

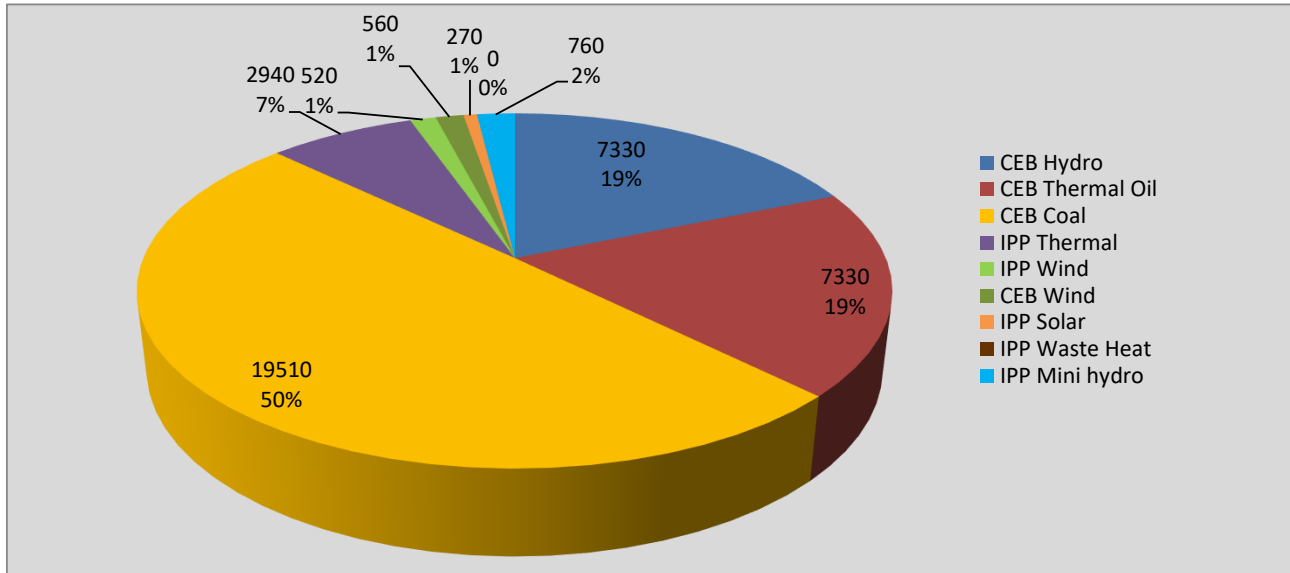
Generation and Reservoirs Statistics

February 16, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **39,220 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

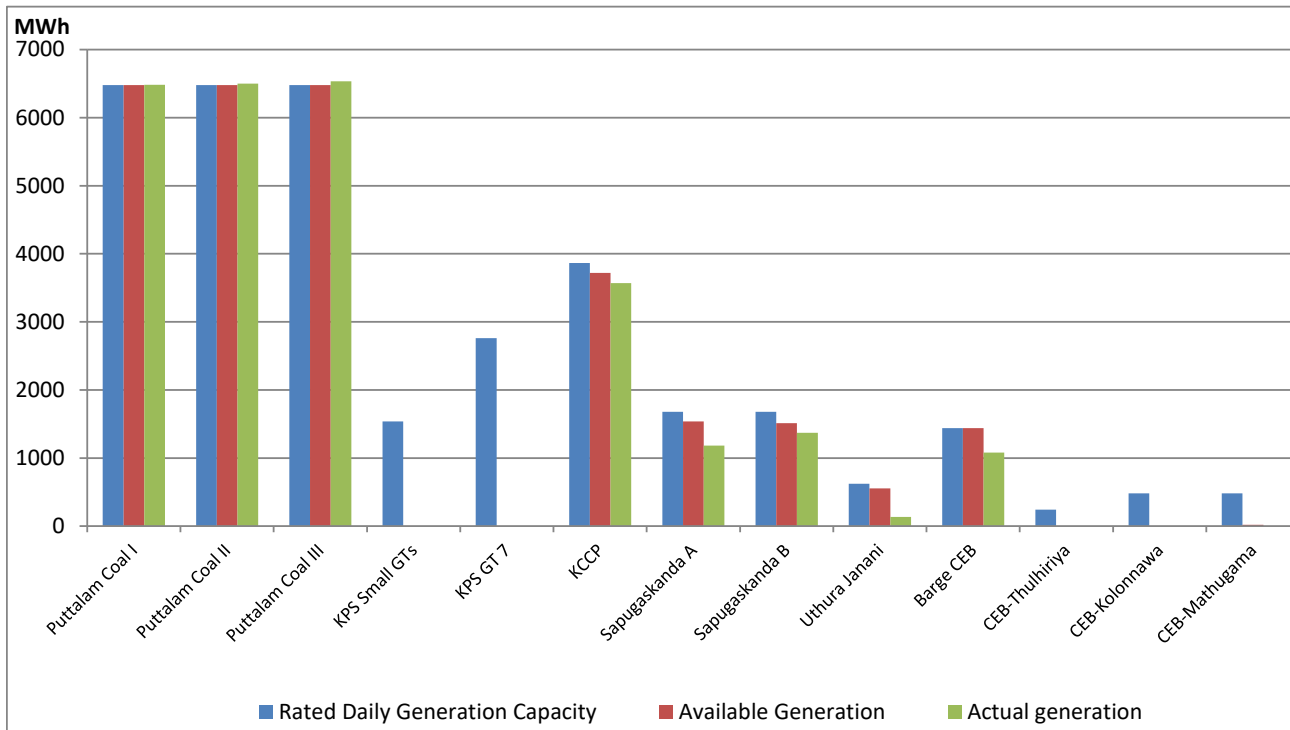
Category	Dispatch (GWh)	
CEB Hydro	162.4	23.26%
CEB Thermal Oil	98.7	14.13%
CEB Coal	302.3	43.29%
IPP Thermal	101.0	14.46%
SPP Wind	7.4	1.06%
CEB Wind	8.9	1.27%
SPP Solar	3.9	0.56%
SPP Solid Waste	1.3	0.18%
Mini Hydro	12.5	1.80%
Total	698.4	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	569.7	27.95%
CEB Thermal Oil	342.8	16.82%
CEB Coal	709.6	34.81%
IPP Thermal	305.0	14.96%
SPP Wind	22.7	1.11%
CEB Wind	27.0	1.32%
SPP Solar	11.9	0.58%
SPP Solid Waste	9.4	0.46%
Mini Hydro	40.7	2.00%
Total	2,038.6	

CEB owned Thermal Plant Dispatch

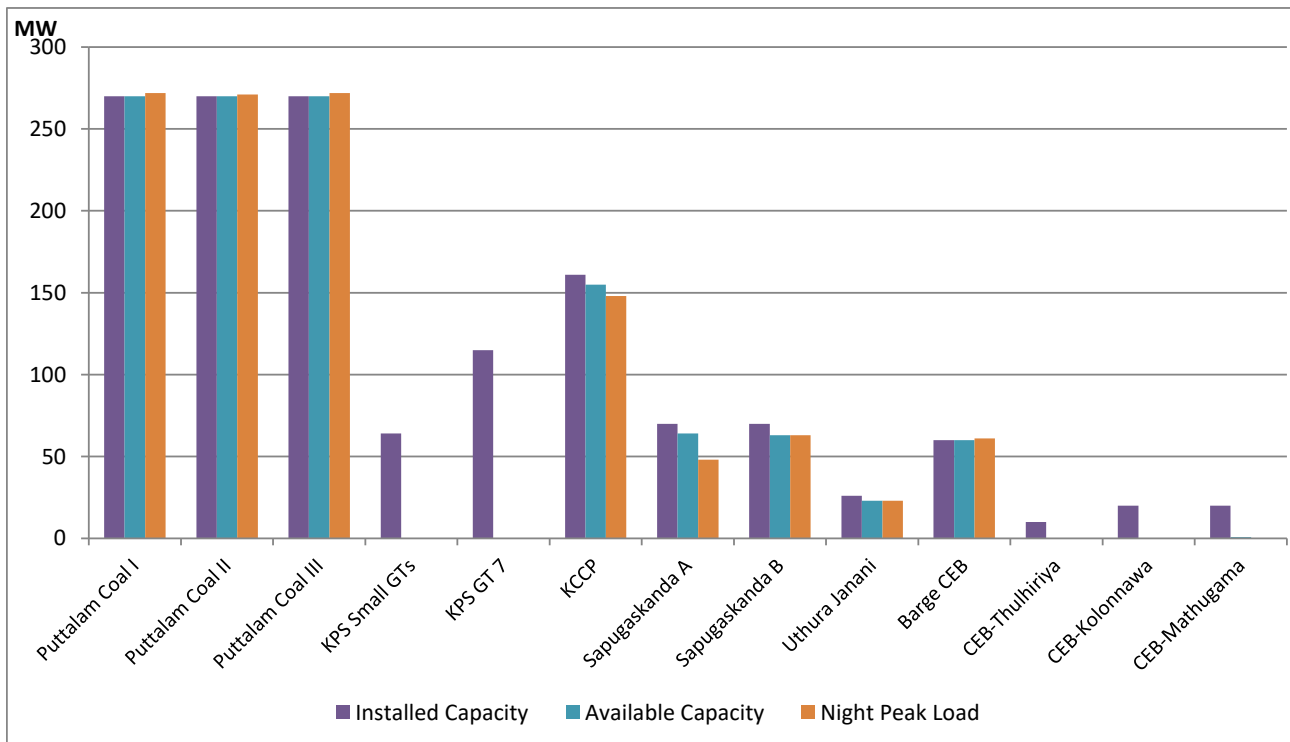
February 16, 2022



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

February 17, 2022

CEB owned Thermal Plant Loading at the Night Peak



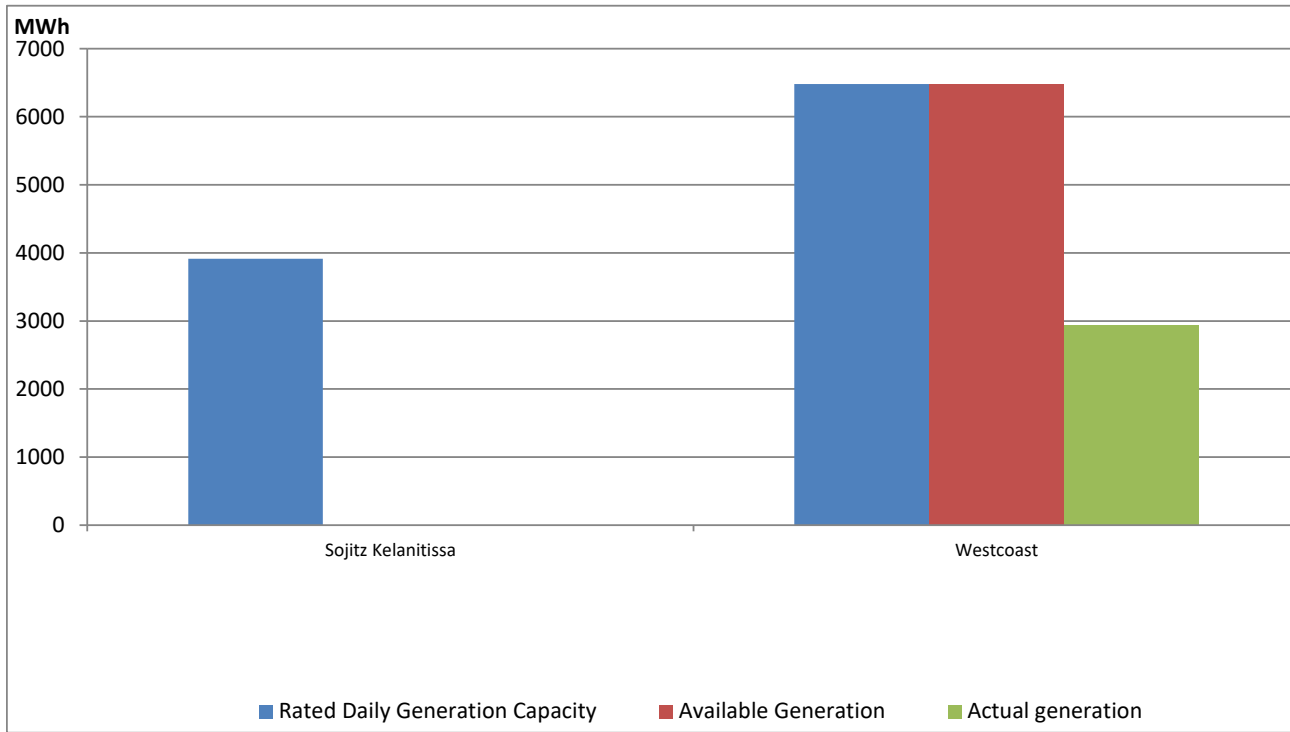
Note- Plant availability is recorded at 6.00 am on

February 17, 2022

IPP owned Thermal Plant Dispatch

February 16, 2022

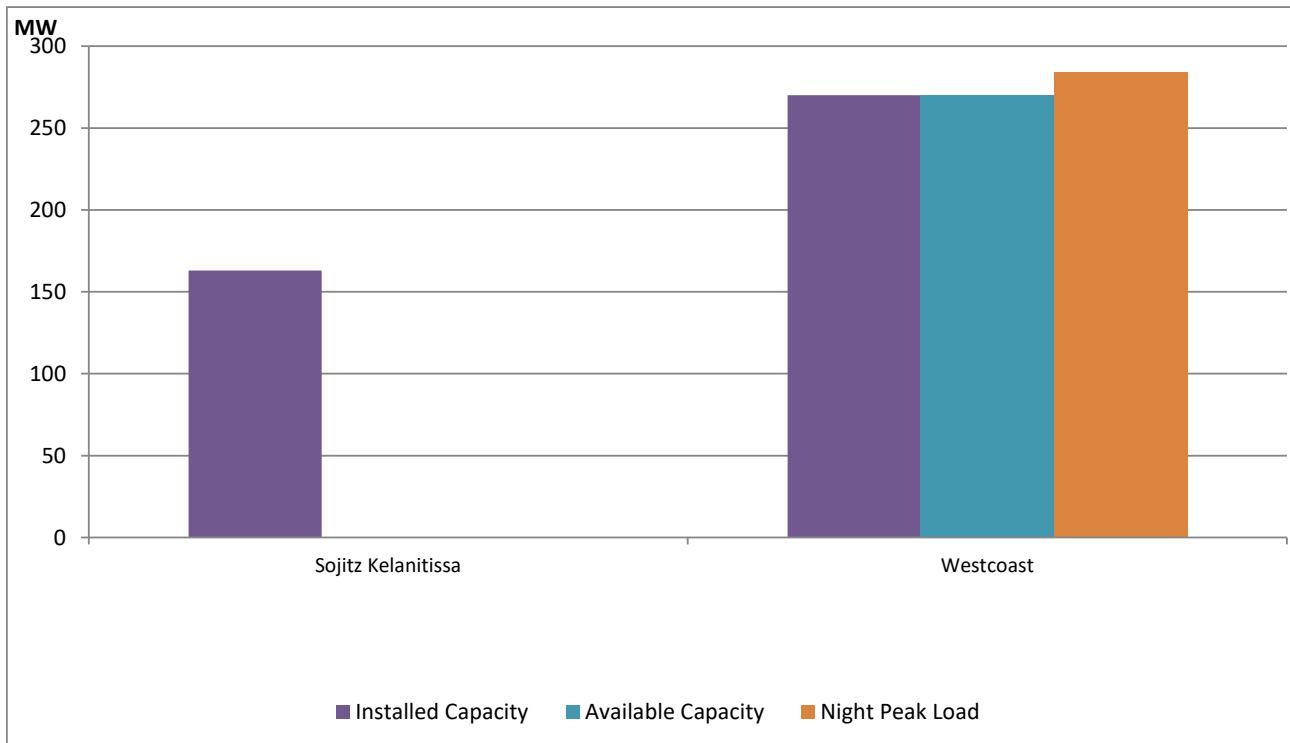
ACE Embilipitiya, ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

February 17, 2022

IPP owned Thermal Plant Loading at the Night Peak

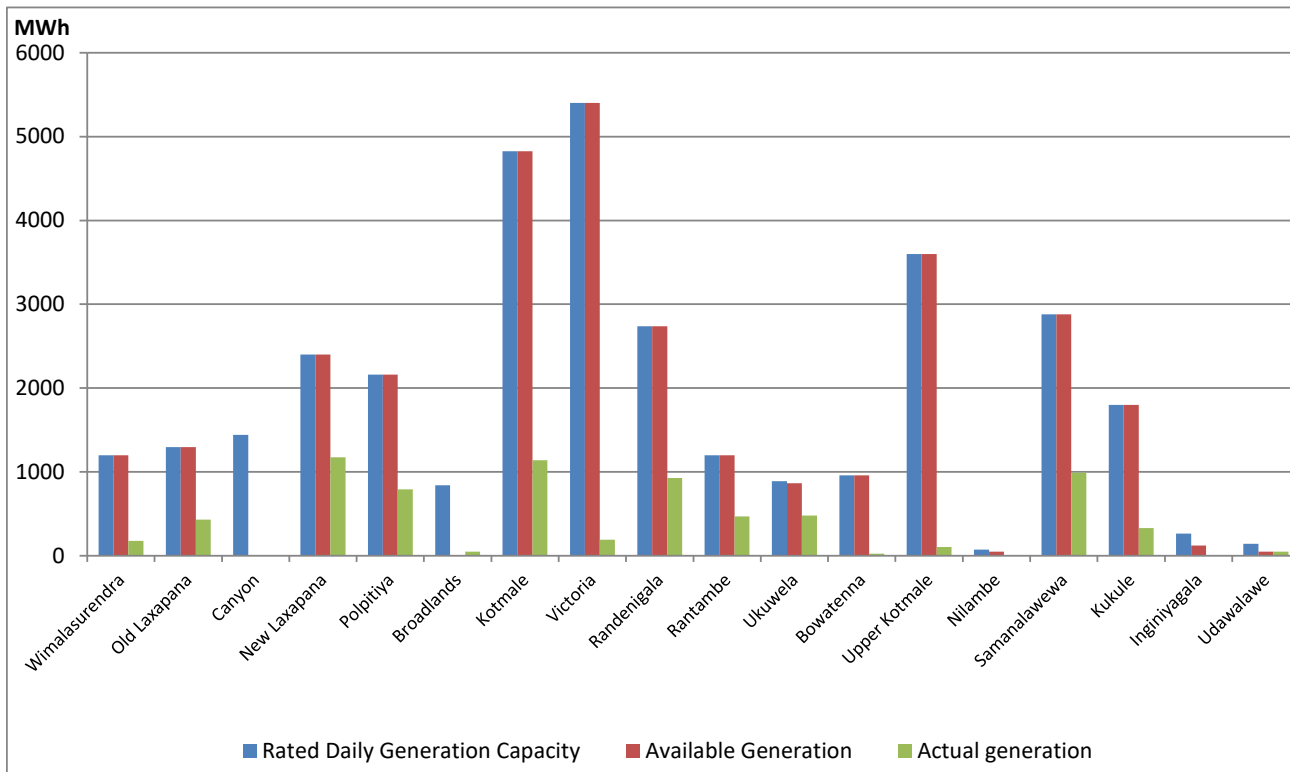


Note- Plant availability is recorded at 6.00 am on

February 17, 2022

Major Hydro Plant Dispatch

February 16, 2022

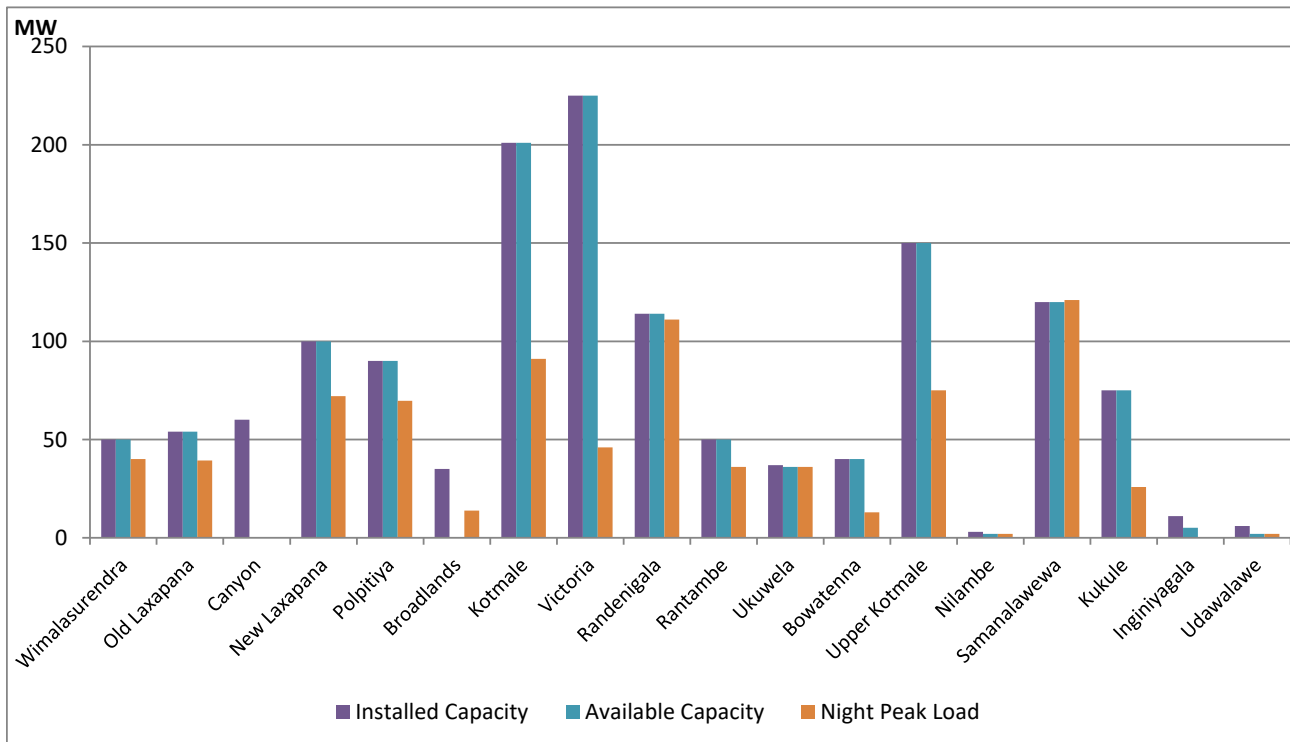


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

February 17, 2022

Major Hydro Plant Loading at Night Peak

February 16, 2022



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

February 17, 2022

Summary of Major Plant performance

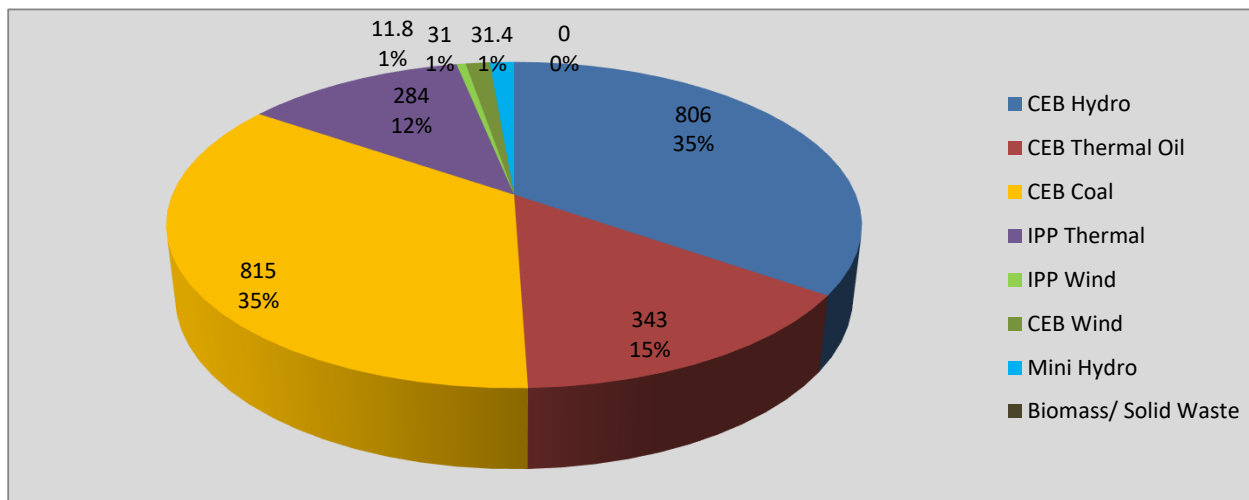
Plant	Installed Capacity (MW)	Plant Availability (MW)	Night peak Load (MW)	Plant Dispatch (MWh)
Wimalasurendra	50	50	40	176
Old Laxapana	54	54	39	432
Canyon	60	0	0	0
New Laxapana	100	100	72	1,173
Polpitiya	90	90	70	793
Broadlands	35	0	14	50
Kotmale	201	201	91	1,140
Victoria	225	225	46	191
Randenigala	114	114	111	927
Rantambe	50	50	36	468
Ukuwela	37	36	36	478
Bowatenna	40	40	13	24
Upper Kotmale	150	150	75	104
Nilambe	3	2	2	7
Samanalawewa	120	120	121	989
Kukule	75	75	26	330
Inginiyagala	11	5	0	0
Udawalawe	6	2	2	49
Puttalam Coal I	270	270	272	6,481
Puttalam Coal II	270	270	271	6,500
Puttalam Coal III	270	270	272	6,533
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	155	148	3,569
Sapugaskanda A	70	64	48	1,181
Sapugaskanda B	70	63	63	1,370
Uthura Janani	26	23	23	134
Barge CEB	60	60	61	1,079
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	1	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	284	2,940
Total	3,280	2,760	2,310	39,232

Plant availability is the availability recorded at 6 am on

February 17, 2022

Contribution to the Night Peak in MW

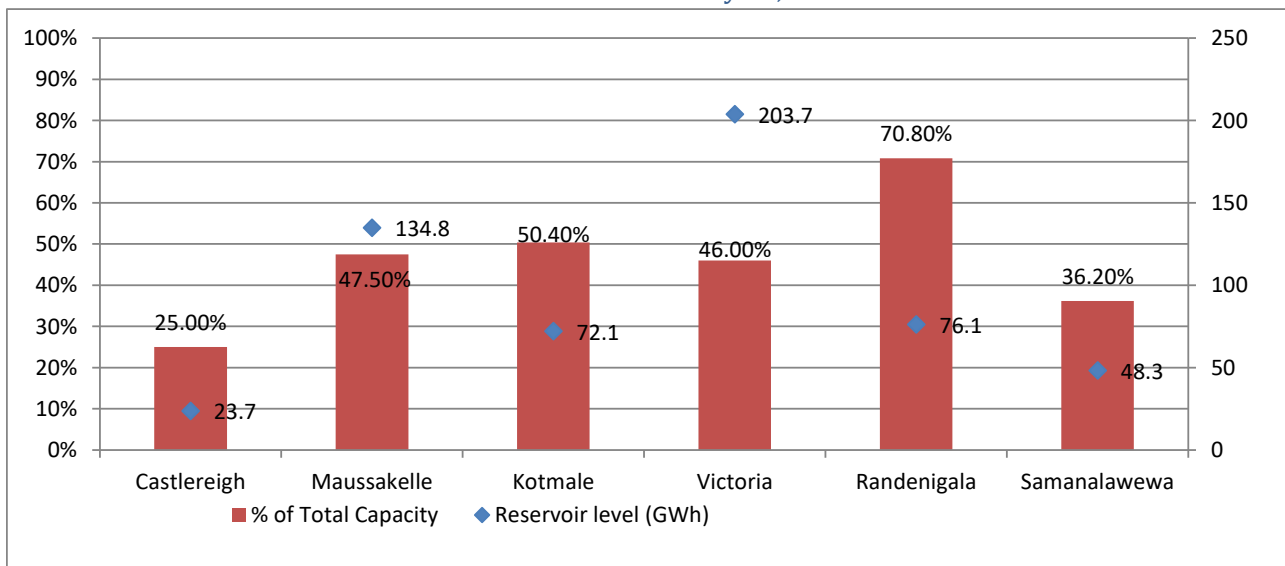
February 16, 2022



Night Peak*	2,322.0 MW
Day Peak	1,613.6 MW
Minimum Demand	1,326.3 MW

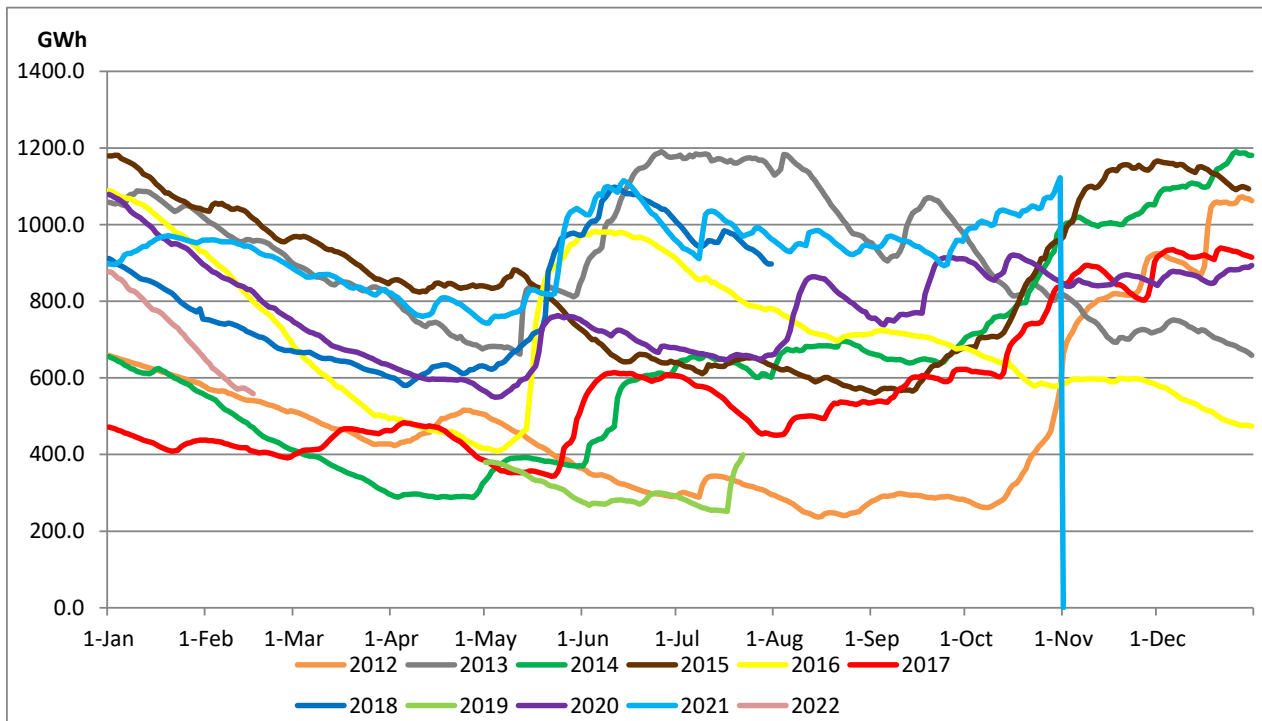
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on February 17, 2022



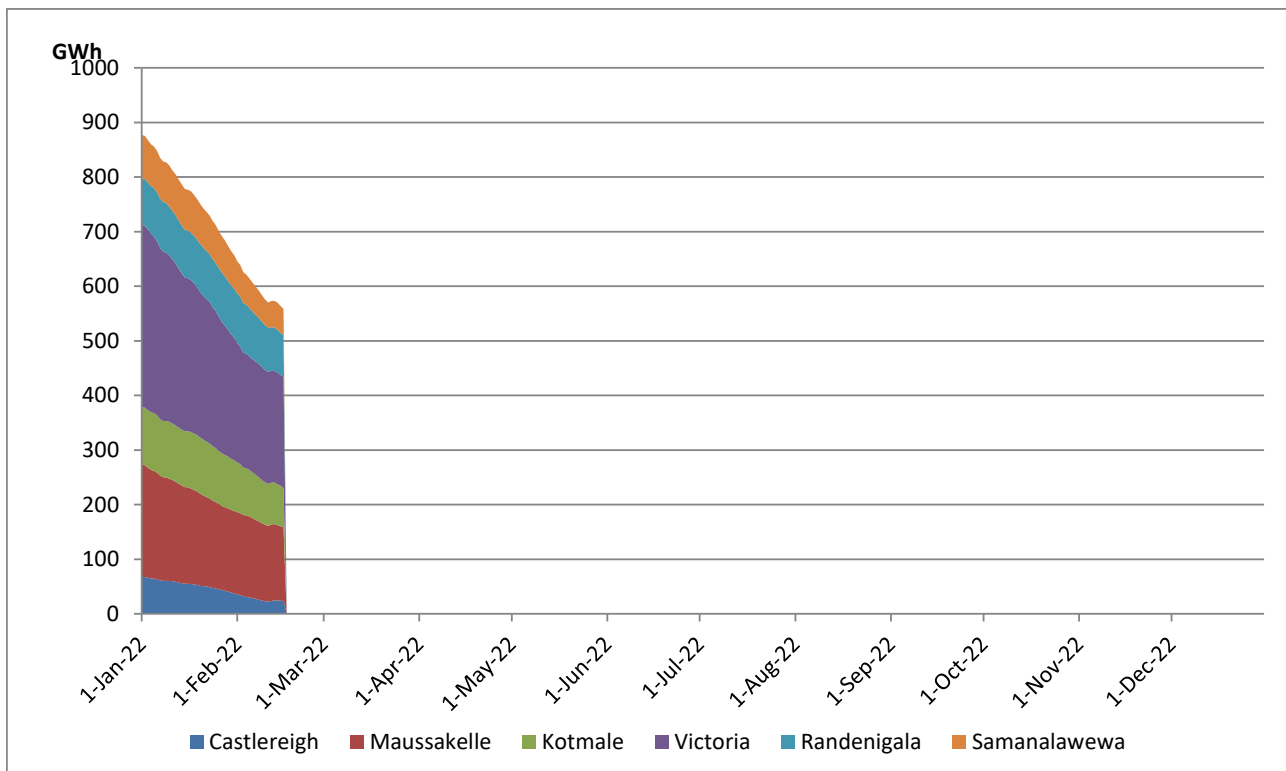
Total Reservoir Level(GWh)	558.7
% of Total capacity	46.0%

Comparison of Total Reservoir Storage Levels with Past Years

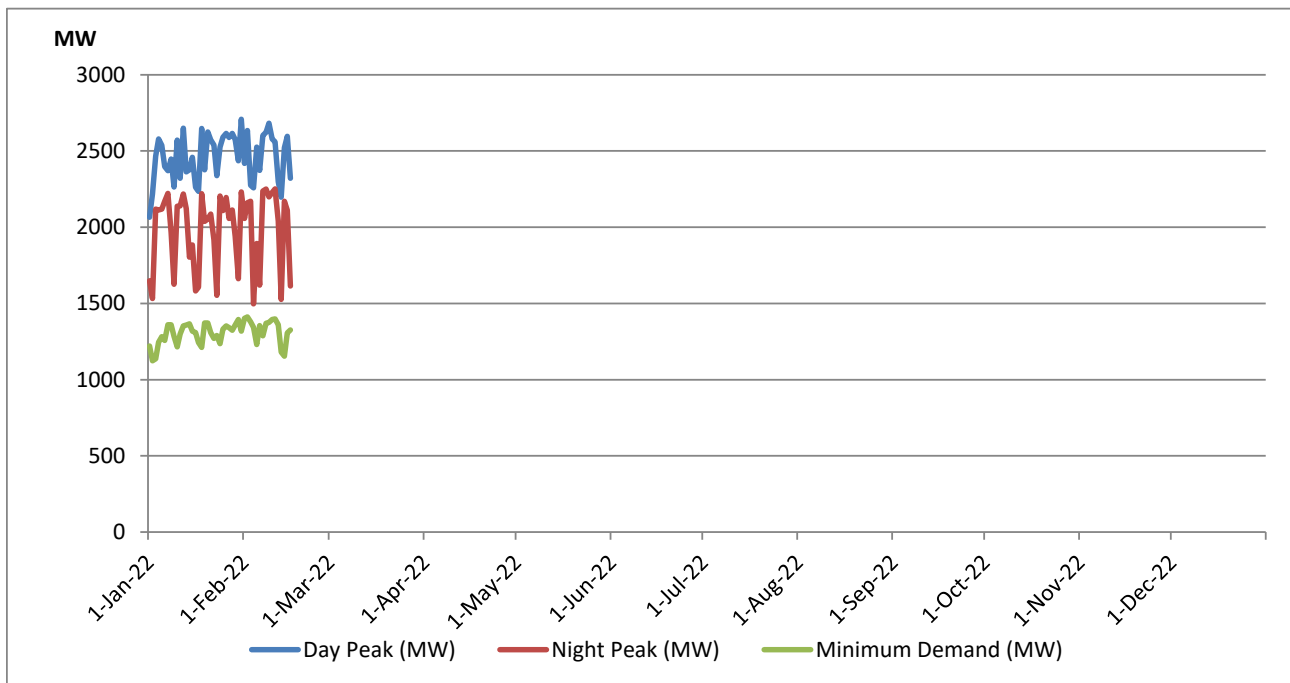


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

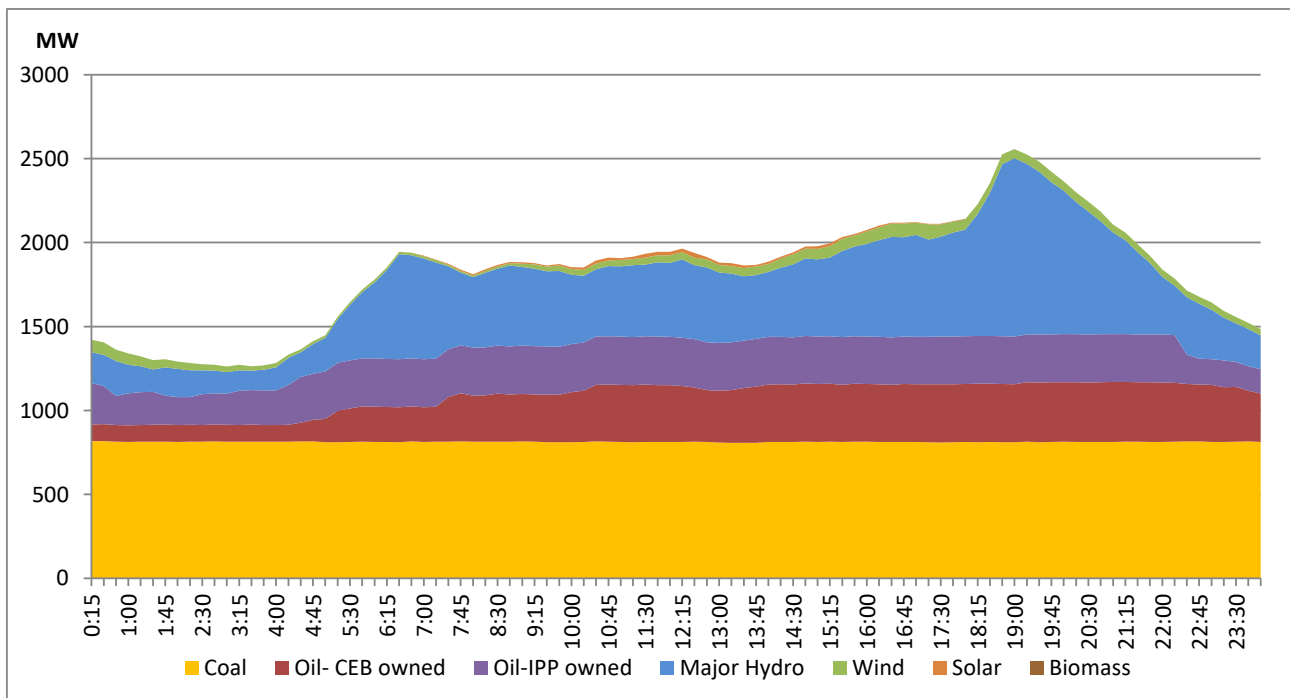


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

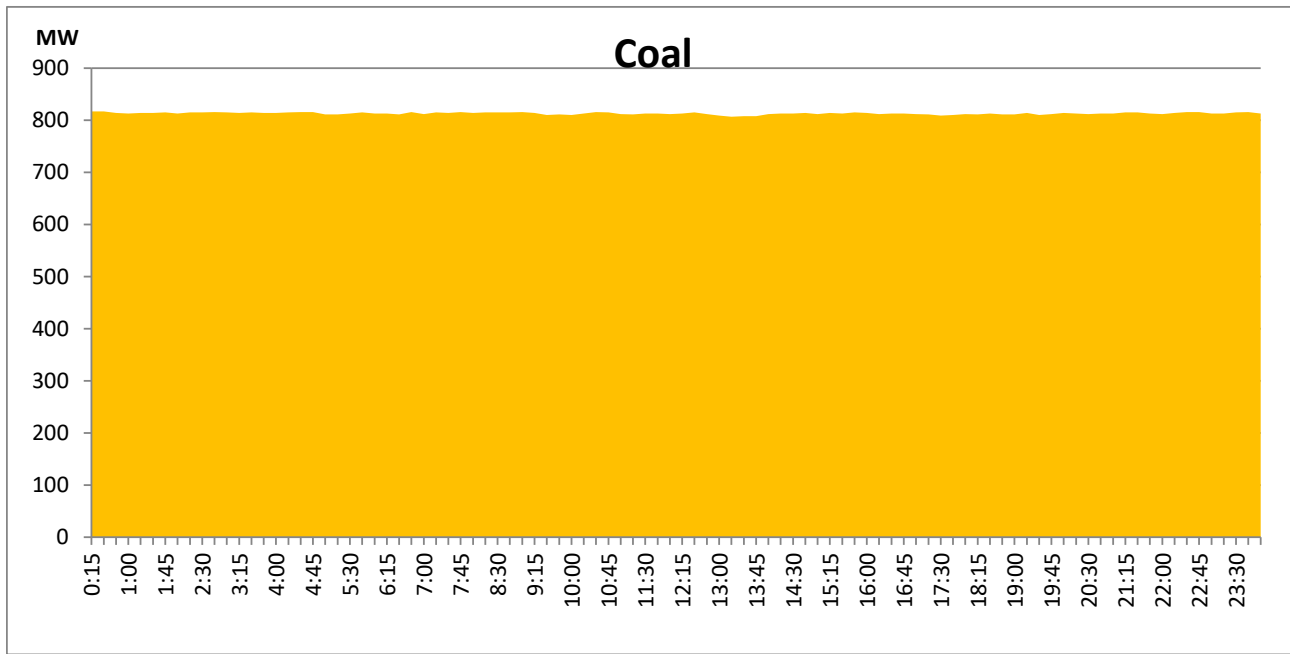
February 15, 2022

Solar and wind data is based on Telemetered Power Stations only



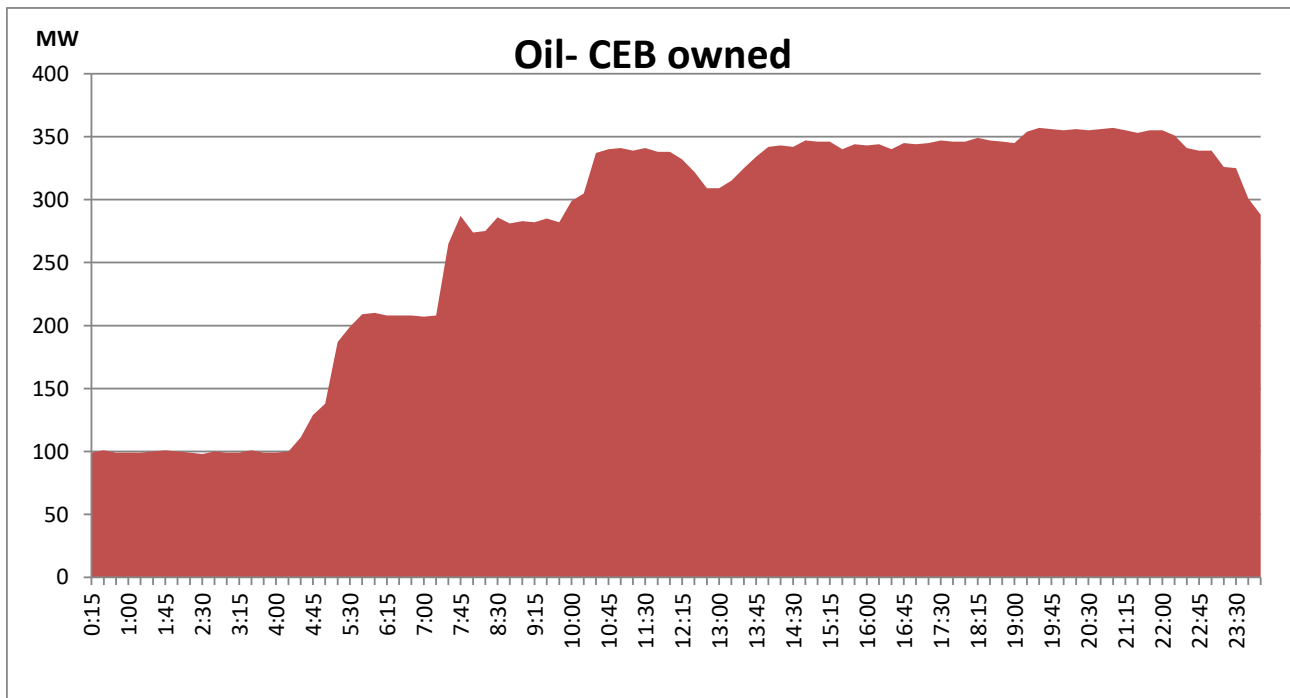
Coal Generation during the Previous day

February 15, 2022



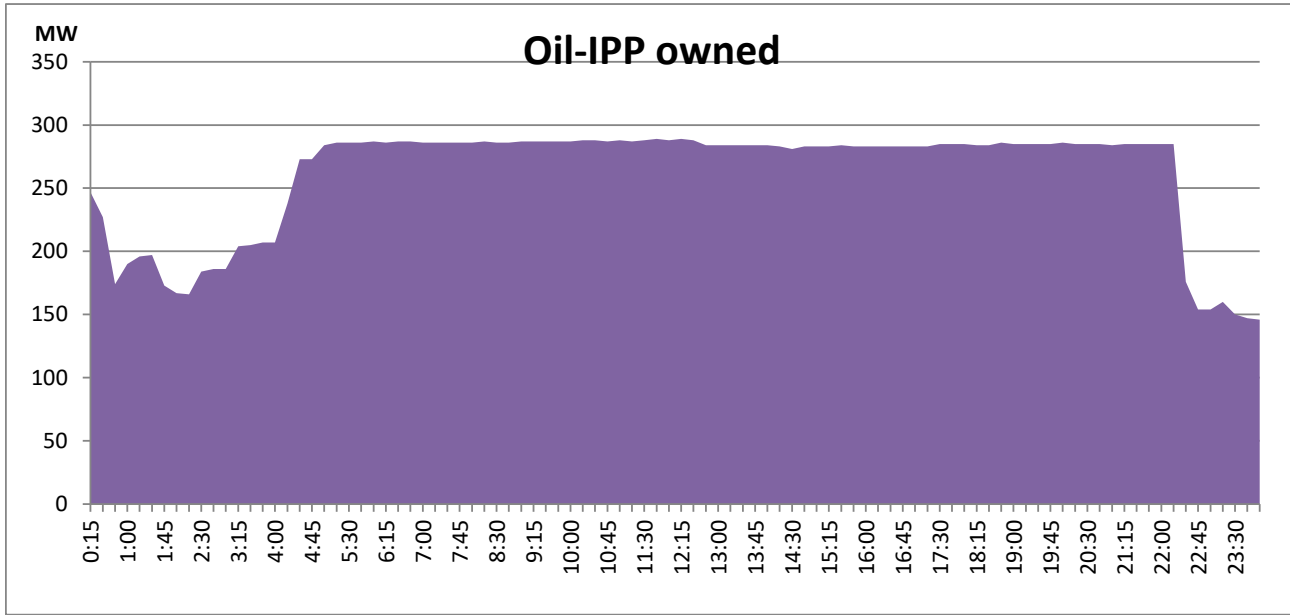
CEB Oil Plant Generation during the Previous day

February 15, 2022



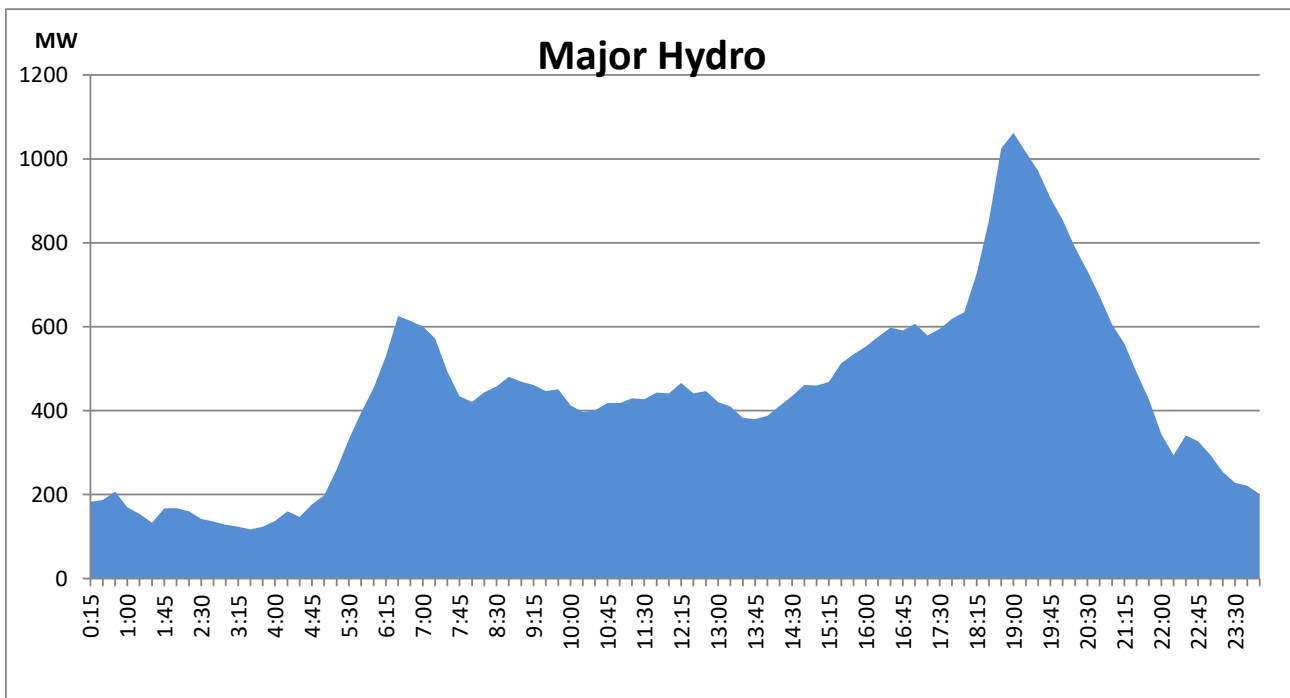
IPP Oil Plant Generation during the Previous day

February 15, 2022



Major Hydro Generation during the Previous day

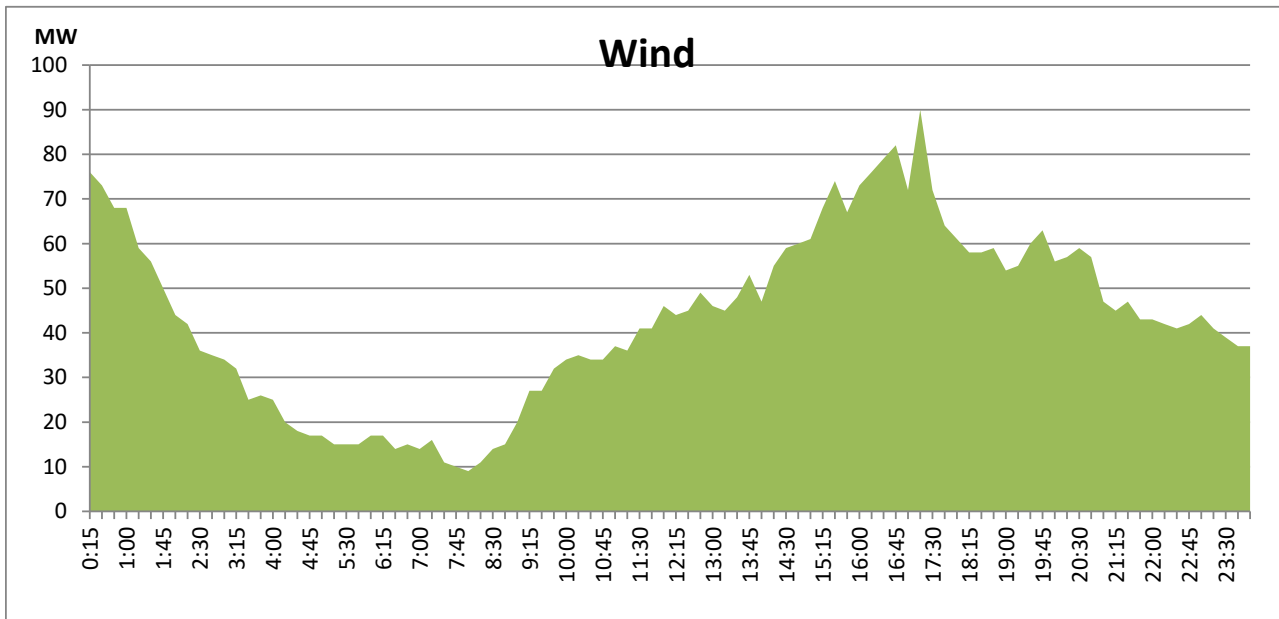
February 15, 2022



Wind Generation during the Previous day

February 15, 2022

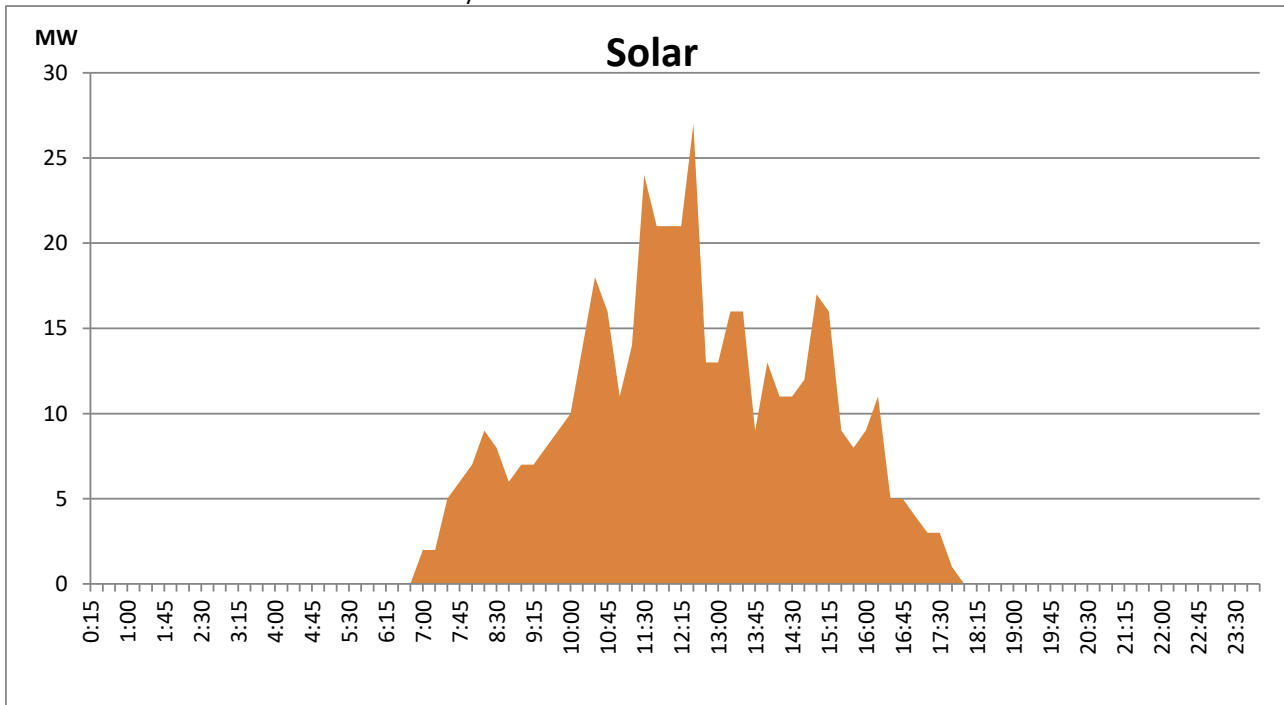
Based on Telemetered Power Stations only



Solar Generation during the Previous day

February 15, 2022

Based on Telemetered Power Stations only



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	Naptha & Diesel
Lakvijaya 1	Coal
Lakvijaya 2	Coal
Lakvijaya 3	Coal
Uthuru Janani	Heavy Fuel
Barge CEB	Furnace Oil

Power Station	Primary Fuel
Private Thermal	
Sojitz - Kelanitissa	Auto Diesel
West Coast	Low Sulphur Furnace oil

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

February 17, 2022

Major Incidents

1) Nil.