

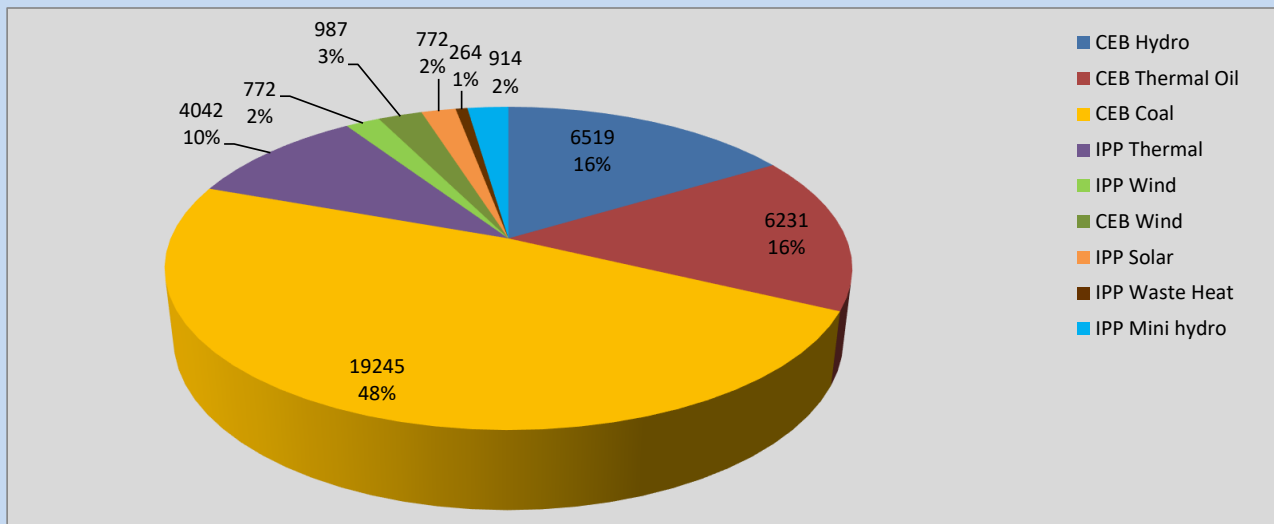
Generation and Reservoirs Statistics

February 27, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **39,329 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

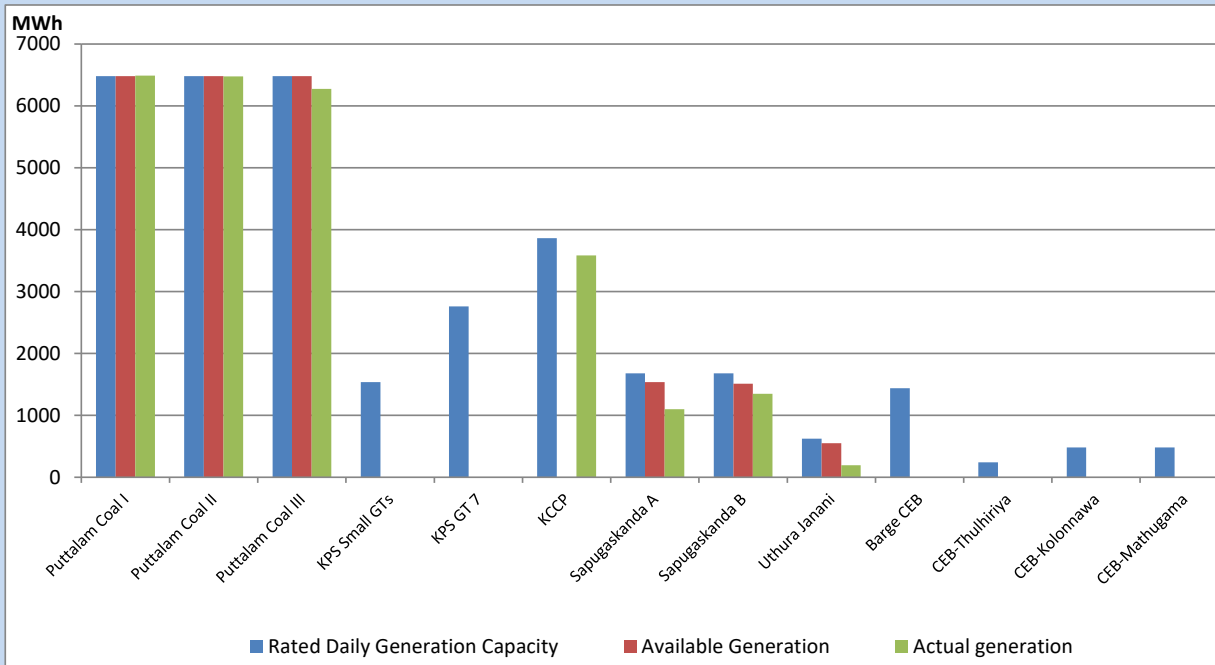
Category	Dispatch (GWh)	Percentage
CEB Hydro	262.9	22.26%
CEB Thermal Oil	164.9	13.96%
CEB Coal	516.7	43.75%
IPP Thermal	178.4	15.11%
SPP Wind	12.2	1.04%
CEB Wind	15.5	1.31%
SPP Solar	6.9	0.59%
SPP Solid Waste	2.7	0.23%
Mini Hydro	20.9	1.77%
Total	1,181.1	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	670.2	26.58%
CEB Thermal Oil	409.0	16.22%
CEB Coal	924.0	36.65%
IPP Thermal	382.5	15.17%
SPP Wind	27.6	1.09%
CEB Wind	33.6	1.33%
SPP Solar	14.9	0.59%
SPP Solid Waste	10.8	0.43%
Mini Hydro	49.0	1.95%
Total	2,521.3	

CEB owned Thermal Plant Dispatch

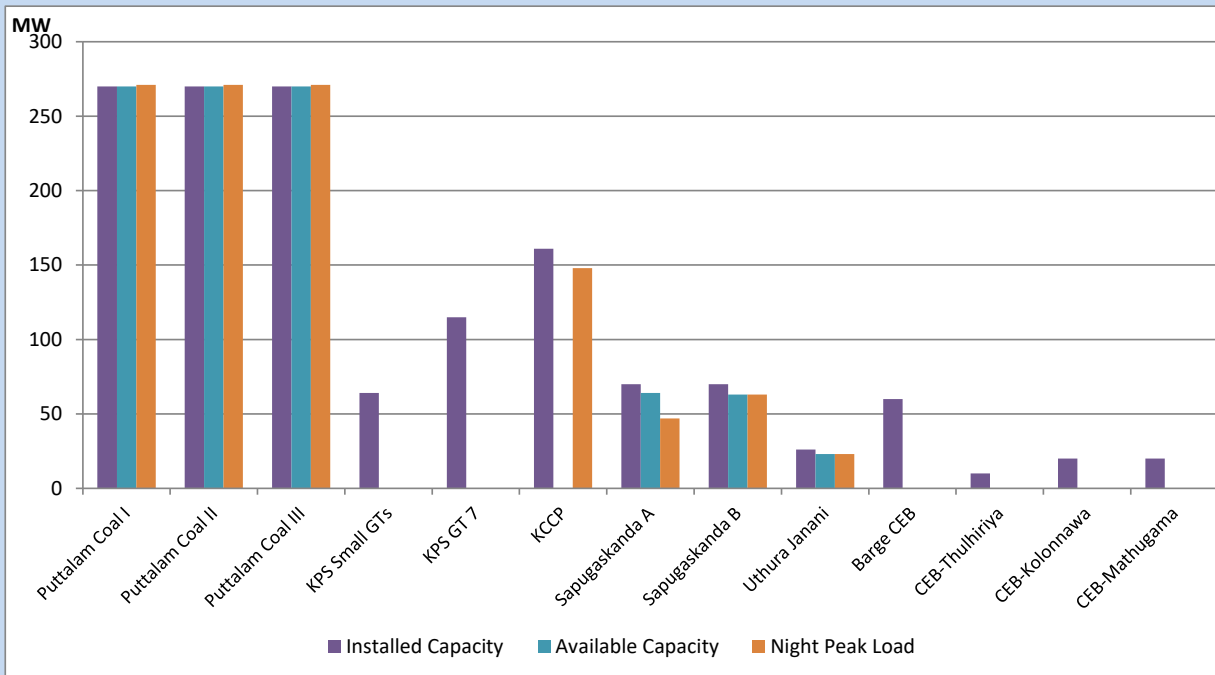
February 27, 2022



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

February 28, 2022

CEB owned Thermal Plant Loading at the Night Peak



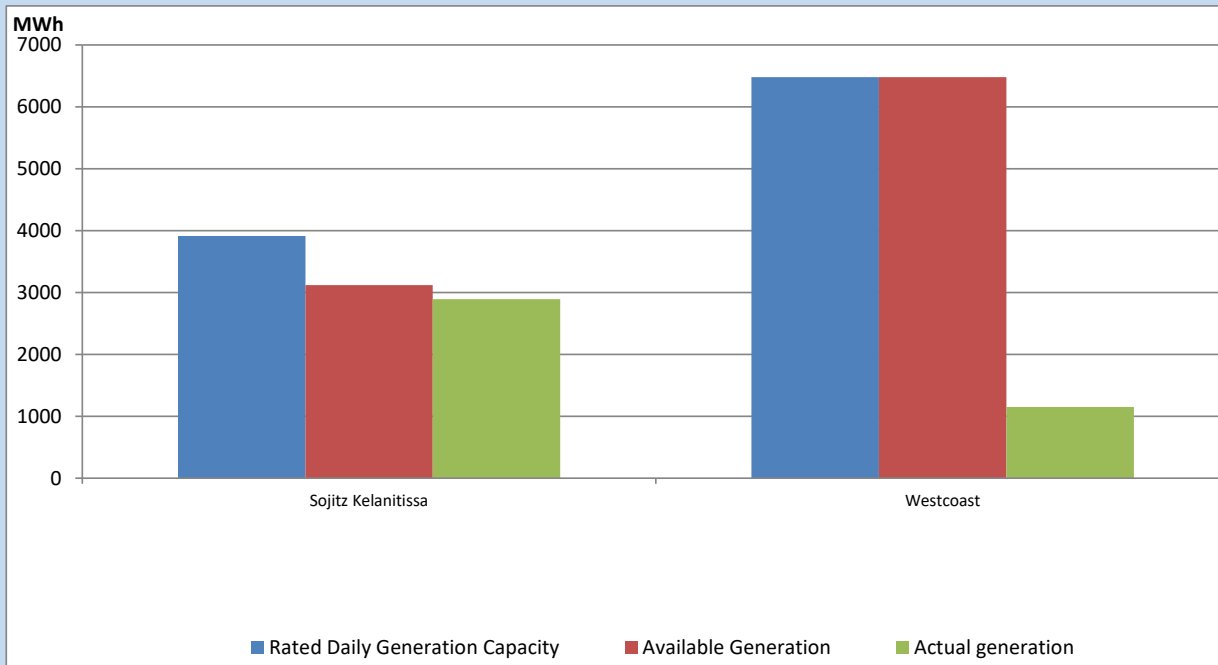
Note- Plant availability is recorded at 6.00 am on

February 28, 2022

IPP owned Thermal Plant Dispatch

February 27, 2022

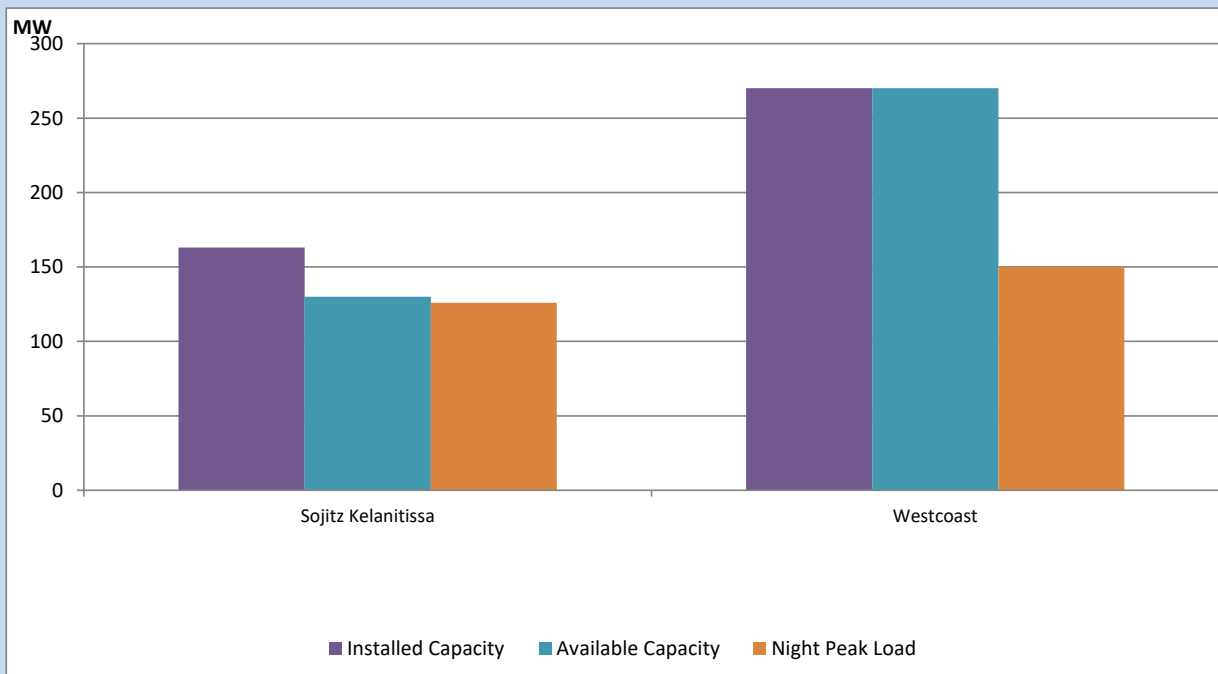
ACE Embilipitiya, ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

February 28, 2022

IPP owned Thermal Plant Loading at the Night Peak

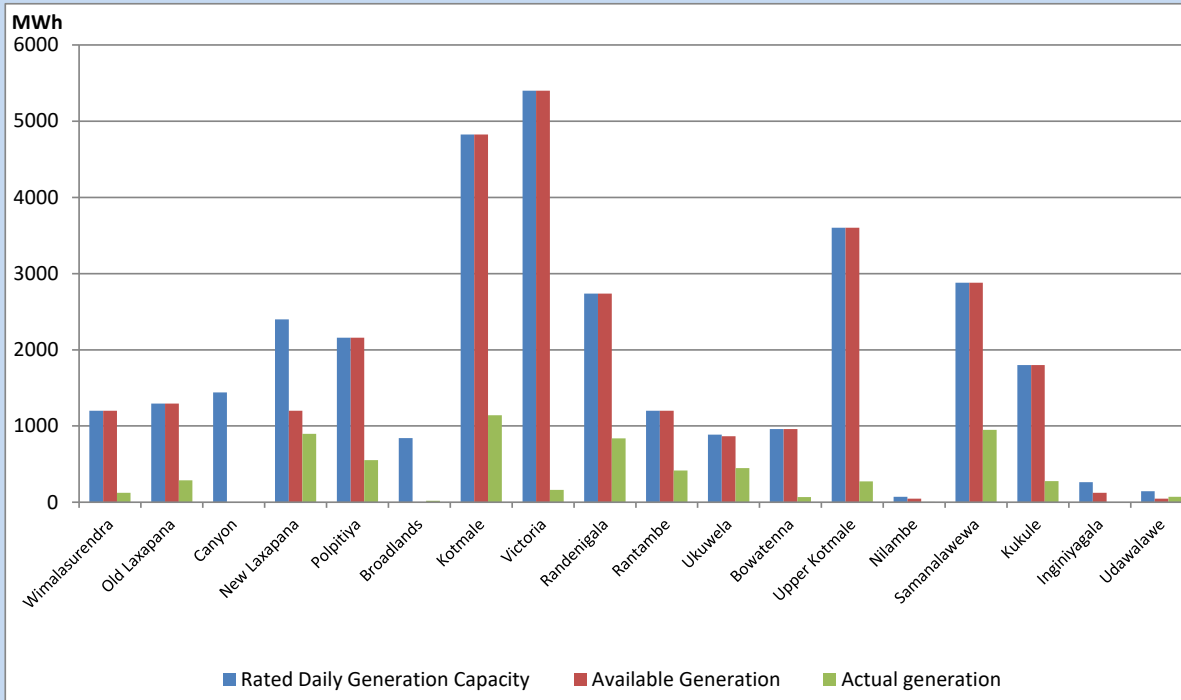


Note- Plant availability is recorded at 6.00 am on

February 28, 2022

Major Hydro Plant Dispatch

February 27, 2022

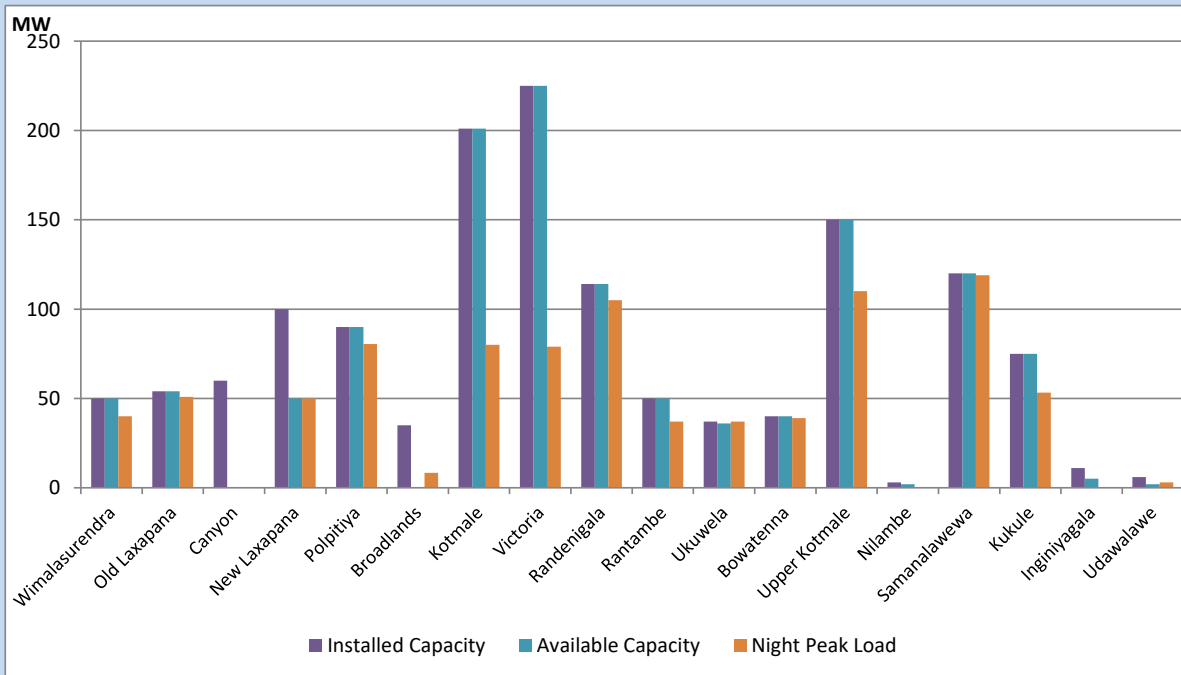


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

February 28, 2022

Major Hydro Plant Loading at Night Peak

February 27, 2022



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

February 28, 2022

Summary of Major Plant performance

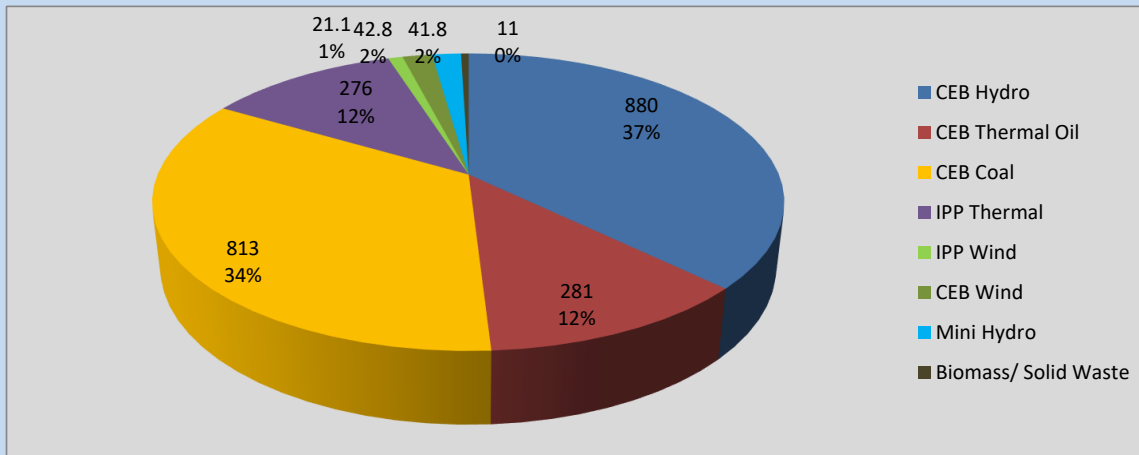
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	40	123
Old Laxapana	54	54	51	286
Canyon	60	0	0	0
New Laxapana	100	50	50	898
Polpitiya	90	90	81	551
Broadlands	35	0	8	19
Kotmale	201	201	80	1,140
Victoria	225	225	79	162
Randenigala	114	114	105	838
Rantambe	50	50	37	415
Ukuwela	37	36	37	446
Bowatenna	40	40	39	67
Upper Kotmale	150	150	110	273
Nilambe	3	2	0	3
Samanalawewa	120	120	119	951
Kukule	75	75	53	277
Inginiyagala	11	5	0	0
Udawalawe	6	2	3	70
Puttalam Coal I	270	270	271	6,490
Puttalam Coal II	270	270	271	6,478
Puttalam Coal III	270	270	271	6,277
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	0	148	3,586
Sapugaskanda A	70	64	47	1,101
Sapugaskanda B	70	63	63	1,349
Uthura Janani	26	23	23	195
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	0	0	0
Sojitz Kelanitissa	163	130	126	2,893
West Coast	270	270	150	1,149
Total	3,280	2,624	2,379	39,329

Plant availability is the availability recorded at 6 am on

February 28, 2022

Contribution to the Night Peak in MW

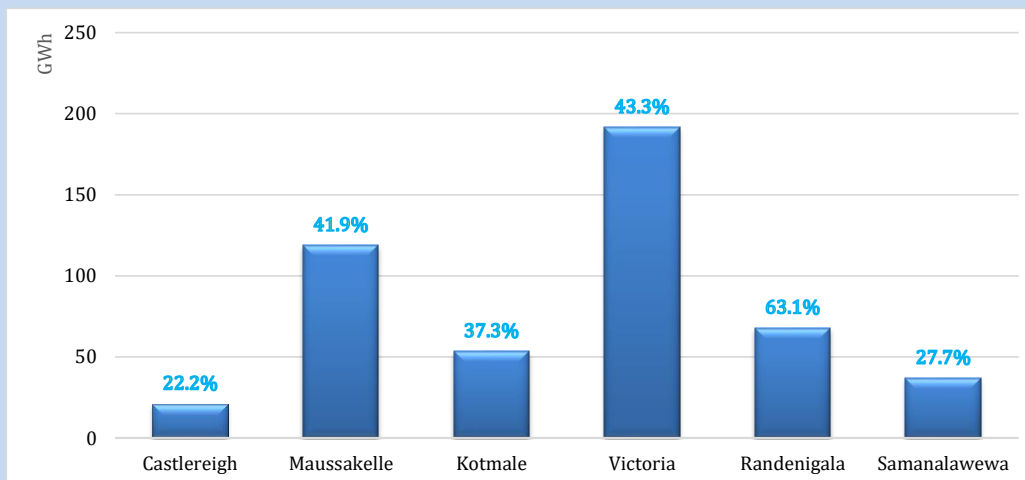
February 27, 2022



Night Peak*	2,366.6 MW
Day Peak	1,525.2 MW
Minimum Demand	1,352.0 MW

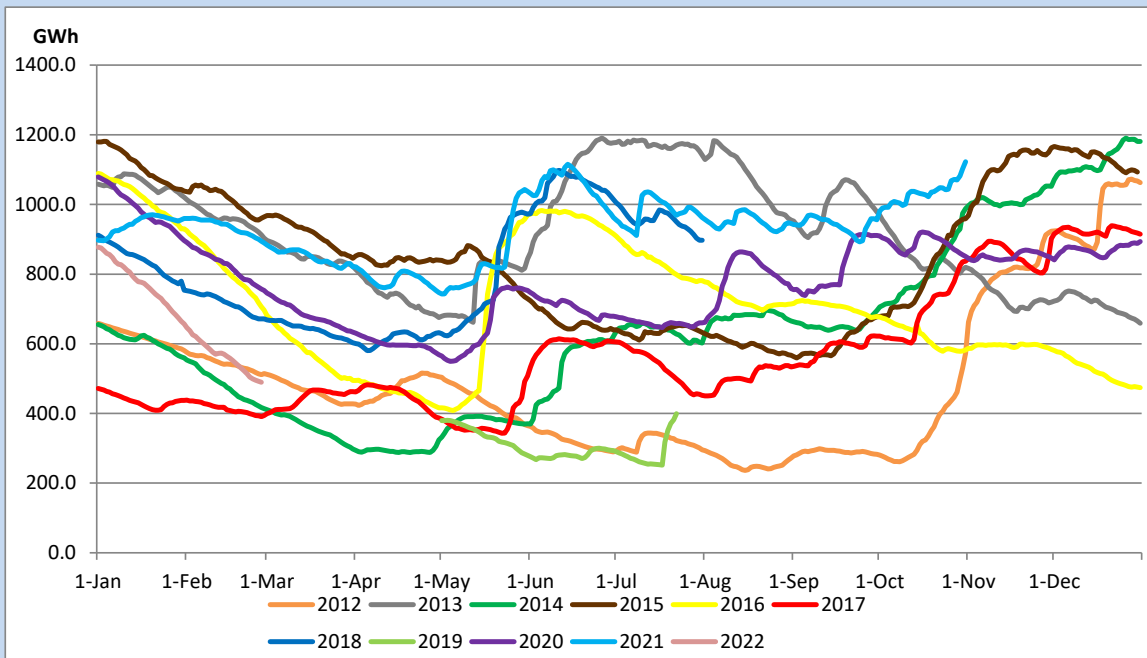
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

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



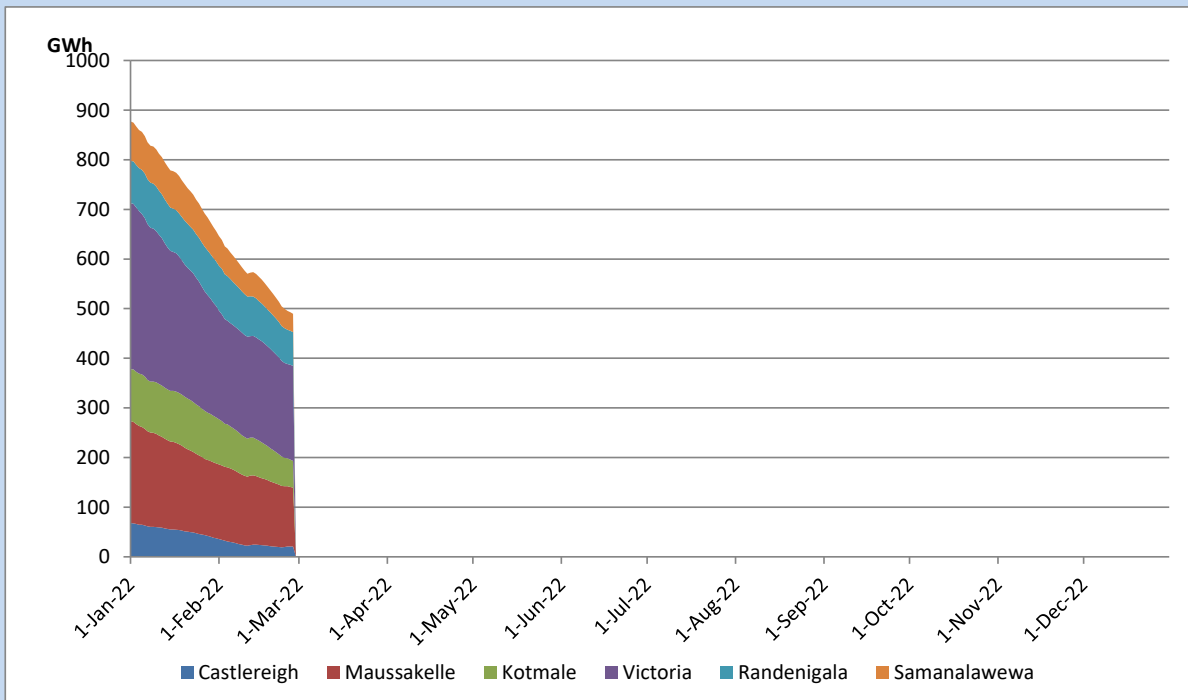
Total Reservoir Level	489.6 GWh
% of Total capacity	39.3%

Comparison of Total Reservoir Storage Levels with Past Years

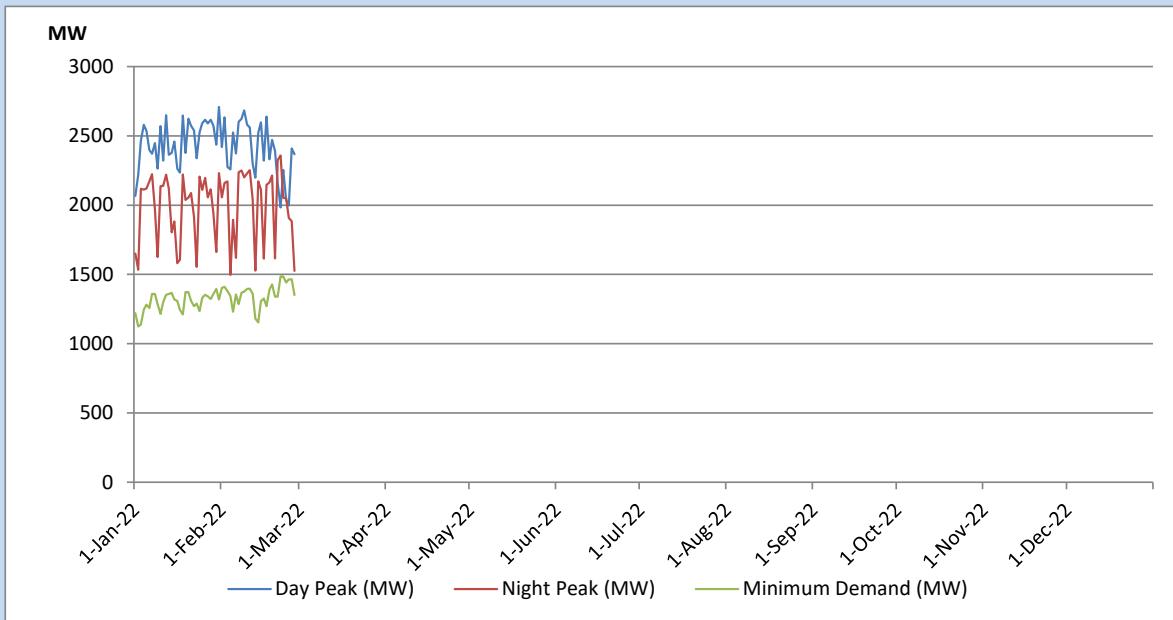


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

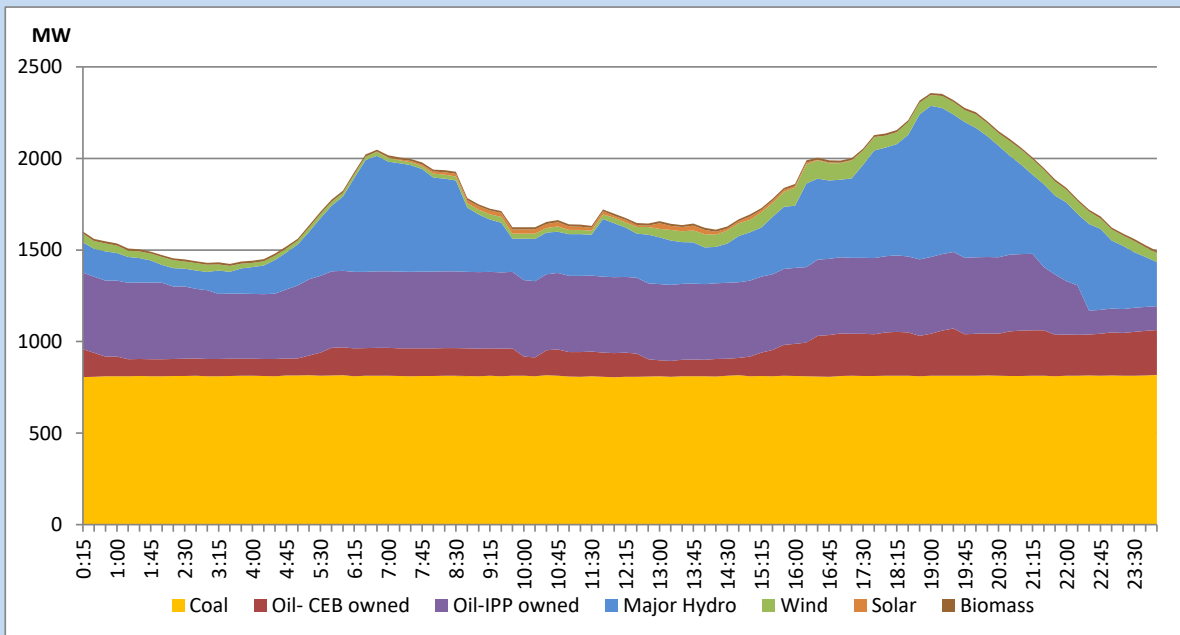


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

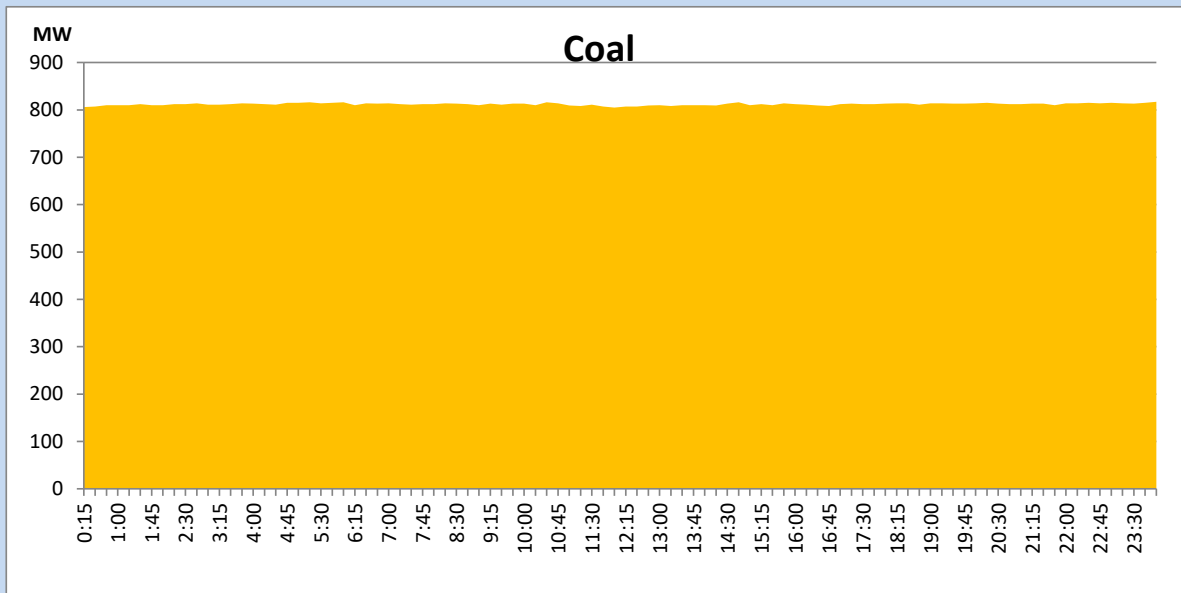
February 26, 2022

Solar and wind data is based on Telemetered Power Stations only



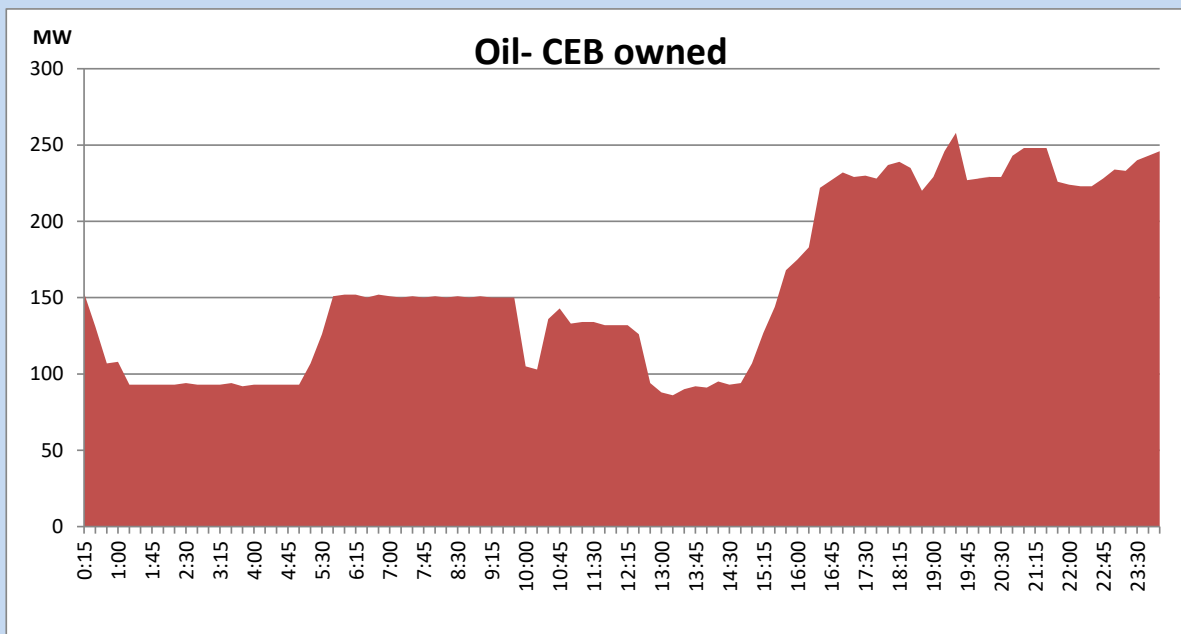
Coal Generation during the Previous day

February 26, 2022



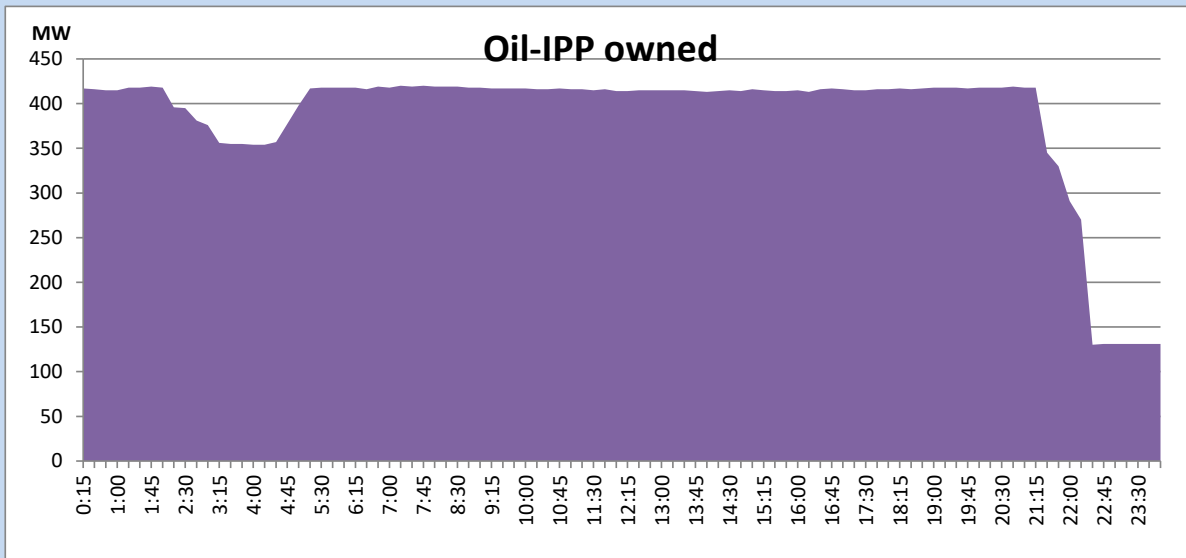
CEB Oil Plant Generation during the Previous day

February 26, 2022



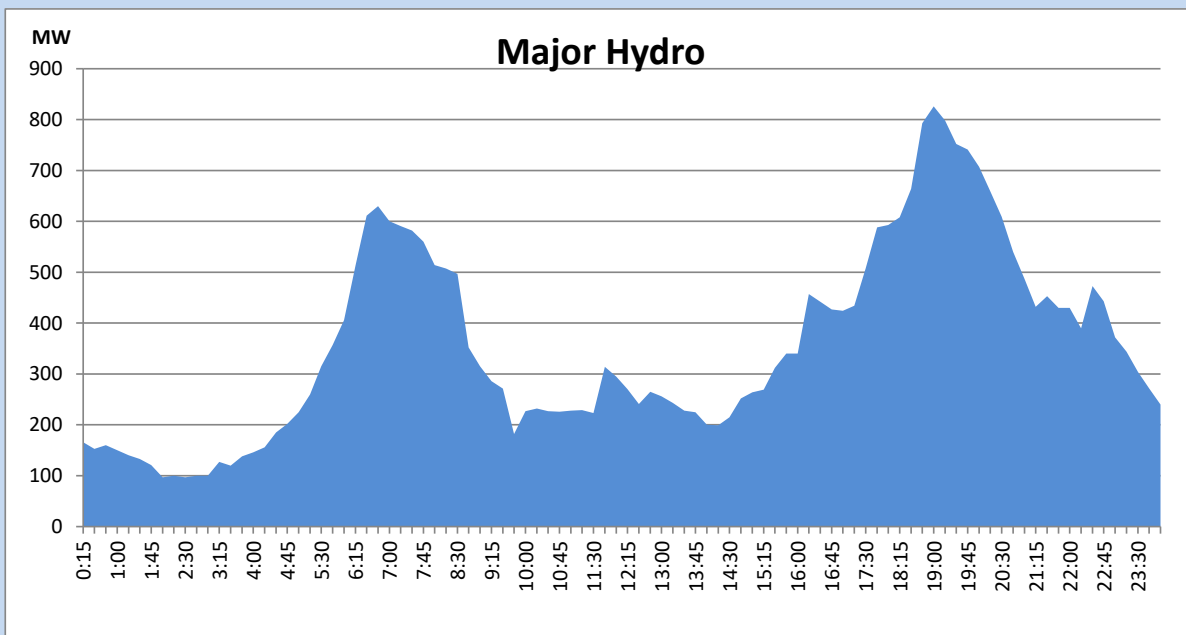
IPP Oil Plant Generation during the Previous day

February 26, 2022



Major Hydro Generation during the Previous day

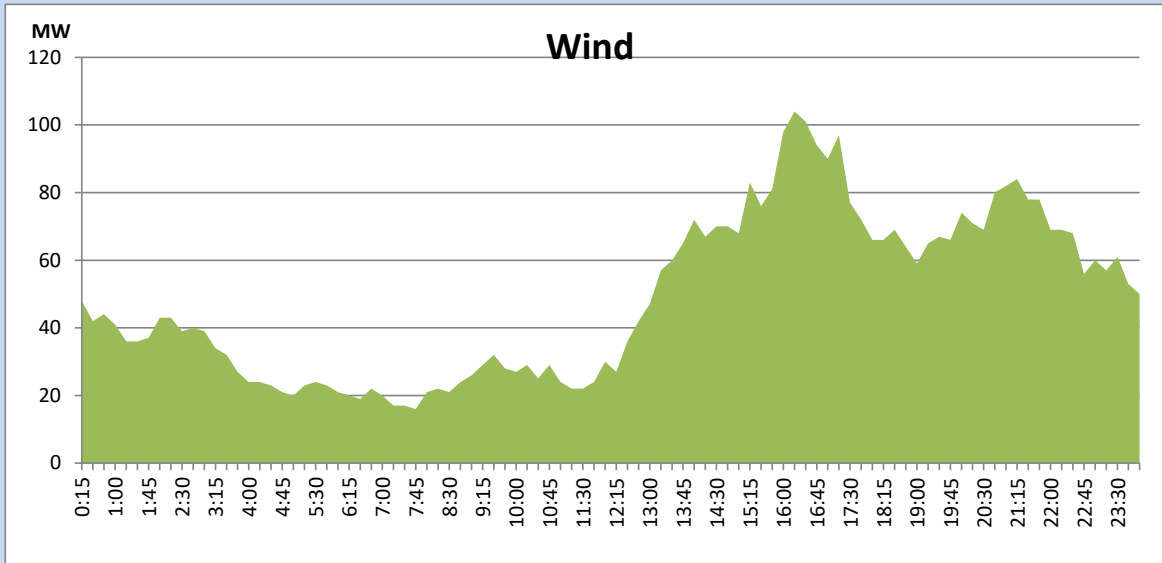
February 26, 2022



Wind Generation during the Previous day

February 26, 2022

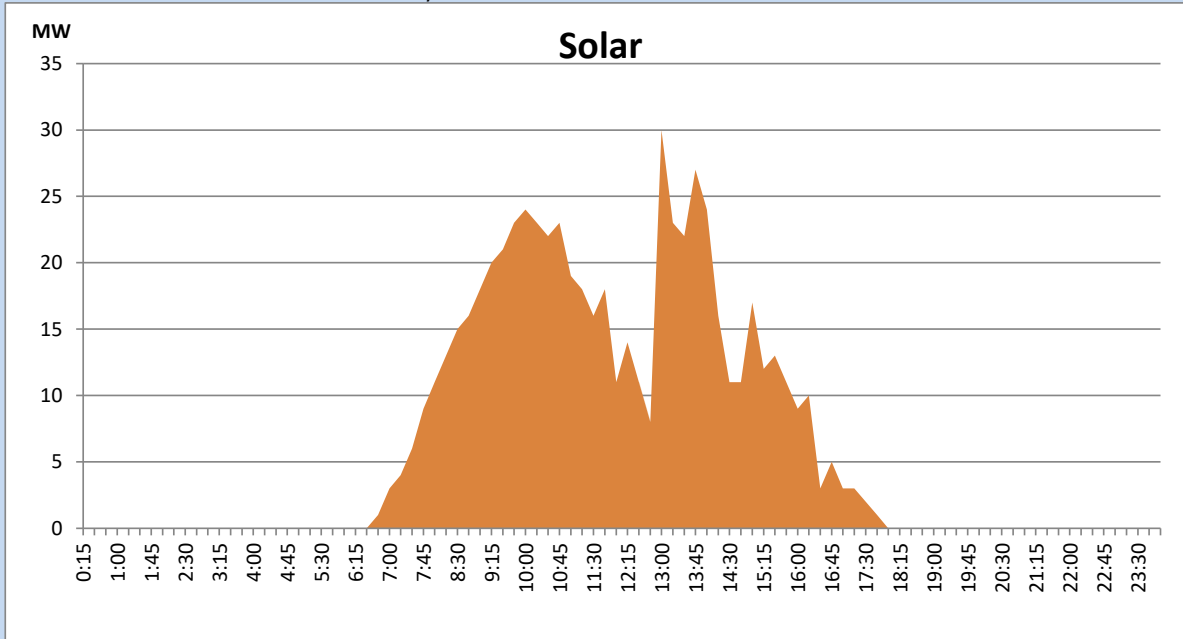
Based on Telemetered Power Stations only



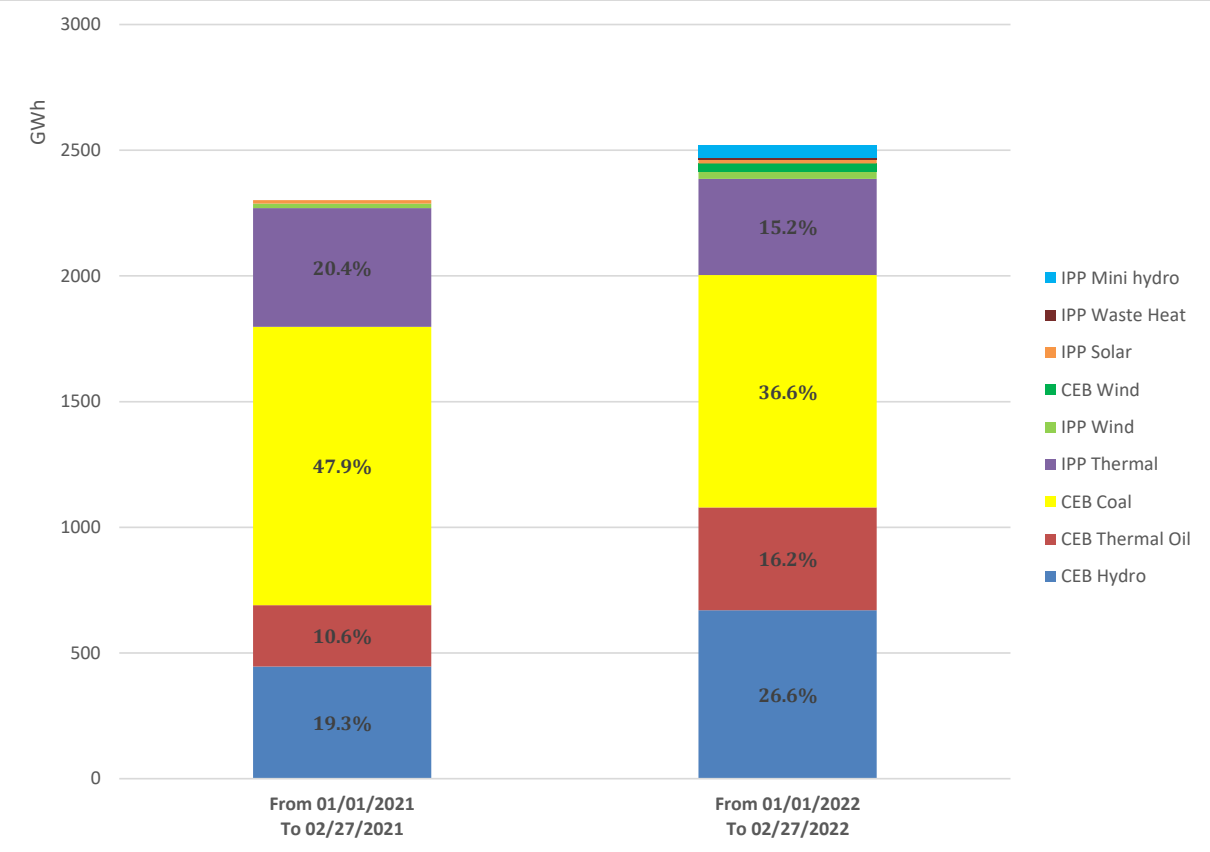
Solar Generation during the Previous day

February 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 & 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	Auto Diesel

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

February 28, 2022

- 1) Rotational manual load shedding was carried out from 08:30hrs to 16:30hrs .
- 2) Rathnapura Balangoda 132 kV cct auto reclosed at 15:56hrs.
- 3) Sapu A unit 04 tripped at 16:43hrs and restored at 20:23hrs.
- 4) Sapu A unit 04 tripped at 20:48hrs and restored at 04:28hrs on 28/02/2022.