

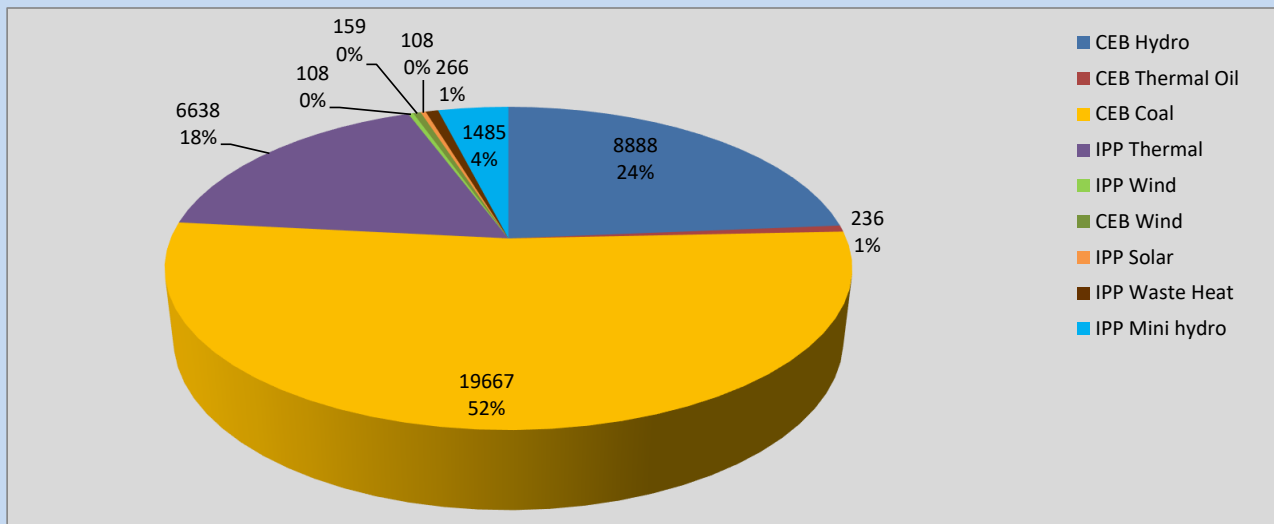
Generation and Reservoirs Statistics

April 8, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **37,522 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

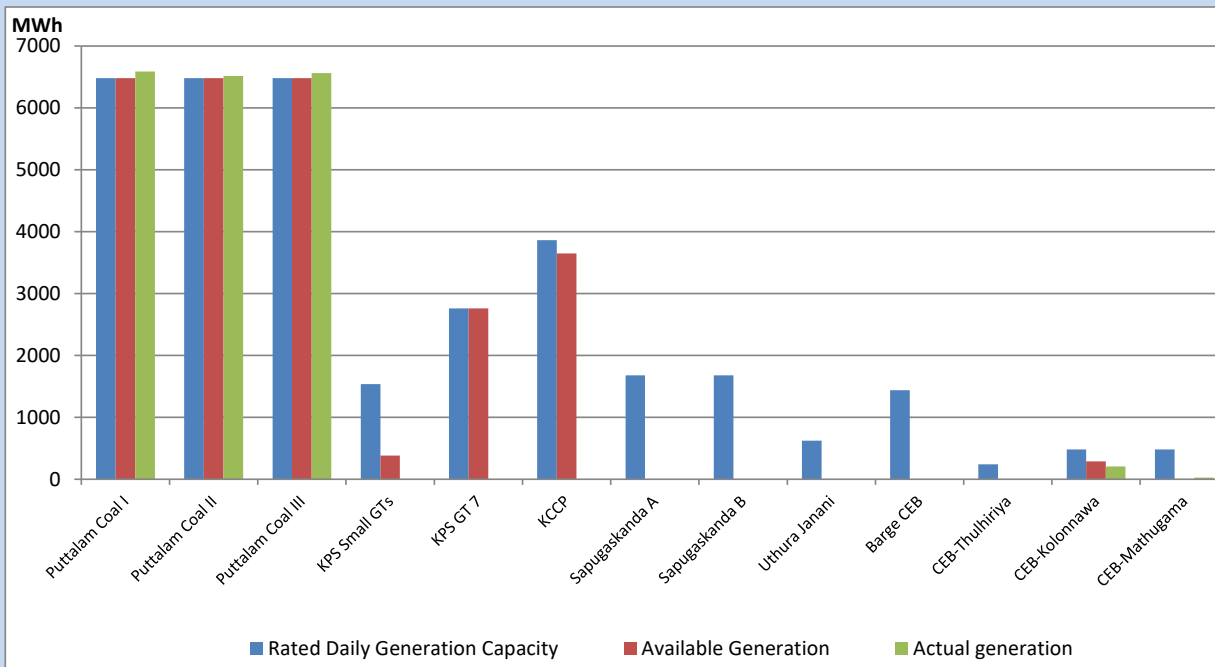
Category	Dispatch (GWh)	Percentage
CEB Hydro	61.13	20.34%
CEB Thermal Oil	28.80	9.58%
CEB Coal	156.76	52.16%
IPP Thermal	38.84	12.92%
SPP Wind	1.44	0.48%
CEB Wind	1.73	0.58%
SPP Solar	1.99	0.66%
SPP Solid Waste	1.74	0.58%
Mini Hydro	8.09	2.69%
Total	300.52	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	991.0	23.49%
CEB Thermal Oil	670.0	15.88%
CEB Coal	1,707.2	40.47%
IPP Thermal	631.8	14.98%
SPP Wind	43.8	1.04%
CEB Wind	55.5	1.32%
SPP Solar	25.6	0.61%
SPP Solid Waste	19.5	0.46%
Mini Hydro	74.5	1.77%
Total	4,218.6	

CEB owned Thermal Plant Dispatch

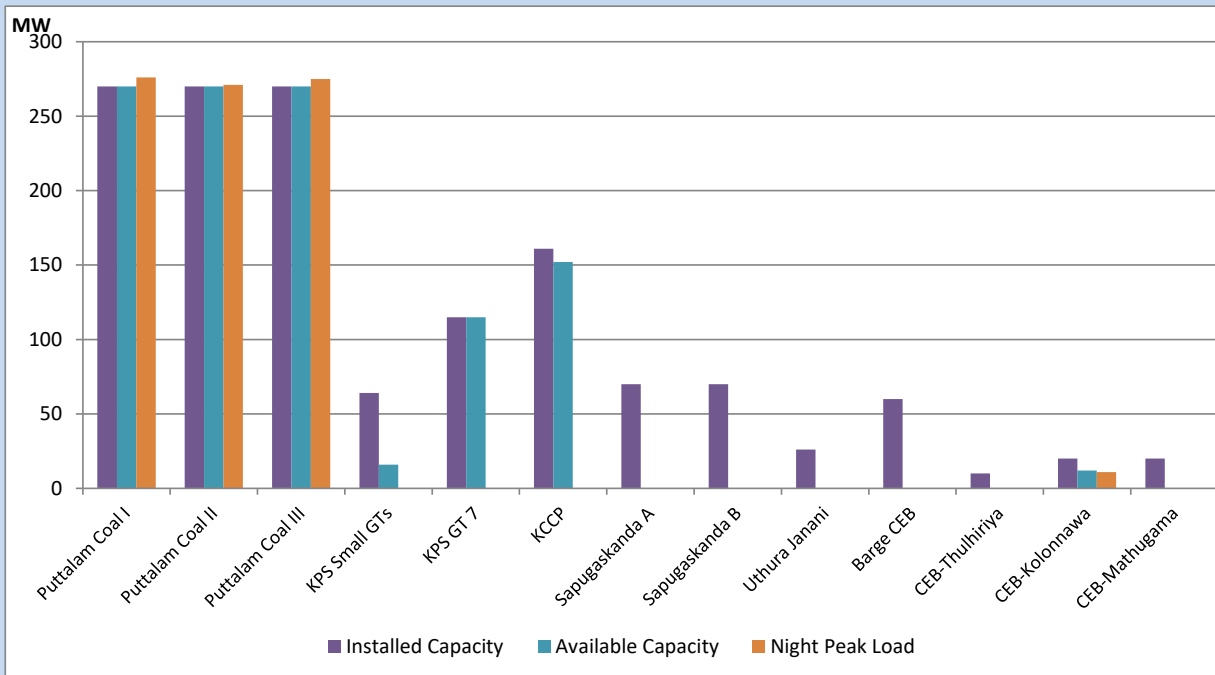
April 8, 2022



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

April 9, 2022

CEB owned Thermal Plant Loading at the Night Peak



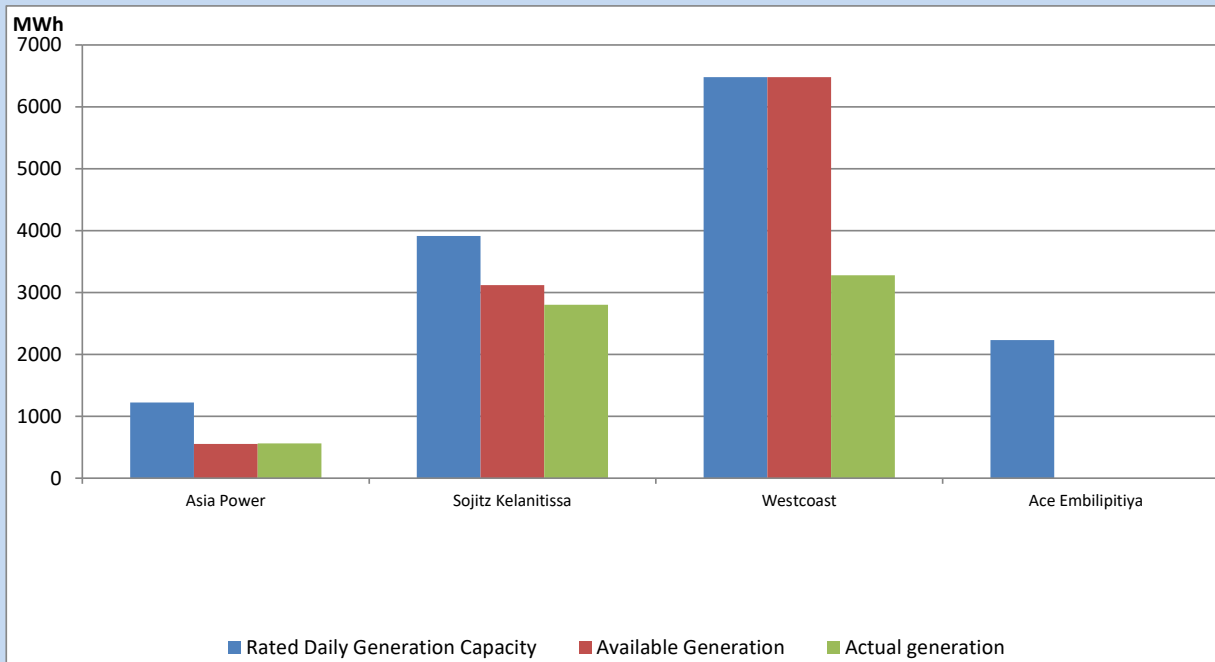
Note- Plant availability is recorded at 6.00 am on

April 9, 2022

IPP owned Thermal Plant Dispatch

April 8, 2022

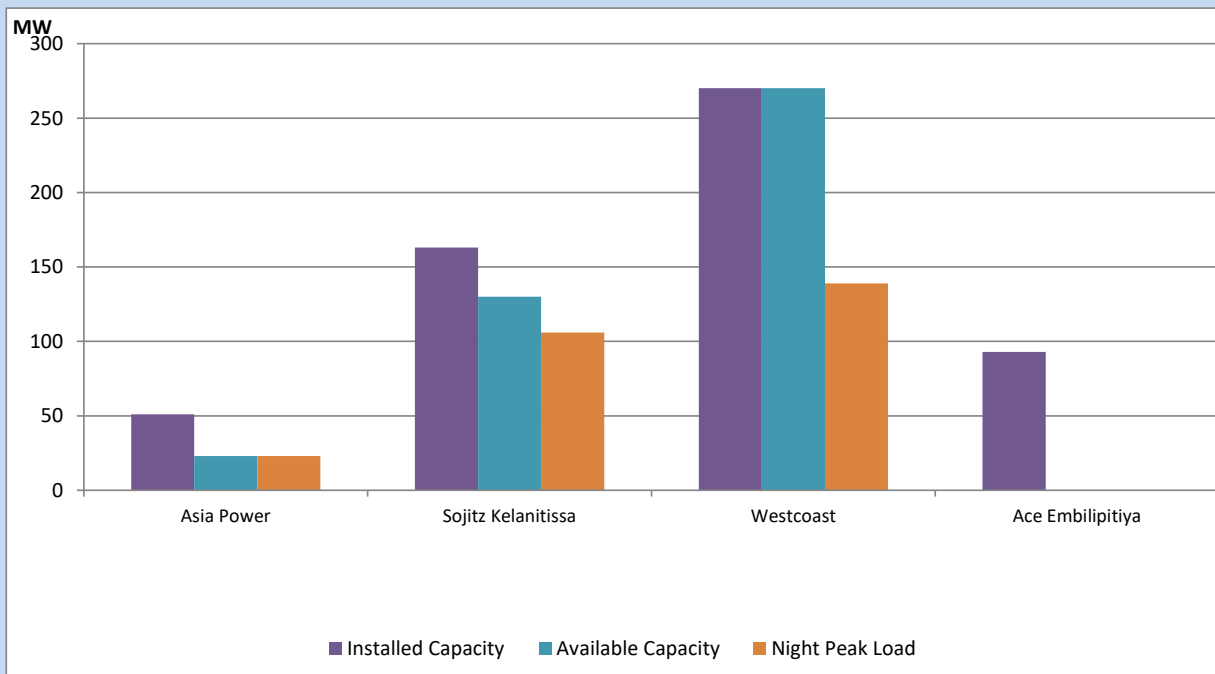
ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

April 9, 2022

IPP owned Thermal Plant Loading at the Night Peak

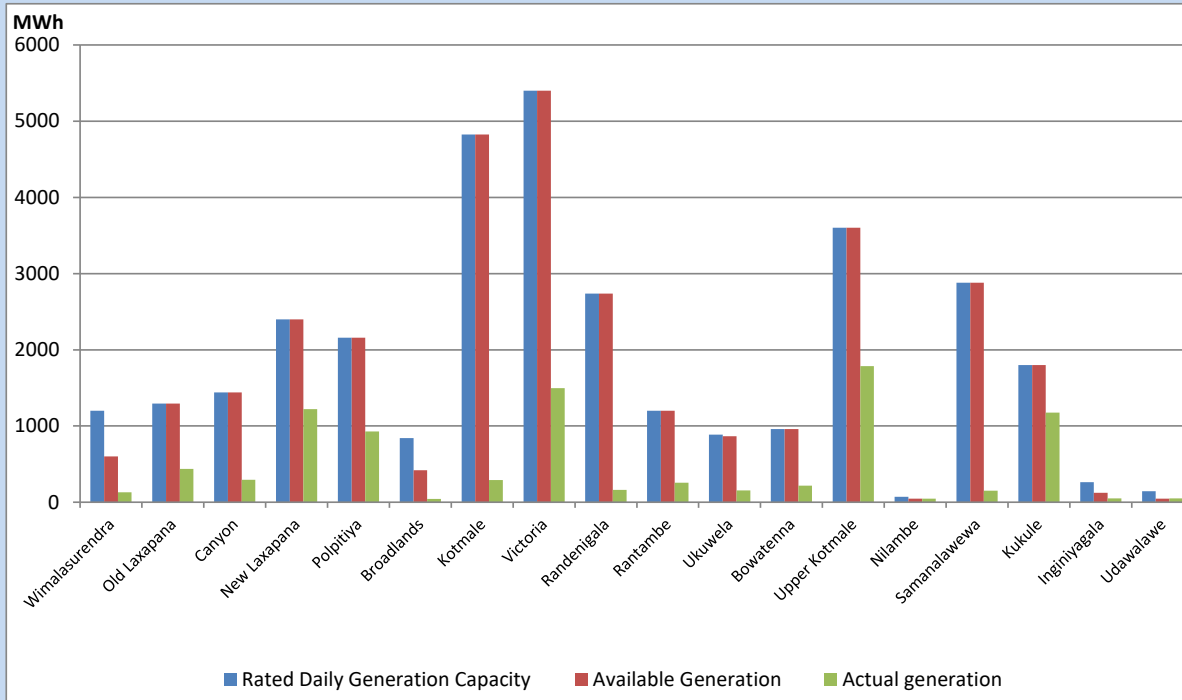


Note- Plant availability is recorded at 6.00 am on

April 9, 2022

Major Hydro Plant Dispatch

April 8, 2022

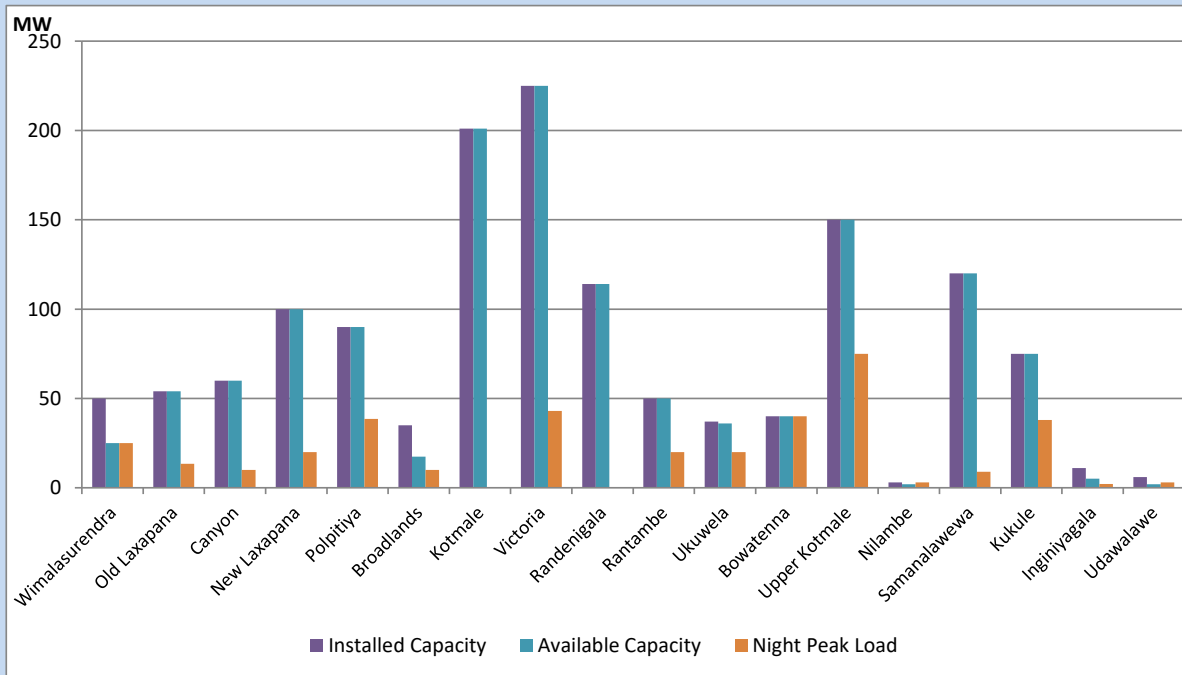


Available Generation is estimated based on plant availability at 6.00am on April 9, 2022
 Broadlands power plant is operating in the Commissioning Stage

April 9, 2022

Major Hydro Plant Loading at Night Peak

April 8, 2022



Note- Plant availability is recorded at 6.00 am on April 9, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

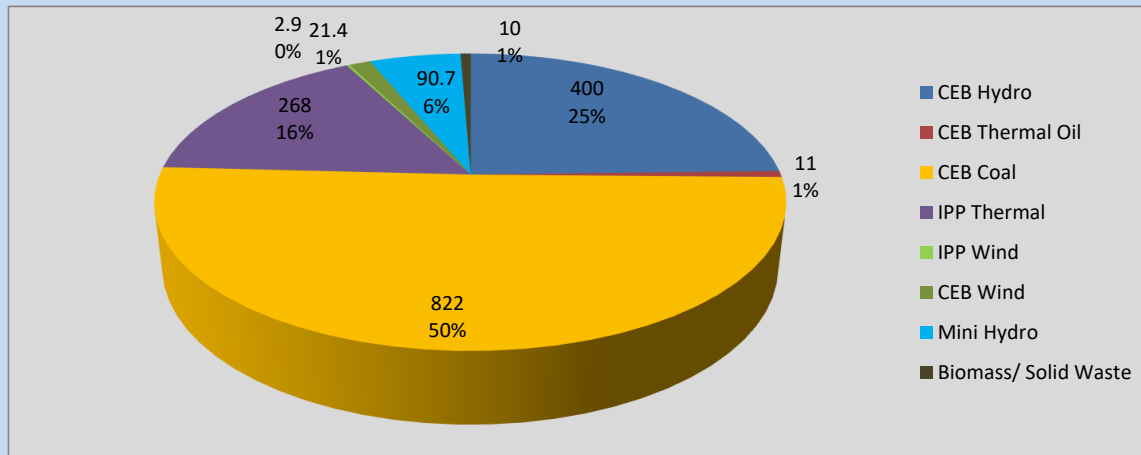
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	131
Old Laxapana	54	54	13	436
Canyon	60	60	10	293
New Laxapana	100	100	20	1,222
Polpitiya	90	90	39	928
Broadlands	35	18	10	44
Kotmale	201	201	0	290
Victoria	225	225	43	1,496
Randenigala	114	114	0	162
Rantambe	50	50	20	256
Ukuwela	37	36	20	153
Bowatenna	40	40	40	218
Upper Kotmale	150	150	75	1,787
Nilambe	3	2	3	47
Samanalawewa	120	120	9	150
Kukule	75	75	38	1,175
Inginiyagala	11	5	2	51
Udawalawe	6	2	3	49
Puttalam Coal I	270	270	276	6,590
Puttalam Coal II	270	270	271	6,516
Puttalam Coal III	270	270	275	6,561
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	0	0	0
CEB-Kolonnawa	20	12	11	208
CEB-Mathugama	20	0	0	28
Asia Power	51	23	23	560
Sojitz Kelanitissa	163	130	106	2,801
West Coast	270	270	139	3,277
ACE Embilipitiya	93	0	0	0
Total	3,424	2,895	1,596	37,522

Plant availability is the availability recorded at 6 am on

April 9, 2022

Contribution to the Night Peak in MW

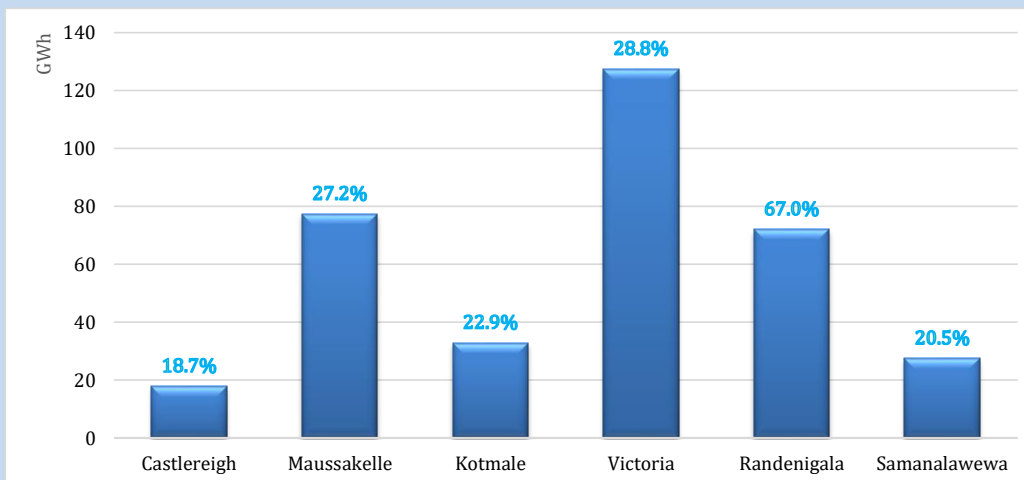
April 8, 2022



Night Peak*	1,625.9 MW
Day Peak	1,758.1 MW
Minimum Demand	1,366.6 MW

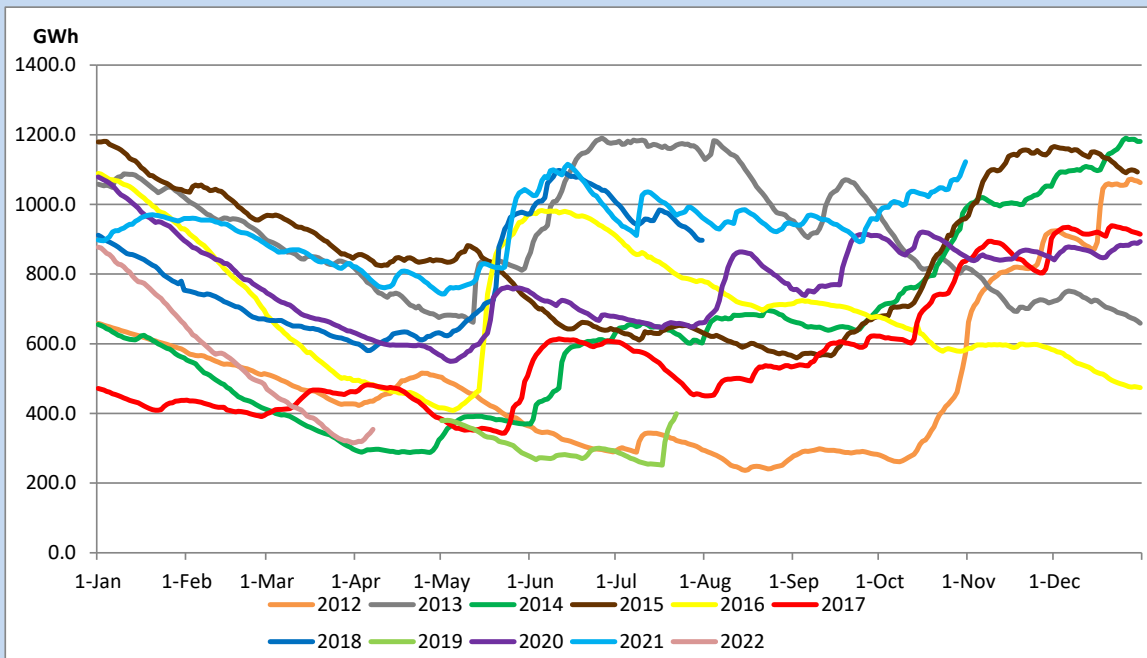
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on April 9, 2022



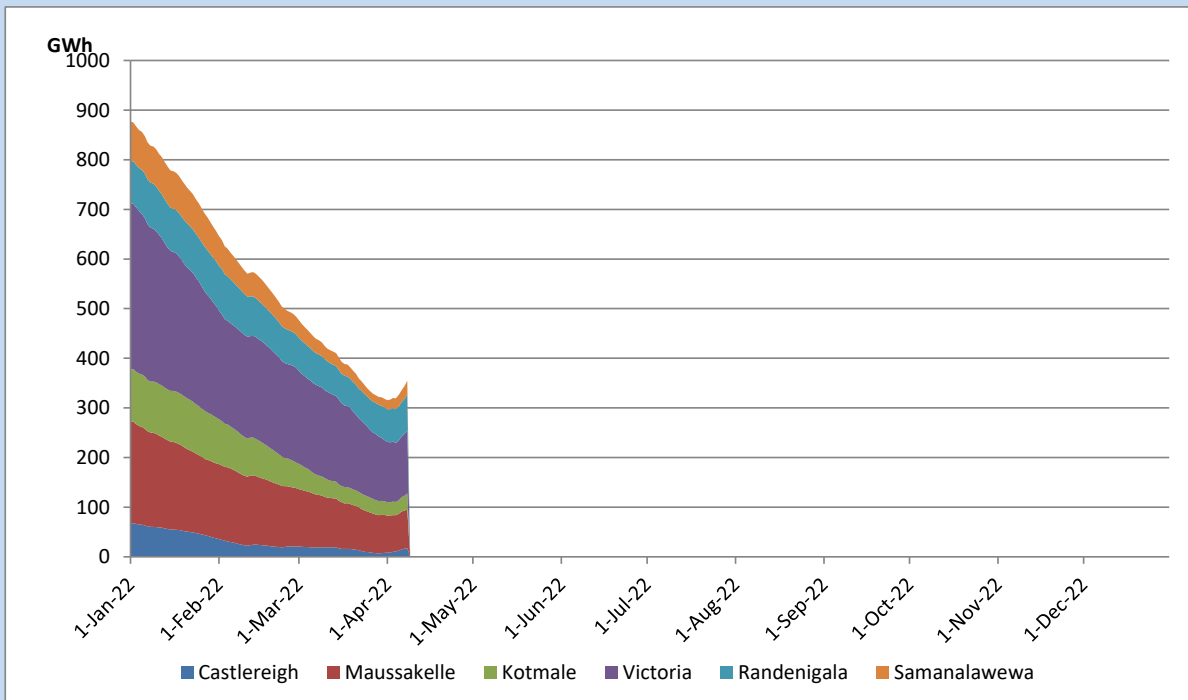
Total Reservoir Level	354.7 GWh
% of Total capacity	30.9%

Comparison of Total Reservoir Storage Levels with Past Years

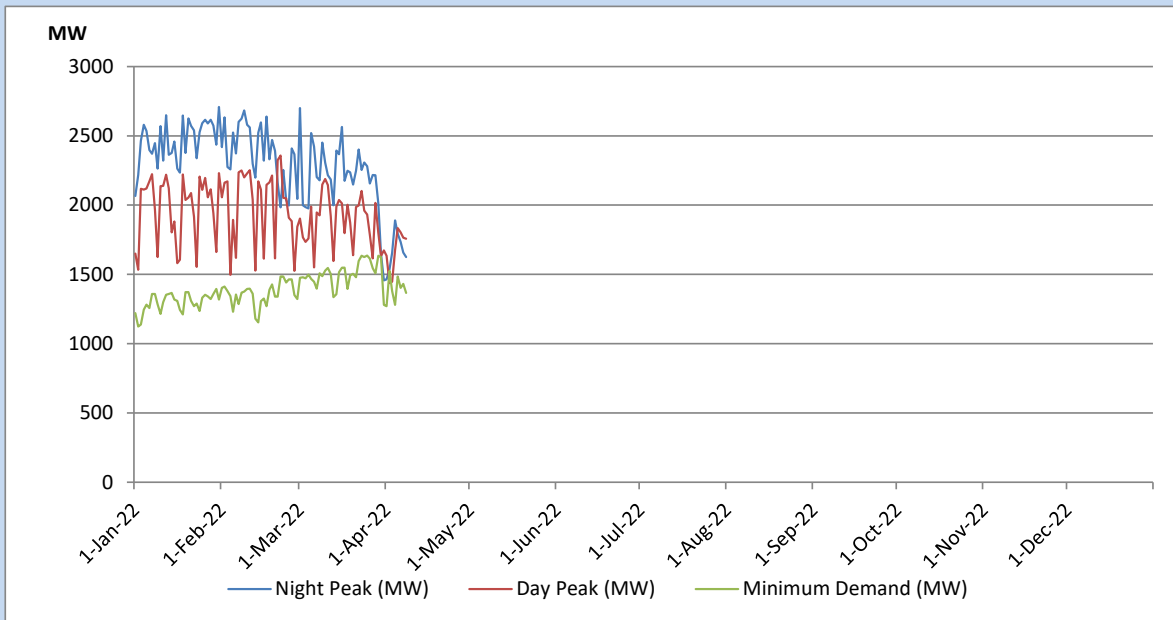


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

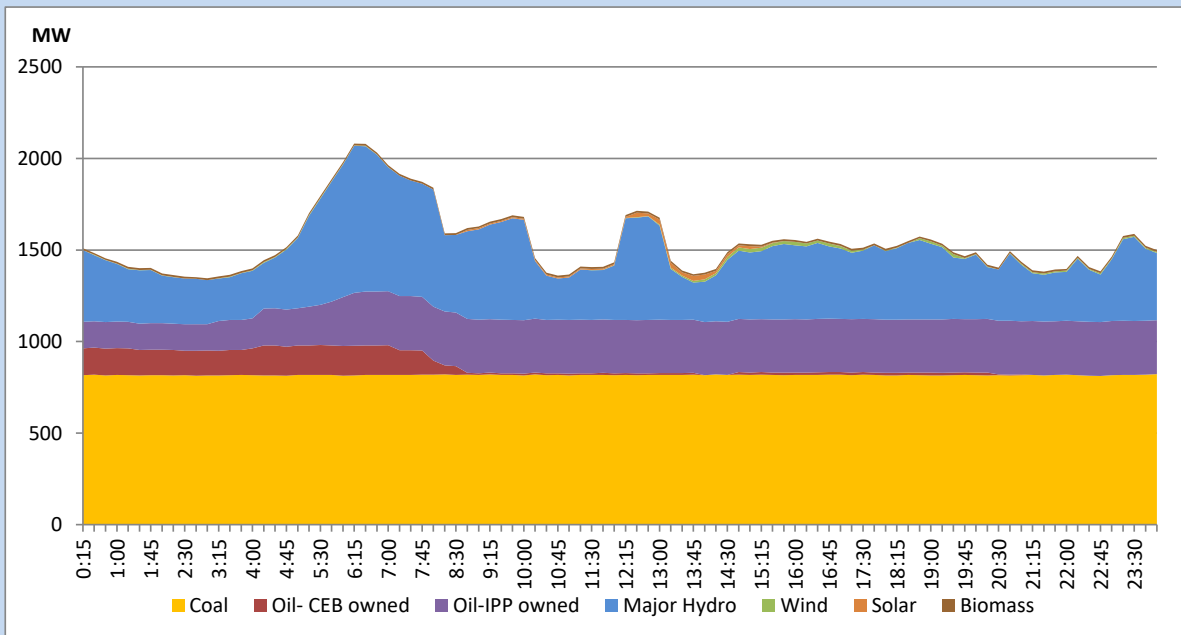


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

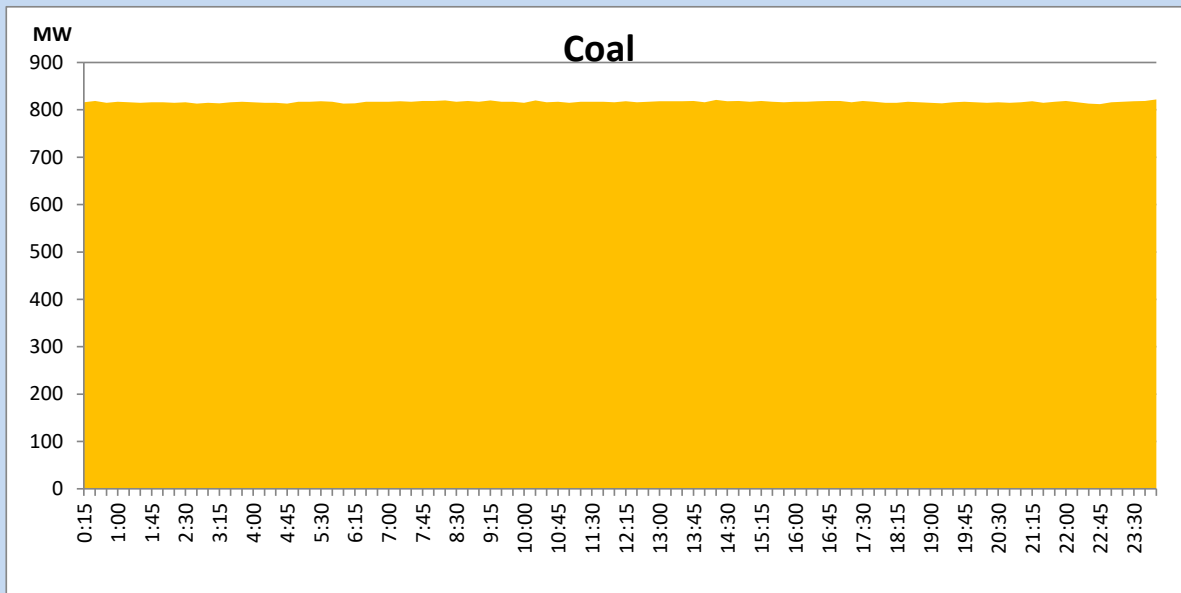
April 7, 2022

Solar and wind data is based on Telemetered Power Stations only



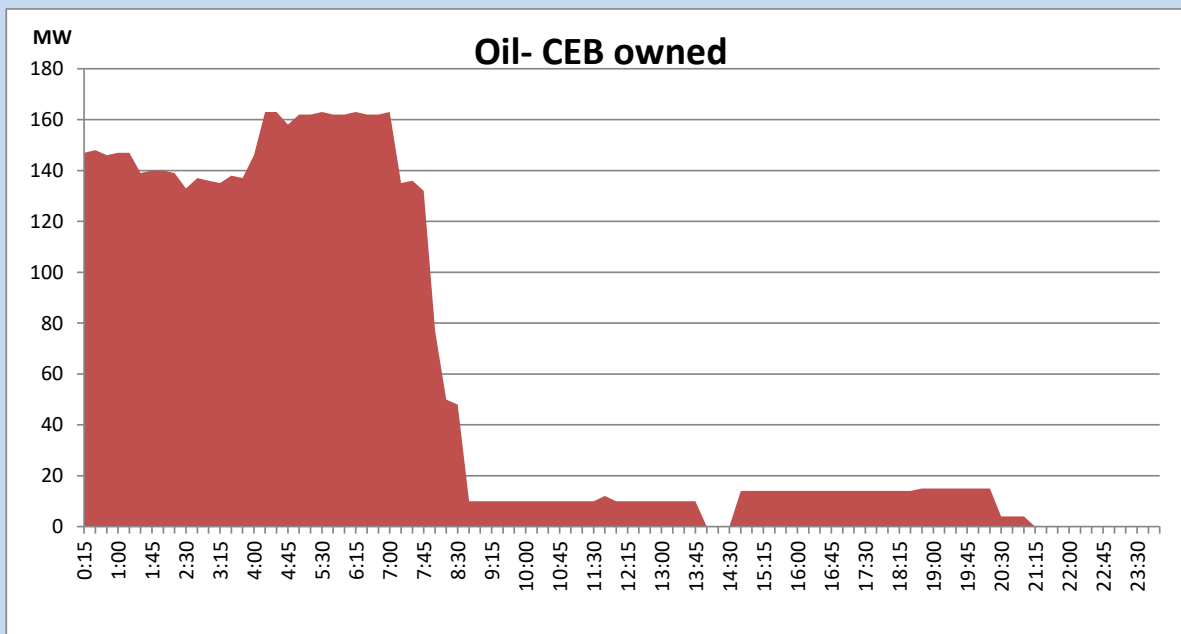
Coal Generation during the Previous day

April 7, 2022



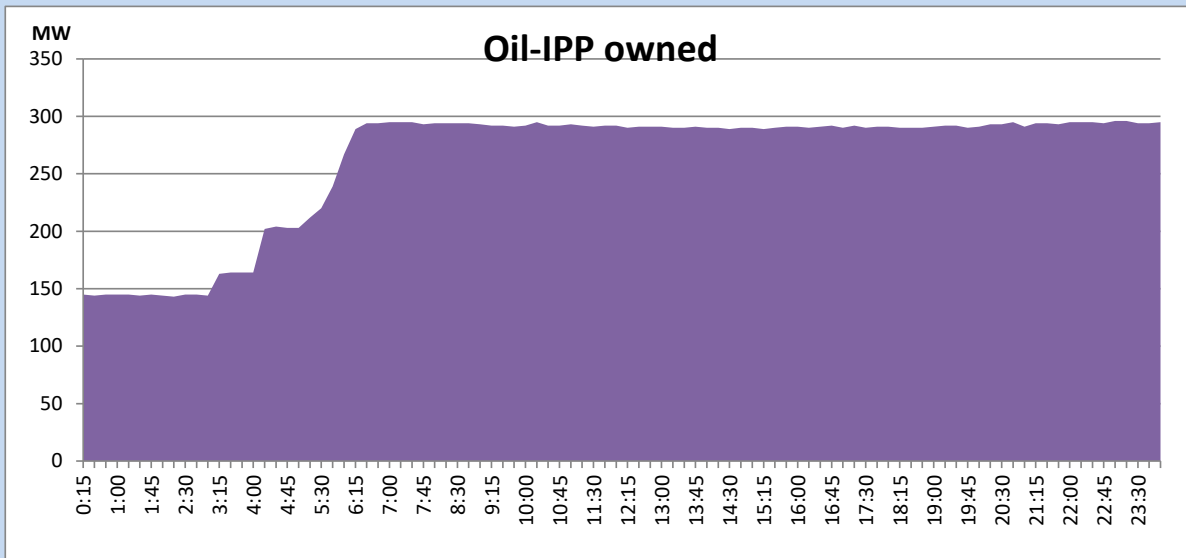
CEB Oil Plant Generation during the Previous day

April 7, 2022



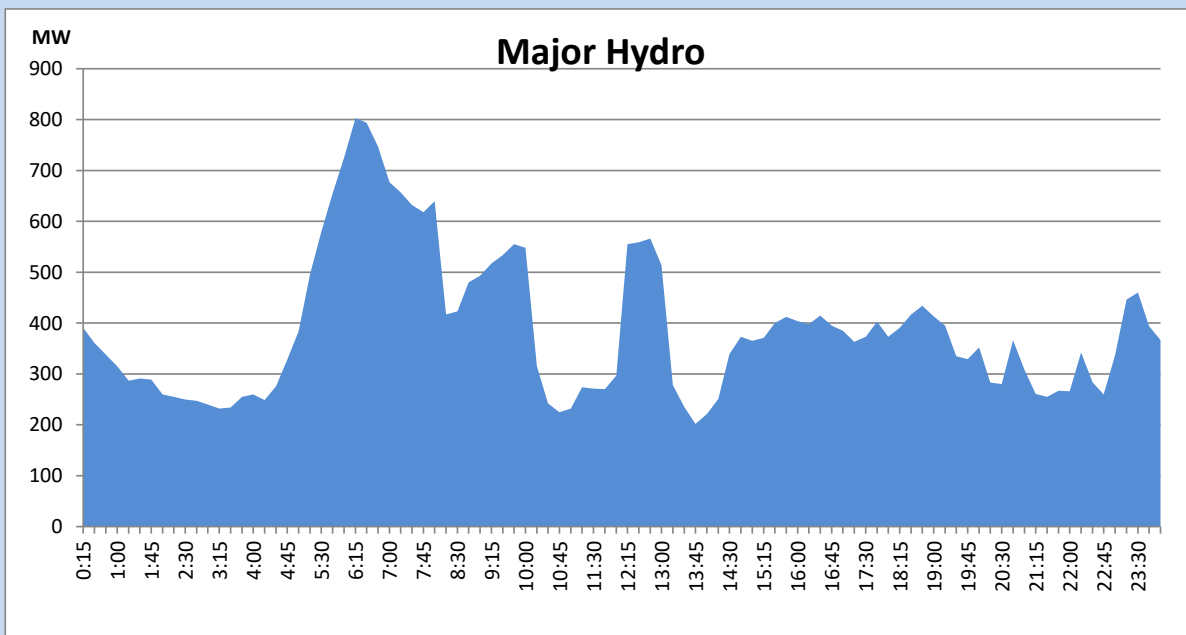
IPP Oil Plant Generation during the Previous day

April 7, 2022



Major Hydro Generation during the Previous day

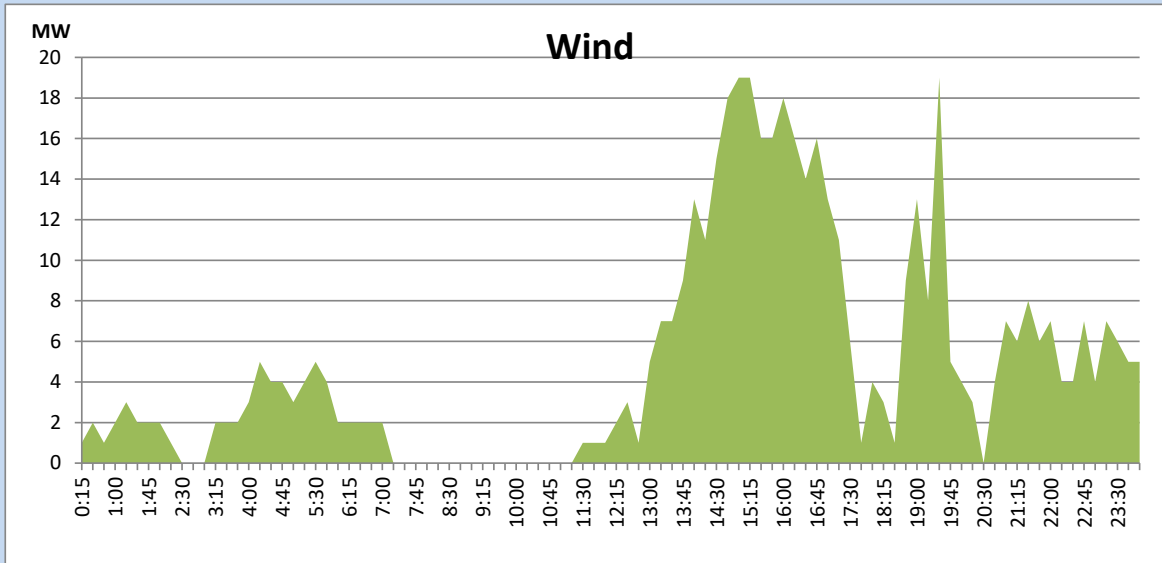
April 7, 2022



Wind Generation during the Previous day

April 7, 2022

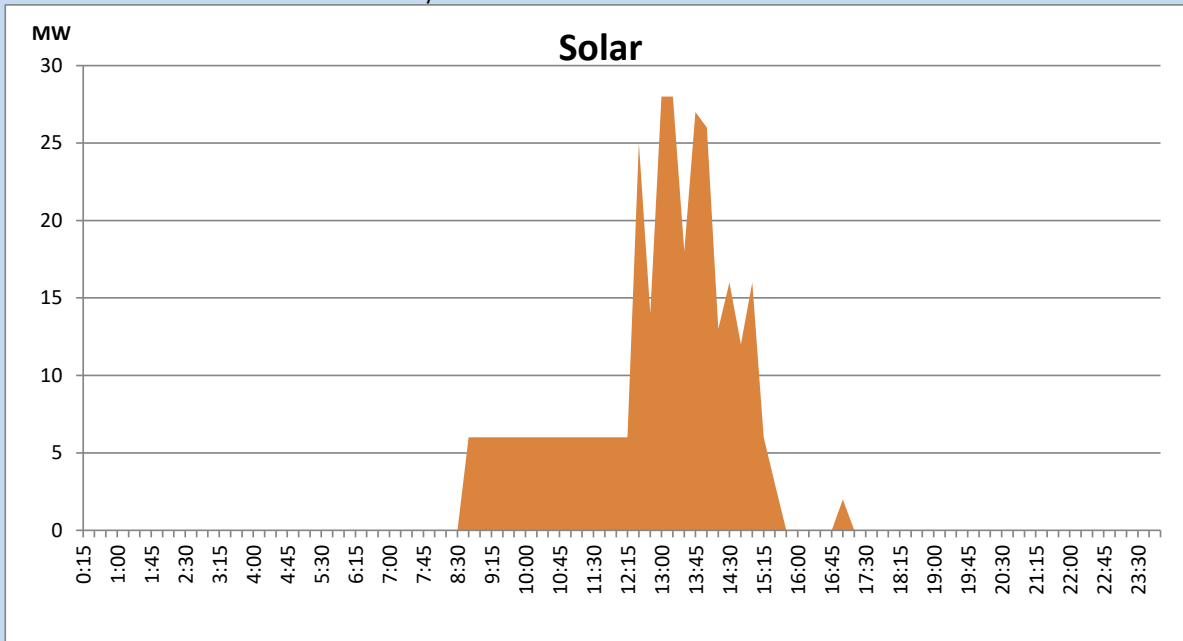
Based on Telemetered Power Stations only



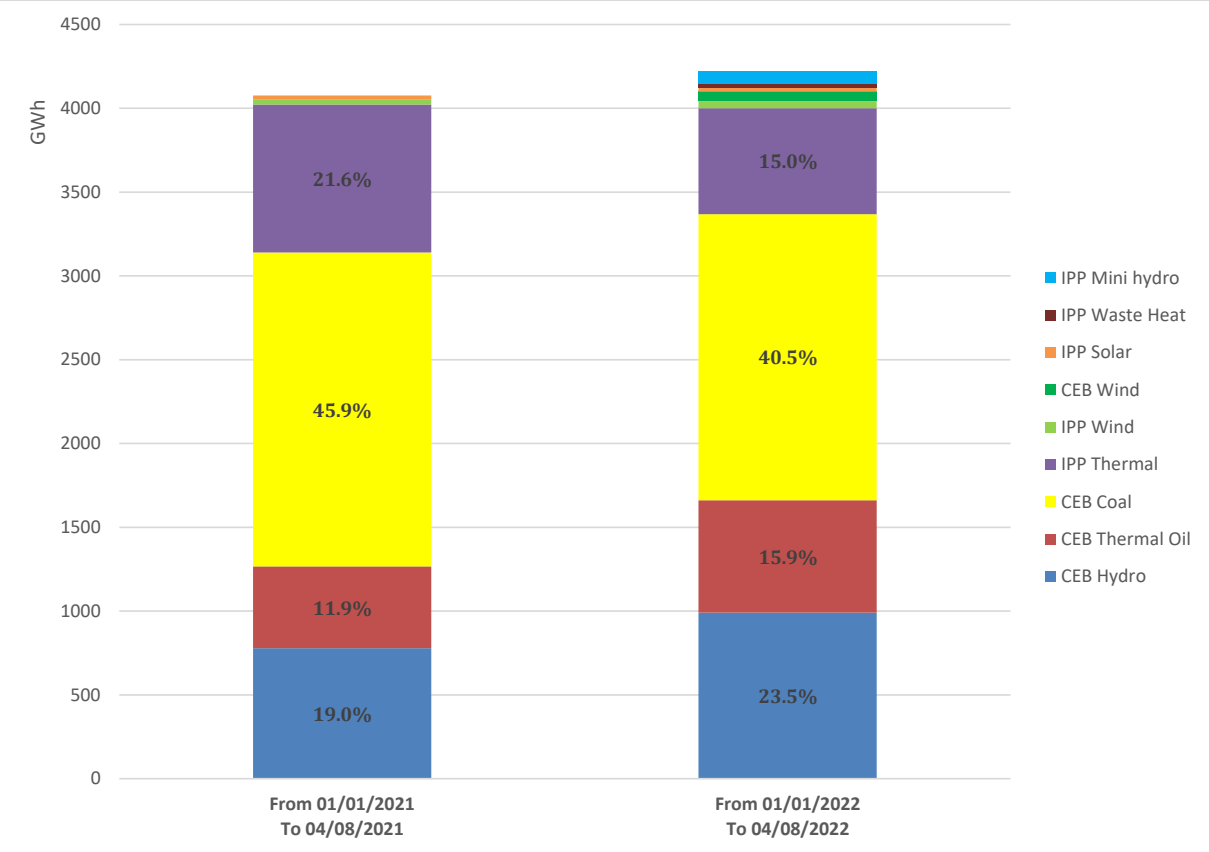
Solar Generation during the Previous day

April 7, 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 9, 2022

- 1) Rotational manual load shedding was carried out from 06:00hrs to 22:30hrs.
- 2) Valachchenai GSS, which has been feeding through Old Habarana GSS was transferred to New Habarana 220/132kV GSS by loading New Haba- Valach cct at 14:53 hrs.
- 3) Ukuwela 132kV B/C tripped immediately at 16:21hrs following energization of B/B 01 after R/M due to arcing in surge arrester. Uku B/B 01 yet to be energized.
- 4) Upper Kothmale unit 02 made available at 17:56 hrs after annual maintenance.