

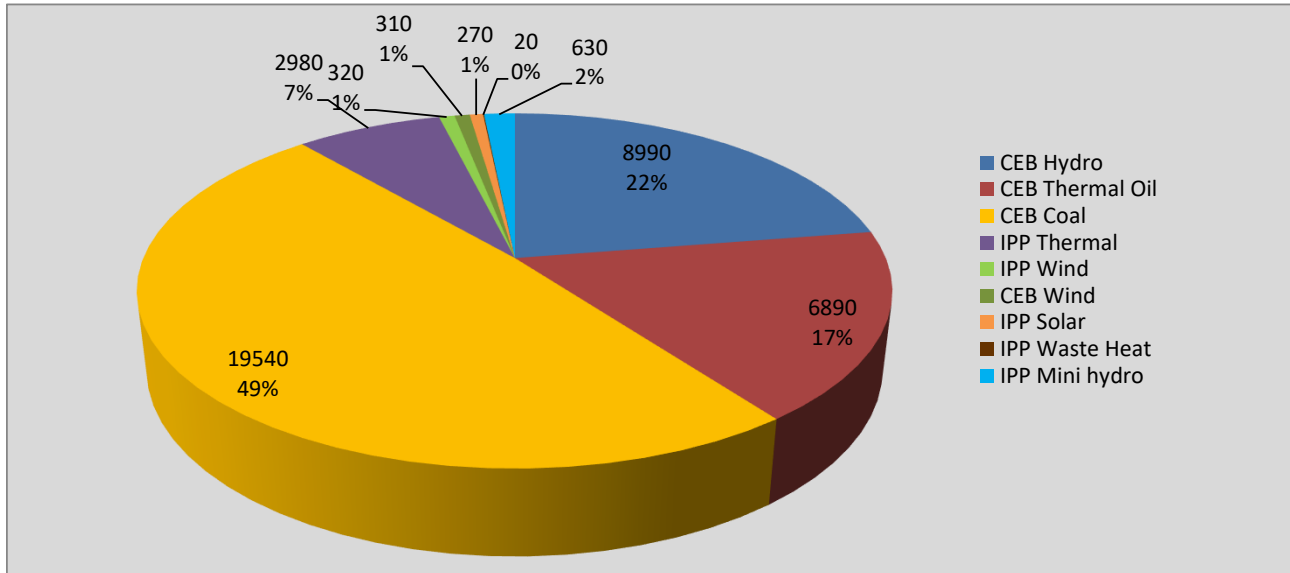
Generation and Reservoirs Statistics

February 20, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **39,950 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

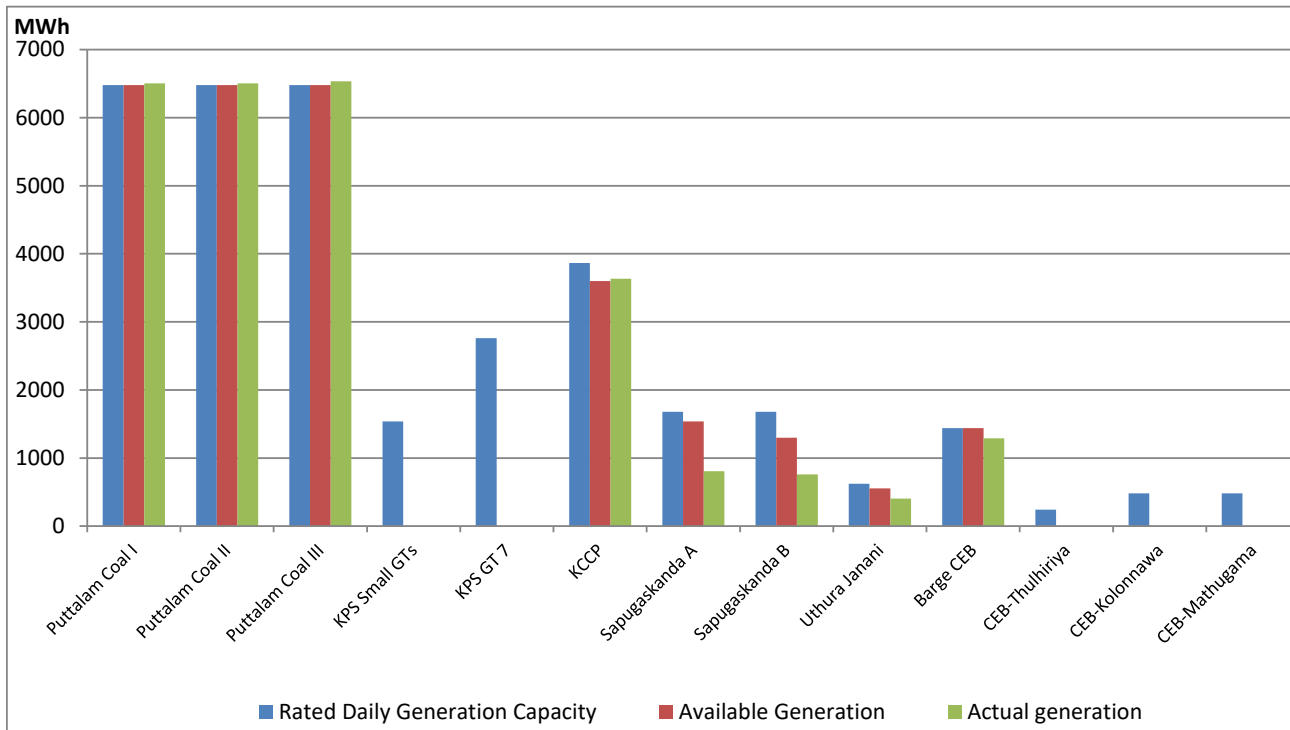
Category	Dispatch (GWh)	Percentage
CEB Hydro	200.7	22.95%
CEB Thermal Oil	122.5	14.01%
CEB Coal	380.5	43.53%
IPP Thermal	129.3	14.79%
SPP Wind	8.8	1.01%
CEB Wind	10.9	1.24%
SPP Solar	4.9	0.56%
SPP Solid Waste	1.3	0.15%
Mini Hydro	15.3	1.75%
Total	874.2	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	608.0	27.46%
CEB Thermal Oil	366.6	16.56%
CEB Coal	787.8	35.58%
IPP Thermal	333.4	15.06%
SPP Wind	24.1	1.09%
CEB Wind	29.0	1.31%
SPP Solar	12.9	0.58%
SPP Solid Waste	9.4	0.43%
Mini Hydro	43.5	1.96%
Total	2,214.3	

CEB owned Thermal Plant Dispatch

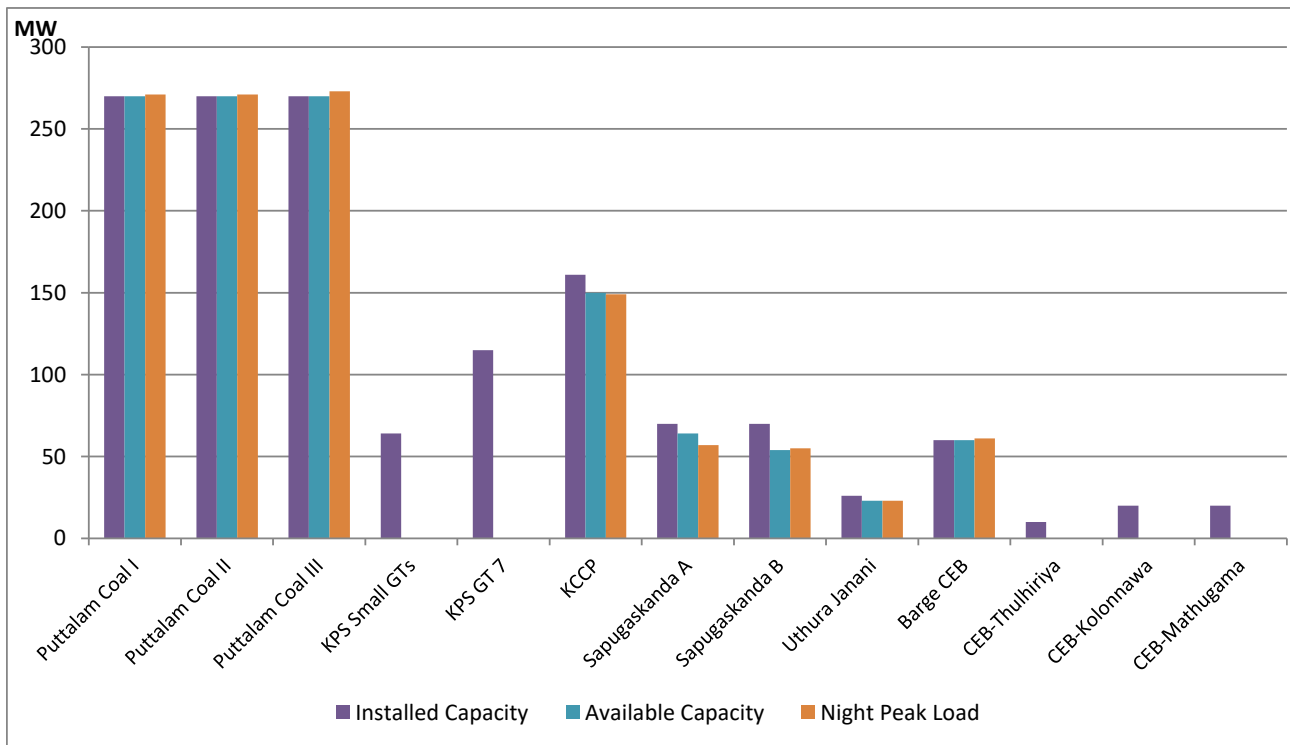
February 20, 2022



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

February 21, 2022

CEB owned Thermal Plant Loading at the Night Peak



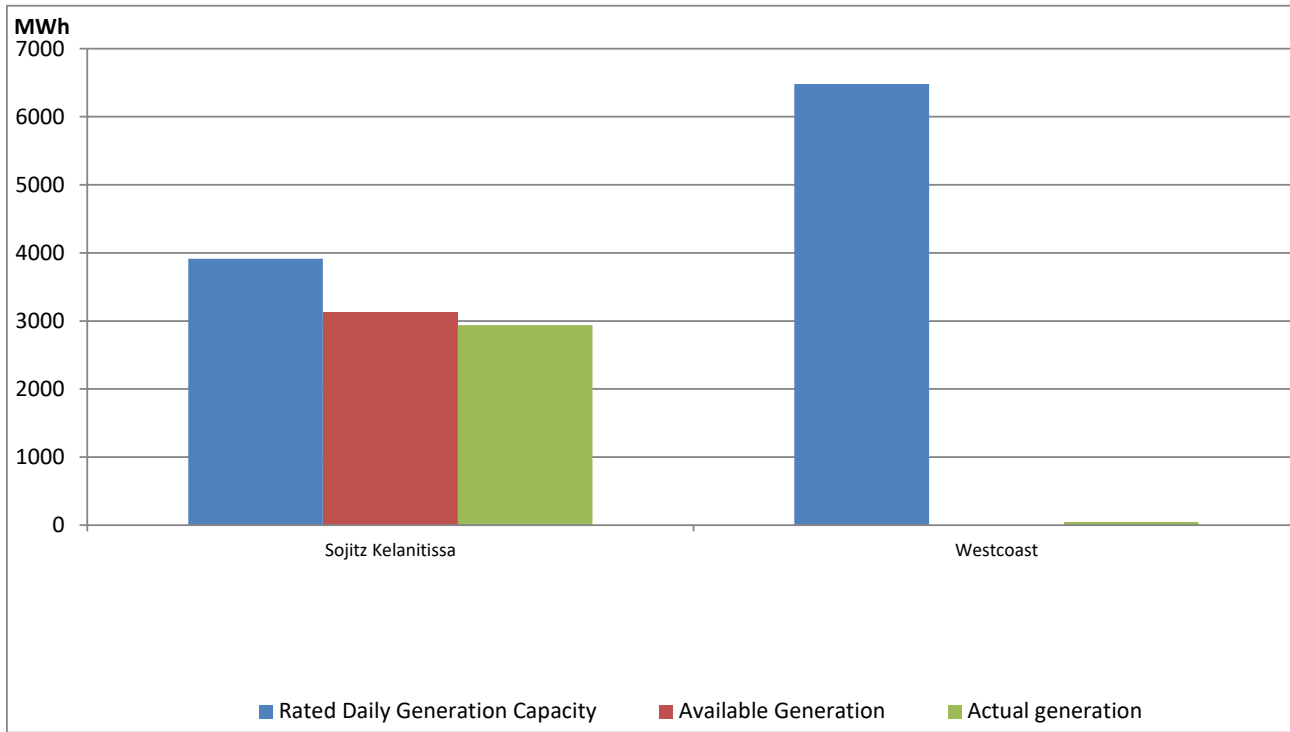
Note- Plant availability is recorded at 6.00 am on

February 21, 2022

IPP owned Thermal Plant Dispatch

February 20, 2022

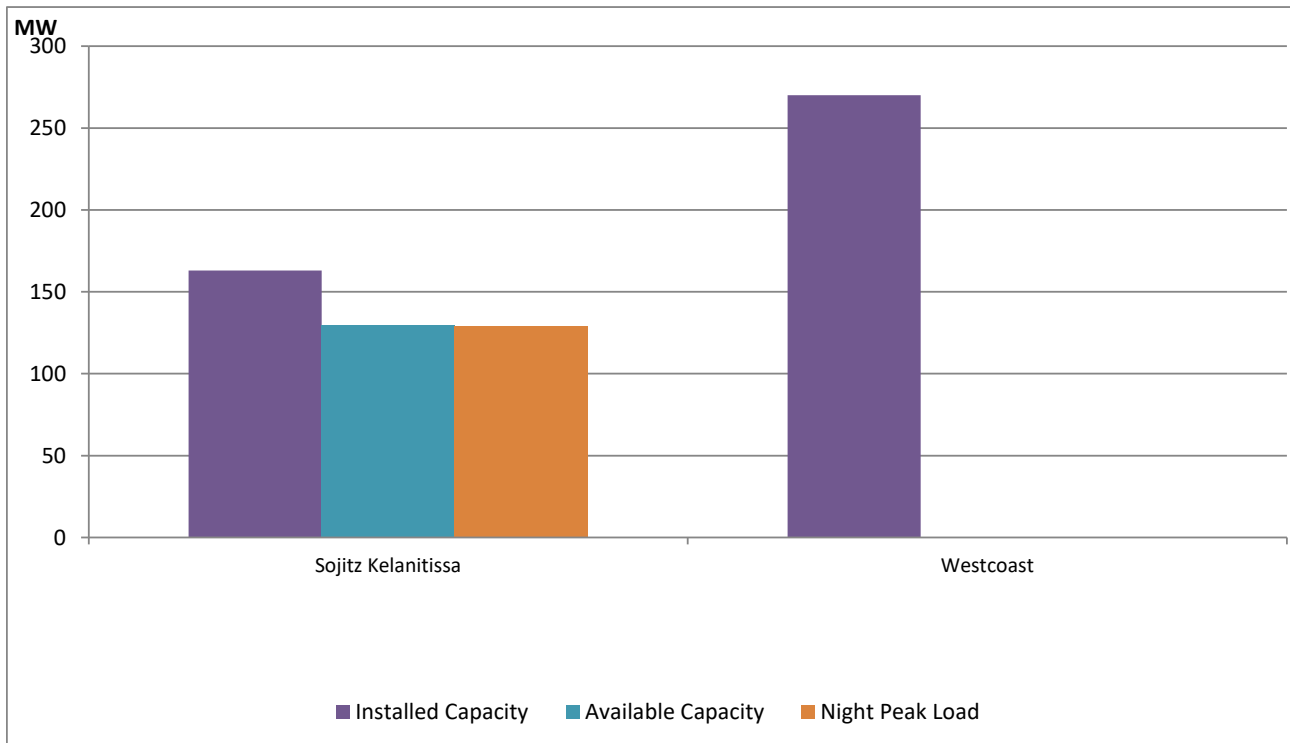
ACE Embilipitiya, ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

February 21, 2022

IPP owned Thermal Plant Loading at the Night Peak

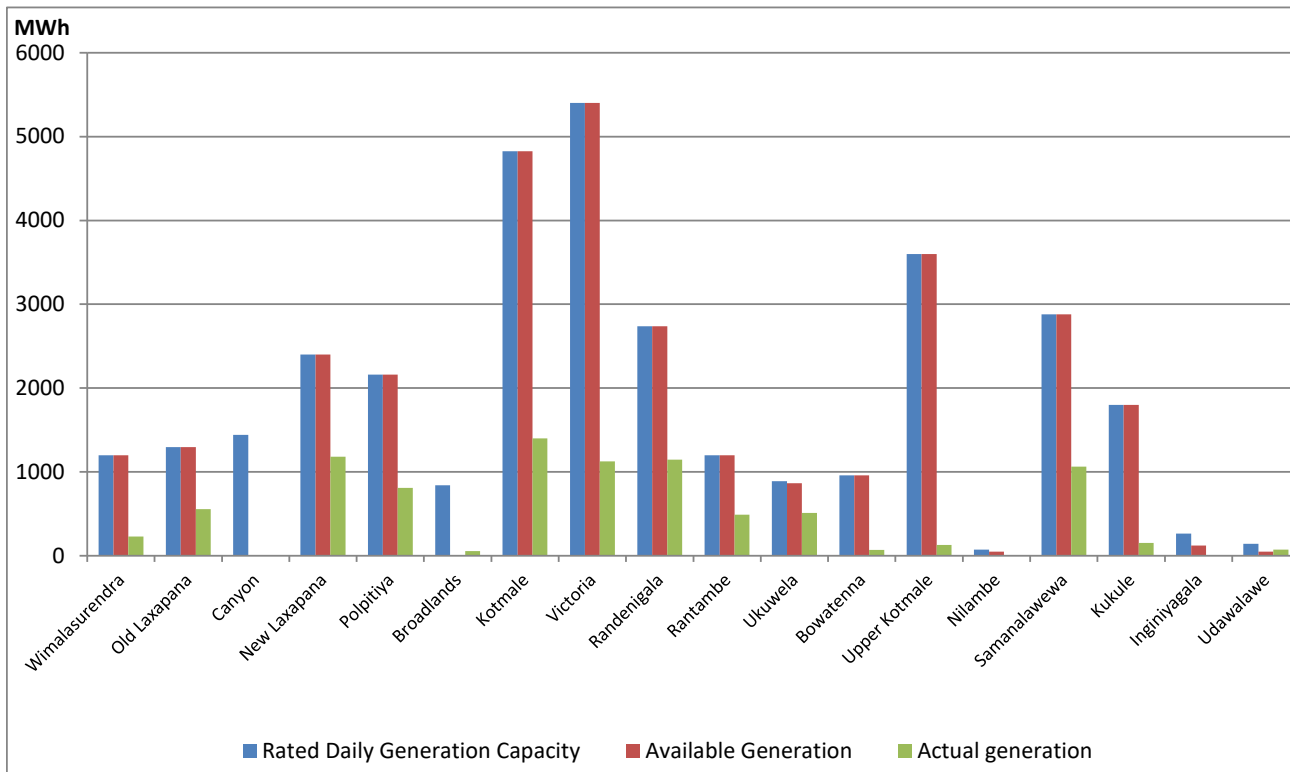


Note- Plant availability is recorded at 6.00 am on

February 21, 2022

Major Hydro Plant Dispatch

February 20, 2022

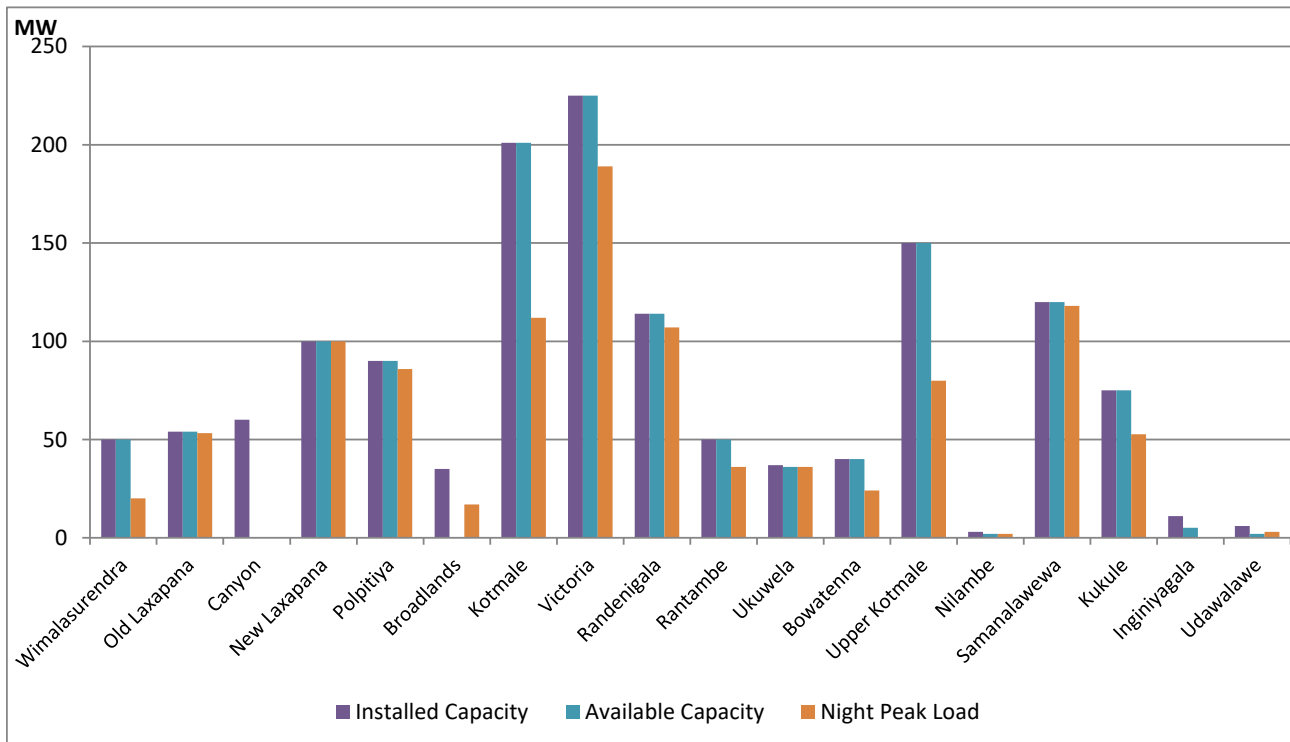


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

February 21, 2022

Major Hydro Plant Loading at Night Peak

February 20, 2022



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

February 21, 2022

Summary of Major Plant performance

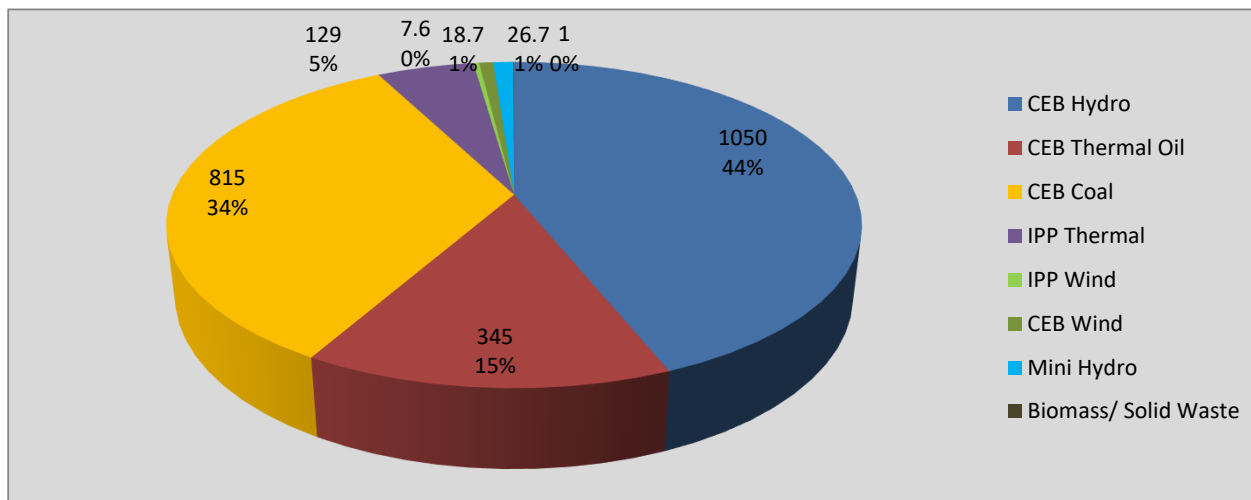
Plant	Installed Capacity (MW)	Plant Availability (MW)	Night peak Load (MW)	Plant Dispatch (MWh)
Wimalasurendra	50	50	20	228
Old Laxapana	54	54	53	557
Canyon	60	0	0	0
New Laxapana	100	100	100	1,181
Polpitiya	90	90	86	808
Broadlands	35	0	17	56
Kotmale	201	201	112	1,400
Victoria	225	225	189	1,126
Randenigala	114	114	107	1,145
Rantambe	50	50	36	490
Ukuwela	37	36	36	511
Bowatenna	40	40	24	68
Upper Kotmale	150	150	80	128
Nilambe	3	2	2	0
Samanalawewa	120	120	118	1,062
Kukule	75	75	53	152
Inginiyagala	11	5	0	0
Udawalawe	6	2	3	73
Puttalam Coal I	270	270	271	6,502
Puttalam Coal II	270	270	271	6,506
Puttalam Coal III	270	270	273	6,533
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	150	149	3,633
Sapugaskanda A	70	64	57	808
Sapugaskanda B	70	54	55	758
Uthura Janani	26	23	23	405
Barge CEB	60	60	61	1,289
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	0	0	0
Sojitz Kelanitissa	163	130	129	2,937
West Coast	270	0	0	46
Total	3,280	2,605	2,379	39,951

Plant availability is the availability recorded at 6 am on

February 21, 2022

Contribution to the Night Peak in MW

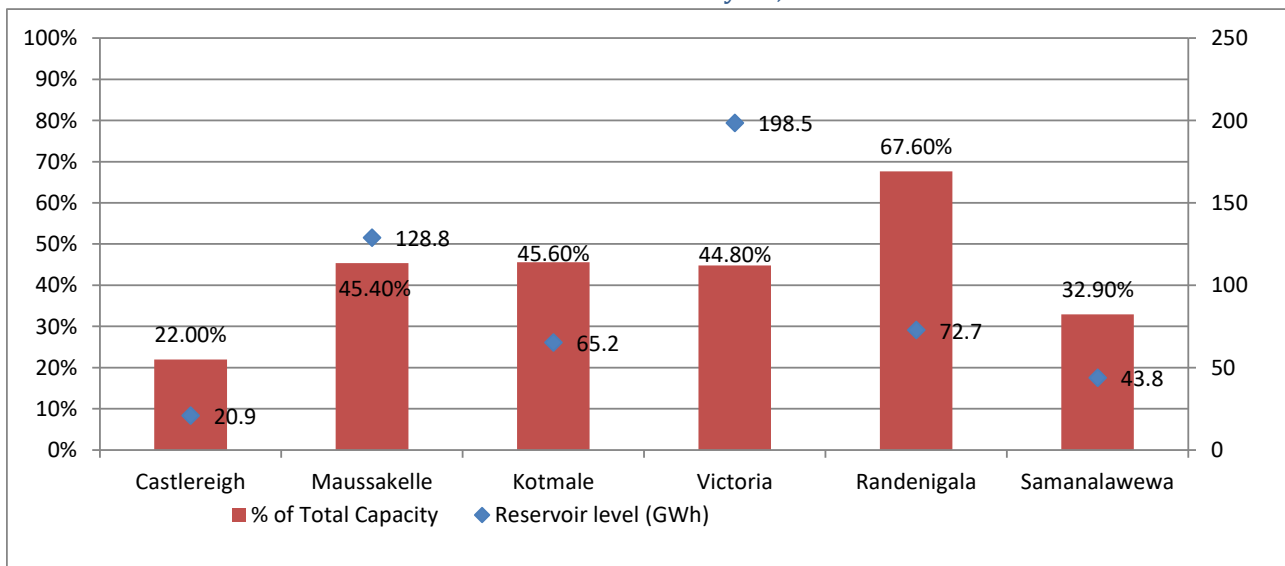
February 20, 2022



Night Peak*	2,392.8 MW
Day Peak	1,614.8 MW
Minimum Demand	1,339.4 MW

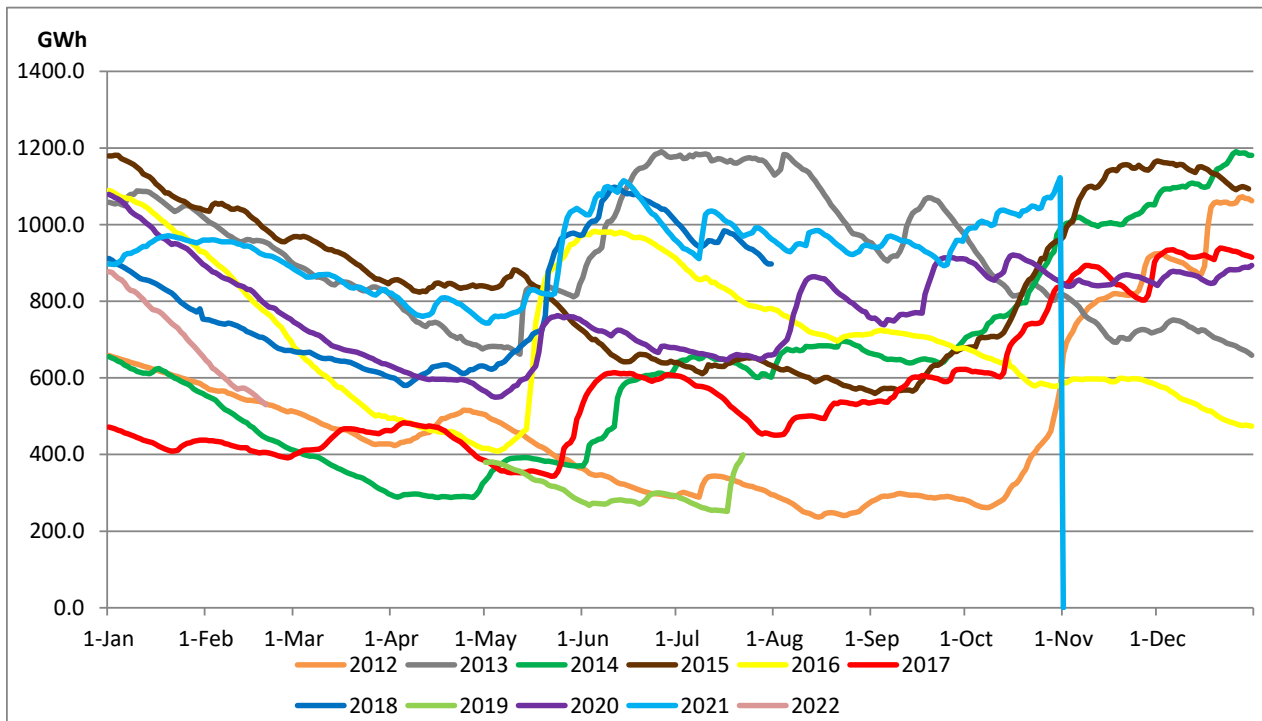
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on February 21, 2022



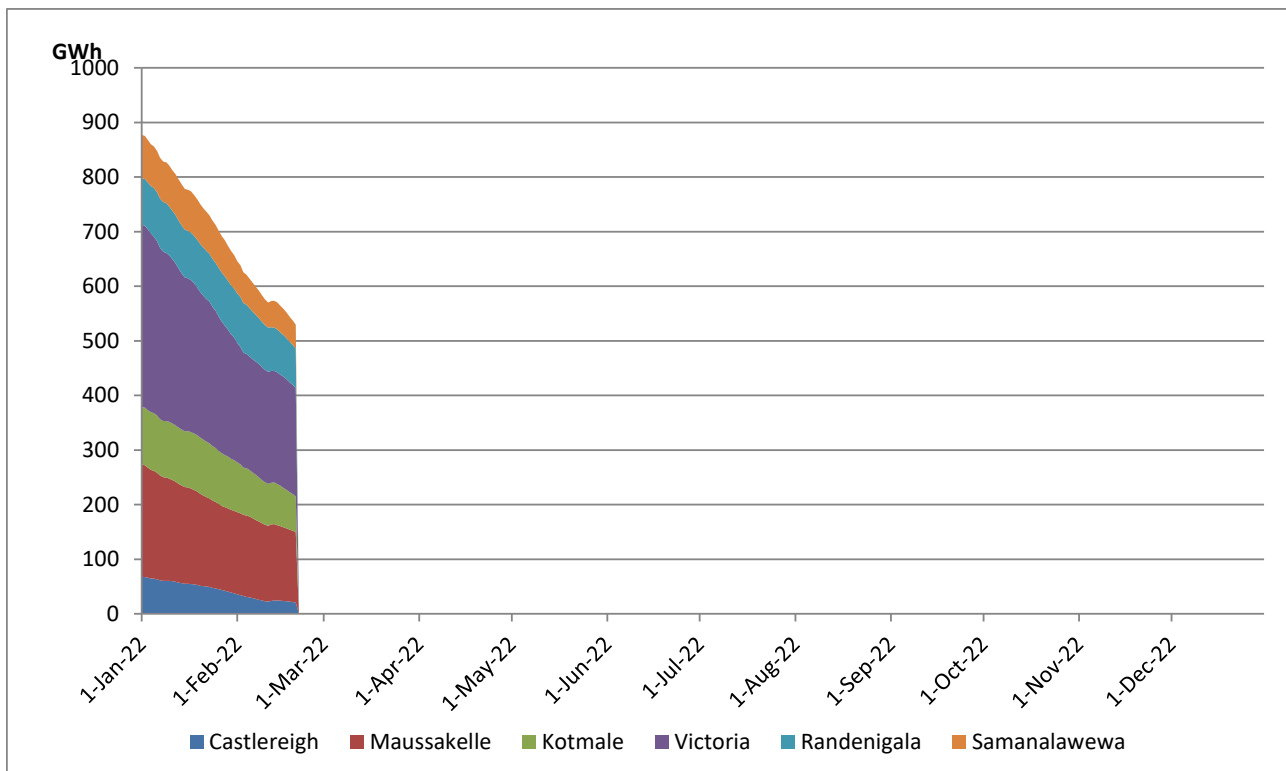
Total Reservoir Level(GWh)	529.9
% of Total capacity	43.1%

Comparison of Total Reservoir Storage Levels with Past Years

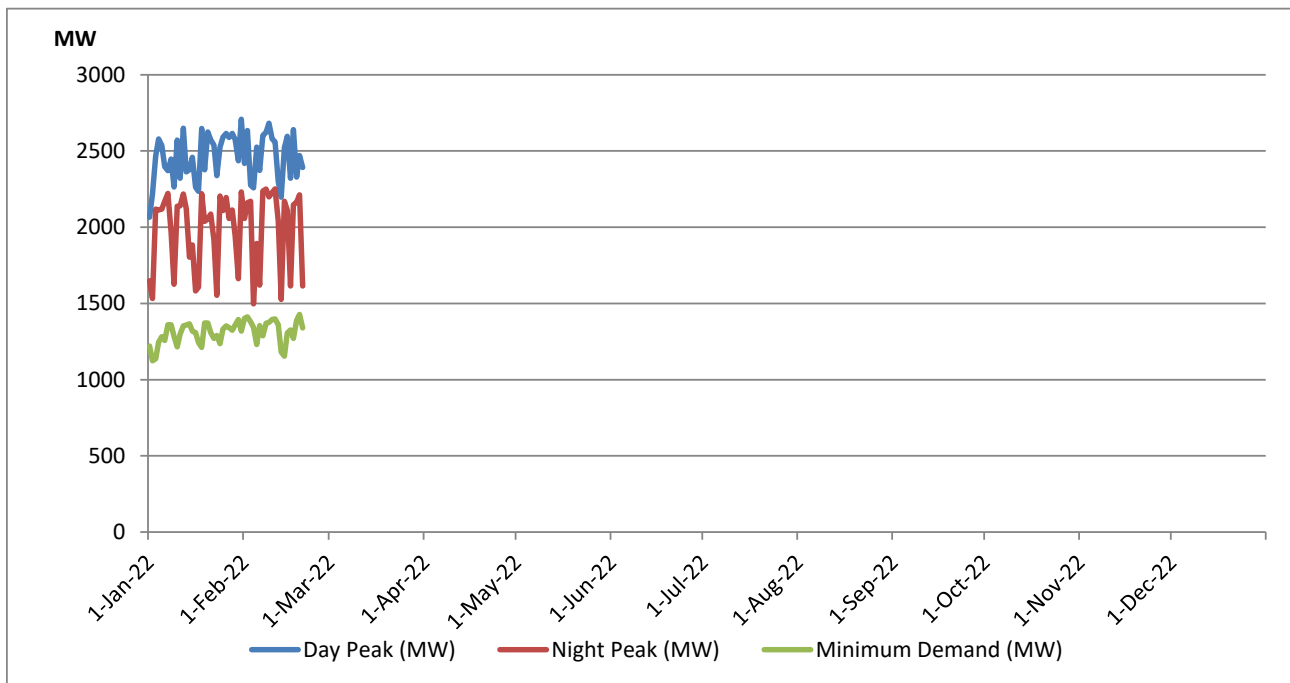


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

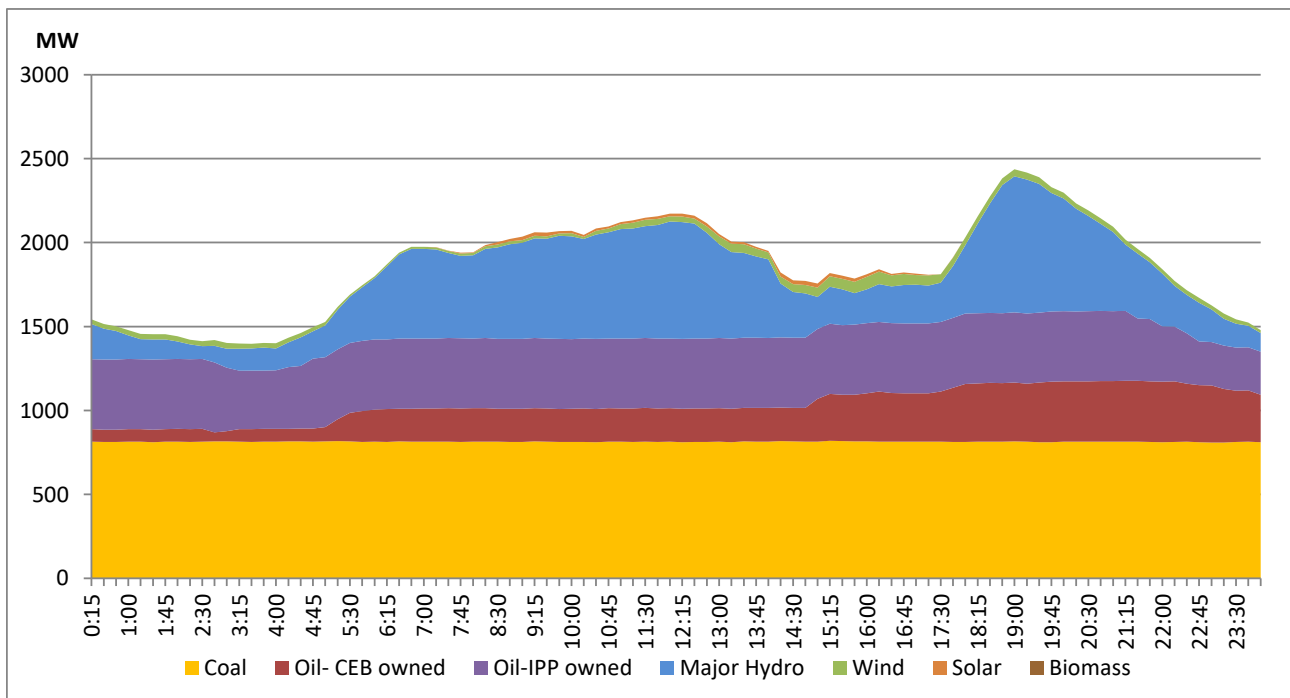


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

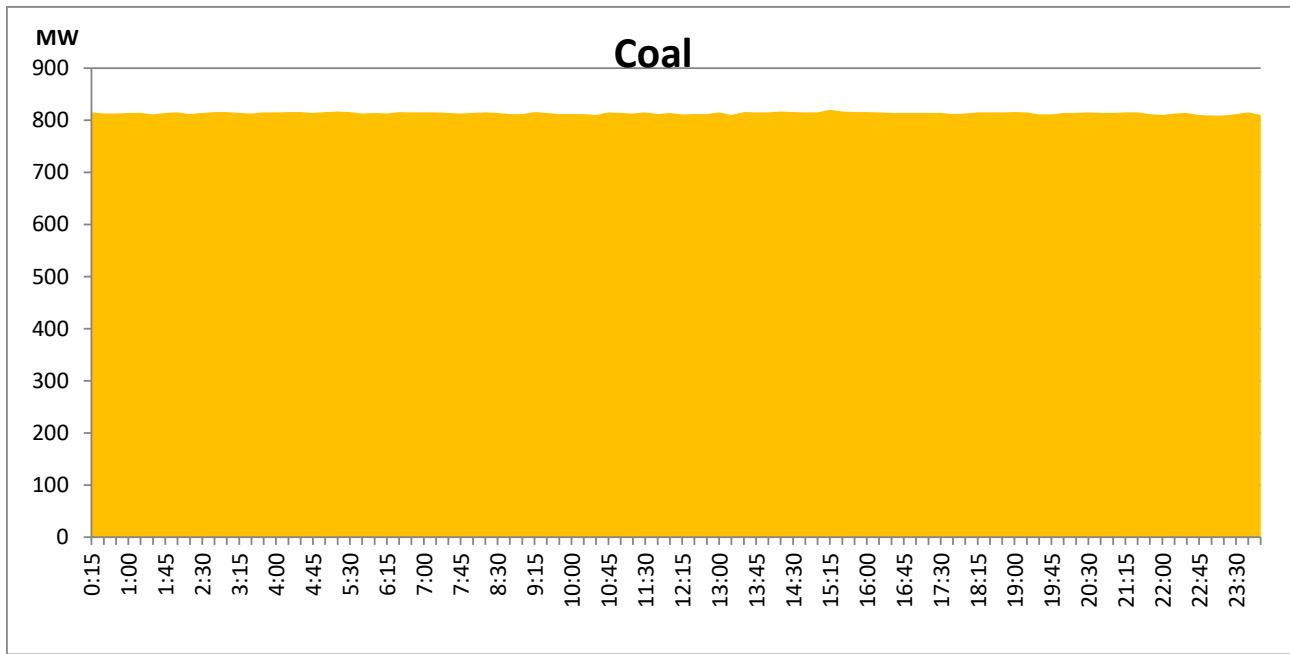
February 19, 2022

Solar and wind data is based on Telemetered Power Stations only



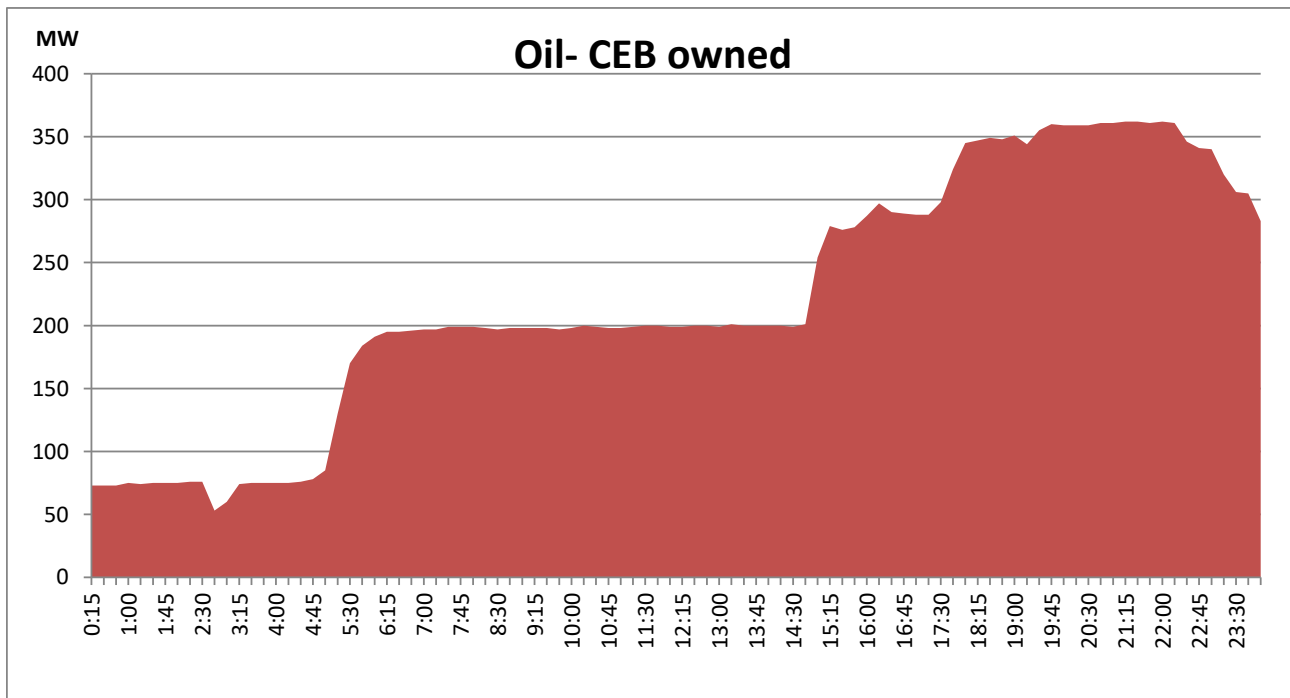
Coal Generation during the Previous day

February 19, 2022



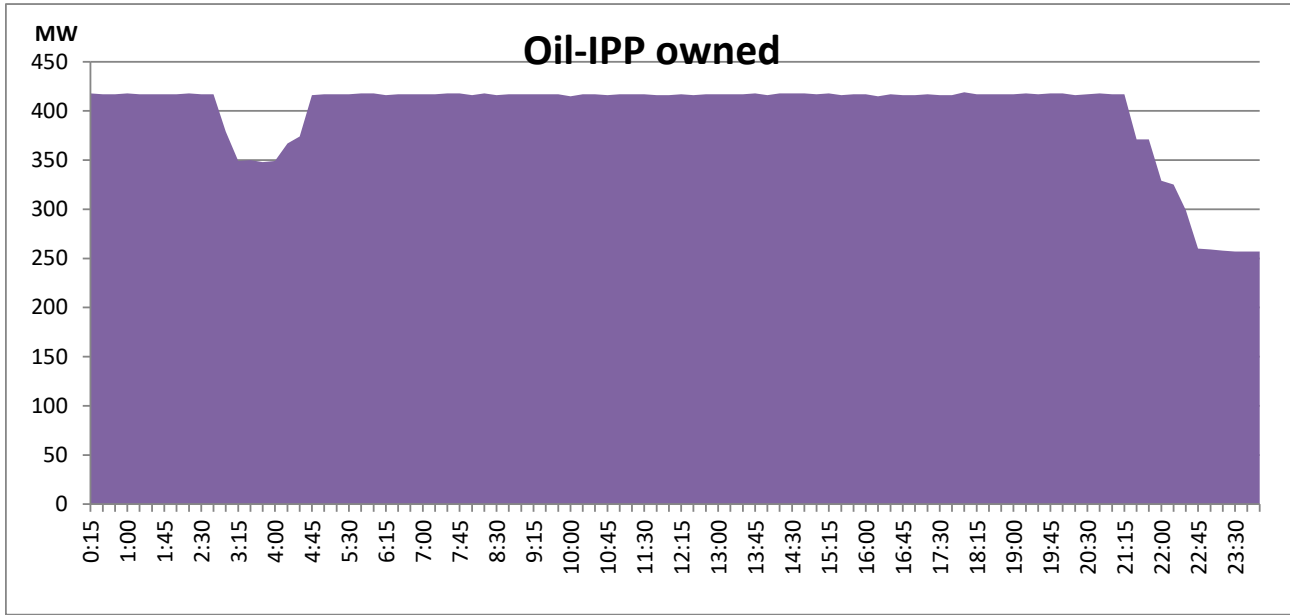
CEB Oil Plant Generation during the Previous day

February 19, 2022



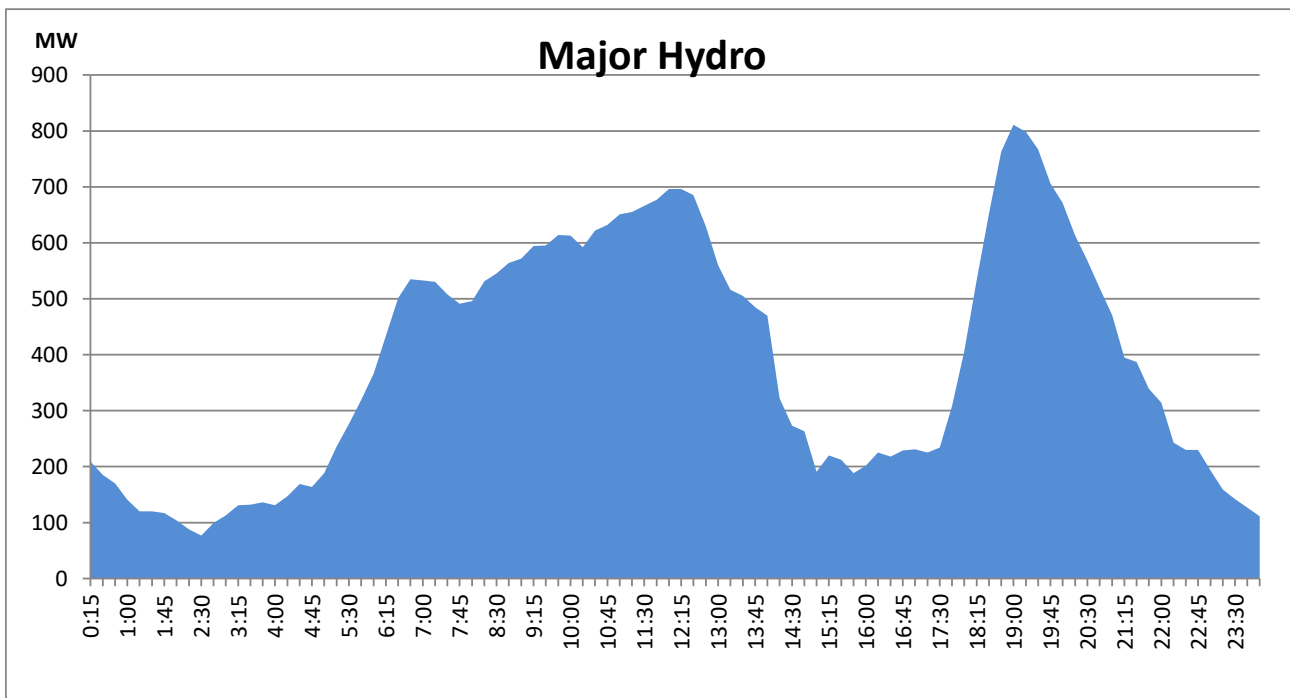
IPP Oil Plant Generation during the Previous day

February 19, 2022



Major Hydro Generation during the Previous day

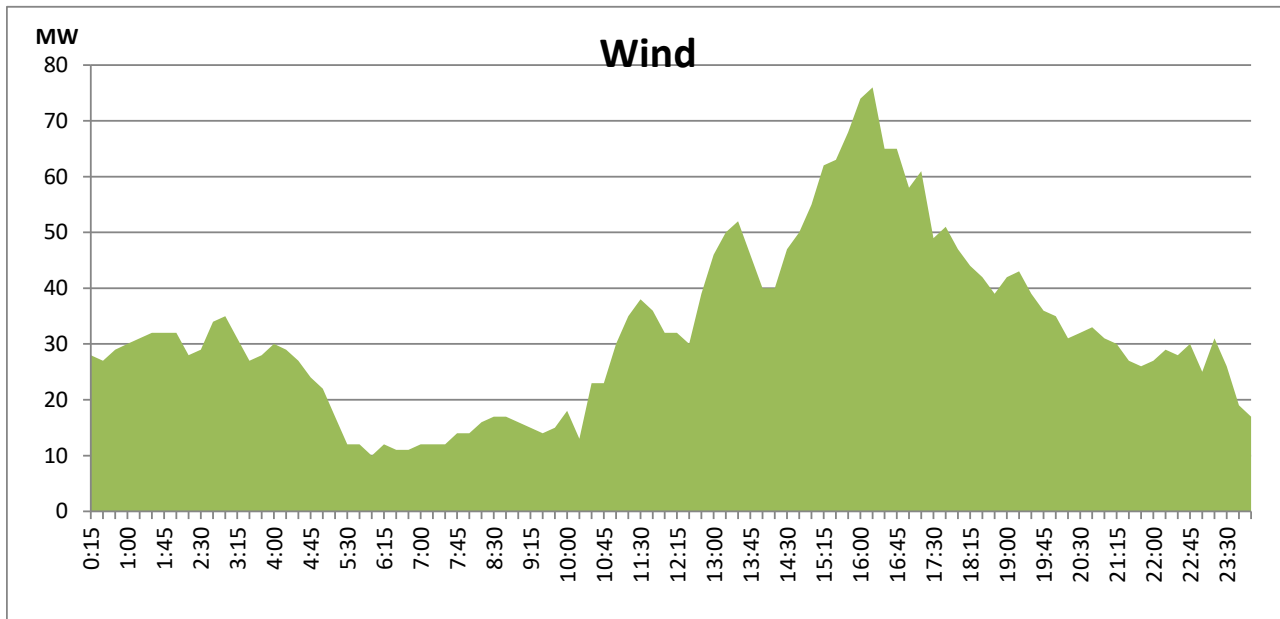
February 19, 2022



Wind Generation during the Previous day

February 19, 2022

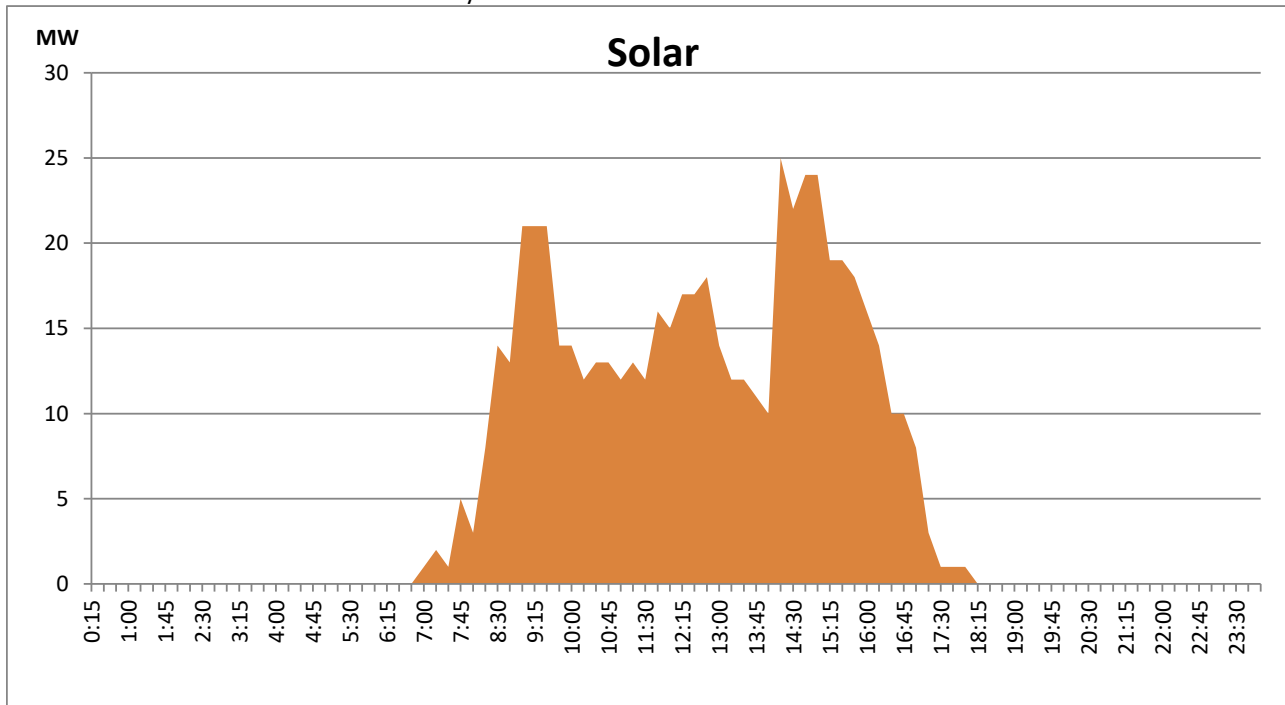
Based on Telemetered Power Stations only



Solar Generation during the Previous day

February 19, 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 21, 2022**

- 1) Sub C 132/11 kV TF 02 tripped at 20:11hrs and yet to be energized.
- 2) Horana GSS 132 kV Padukka 1 & 2 line bays energized at 18:09hrs for the first time.