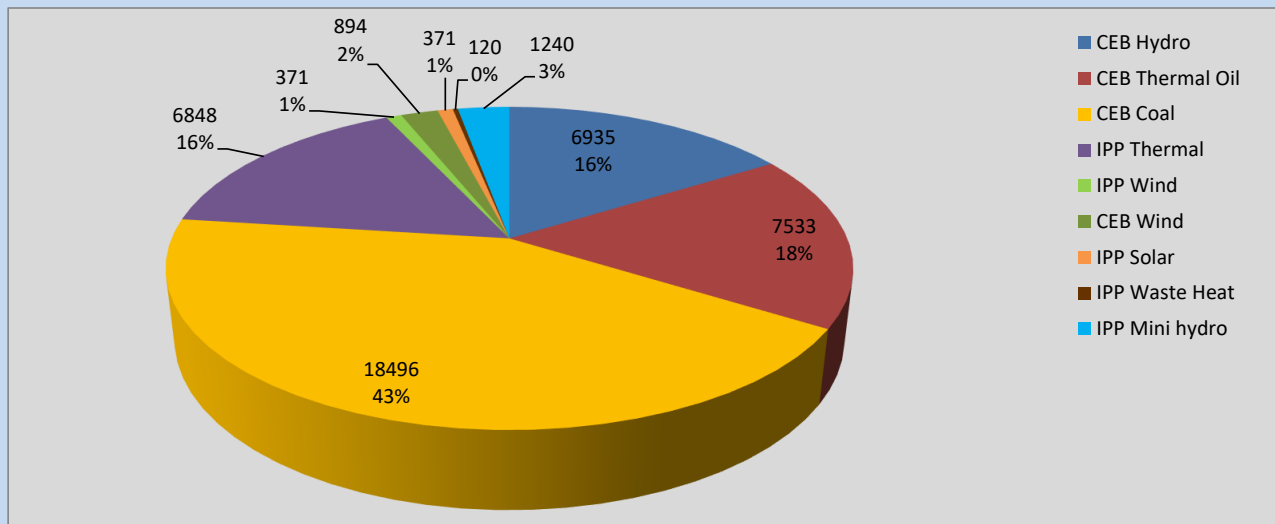
Generation and Reservoirs Statistics

April 29, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

42,678 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

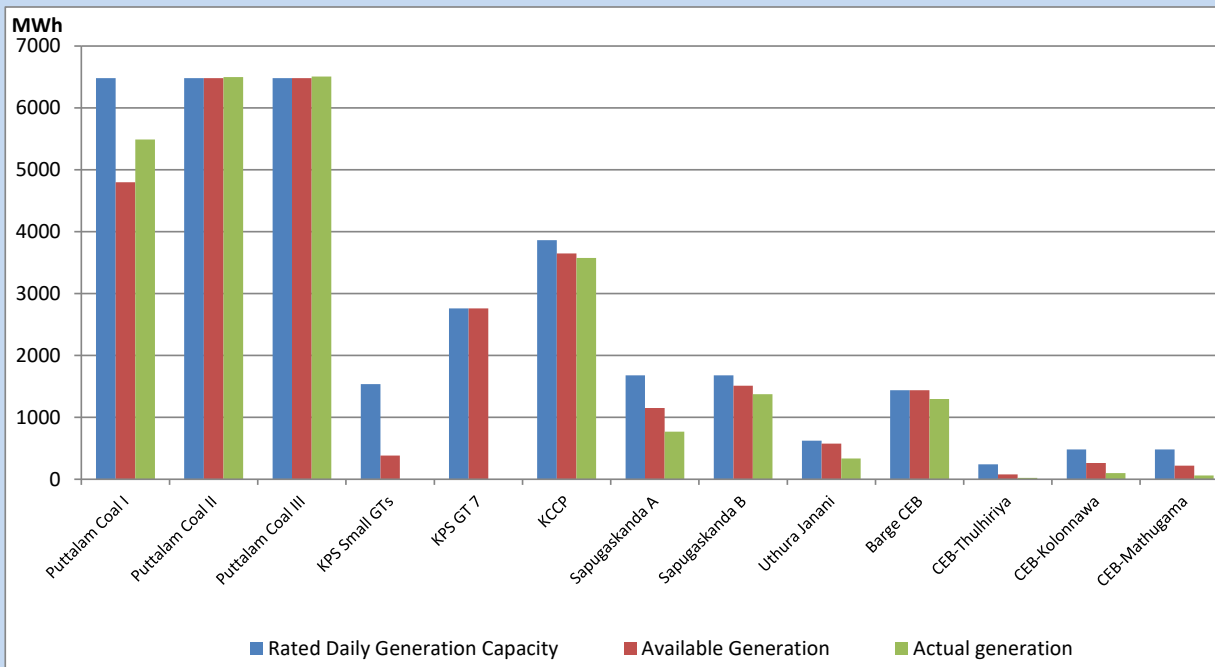
Category	Dispatch (GWh)	
CEB Hydro	209.90	19.15%
CEB Thermal Oil	137.15	12.51%
CEB Coal	552.00	50.36%
IPP Thermal	130.92	11.95%
SPP Wind	7.83	0.71%
CEB Wind	10.48	0.96%
SPP Solar	7.36	0.67%
SPP Solid Waste	5.83	0.53%
Mini Hydro	34.53	3.15%
Total	1,096.00	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	1,139.8	22.73%
CEB Thermal Oil	778.3	15.52%
CEB Coal	2,102.5	41.93%
IPP Thermal	723.8	14.44%
SPP Wind	50.2	1.00%
CEB Wind	64.2	1.28%
SPP Solar	31.0	0.62%
SPP Solid Waste	23.6	0.47%
Mini Hydro	100.9	2.01%
Total	5,014.1	

CEB owned Thermal Plant Dispatch

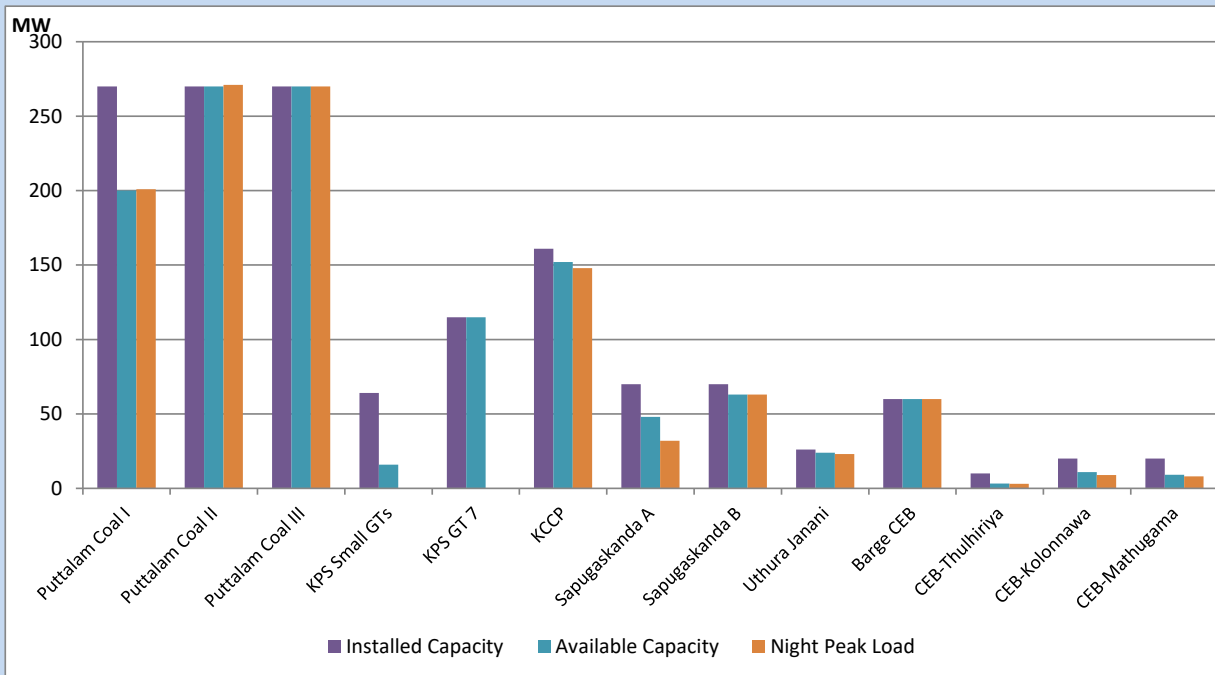
April 29, 2022



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

April 30, 2022

CEB owned Thermal Plant Loading at the Night Peak



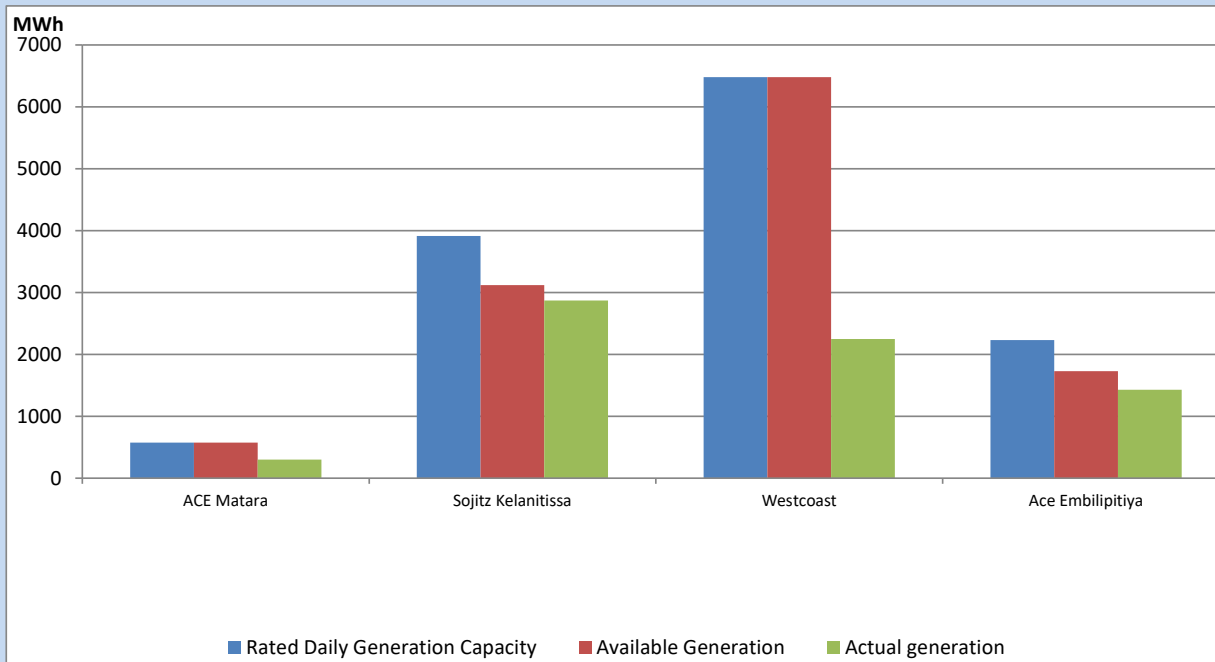
Note- Plant availability is recorded at 6.00 am on

April 30, 2022

IPP owned Thermal Plant Dispatch

April 29, 2022

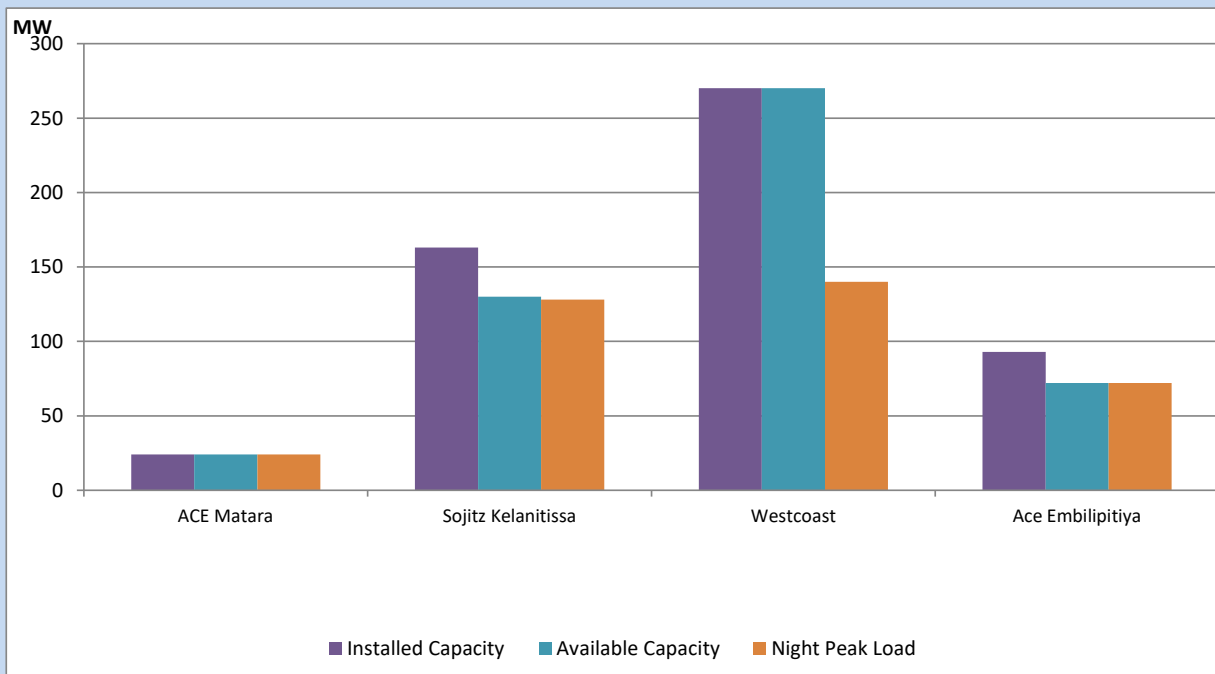
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

April 30, 2022

IPP owned Thermal Plant Loading at the Night Peak

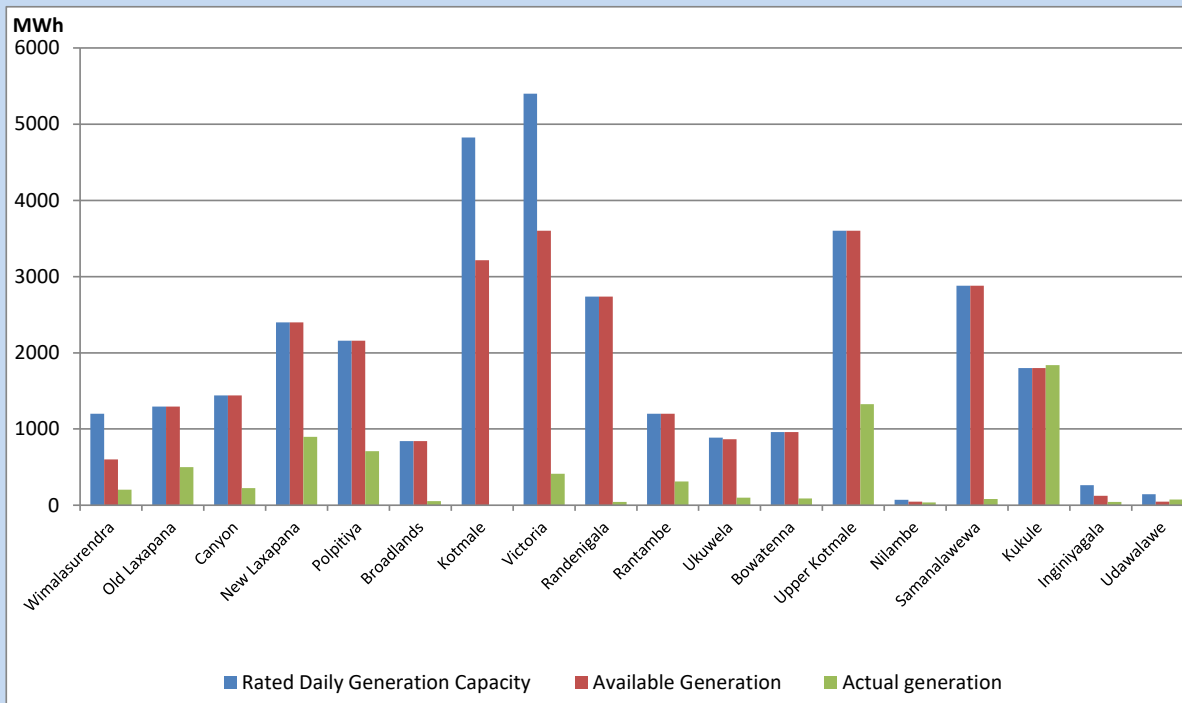


Note- Plant availability is recorded at 6.00 am on

April 30, 2022

Major Hydro Plant Dispatch

April 29, 2022

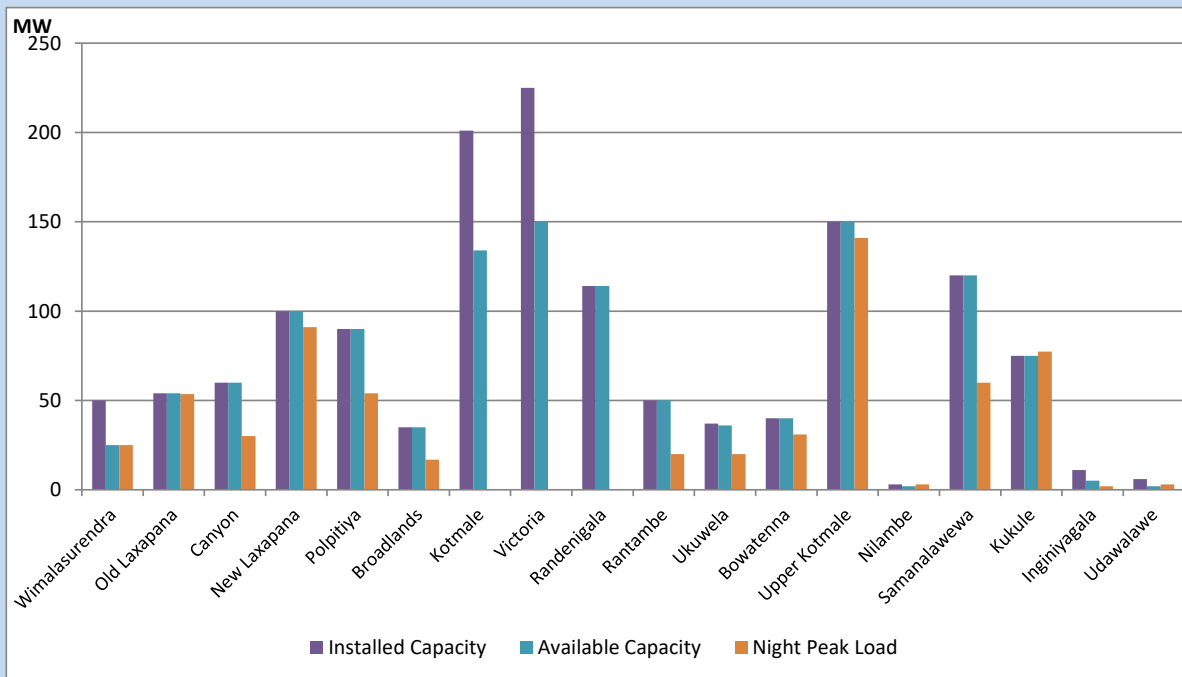


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

April 30, 2022

Major Hydro Plant Loading at Night Peak

April 29, 2022



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

April 30, 2022

Summary of Major Plant performance

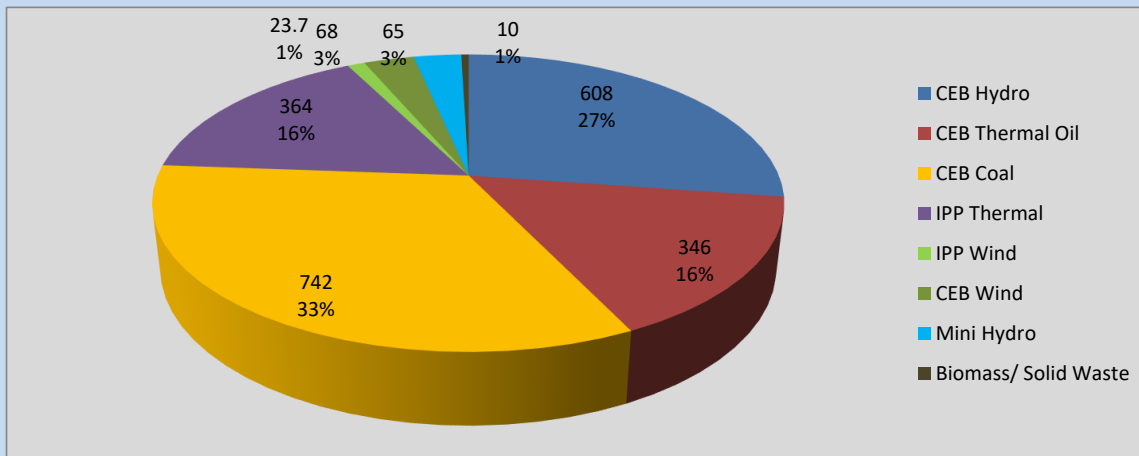
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	202
Old Laxapana	54	54	54	501
Canyon	60	60	30	223
New Laxapana	100	100	91	896
Polpitiya	90	90	54	709
Broadlands	35	35	17	54
Kotmale	201	134	0	0
Victoria	225	150	0	413
Randenigala	114	114	0	42
Rantambe	50	50	20	310
Ukuwela	37	36	20	100
Bowatenna	40	40	31	90
Upper Kotmale	150	150	141	1,325
Nilambe	3	2	3	36
Samanalawewa	120	120	60	80
Kukule	75	75	77	1,838
Inginiyagala	11	5	2	43
Udawalawe	6	2	3	73
Puttalam Coal I	270	200	201	5,489
Puttalam Coal II	270	270	271	6,499
Puttalam Coal III	270	270	270	6,508
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	148	3,574
Sapugaskanda A	70	48	32	770
Sapugaskanda B	70	63	63	1,376
Uthura Janani	26	24	23	337
Barge CEB	60	60	60	1,297
CEB-Thulhiriya	10	3	3	21
CEB-Kolonnawa	20	11	9	98
CEB-Mathugama	20	9	8	60
ACE Matara	24	24	24	299
Sojitz Kelanitissa	163	130	128	2,870
West Coast	270	270	140	2,248
ACE Embilipitiya	93	72	72	1,431
Total	3,397	2,980	2,246	42,678

Plant availability is the availability recorded at 6 am on

April 30, 2022

Contribution to the Night Peak in MW

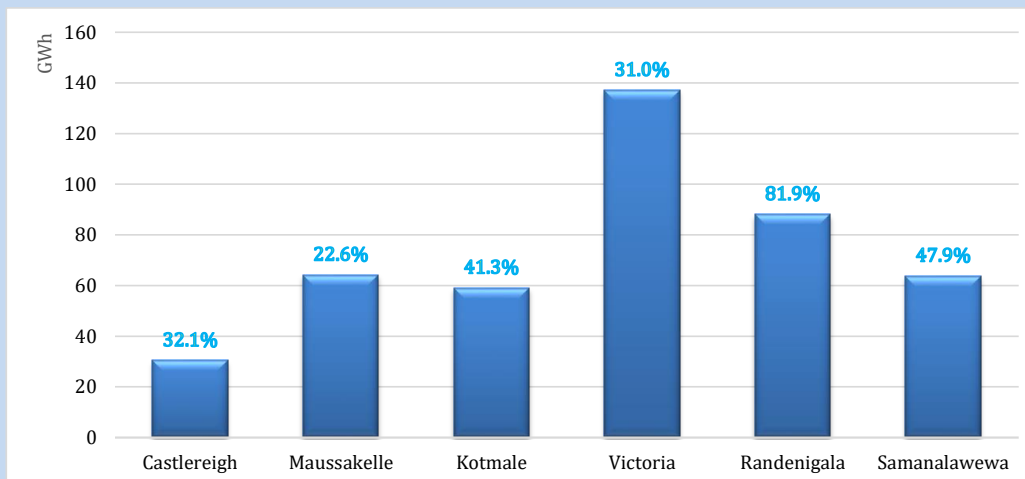
April 29, 2022



Night Peak*	2,226.3 MW
Day Peak	1,934.8 MW
Minimum Demand	1,433.8 MW

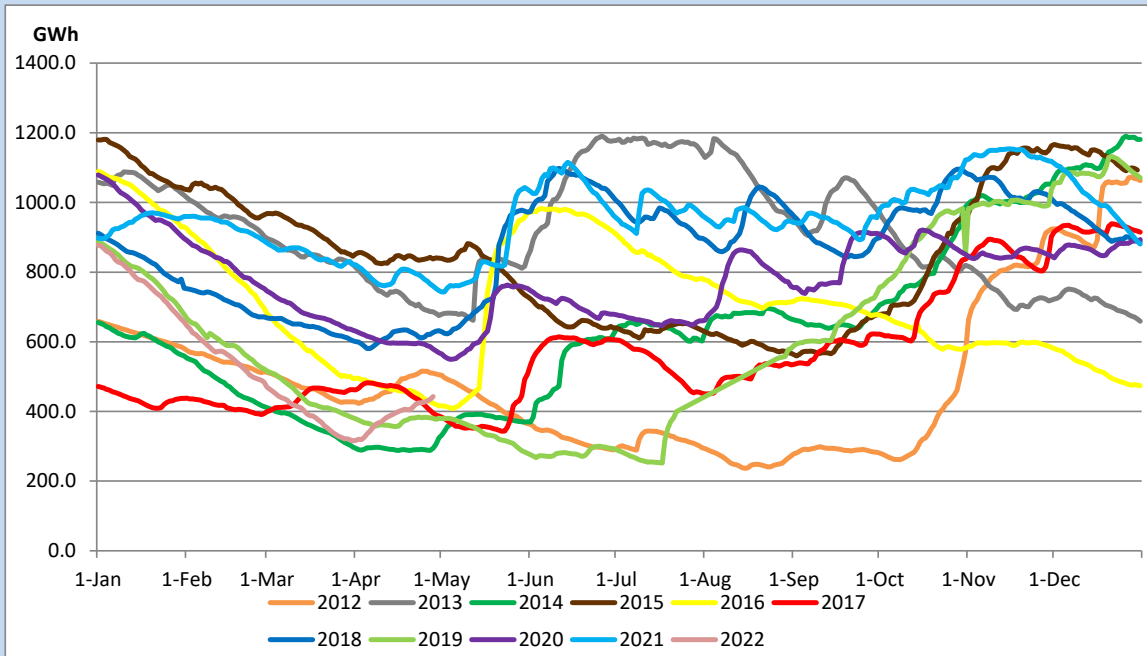
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

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



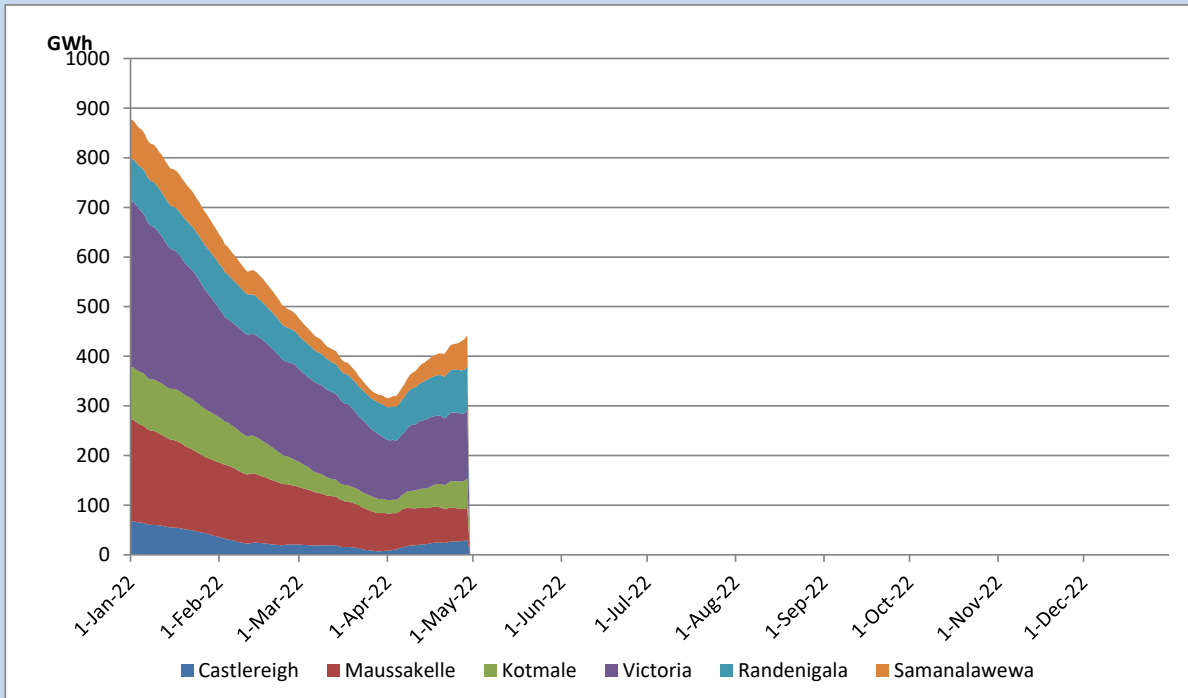
Total Reservoir Level	442.7 GWh
% of Total capacity	42.8%

Comparison of Total Reservoir Storage Levels with Past Years

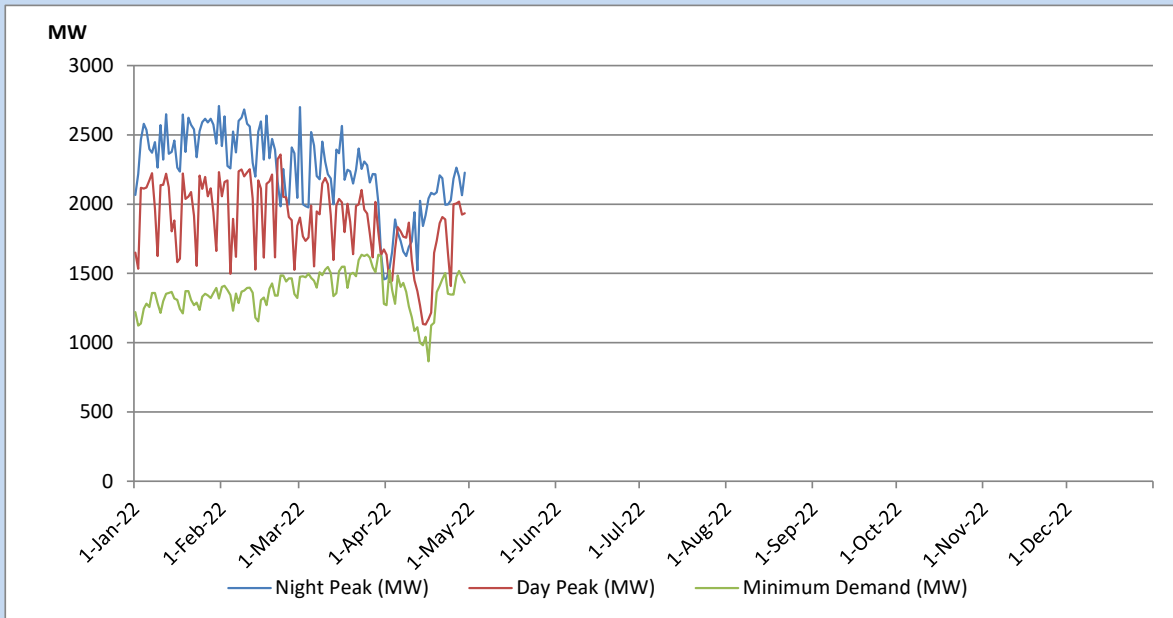


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

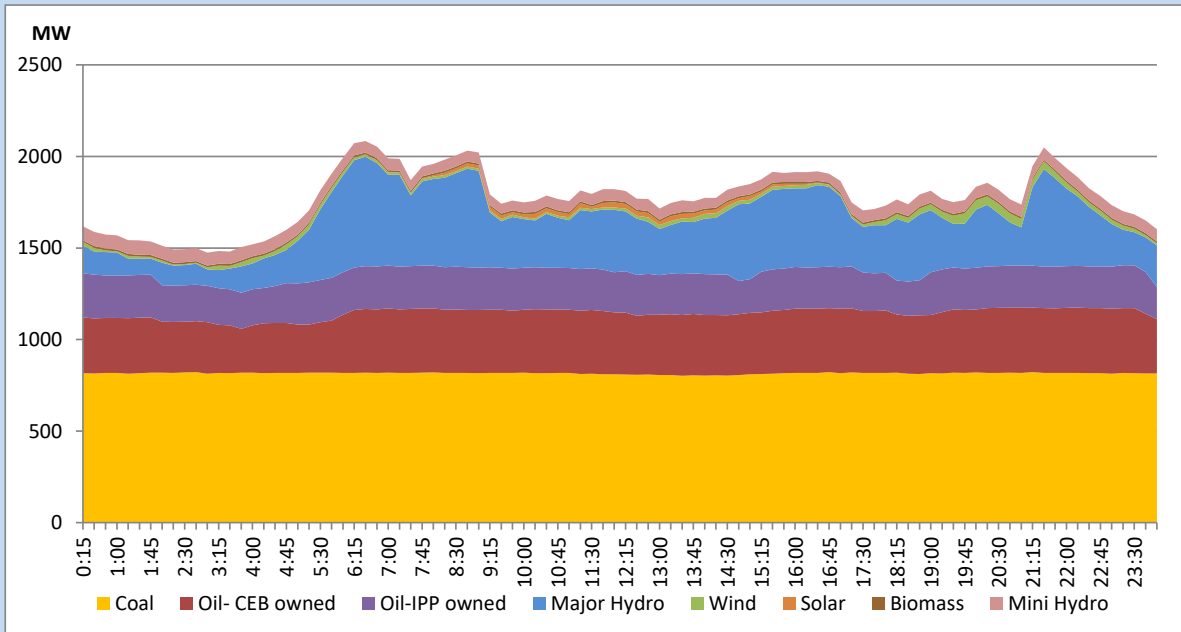


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

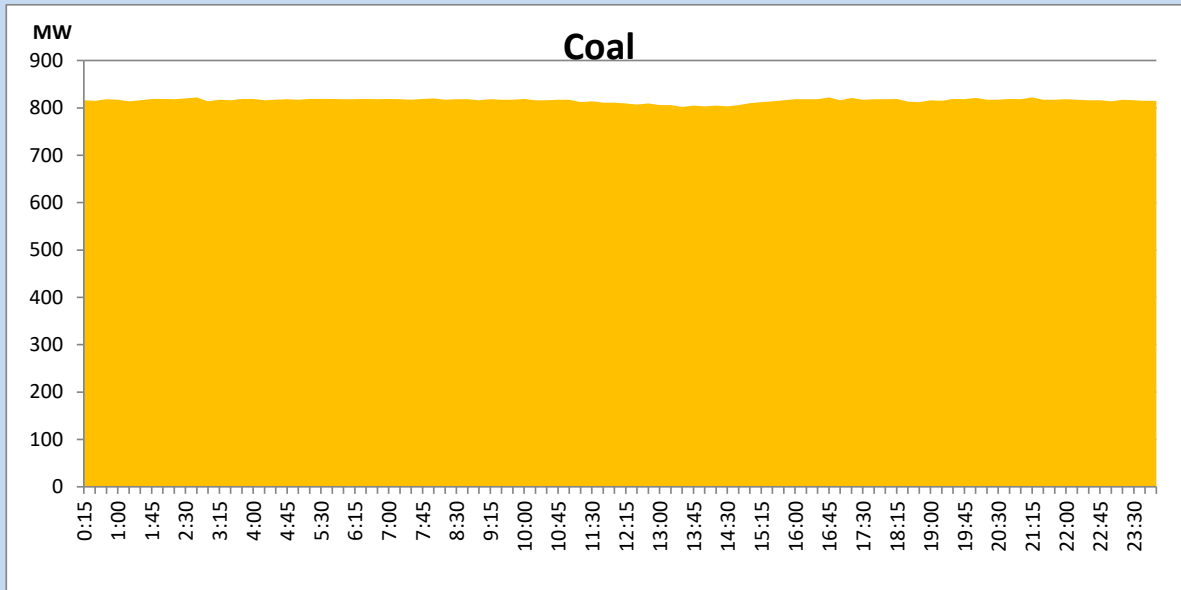
April 28, 2022

Solar and wind data is based on Telemetered Power Stations only



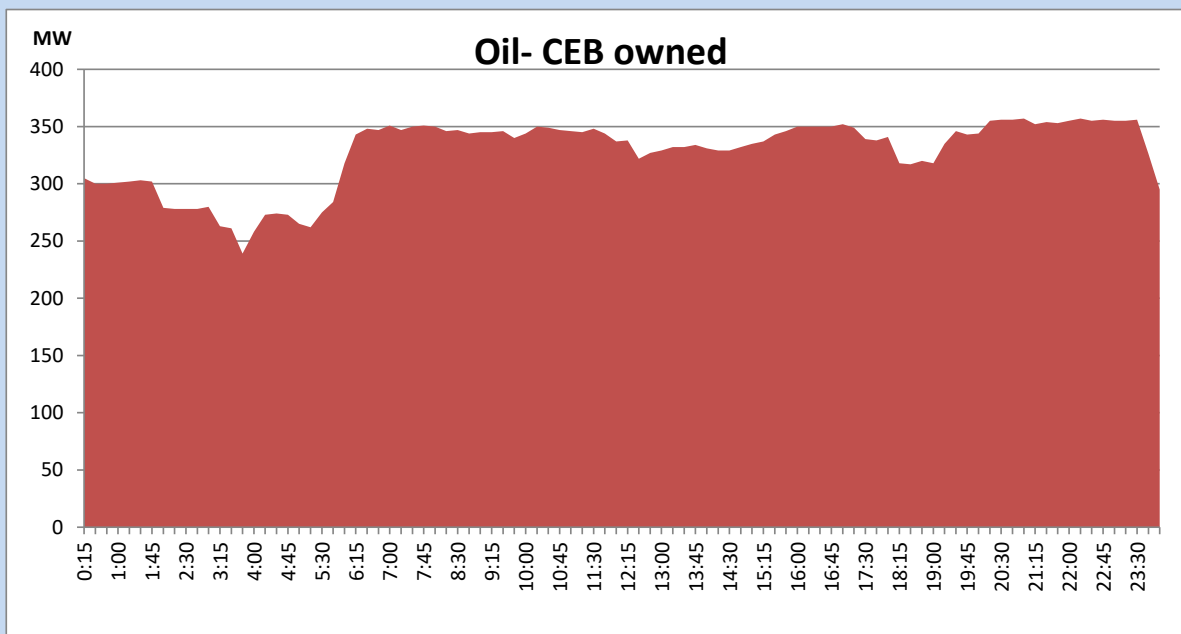
Coal Generation during the Previous day

April 28, 2022



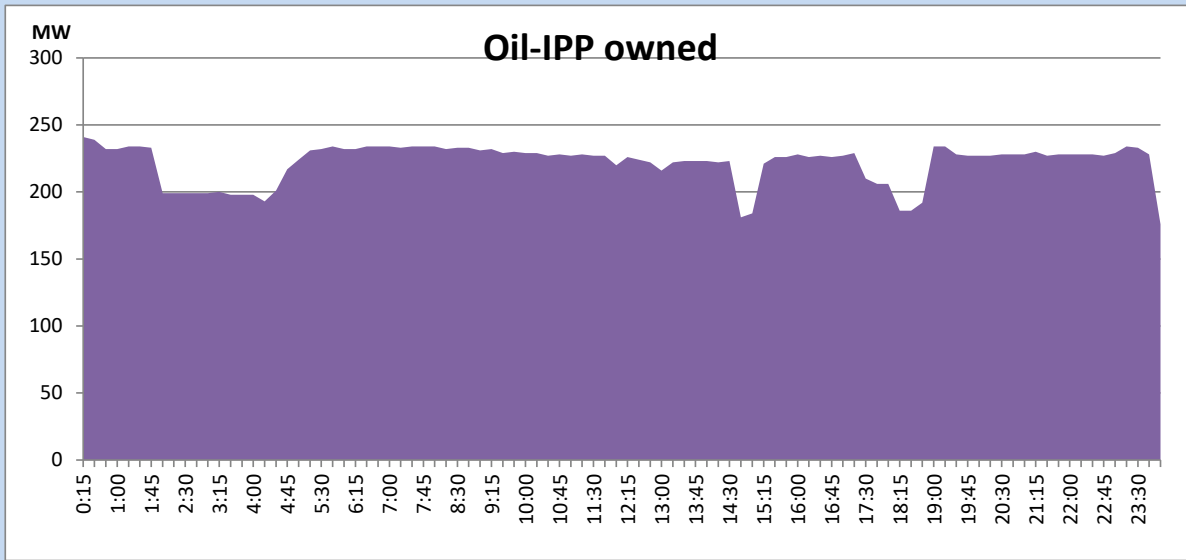
CEB Oil Plant Generation during the Previous day

April 28, 2022



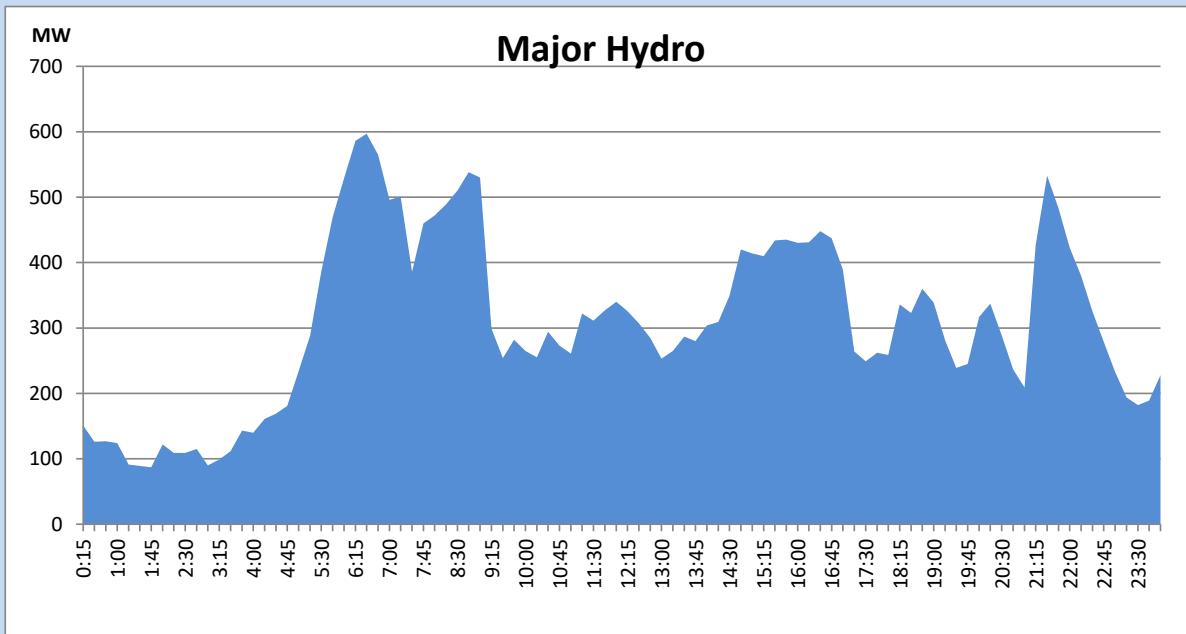
IPP Oil Plant Generation during the Previous day

April 28, 2022



Major Hydro Generation during the Previous day

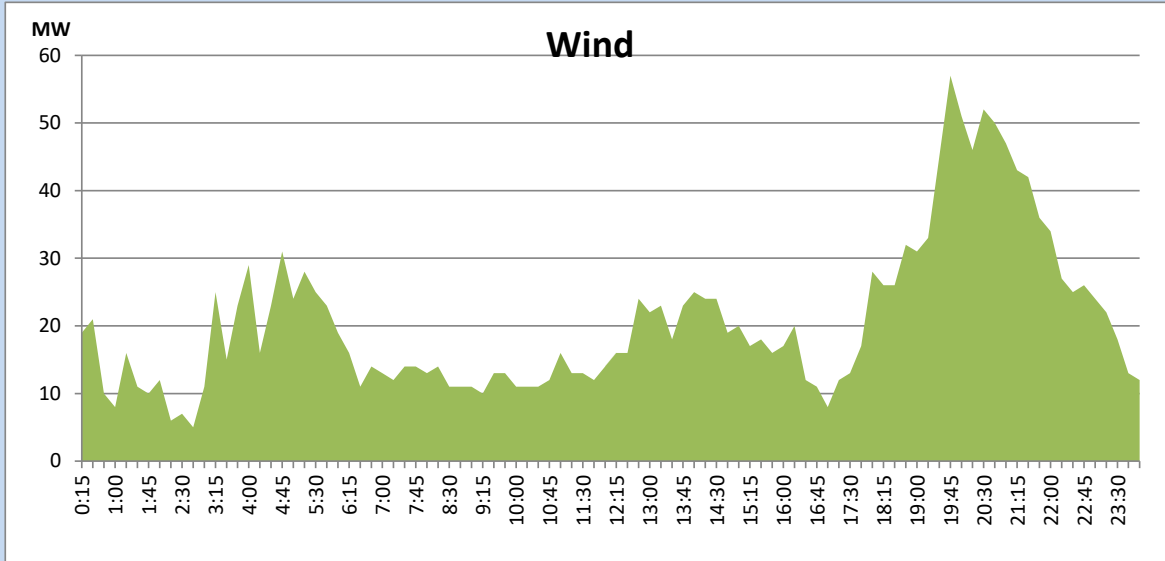
April 28, 2022



Wind Generation during the Previous day

April 28, 2022

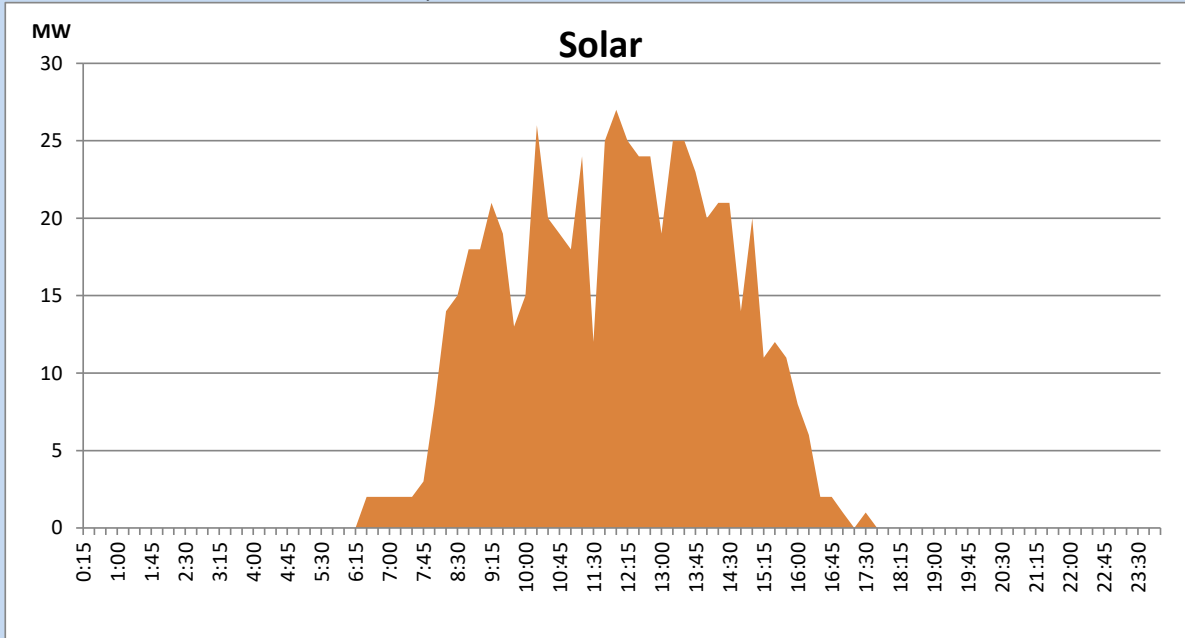
Based on Telemetered Power Stations only



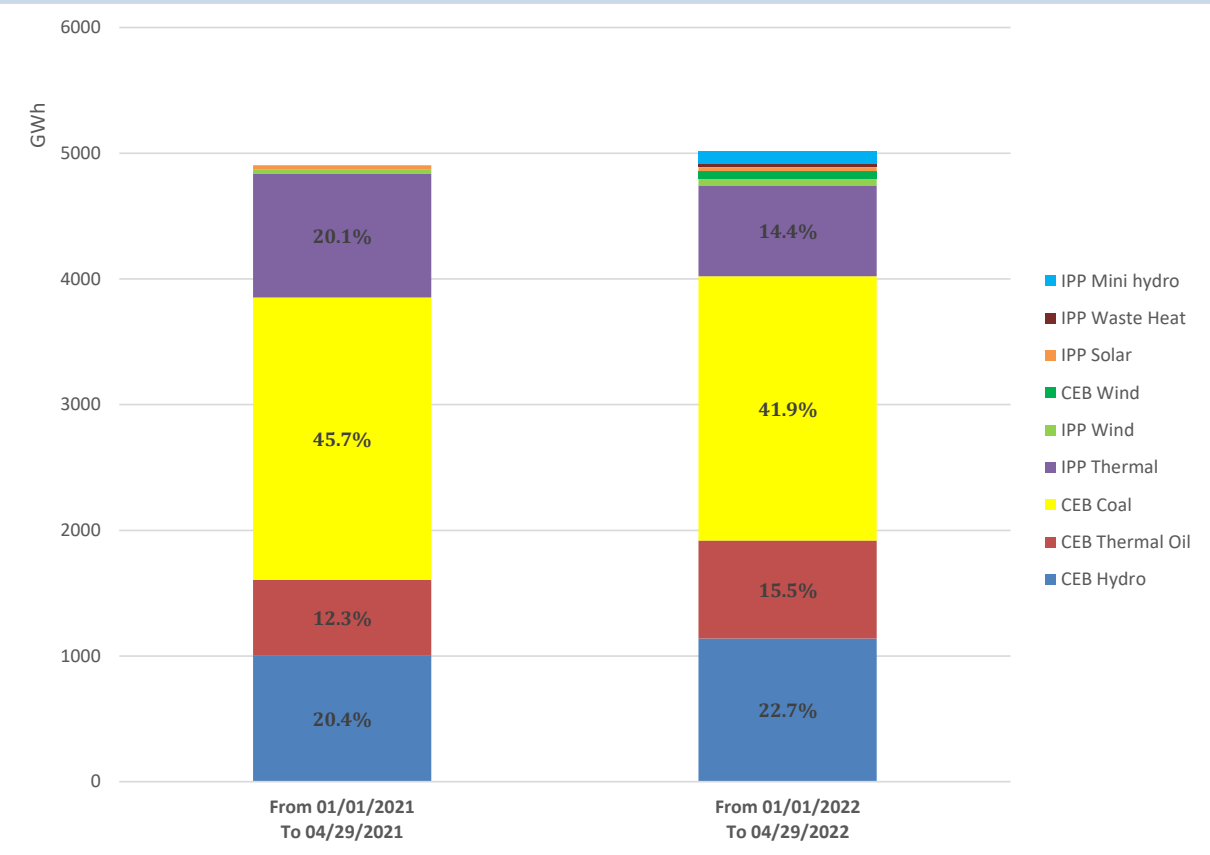
Solar Generation during the Previous day

April 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 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

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

April 30, 2022

- 1) Rotational manual load shedding was carried out from 9:00 hrs to 21:00 hrs.
- 2) Athurugiriya-Thulhiriya-Polpitiya cct tripped from Athurugiriya and Thulhiriya ends at 22:12 hrs due to operation of main protection. The cct is yet to normalize.