

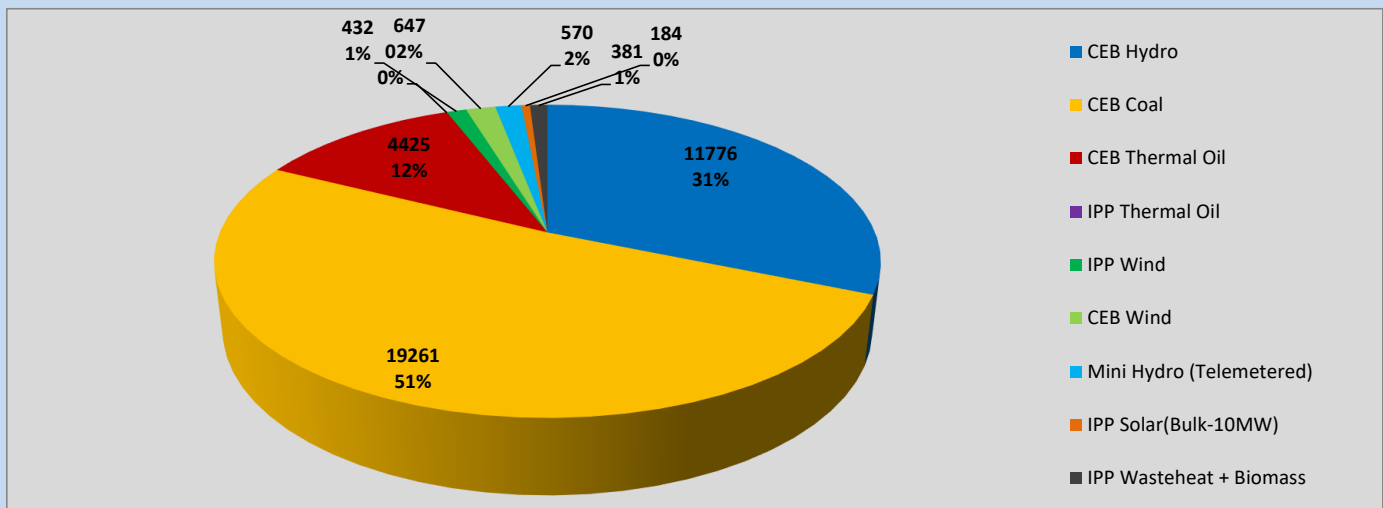
Generation and Reservoirs Statistics

February 6, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =

37,676 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 2.18 GWh
 Estimated Mini Hydro (Non telemetered) = 1310 MWh
 Estimated IPP Solar PV (Bulk 1-10MW) = 304MWh
 Estimated Solar Roof Top PV = 1450 MWh

Cumulative Dispatch

Following data excludes the contribution from roof top solar, non telemetered solar and mini hydro plants

For Current Month

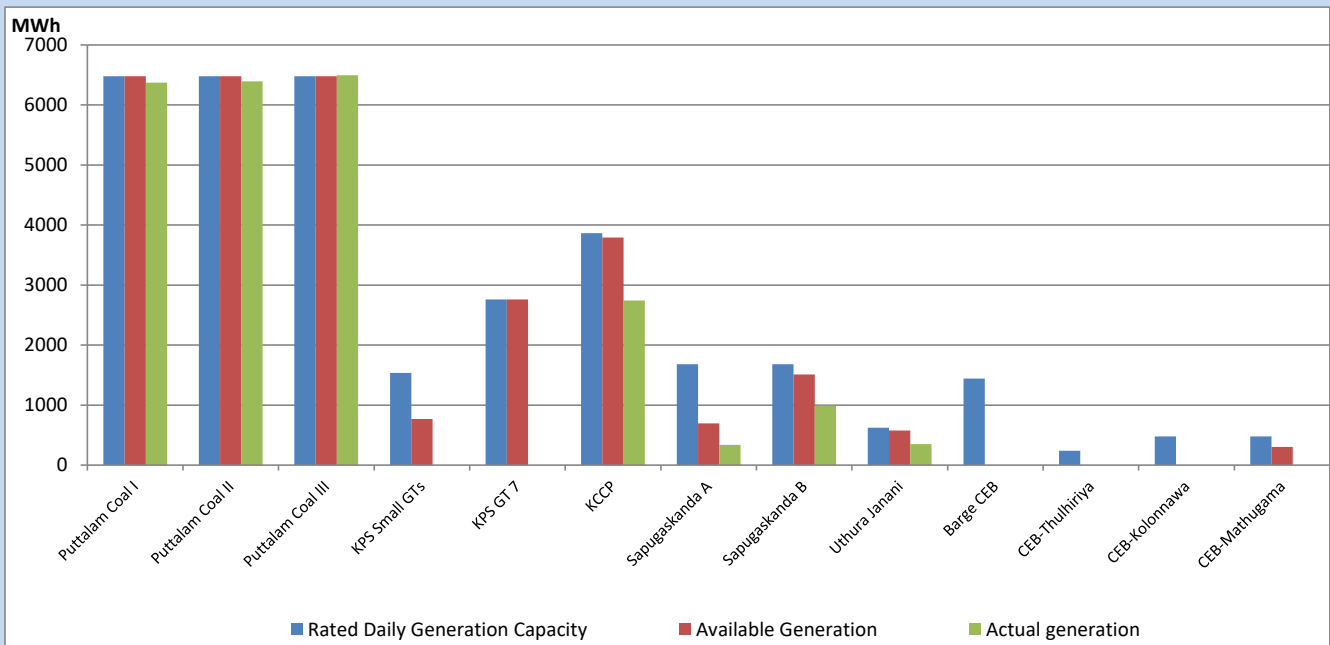
Category	Dispatch (GWh)	Percentage
CEB Hydro	62	29.16%
CEB Coal	111	52.57%
CEB Thermal Oil	22	10.47%
IPP Thermal	0	0.00%
SPP Wind	4	1.92%
CEB Wind	6	2.71%
Mini Hydro (Telemetered)	4	1.80%
IPP Solar (Bulk-10MW)	1	0.62%
IPP Wasteheat + BMP	2	0.73%
Total	211	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	391	29.53%
CEB Coal	578	43.59%
CEB Thermal Oil	195	14.70%
IPP Thermal	56	4.21%
SPP Wind	25	1.89%
CEB Wind	31	2.33%
Mini Hydro (Telemetered)	31	2.33%
IPP Solar (Bulk-10MW)	10	0.73%
IPP Wasteheat	9	0.69%
Total	1,326	

CEB owned Thermal Plant Dispatch

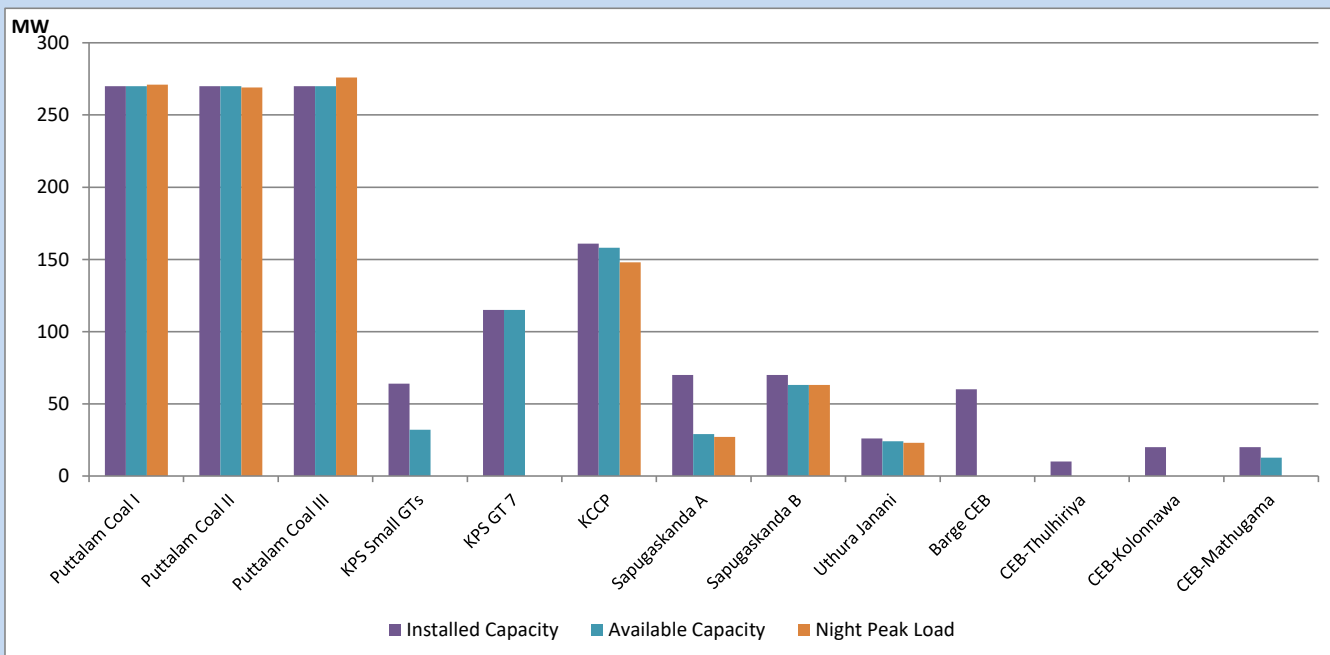
February 6, 2023



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

February 7, 2023

CEB owned Thermal Plant Loading at the Night Peak

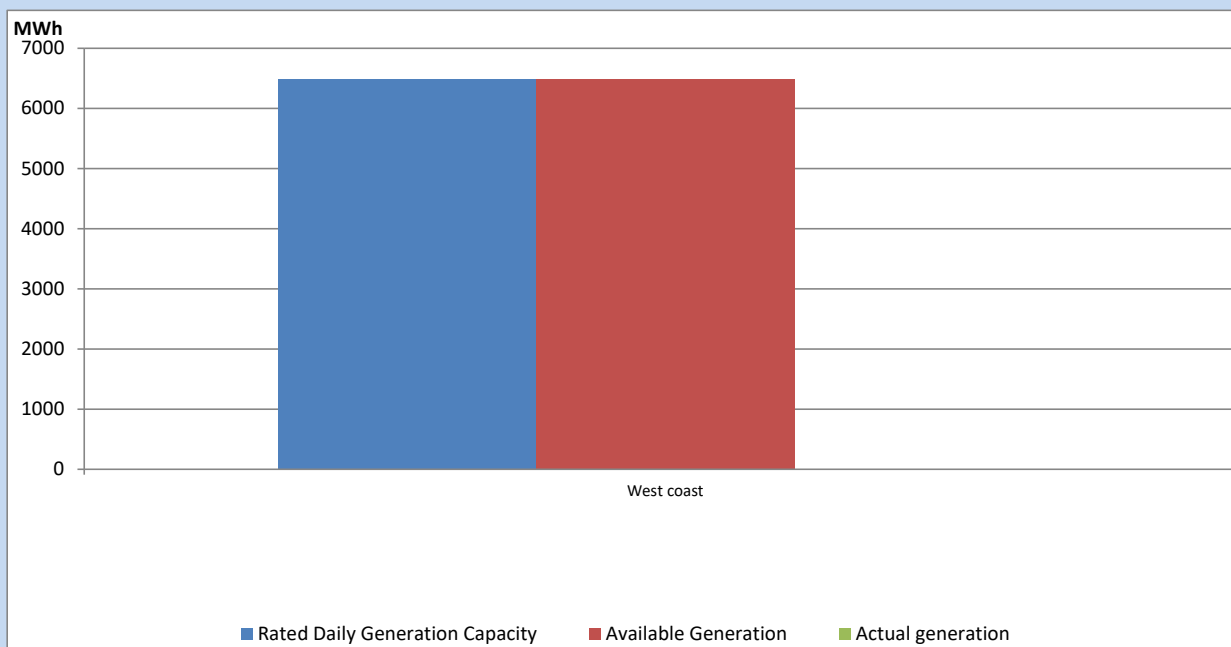


Note- Plant availability is recorded at 6.00 am on

February 7, 2023

IPP owned Thermal Plant Dispatch

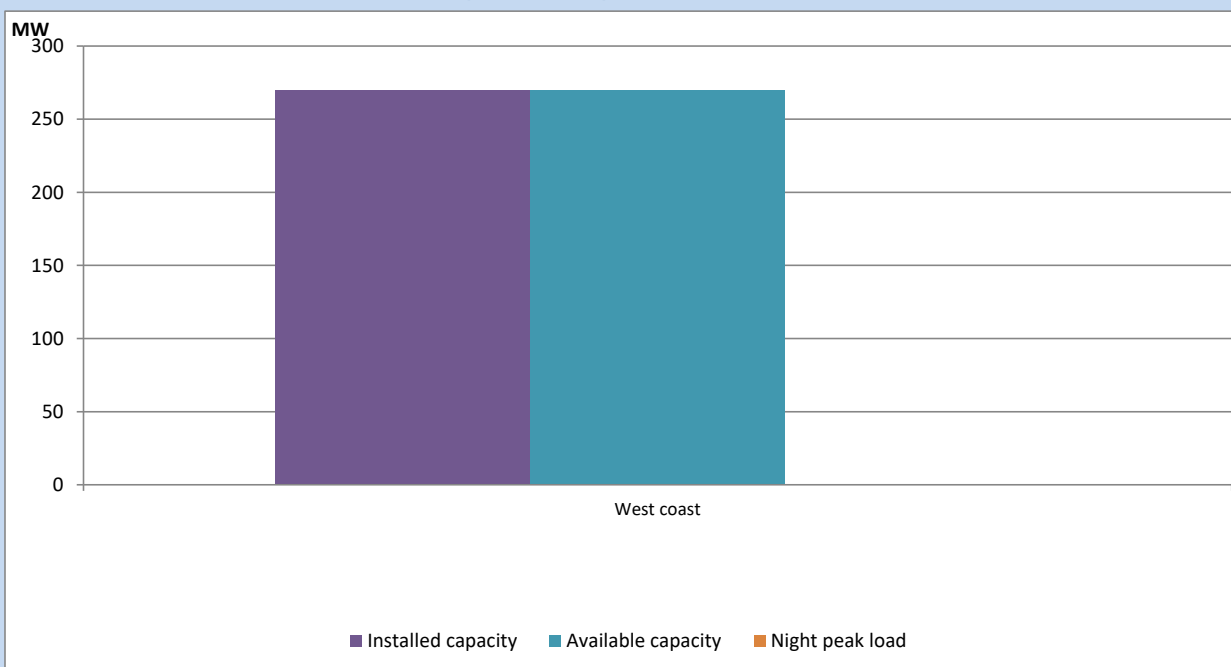
February 6, 2023



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

February 7, 2023

IPP owned Thermal Plant Loading at the Night Peak

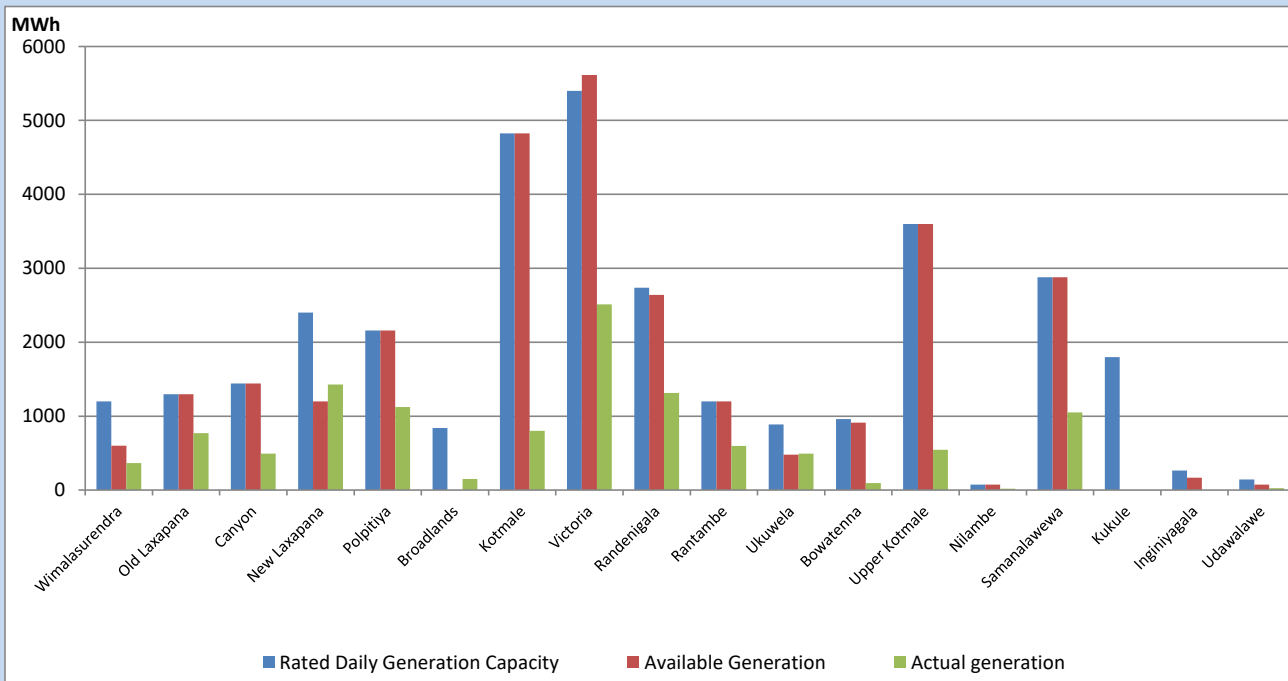


Note- Plant availability is recorded at 6.00 am on

February 7, 2023

Major Hydro Plant Dispatch

February 6, 2023

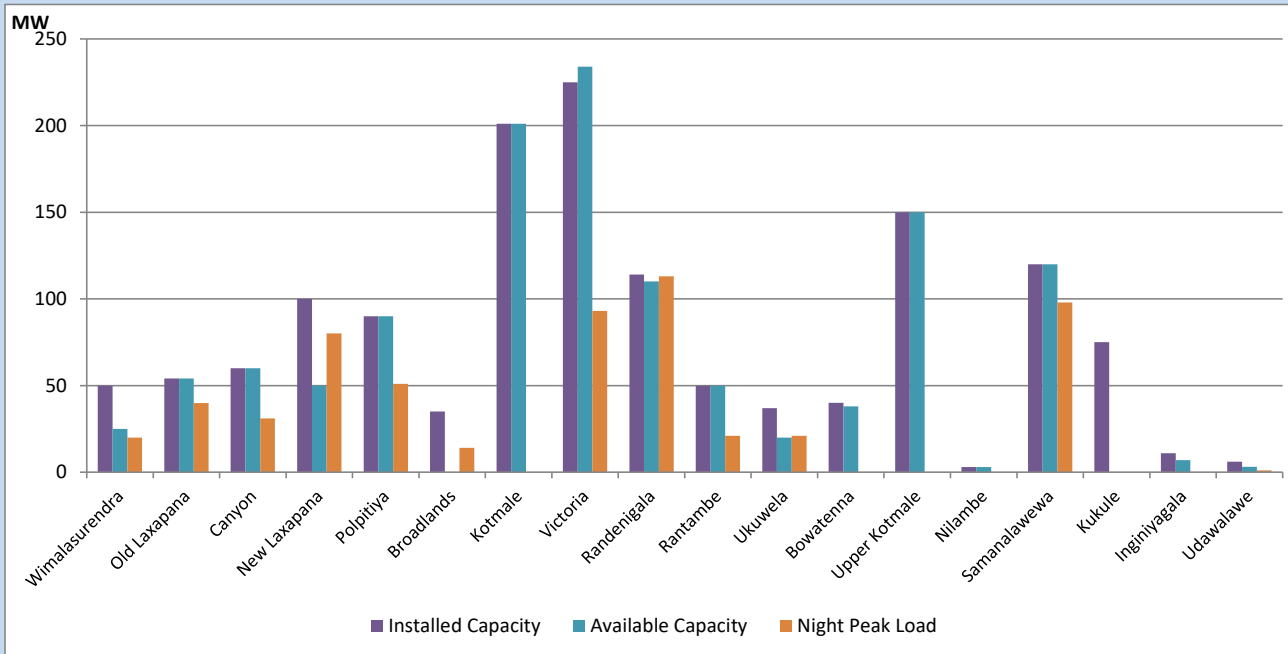


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

February 7, 2023

Major Hydro Plant Loading at Night Peak

February 6, 2023



Note- Plant availability is recorded at 6.00 am on

February 7, 2023

Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

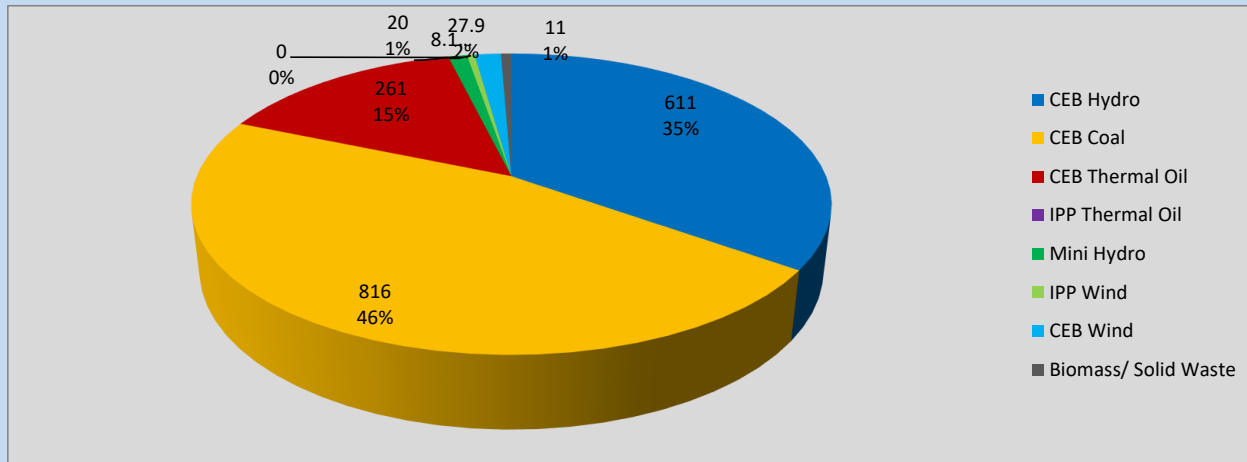
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	20	364
Old Laxapana	54	54	40	770
Canyon	60	60	31	492
New Laxapana	100	50	80	1,429
Polpitiya	90	90	51	1,122
Broadlands	35	0	14	149
Kotmale	201	201	0	800
Victoria	225	234	93	2,512
Randenigala	114	110	113	1,314
Rantambe	50	50	21	598
Ukuwela	37	20	21	492
Bowatenna	40	38	0	93
Upper Kotmale	150	150	0	545
Nilambe	3	3	0	20
Samanalawewa	120	120	98	1,050
Kukule	75	0	0	0
Inginiyagala	11	7	0	0
Udawalawe	6	3	1	26
Puttalam Coal I	270	270	271	6,373
Puttalam Coal II	270	270	269	6,392
Puttalam Coal III	270	270	276	6,496
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	158	148	2,745
Sapugaskanda A	70	29	27	338
Sapugaskanda B	70	63	63	991
Uthura Janani	26	24	23	351
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	13	0	0
ACE Matara	24	0	0	0
Asia Power	50	0	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	0	0
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,729	1,727	37,676

Plant availability is the availability recorded at 6 am on

February 7, 2023

Contribution to the Night Peak in MW

February 6, 2023

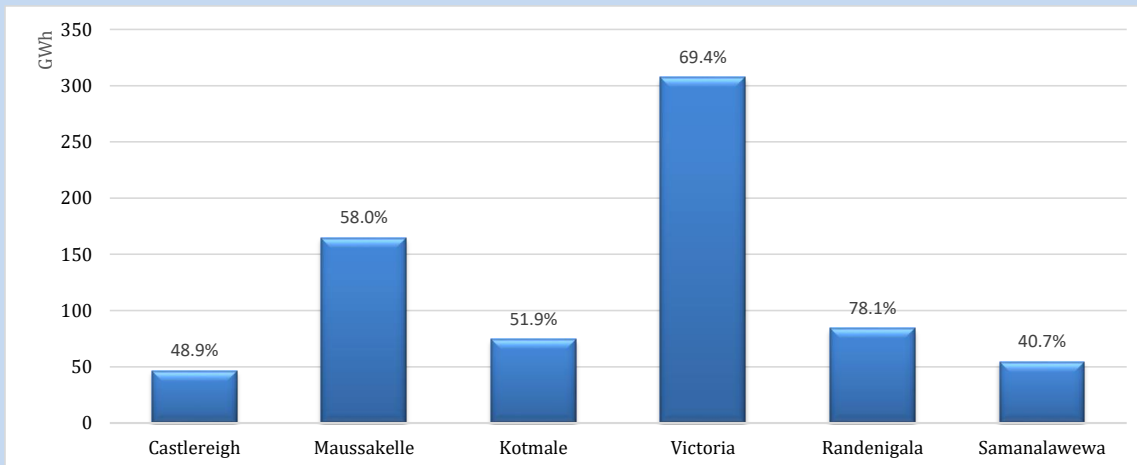


Night Peak*	1,754.9 MW
Day Peak	1,896.9 MW
Minimum Demand	1,024.8 MW

Above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

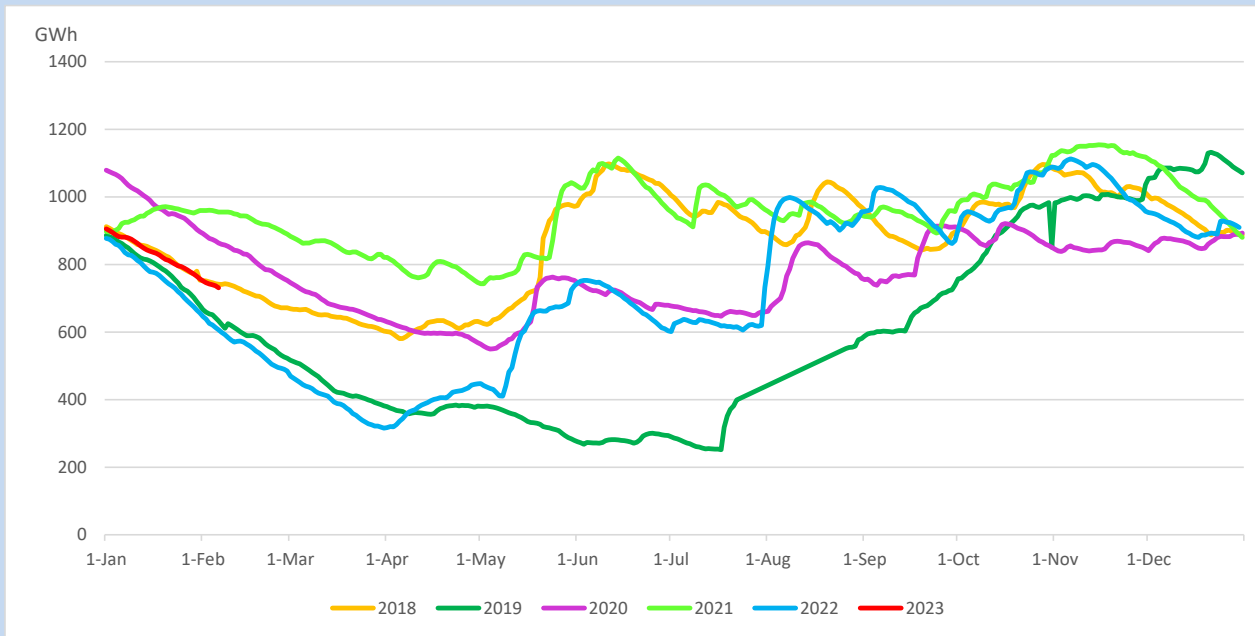
Reservoir Levels -

as at 06.00 Hr on February 7, 2023

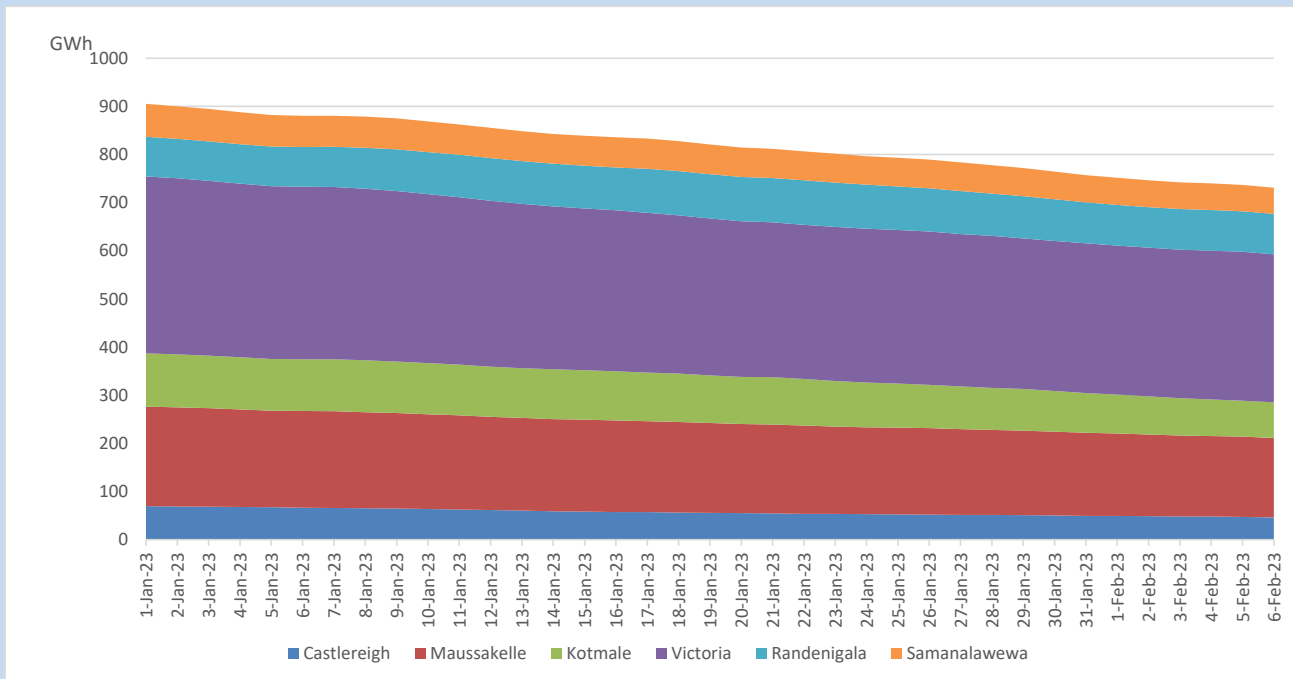


Total Reservoir Level	730.9 GWh
% of Total capacity	60.6%

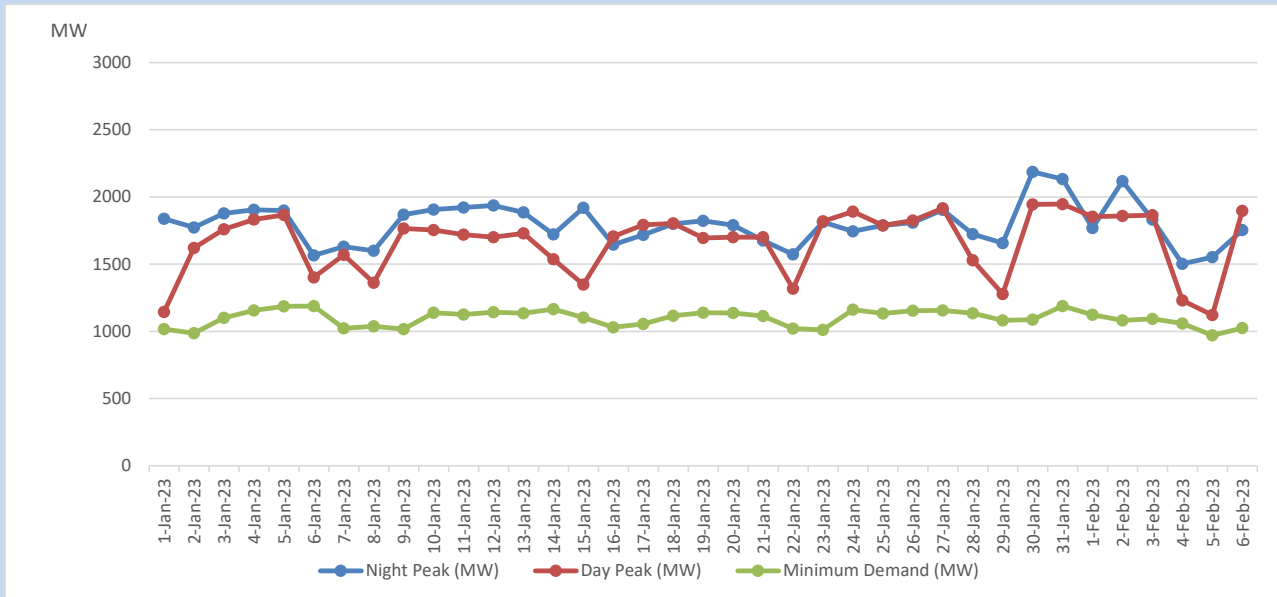
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

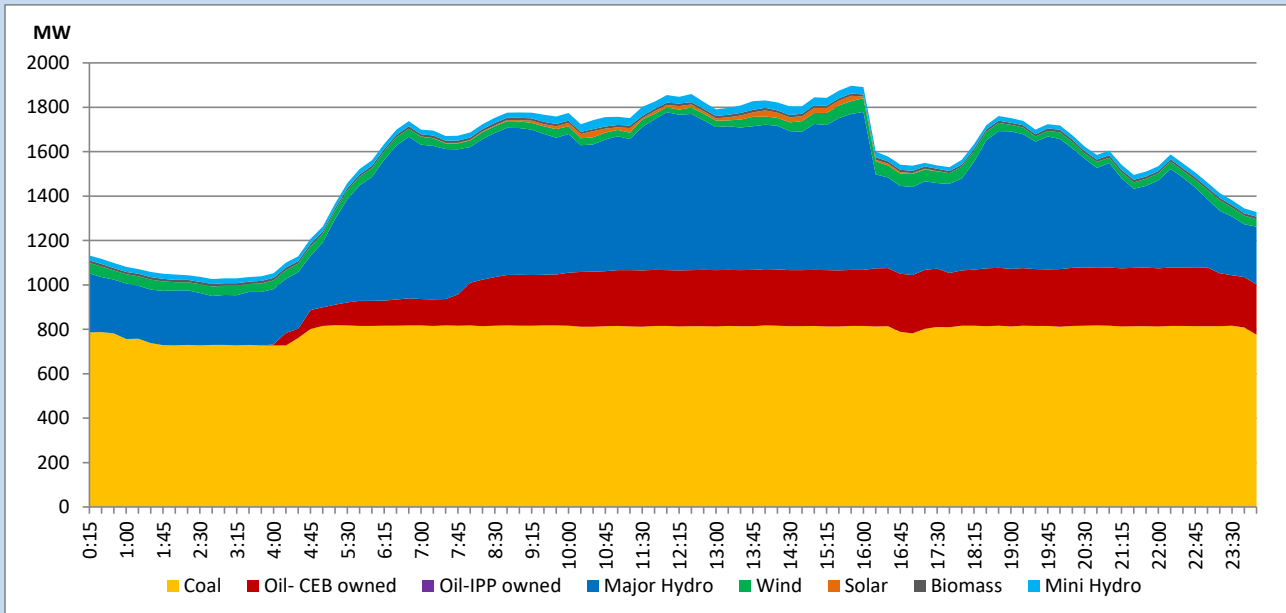


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

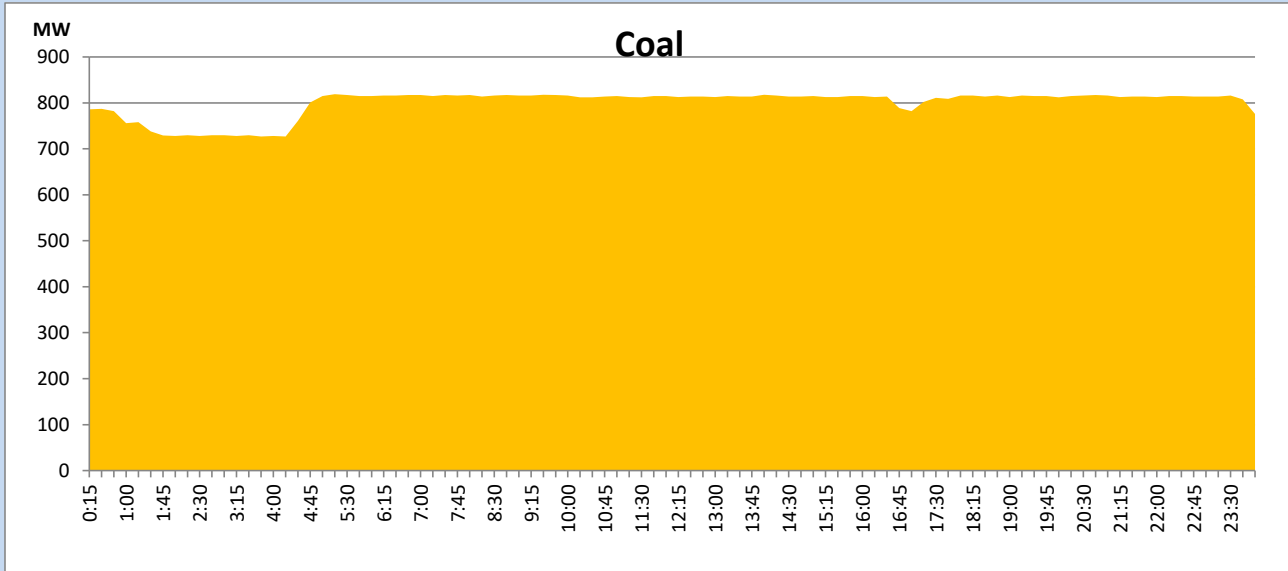
February 6, 2023

Solar and wind data is based on Telemetered Power Stations only



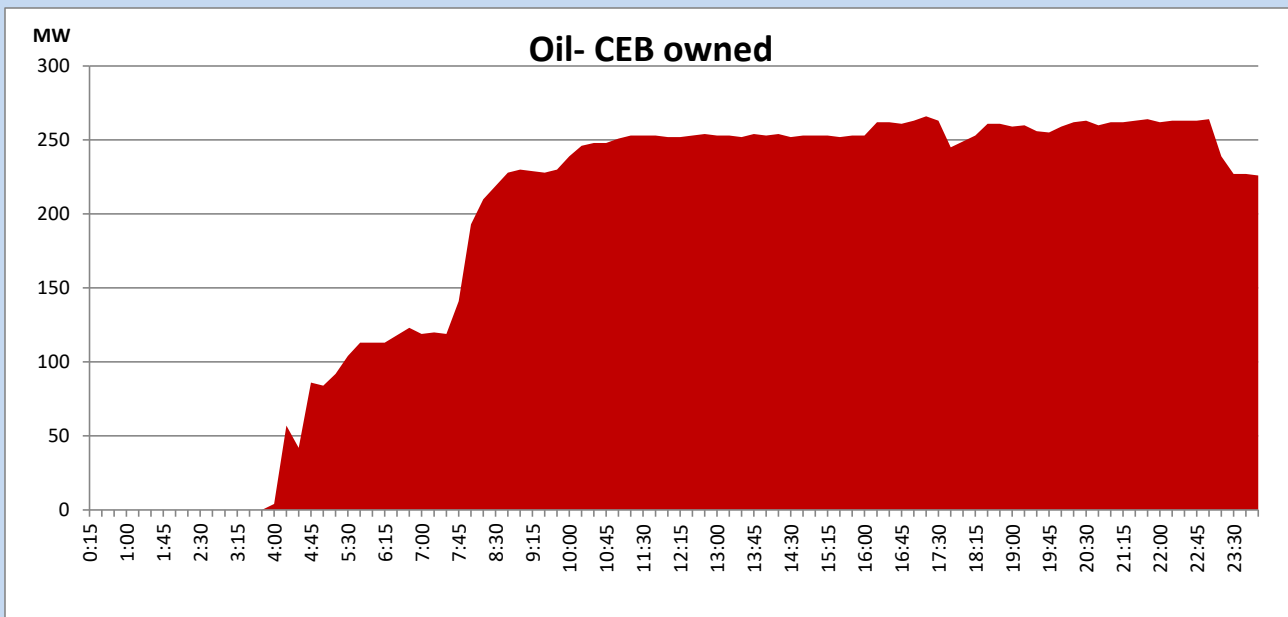
Coal Generation during

February 6, 2023



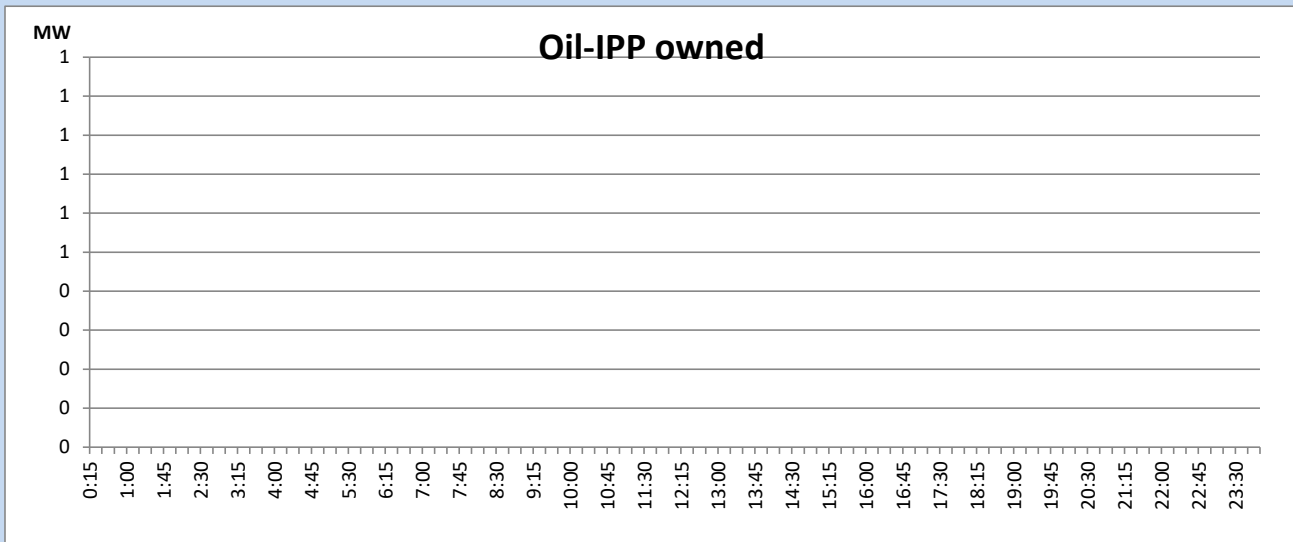
CEB Oil Plant Generation during

February 6, 2023



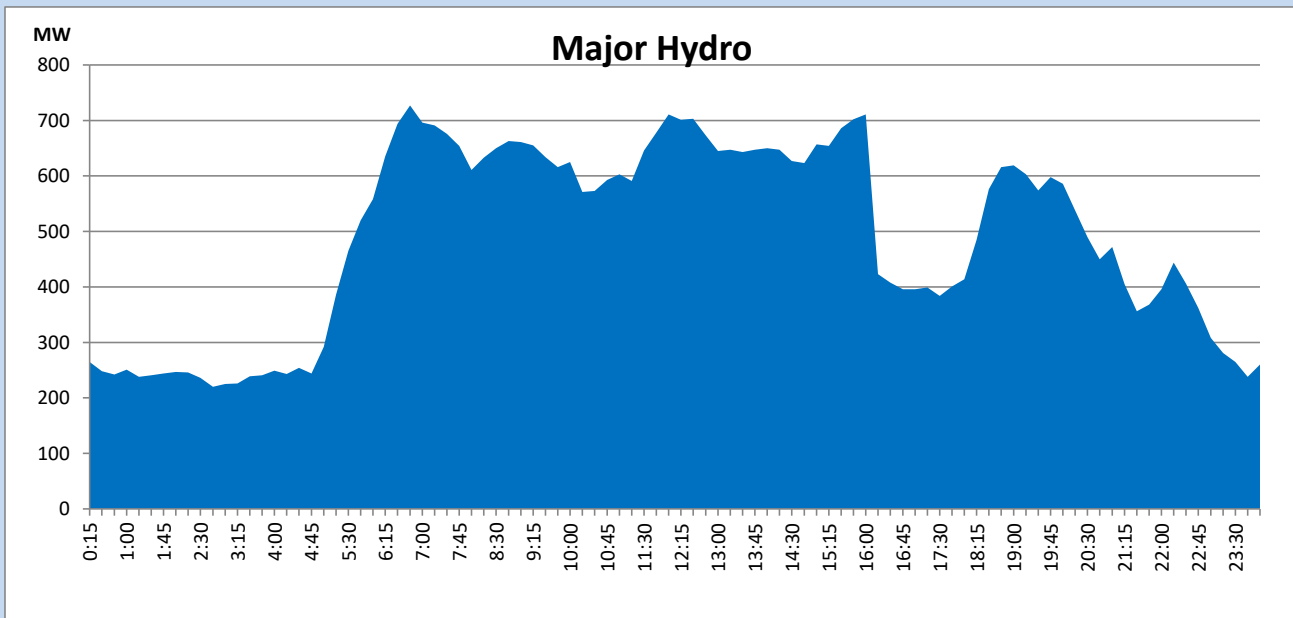
IPP Oil Plant Generation during

February 6, 2023



Major Hydro Generation during

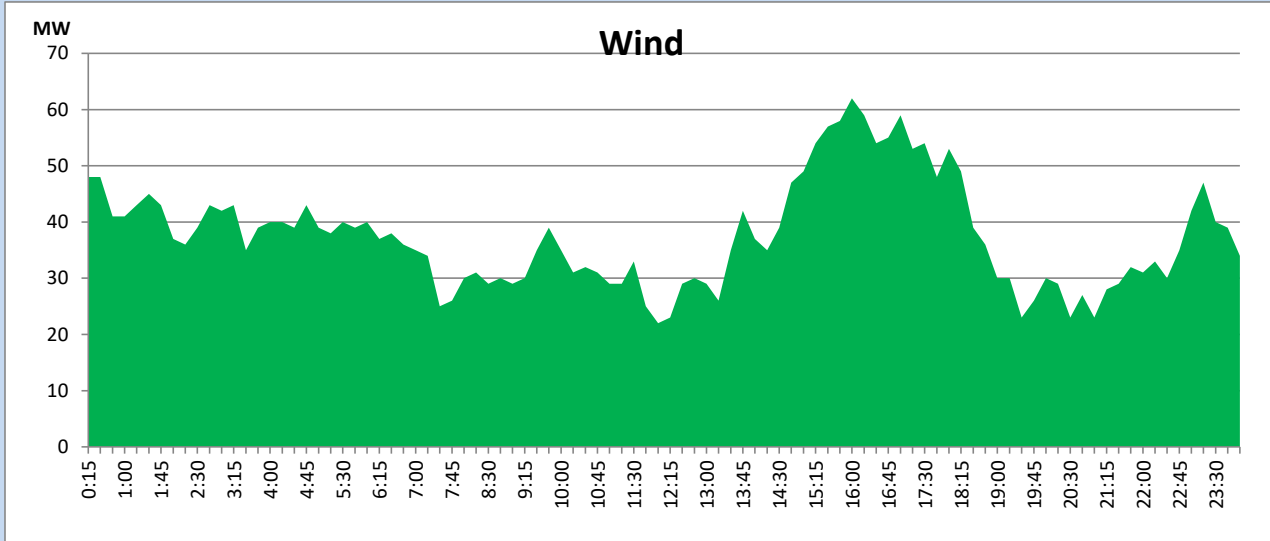
February 6, 2023



Wind Generation during

February 6, 2023

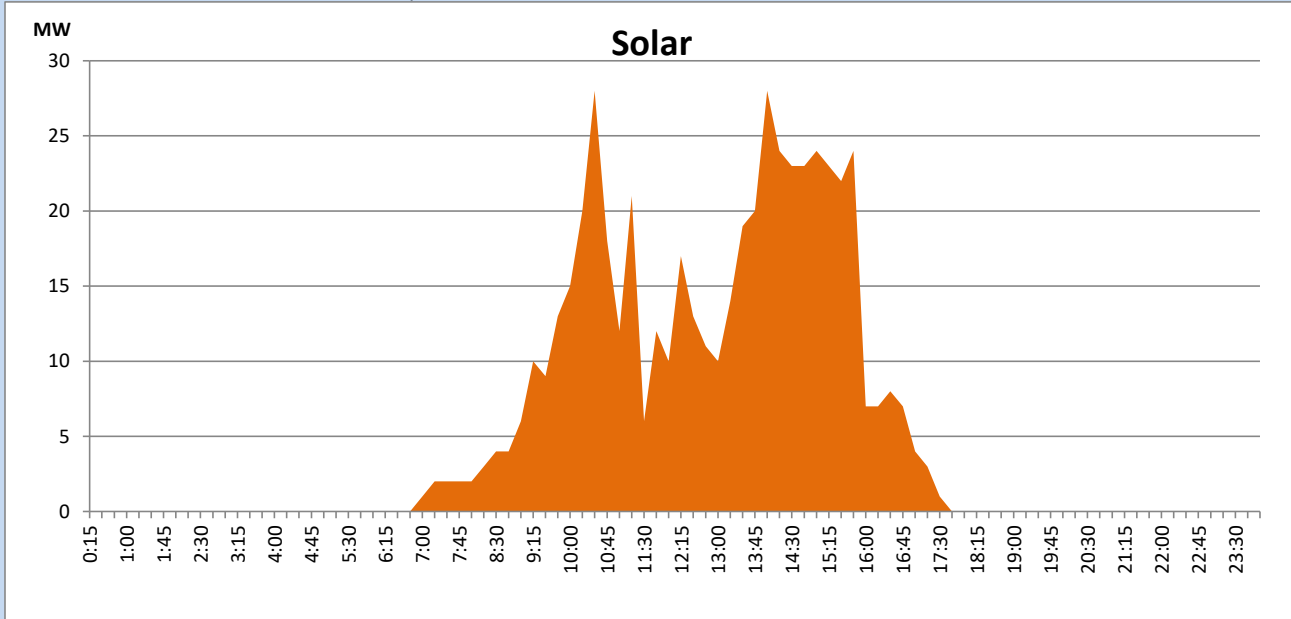
Based on Telemetered Power Stations only



Solar Generation during

February 6, 2023

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	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	
West Coast	Auto Diesel / Heavy Fuel

Major Incidents reported during the day

February 6, 2023

- 1) Rotational manual load shedding was carried out from 16:00hrs to 22:00hrs.