

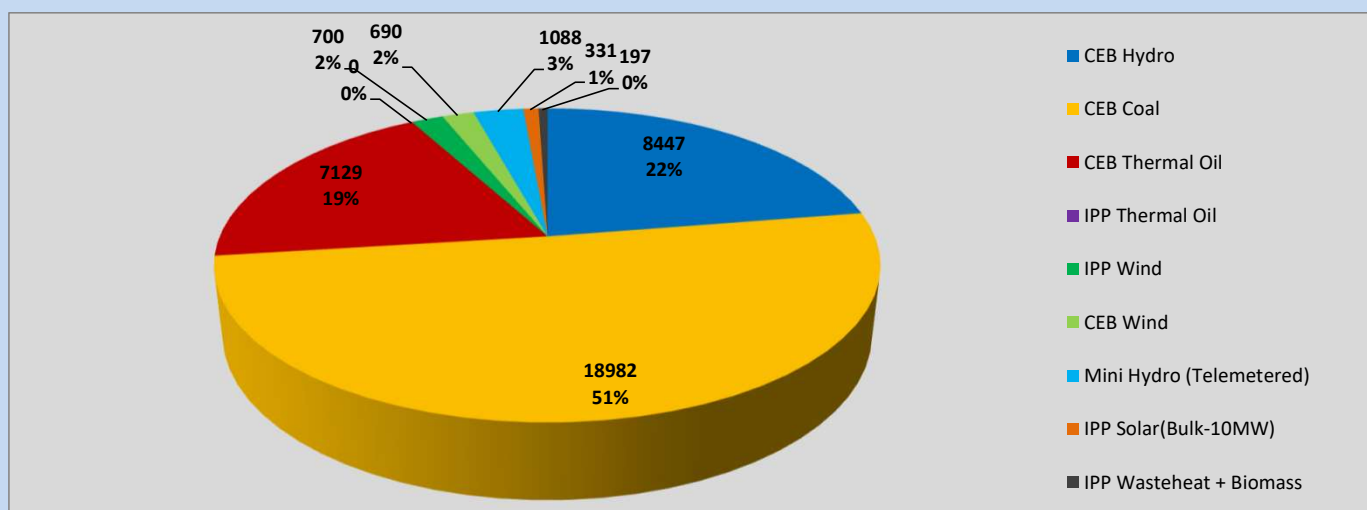
Generation and Reservoirs Statistics

January 25, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =

37,564 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 2.18 GWh

Estimated Mini Hydro (Non telemetered) = 1432 MWh

Estimated IPP Solar PV (Bulk 1-10MW) = 304MWh

Estimated Solar Roof Top PV = 1480 MWh

Cumulative Dispatch

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

For Current Month

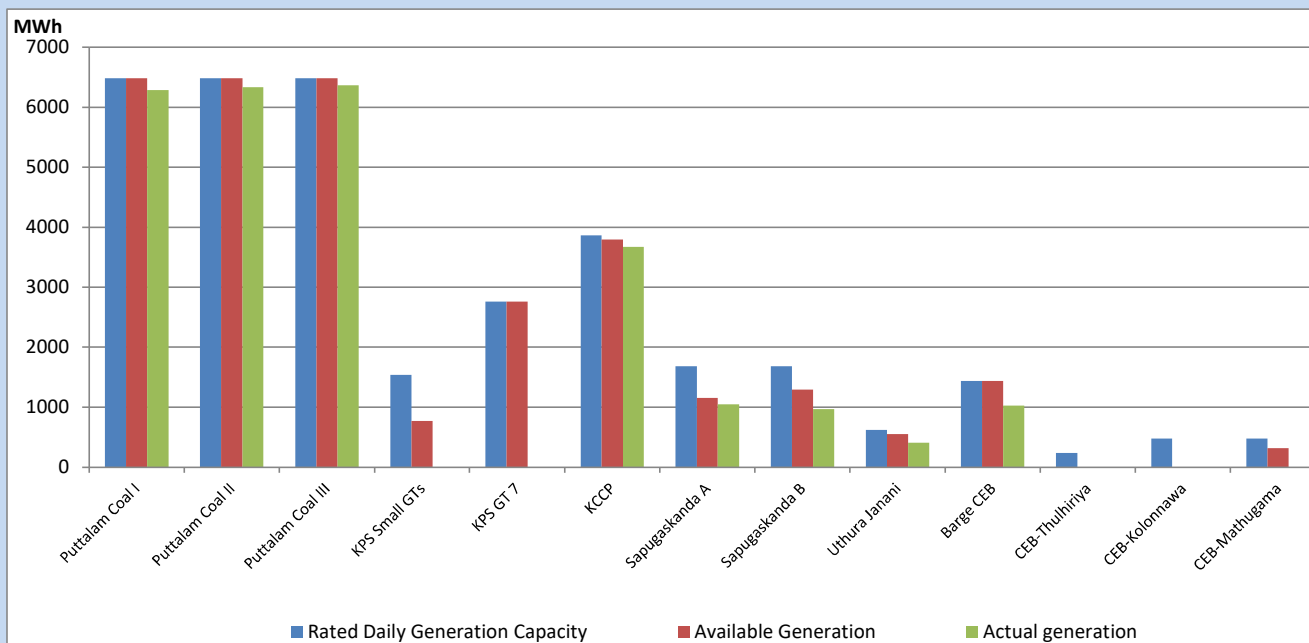
Category	Dispatch (GWh)	
CEB Hydro	266	29.88%
CEB Coal	353	39.64%
CEB Thermal Oil	141	15.86%
IPP Thermal	56	6.27%
SPP Wind	17	1.95%
CEB Wind	21	2.35%
Mini Hydro (Telemetered)	22	2.51%
IPP Solar(Bulk-10MW)	7	0.78%
IPP Wasteheat + BMP	7	0.77%
Total	890	

For Current Year

Category	Dispatch (GWh)	
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CEB owned Thermal Plant Dispatch

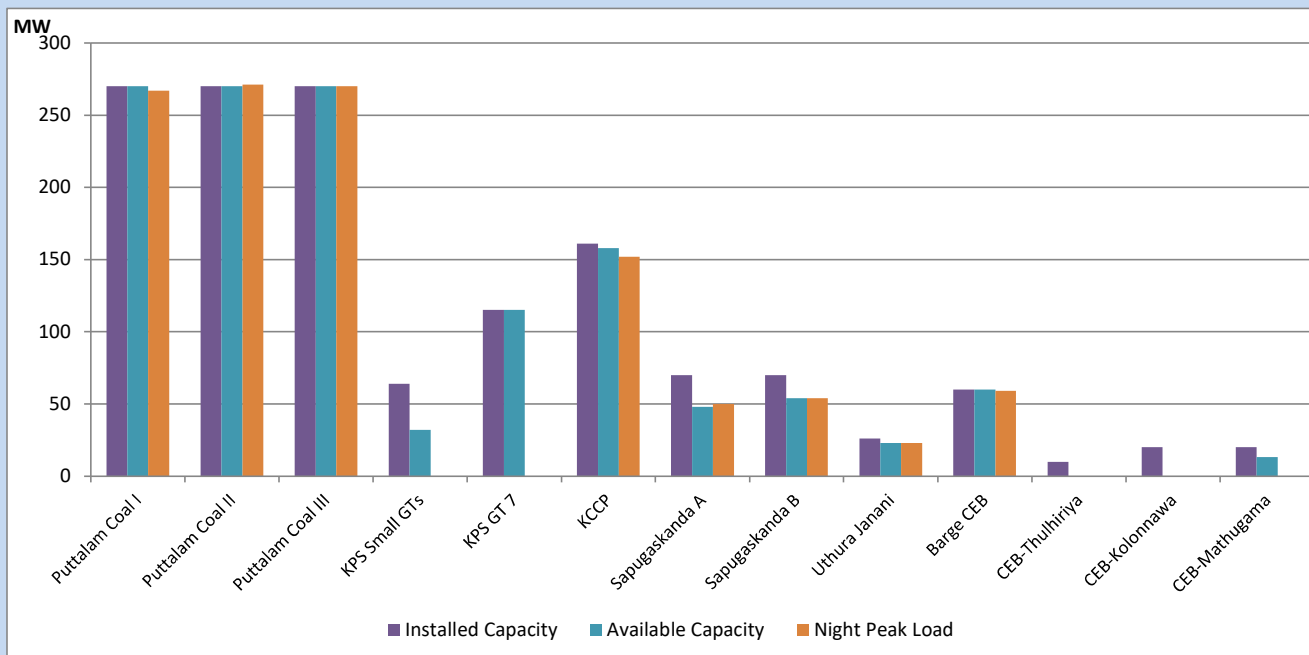
January 25, 2023



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

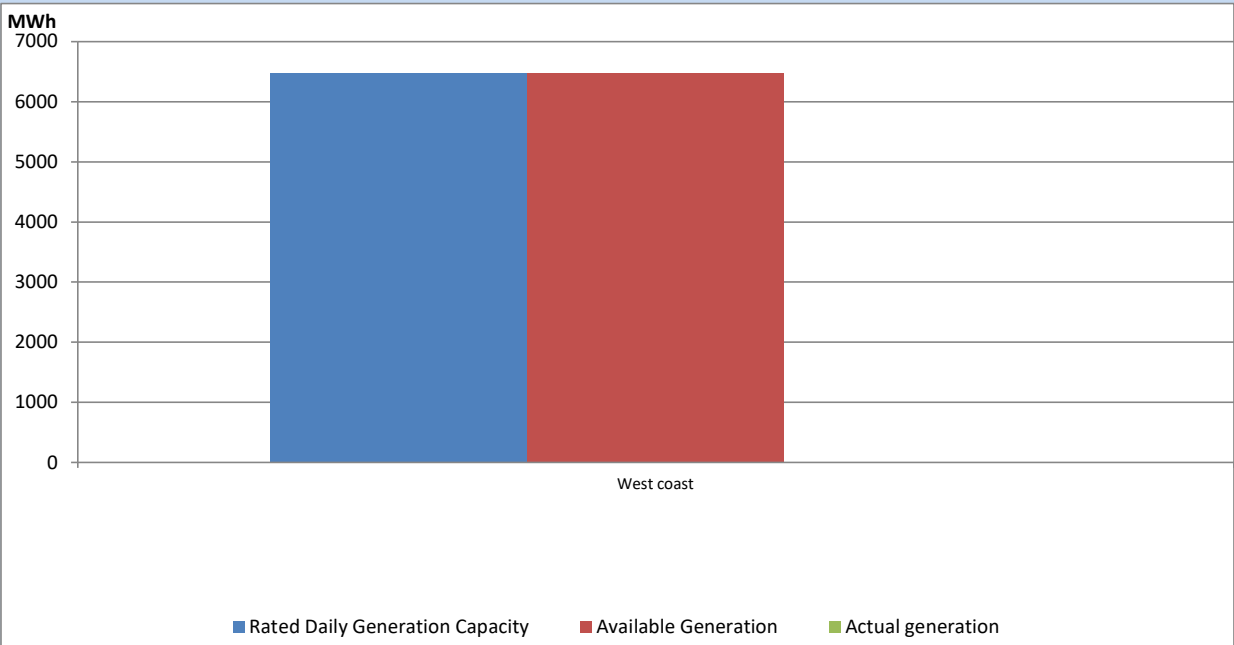
January 26, 2023

CEB owned Thermal Plant Loading at the Night Peak



Note- Plant availability is recorded at 6.00 am on

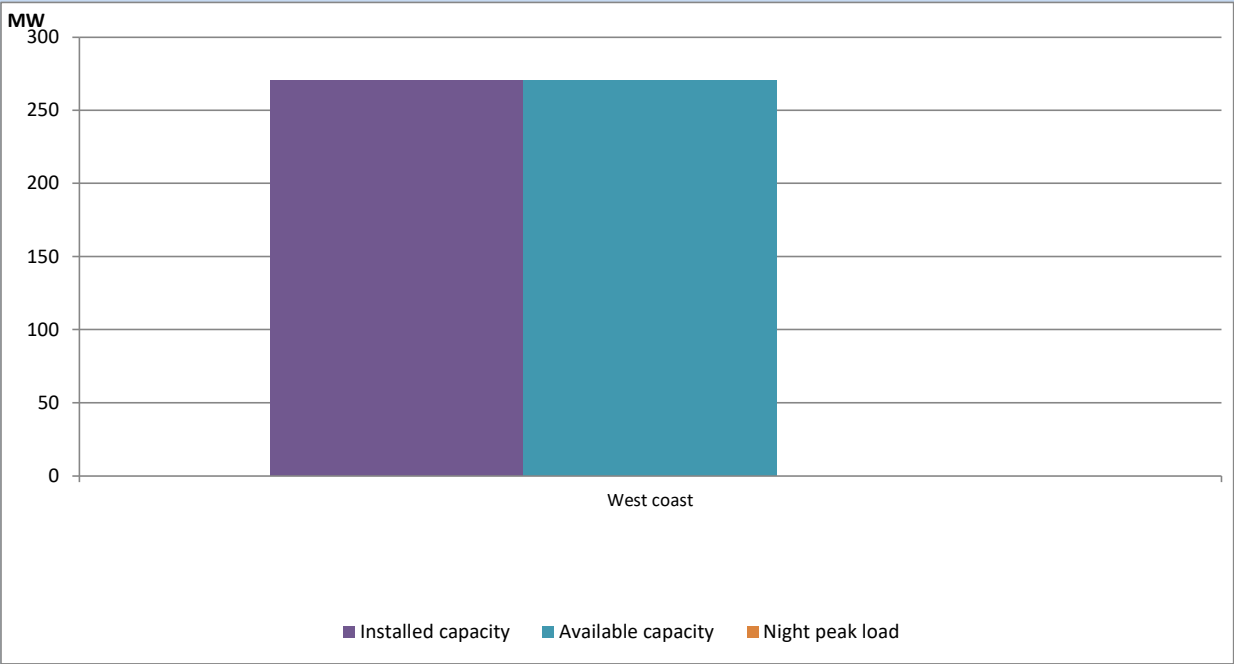
January 26, 2023



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

January 26, 2023

IPP owned Thermal Plant Loading at the Night Peak

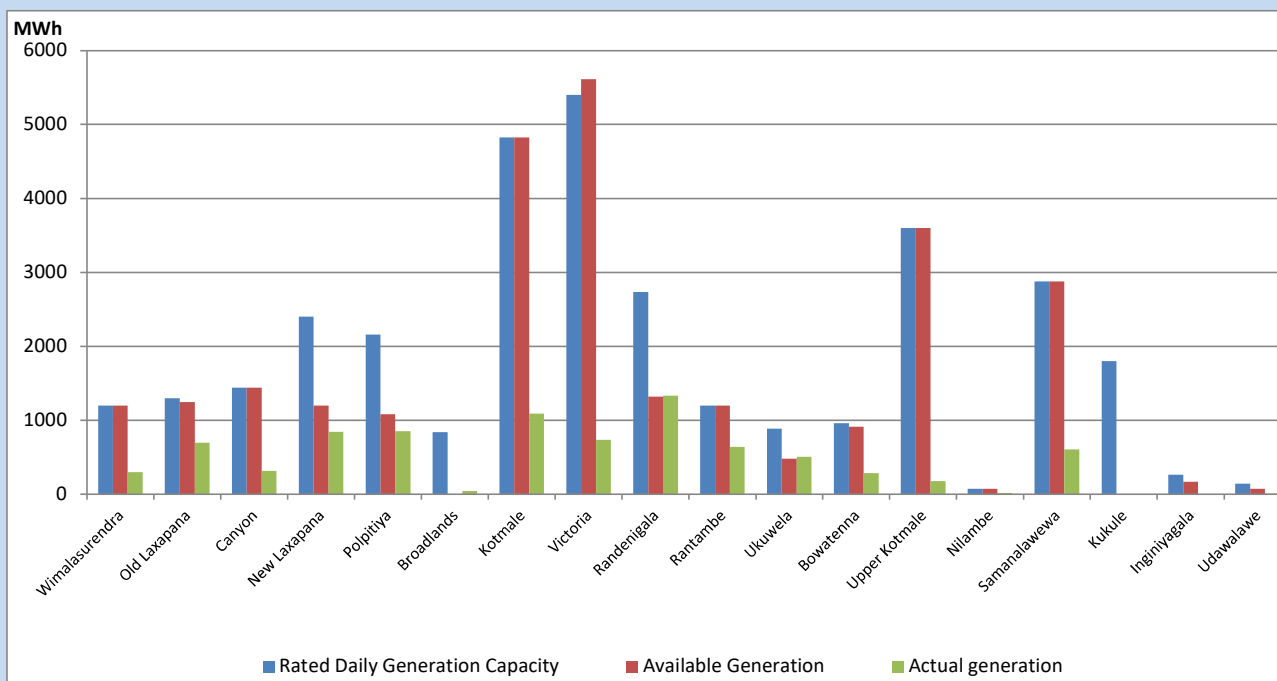


Note- Plant availability is recorded at 6.00 am on

January 26, 2023

Major Hydro Plant Dispatch

January 25, 2023

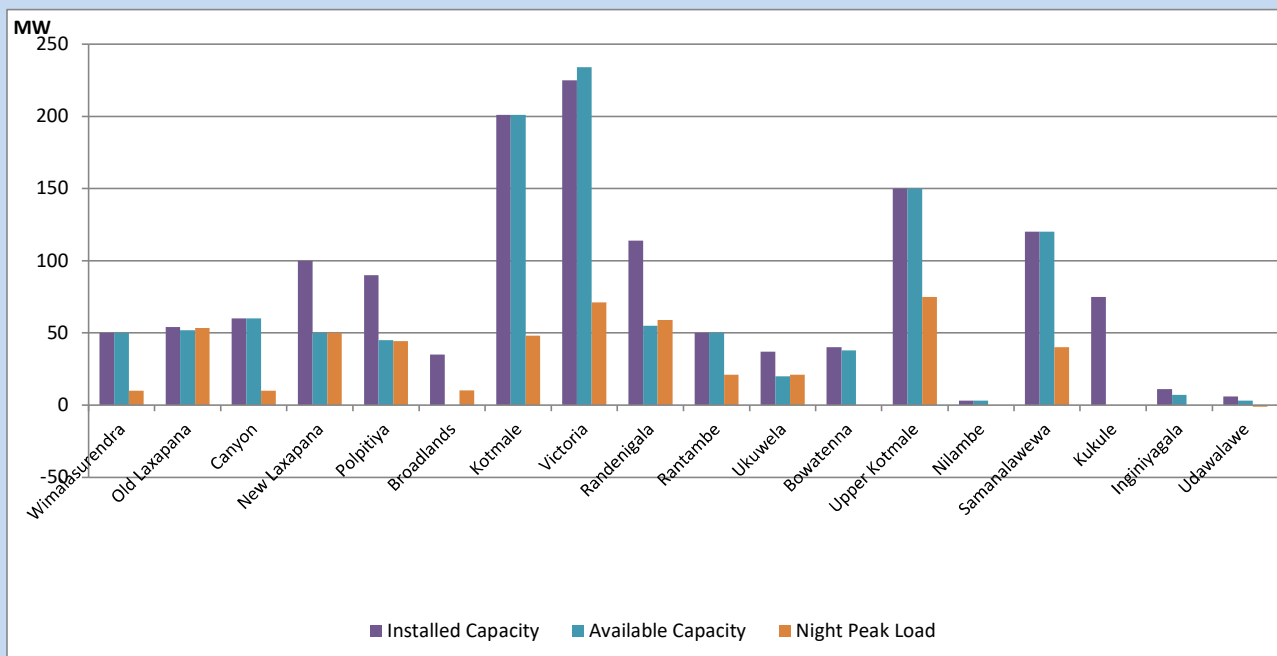


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

January 26, 2023

Major Hydro Plant Loading at Night Peak

January 25, 2023



Note- Plant availability is recorded at 6.00 am on

January 26, 2023

Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

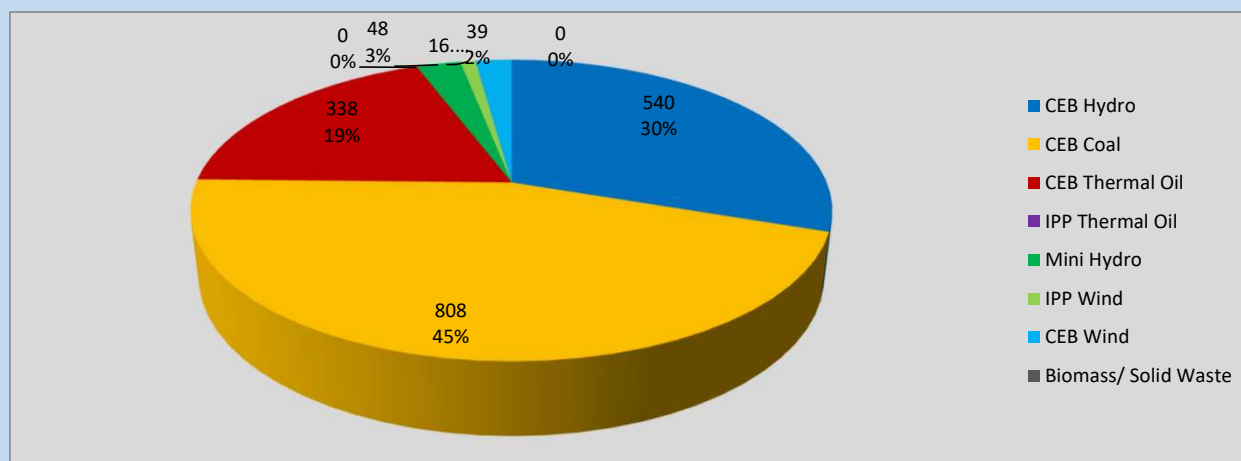
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	10	299
Old Laxapana	54	52	53	698
Canyon	60	60	10	315
New Laxapana	100	50	50	843
Polpitiya	90	45	44	852
Broadlands	35	0	10	44
Kotmale	201	201	48	1,090
Victoria	225	234	71	736
Randenigala	114	55	59	1,332
Rantambe	50	50	21	642
Ukuwela	37	20	21	505
Bowatenna	40	38	0	284
Upper Kotmale	150	150	75	178
Nilambe	3	3	0	15
Samanalawewa	120	120	40	606
Kukule	75	0	0	0
Inginiyagala	11	7	0	0
Udawalawe	6	3	-1	8
Puttalam Coal I	270	270	267	6,285
Puttalam Coal II	270	270	271	6,330
Puttalam Coal III	270	270	270	6,367
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	158	152	3,673
Sapugaskanda A	70	48	50	1,050
Sapugaskanda B	70	54	54	971
Uthura Janani	26	23	23	408
Barge CEB	60	60	59	1,027
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
Nothorn Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,721	1,761	37,564

Plant availability is the availability recorded at 6 am on

January 26, 2023

Contribution to the Night Peak in MW

January 25, 2023

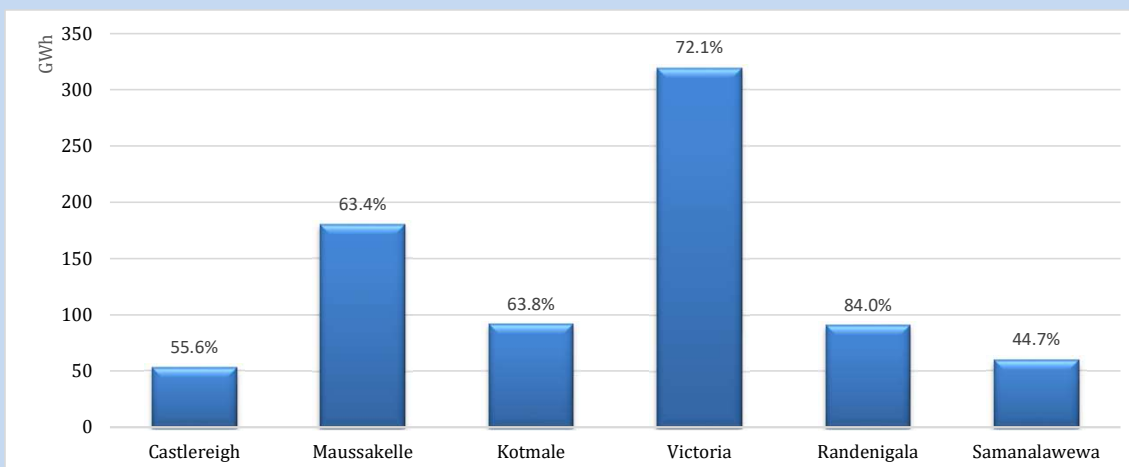


Night Peak*	1,788.8 MW
Day Peak	1,787.8 MW
Minimum Demand	1,132.4 MW

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

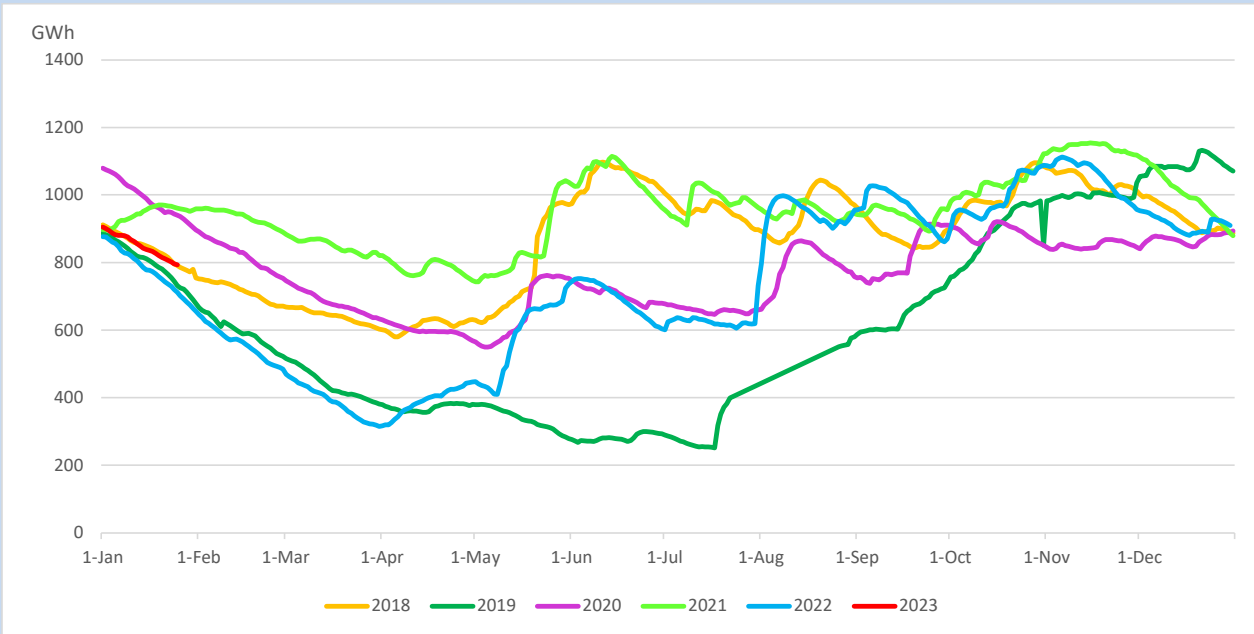
Reservoir Levels -

as at 06.00 Hr on January 26, 2023

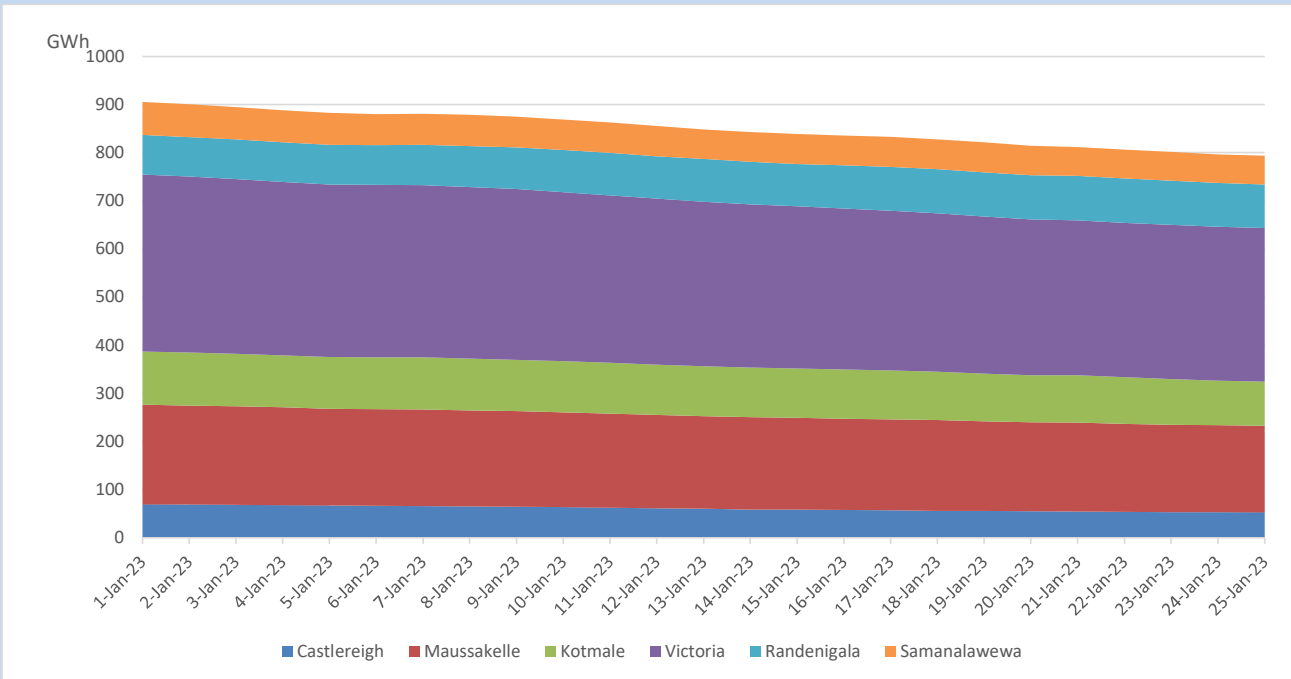


Total Reservoir Level	793.5 GWh
% of Total capacity	65.8%

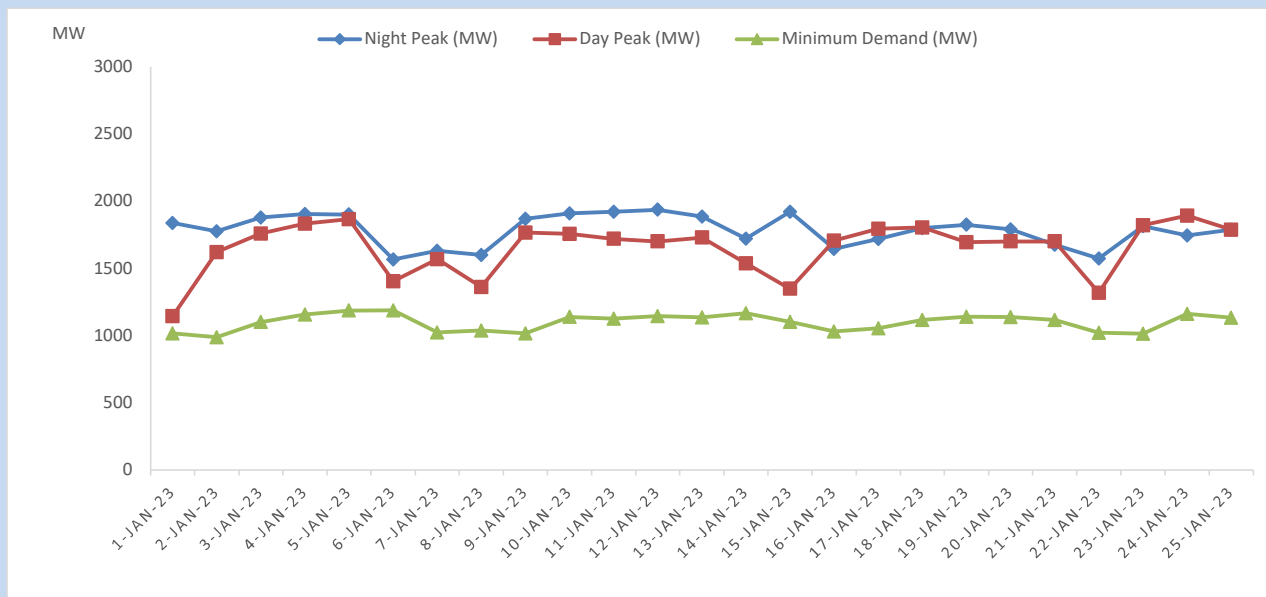
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

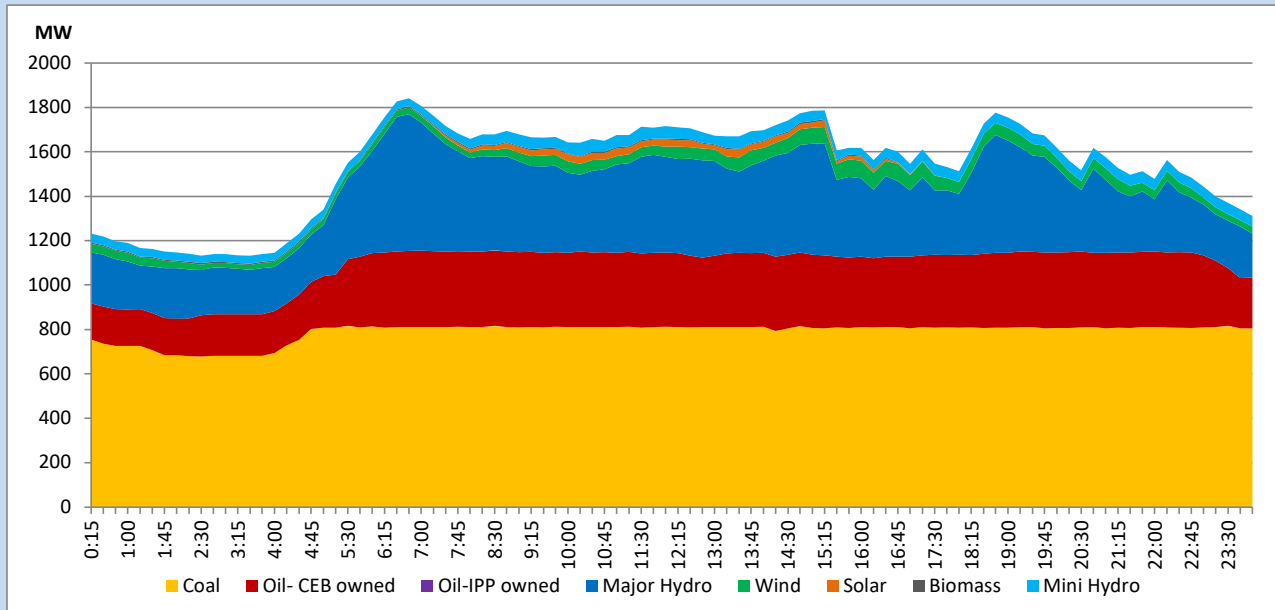


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve of the Previous day

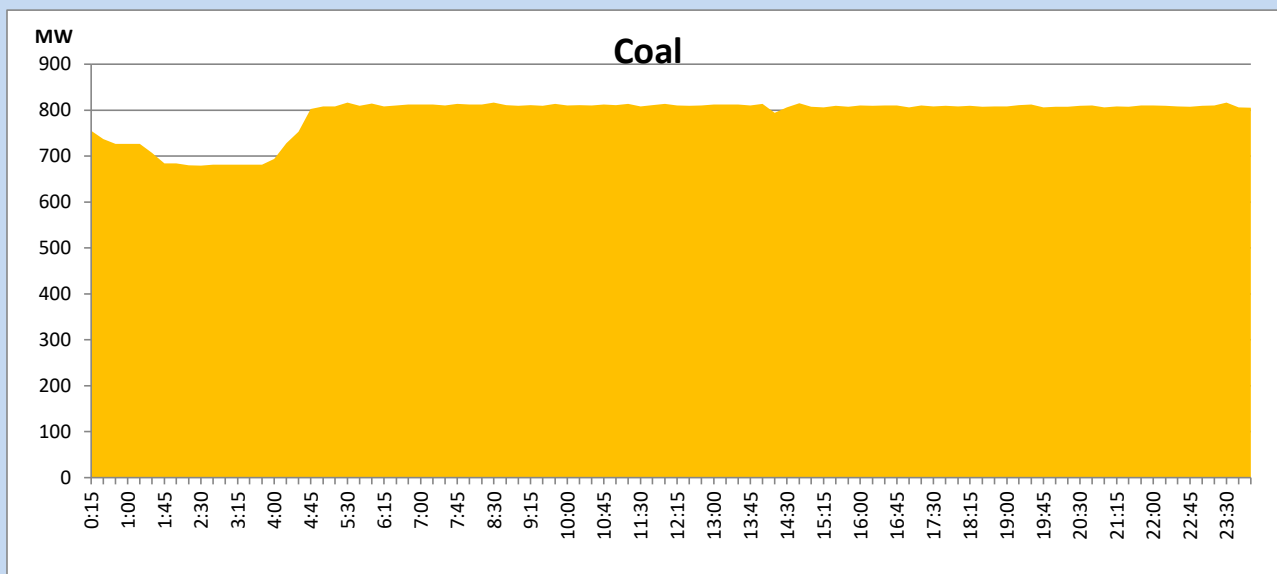
January 25, 2023

Solar and wind data is based on Telemetered Power Stations only



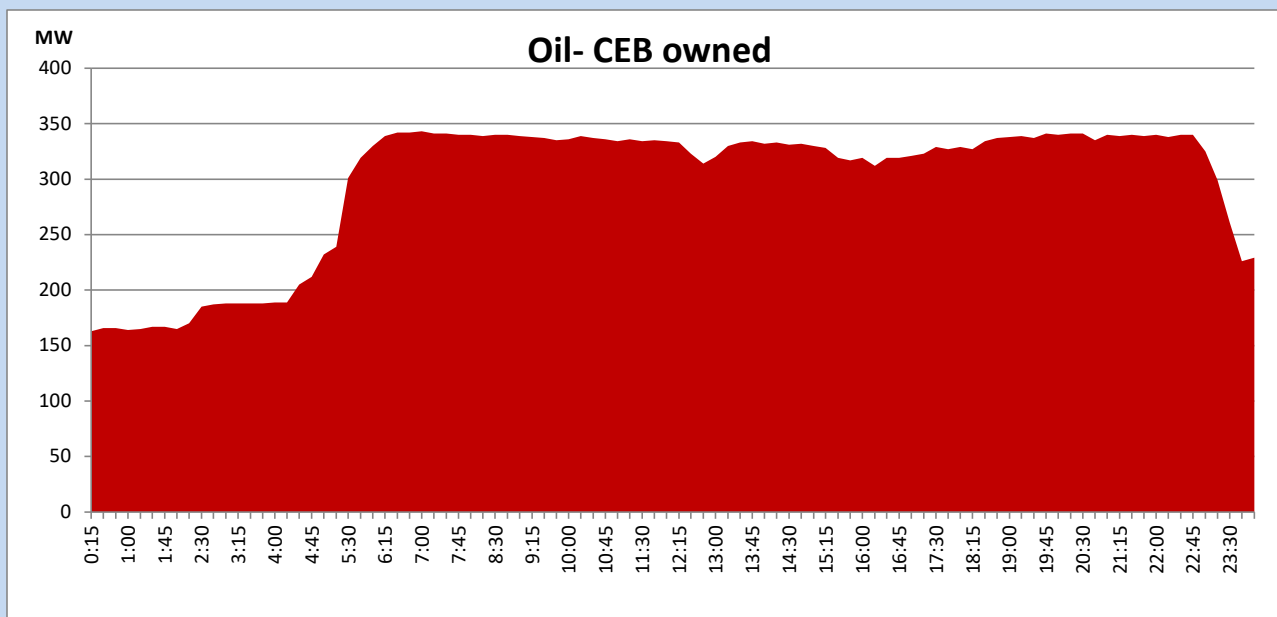
Coal Generation during the Previous day

January 25, 2023



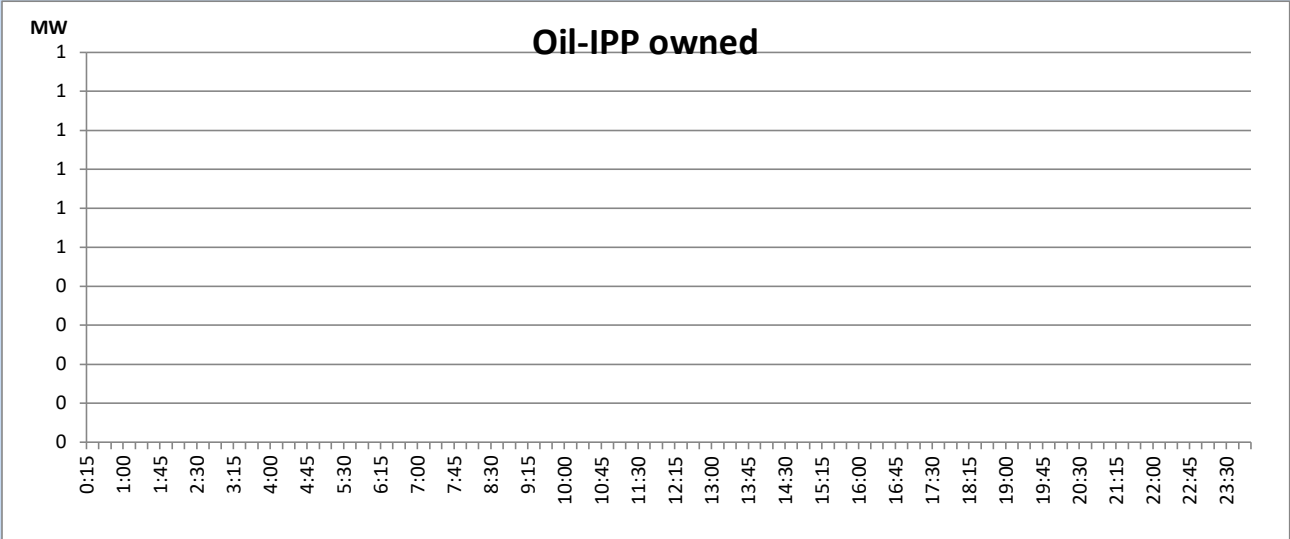
CEB Oil Plant Generation during the Previous day

January 25, 2023



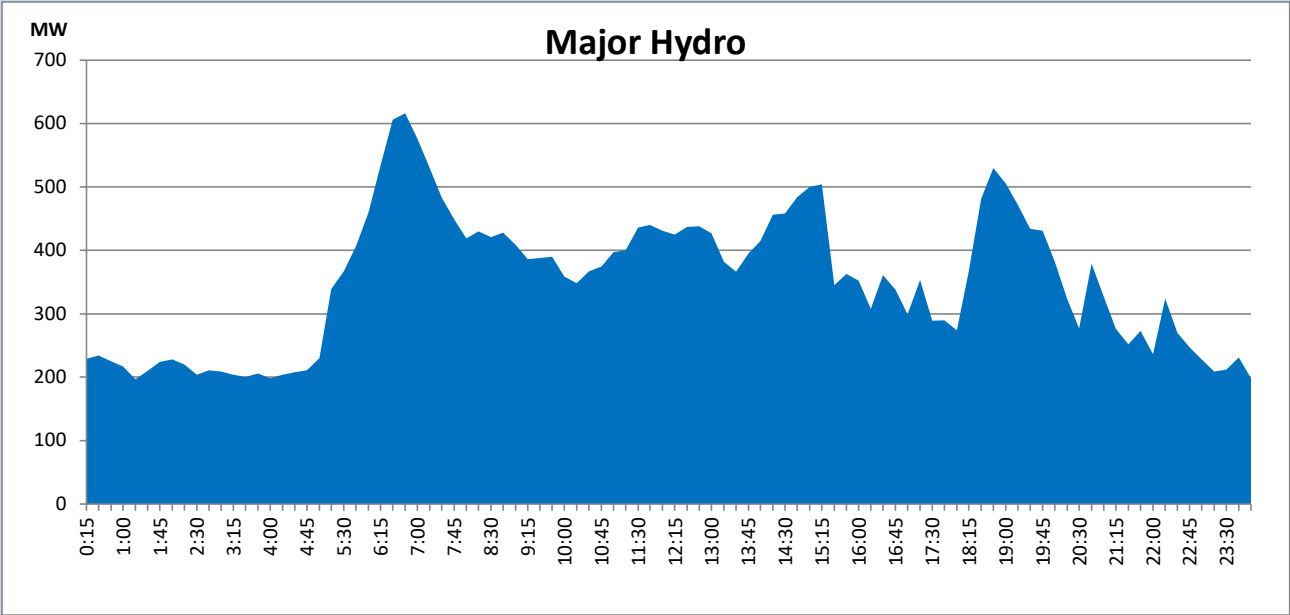
IPP Oil Plant Generation during the Previous day

January 25, 2023



Major Hydro Generation during the Previous day

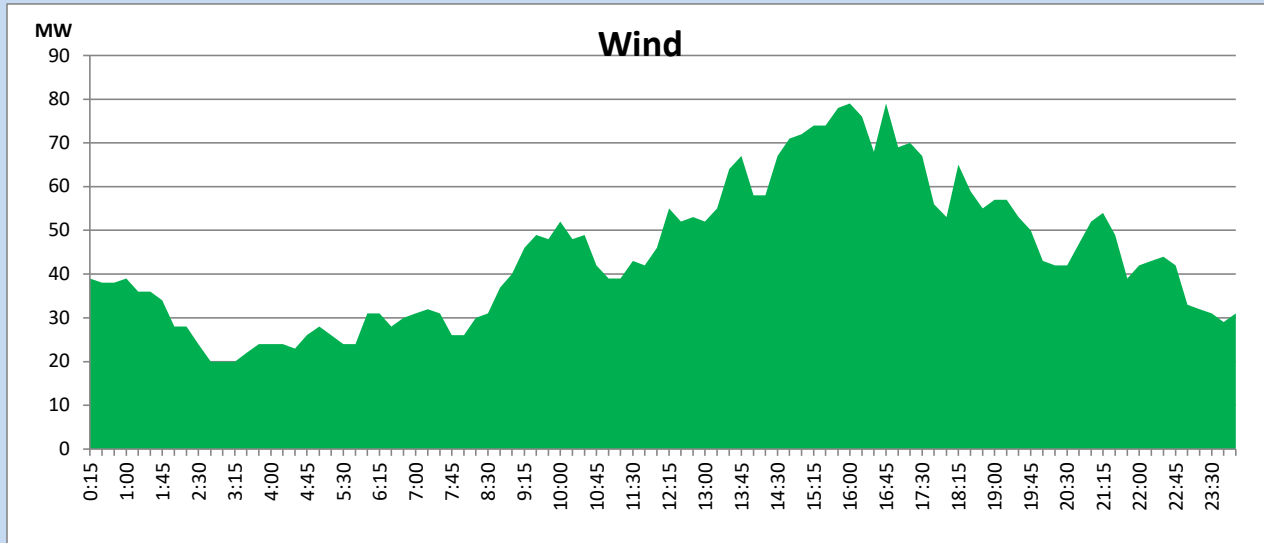
January 25, 2023



Wind Generation during the Previous day

January 25, 2023

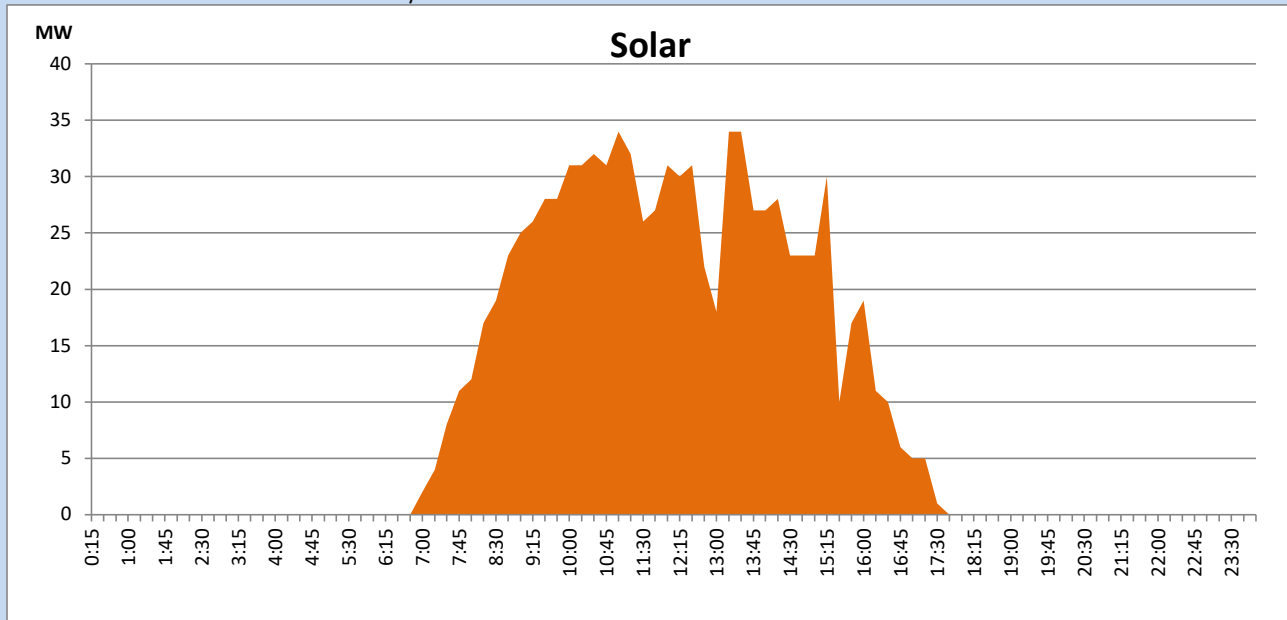
Based on Telemetered Power Stations only



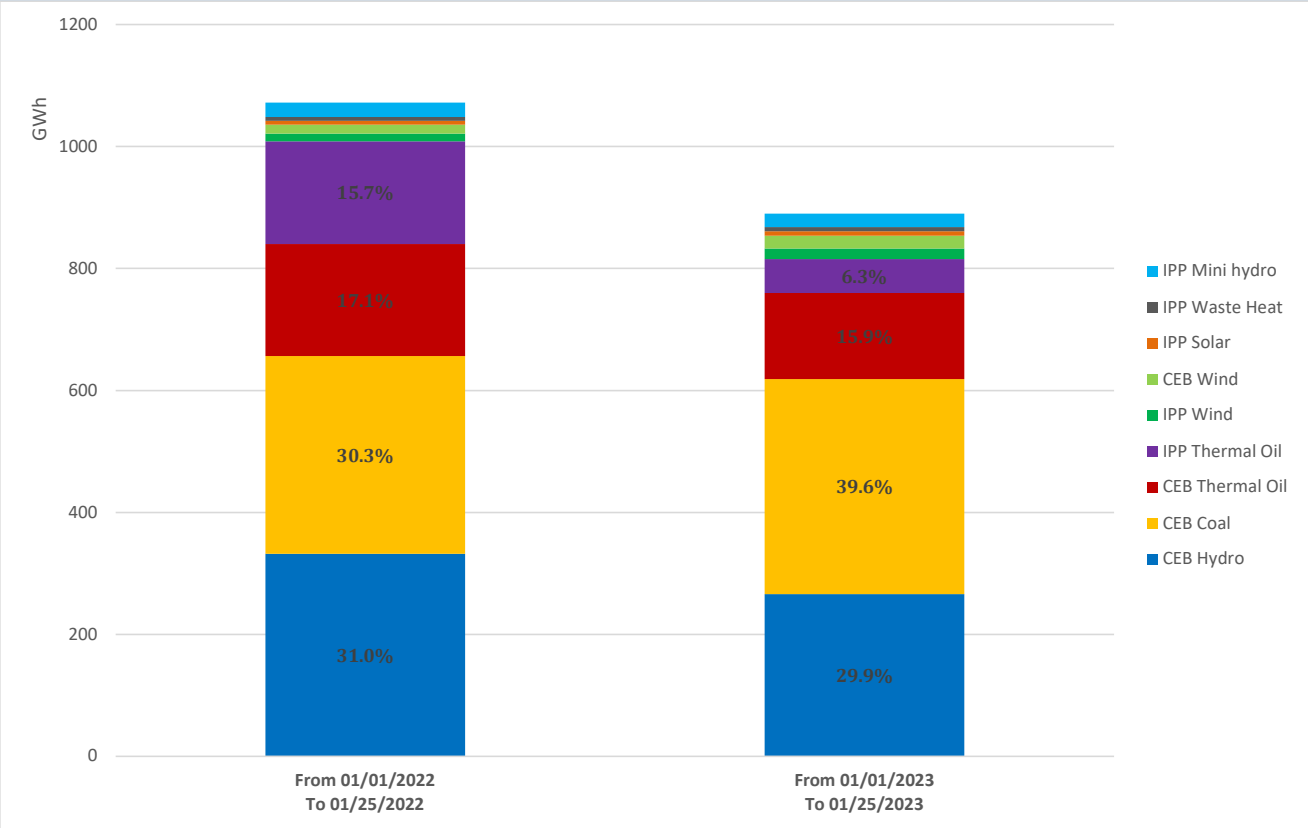
Solar Generation during the Previous day

January 25, 2023

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 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

January 25, 2023

1) Rotational manual load shedding was carried out from 15:00hrs to 22:00hrs.