

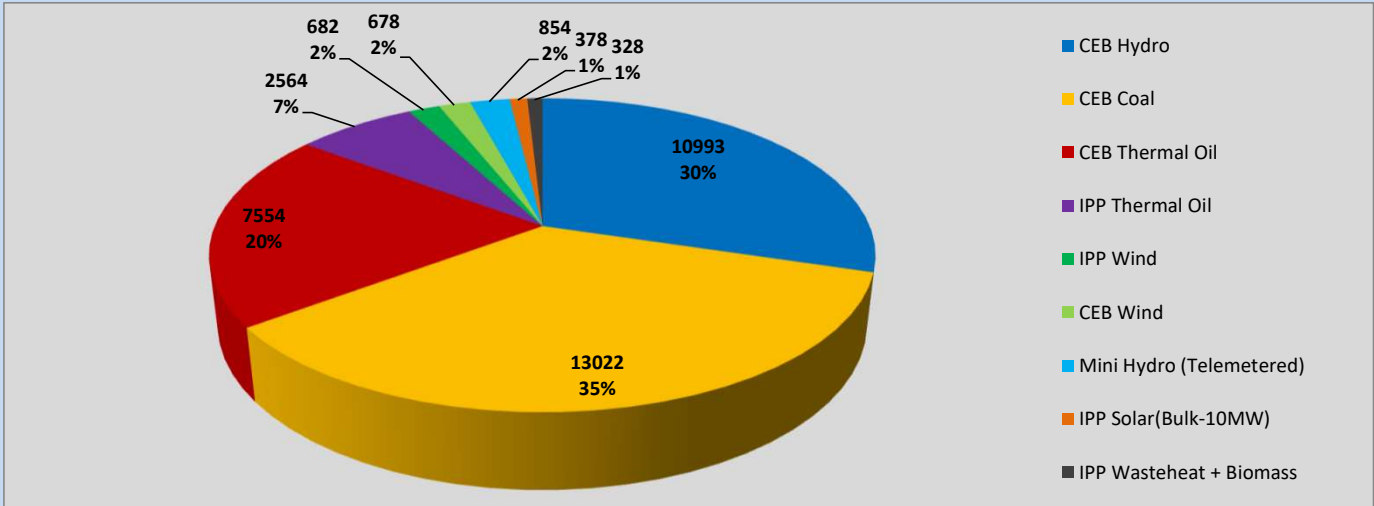
Generation and Reservoirs Statistics

January 11, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) = 37,040 MWh

Estimated figures of CEB generation report

- Estimated unserved energy = 2.22 GWh
- Estimated Mini Hydro (Non telemetered) = 1666 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

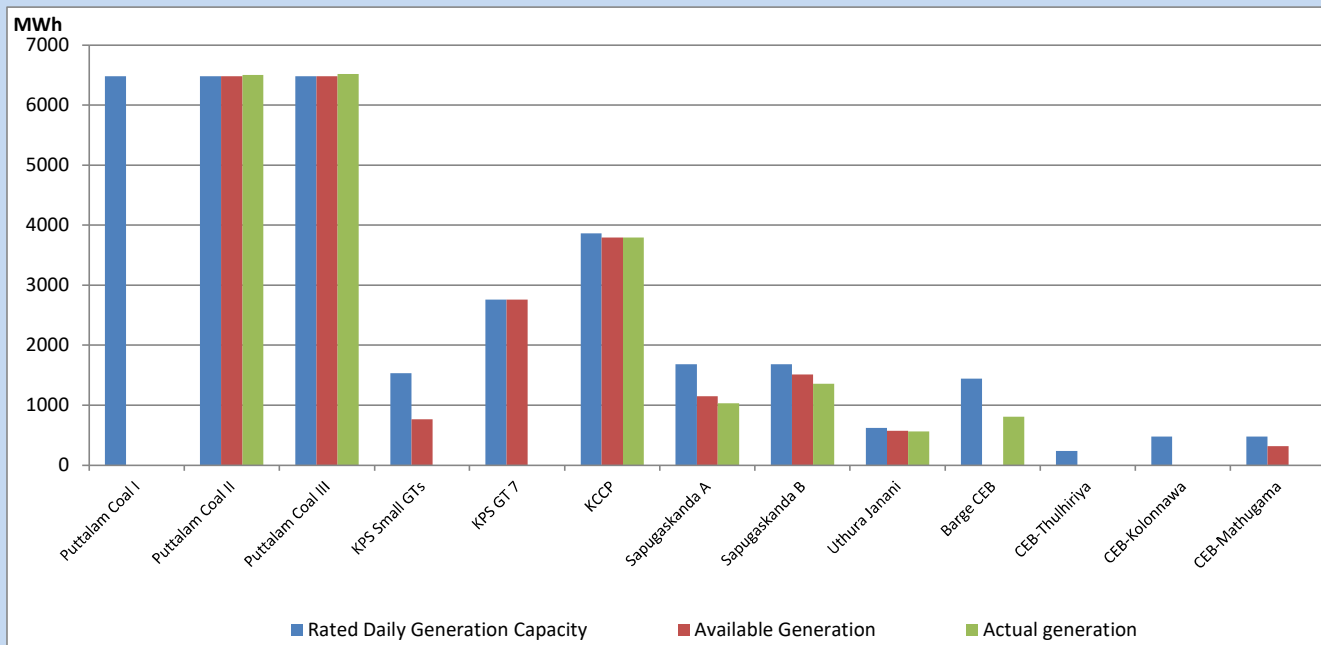
Category	Dispatch (GWh)	
CEB Hydro	121	31.48%
CEB Coal	144	37.24%
CEB Thermal Oil	47	12.16%
IPP Thermal	38	9.76%
SPP Wind	8	2.16%
CEB Wind	11	2.83%
Mini Hydro (Telemetered)	11	2.73%
IPP Solar(Bulk-10MW)	3	0.86%
IPP Wasteheat + BMP	3	0.78%
Total	385	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	121	31.48%
CEB Coal	144	37.24%
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CEB owned Thermal Plant Dispatch

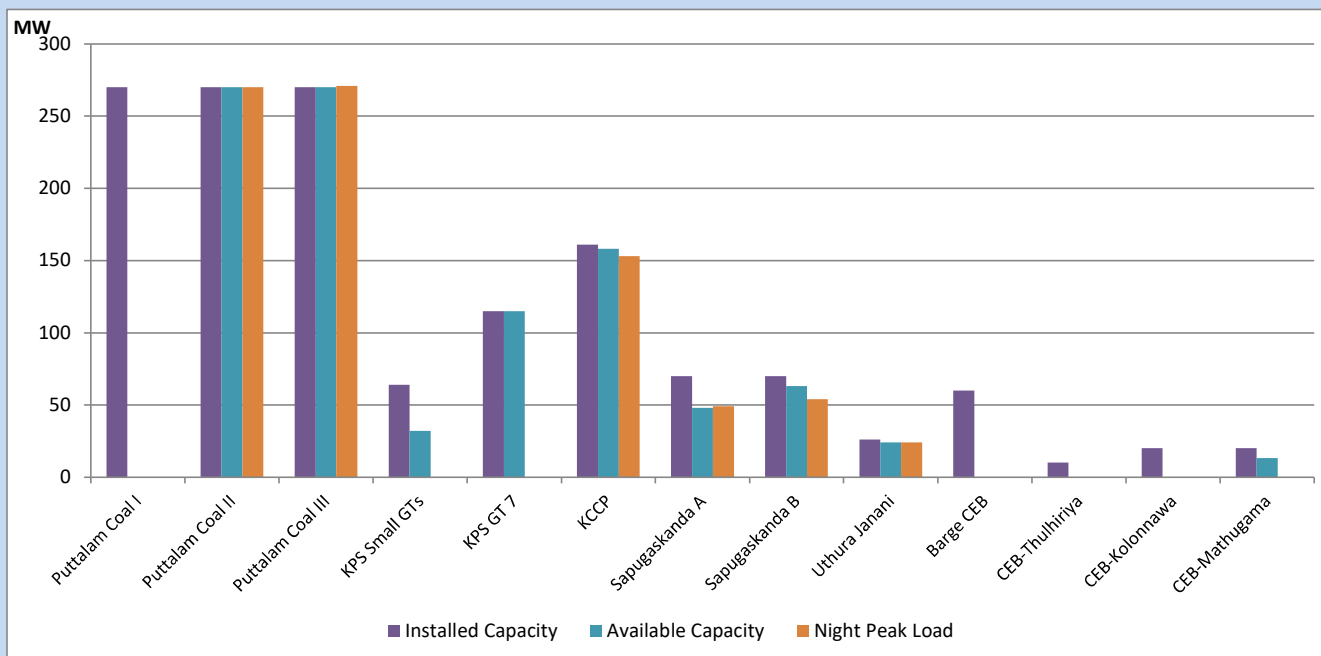
January 11, 2023



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

January 12, 2023

CEB owned Thermal Plant Loading at the Night Peak



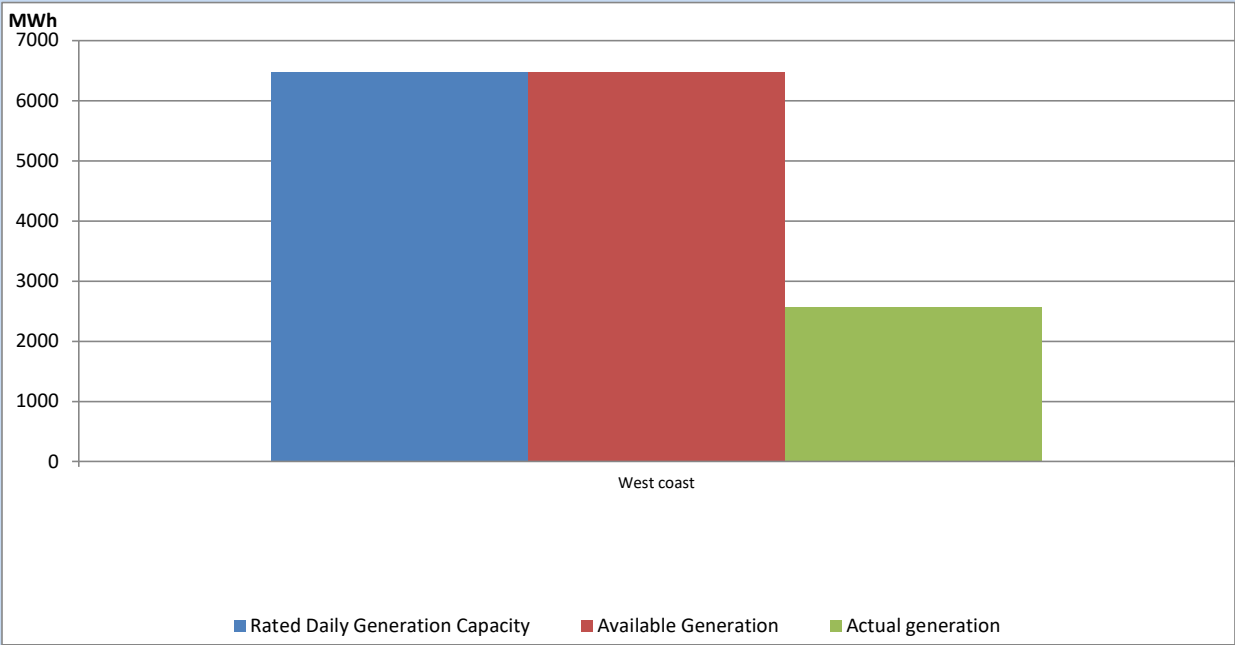
Note- Plant availability is recorded at 6.00 am on

January 12, 2023

IPP owned Thermal Plant Dispatch

January 11, 2023

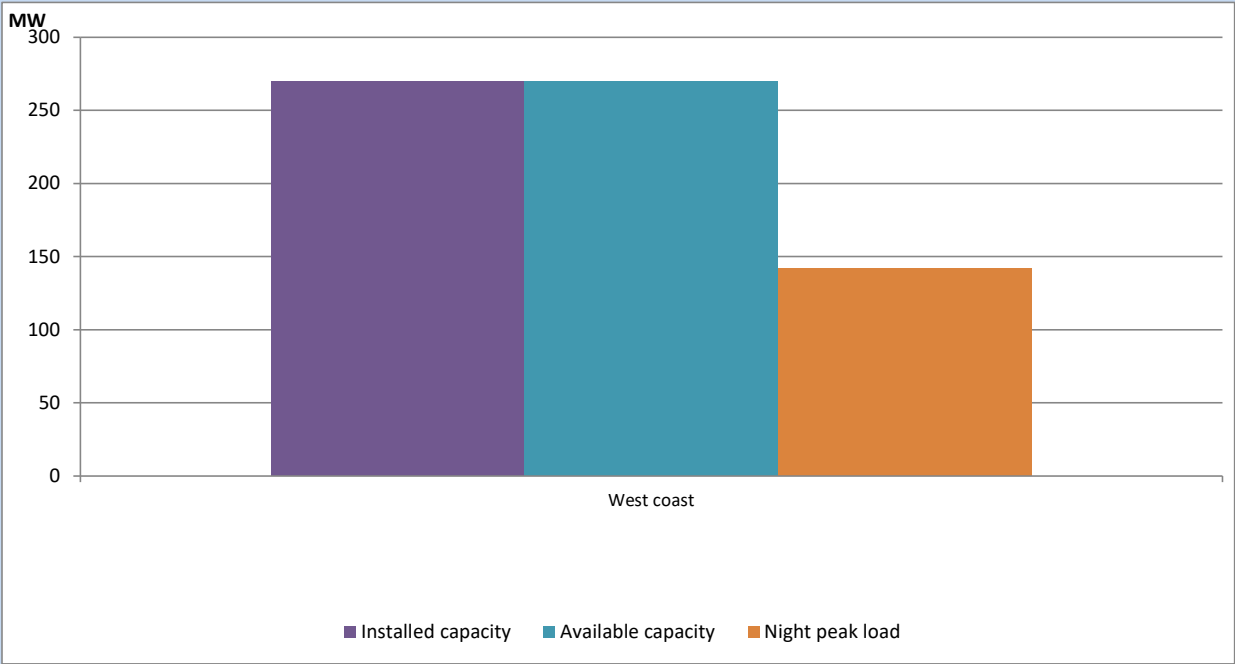
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya, Sojitz kelanitissa are not available due to expiration of PPAs



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

January 12, 2023

IPP owned Thermal Plant Loading at the Night Peak

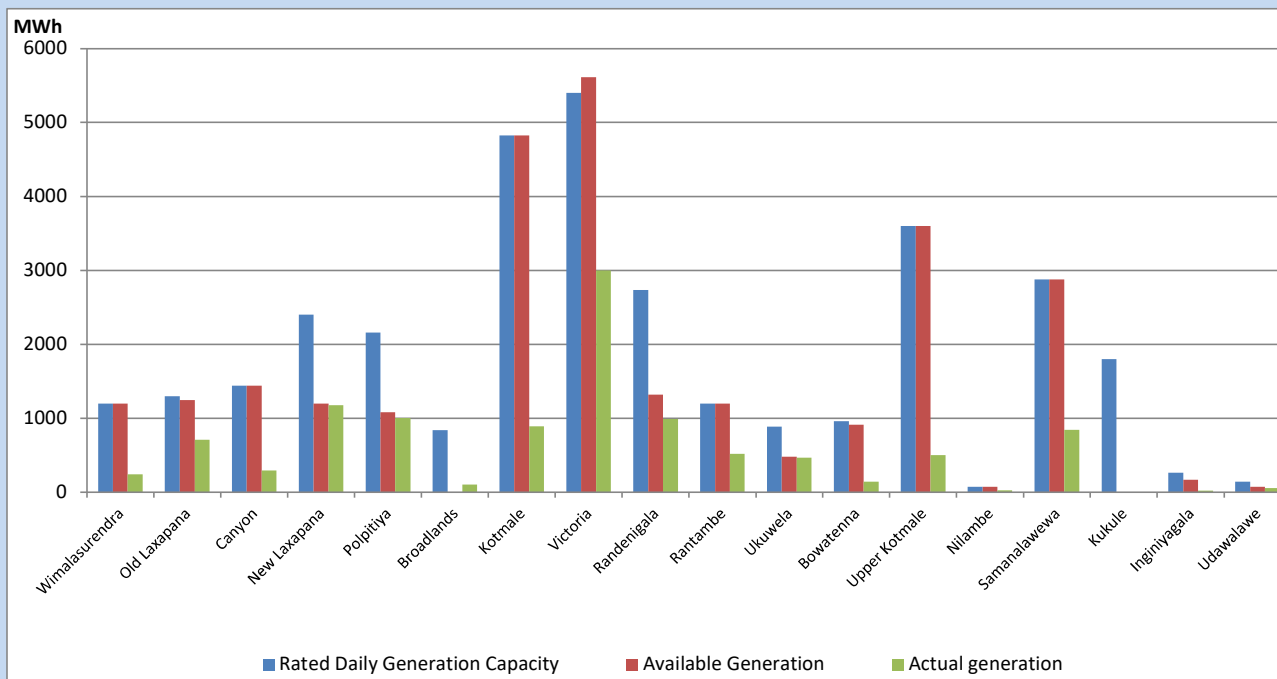


Note- Plant availability is recorded at 6.00 am on

January 0, 1900

Major Hydro Plant Dispatch

January 11, 2023

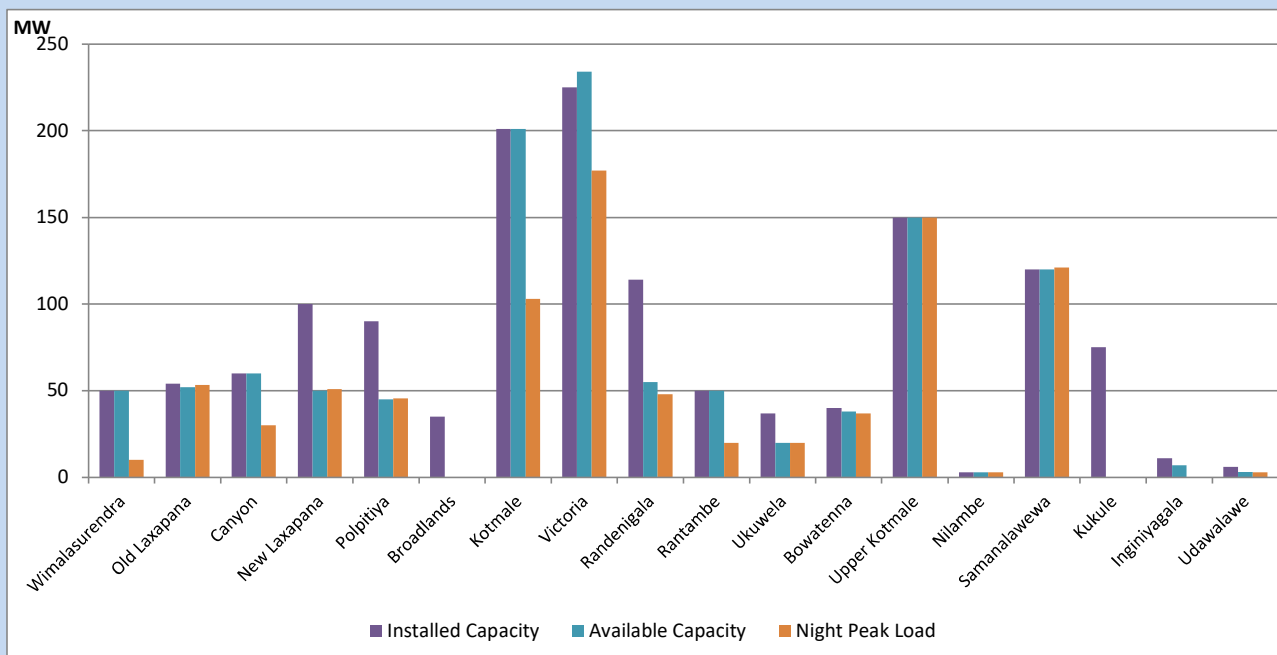


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

January 12, 2023

Major Hydro Plant Loading at Night Peak

January 11, 2023



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

January 12, 2023

Summary of Major Plant performance

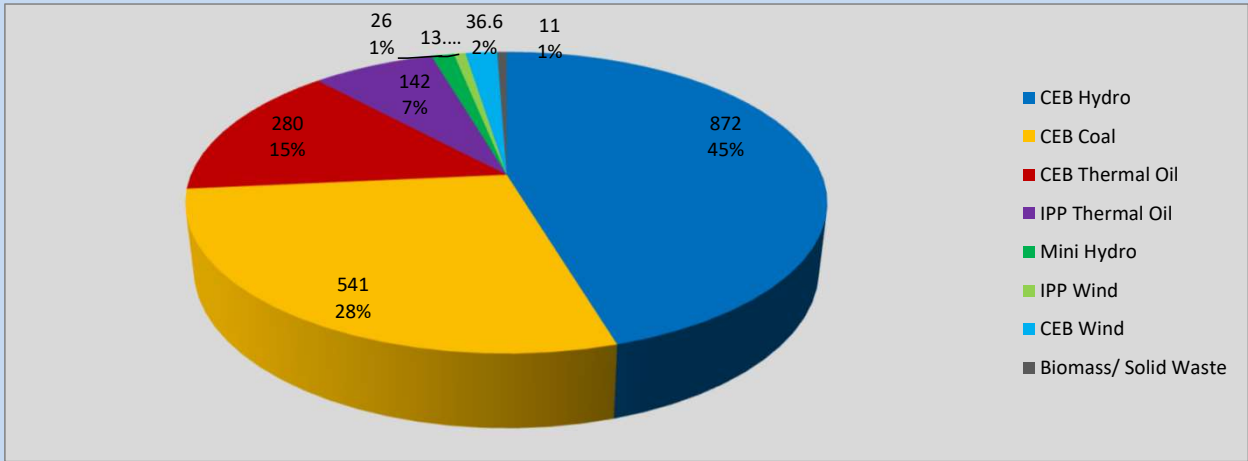
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	10	242
Old Laxapana	54	52	53	712
Canyon	60	60	30	297
New Laxapana	100	50	51	1,175
Polpitiya	90	45	46	1,001
Broadlands	35	0	0	104
Kotmale	201	201	103	890
Victoria	225	234	177	3,001
Randenigala	114	55	48	990
Rantambe	50	50	20	517
Ukuwela	37	20	20	470
Bowatenna	40	38	37	143
Upper Kotmale	150	150	150	502
Nilambe	3	3	3	26
Samanalawewa	120	120	121	843
Kukule	75	0	0	0
Inginiyagala	11	7	0	23
Udawalawe	6	3	3	57
Puttalam Coal I	270	0	0	0
Puttalam Coal II	270	270	270	6,503
Puttalam Coal III	270	270	271	6,519
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	158	153	3,794
Sapugaskanda A	70	48	49	1,033
Sapugaskanda B	70	63	54	1,357
Uthura Janani	26	24	24	562
Barge CEB	60	0	0	808
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	142	2,564
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,401	1,922	37,053

Plant availability is the availability recorded at 6 am on

January 12, 2023

Contribution to the Night Peak in MW

January 11, 2023

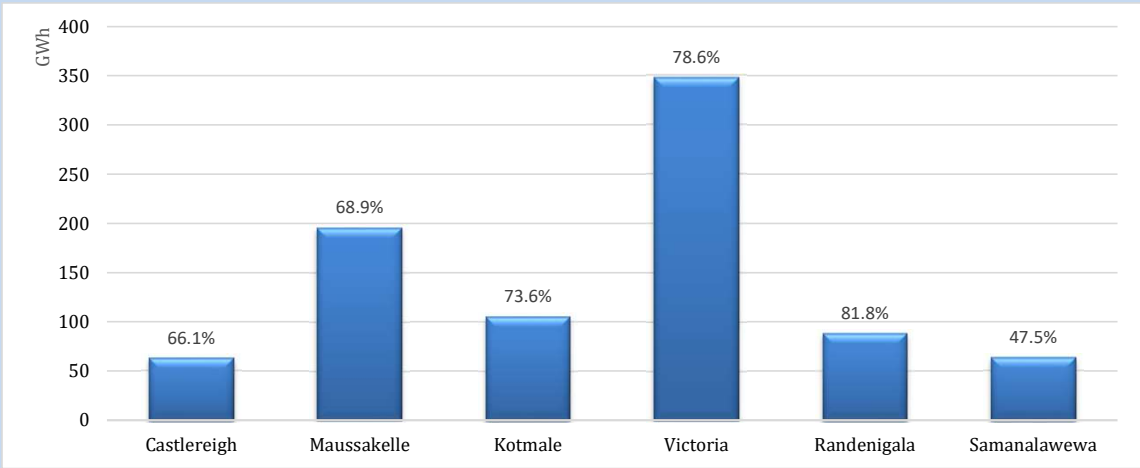


Night Peak*	1,922.0 MW
Day Peak	1,719.1 MW
Minimum Demand	1,124.8 MW

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

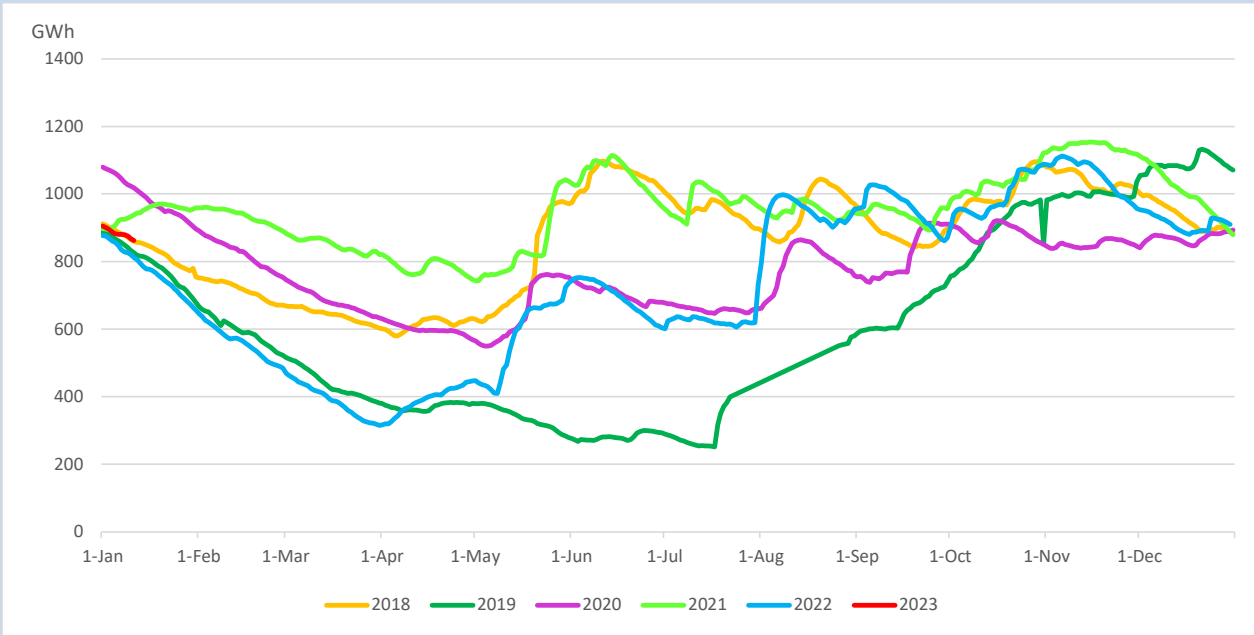
Reservoir Levels -

as at 06.00 Hr on January 12, 2023

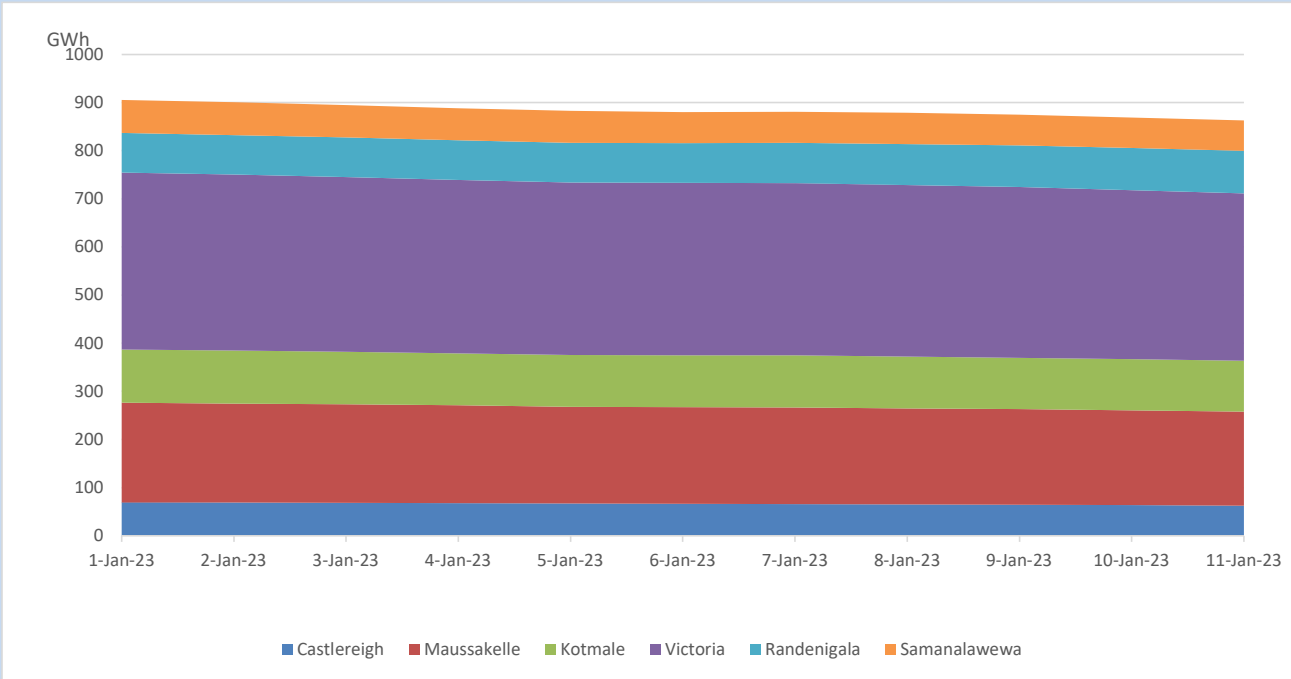


Total Reservoir Level	862.6 GWh
% of Total capacity	71.6%

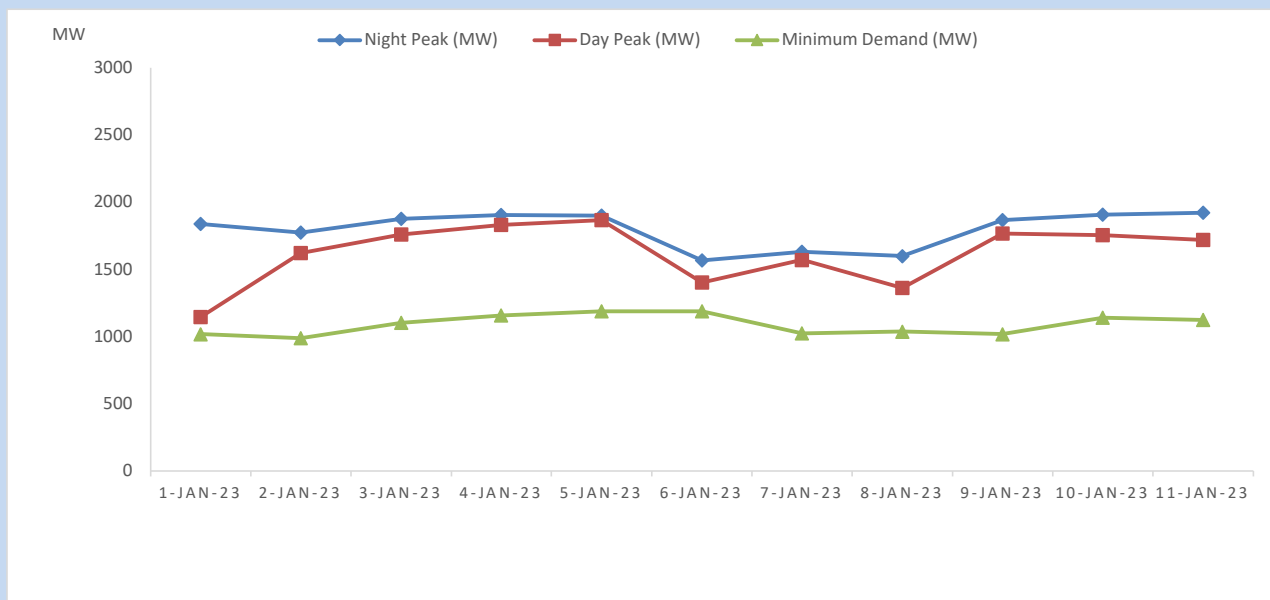
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

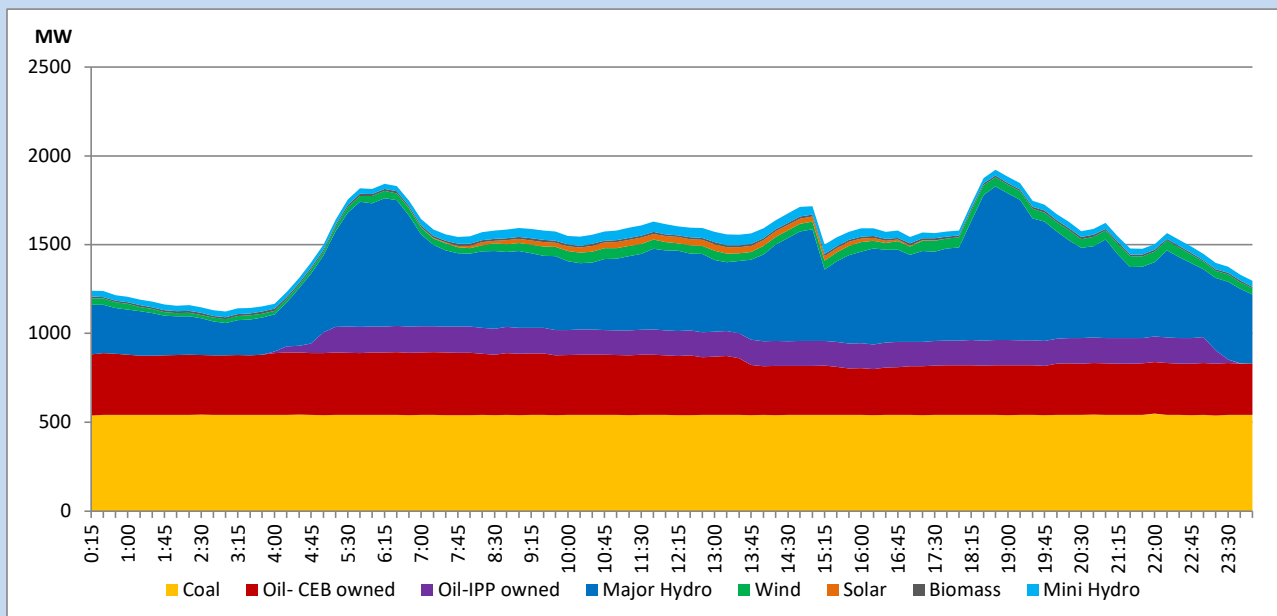


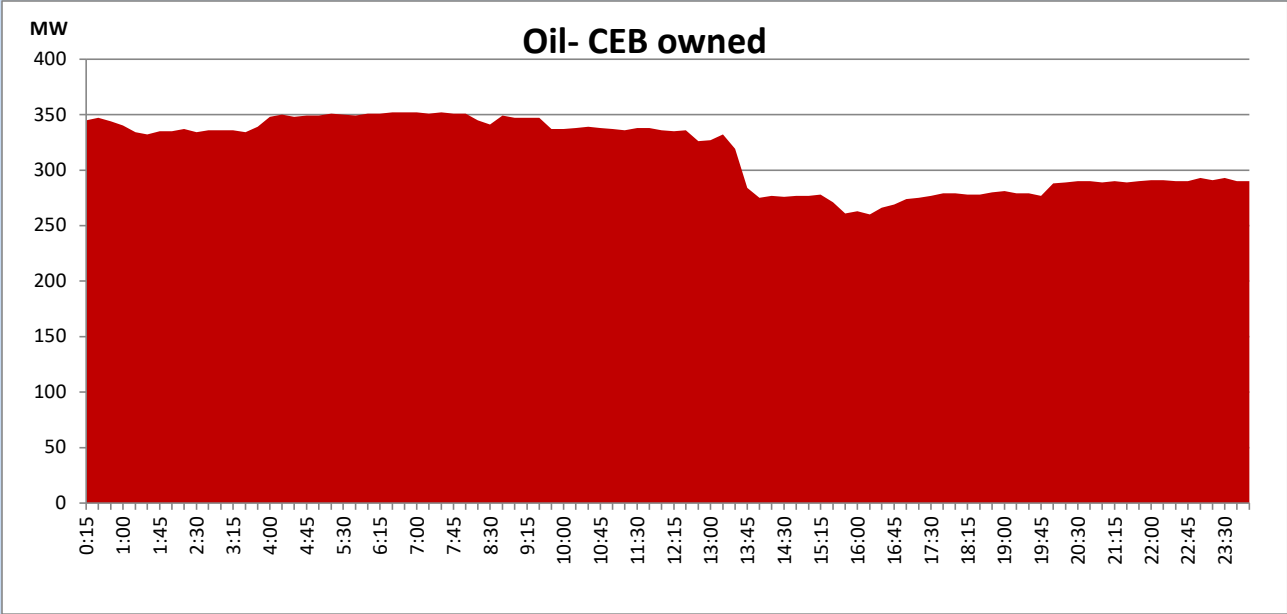
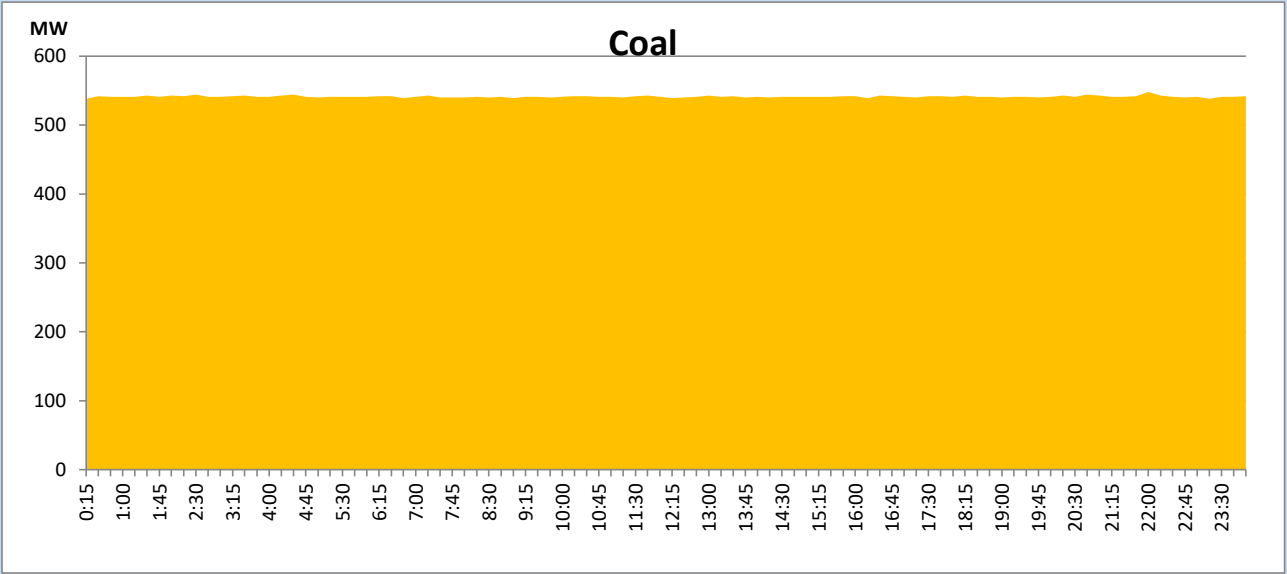
The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve of the Previous day

January 11, 2023

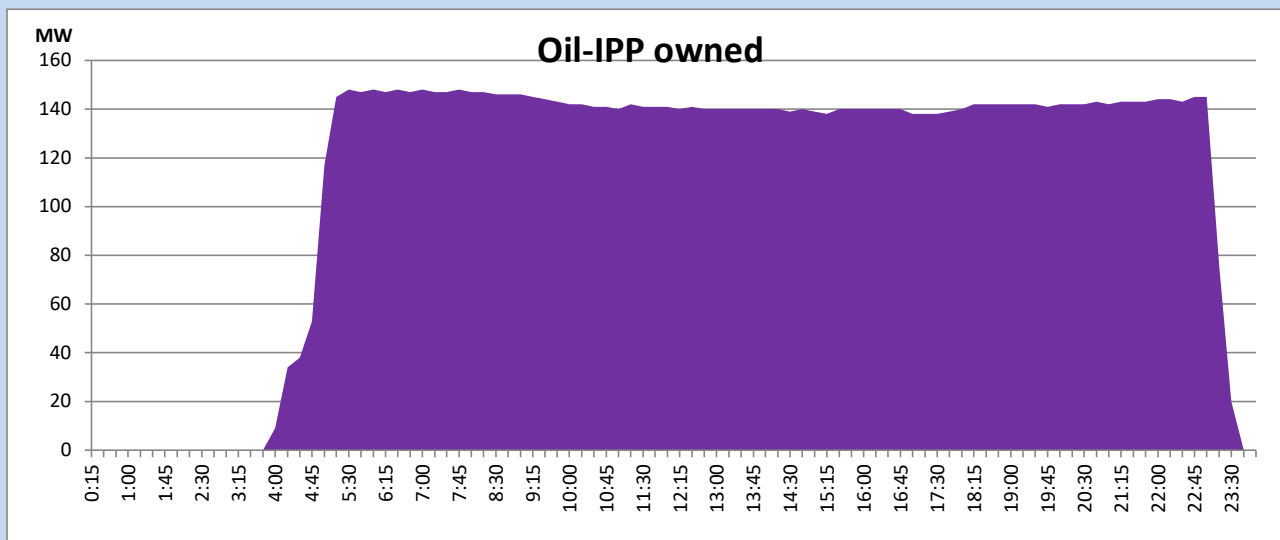
Solar and wind data is based on Telemetered Power Stations only





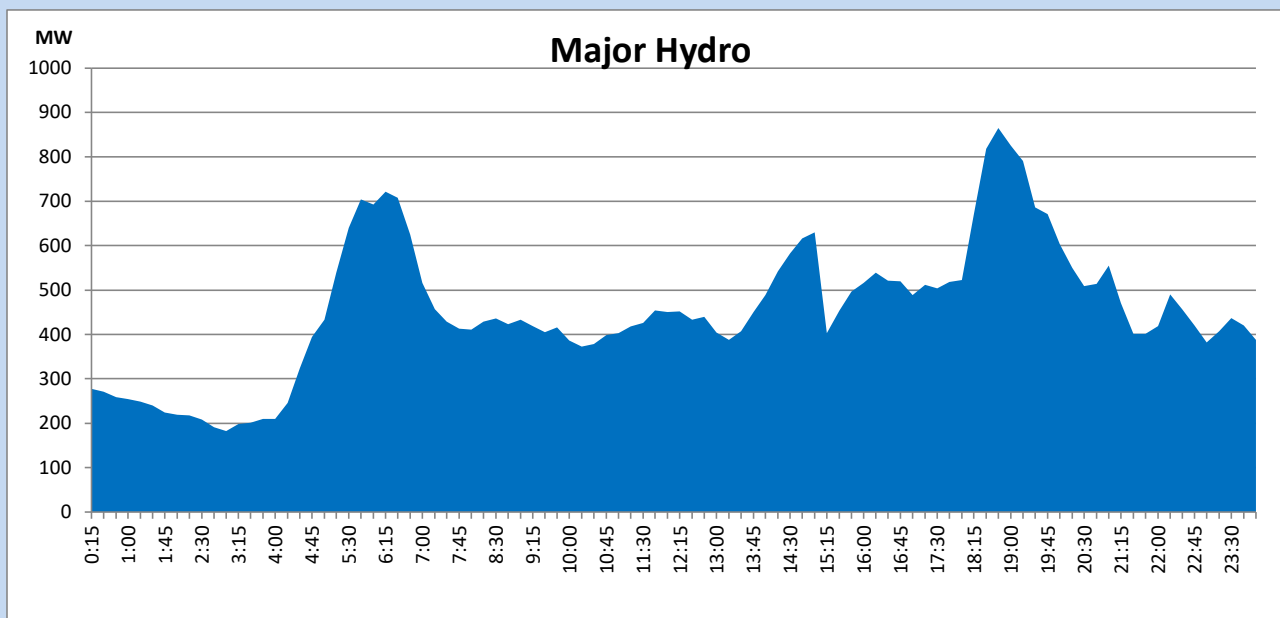
IPP Oil Plant Generation during the Previous day

January 10, 2023



Major Hydro Generation during the Previous day

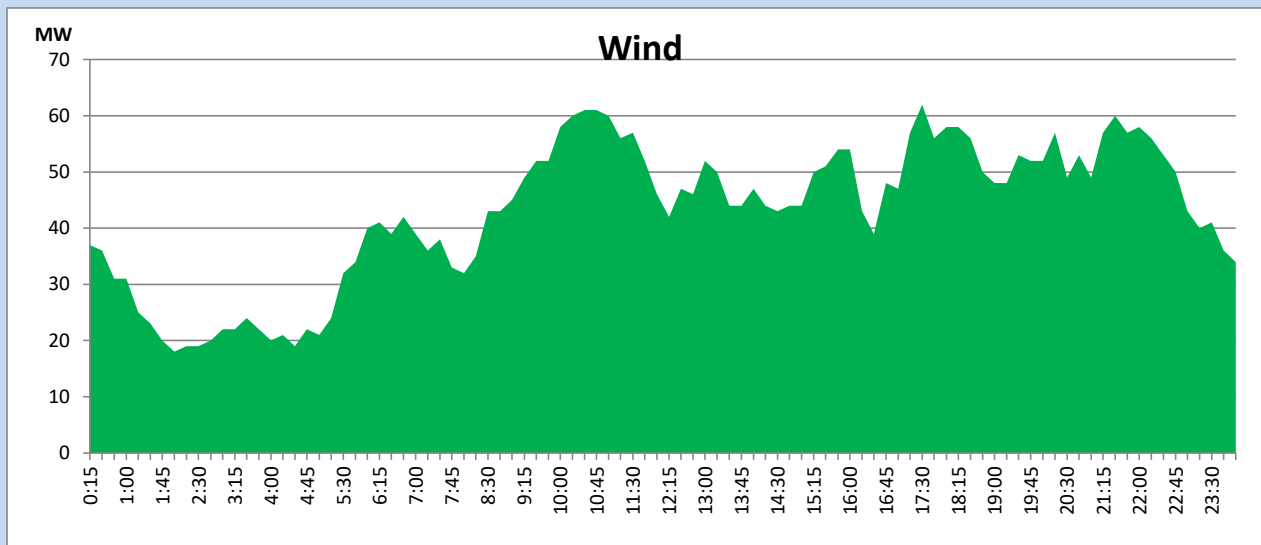
January 10, 2023



Wind Generation during the Previous day

January 10, 2023

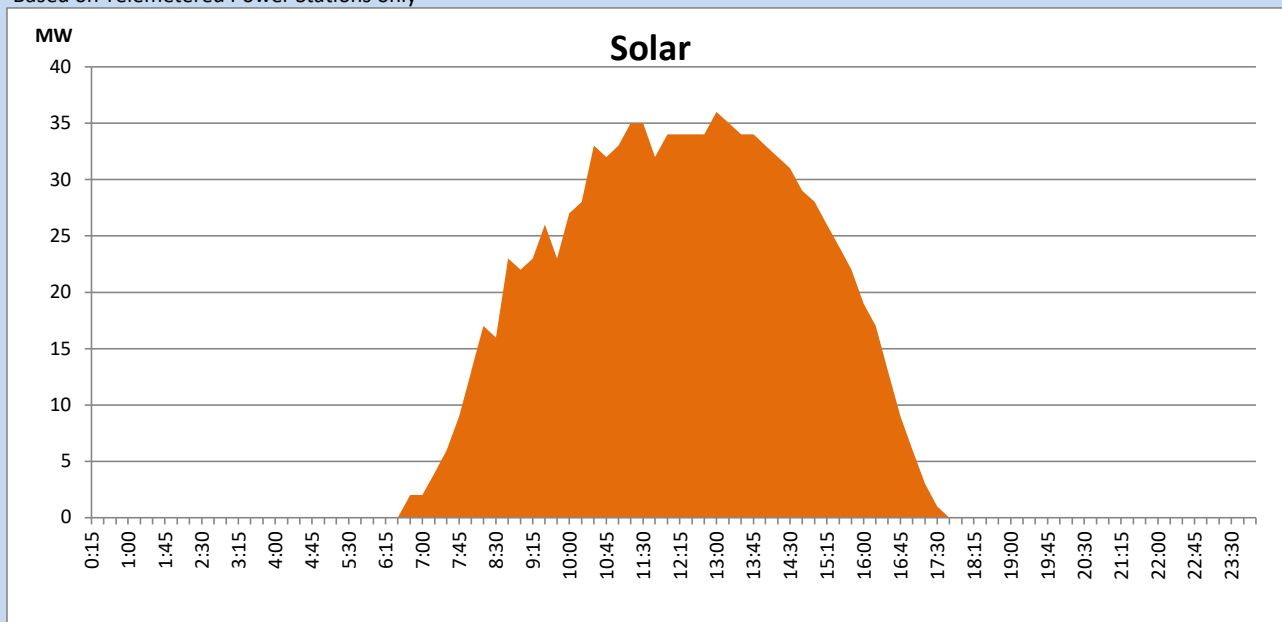
Based on Telemetered Power Stations only



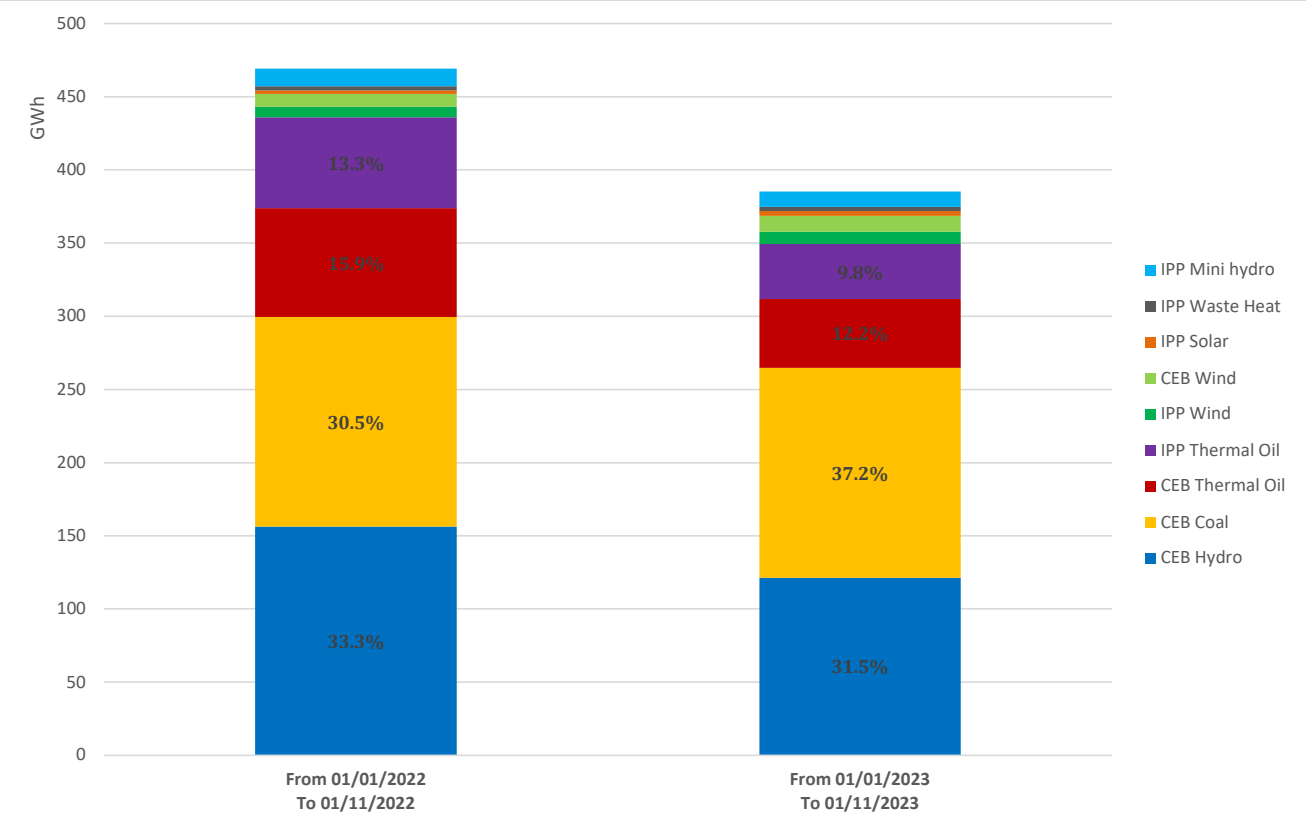
Solar Generation during the Previous day

January 10, 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 11, 2023

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