

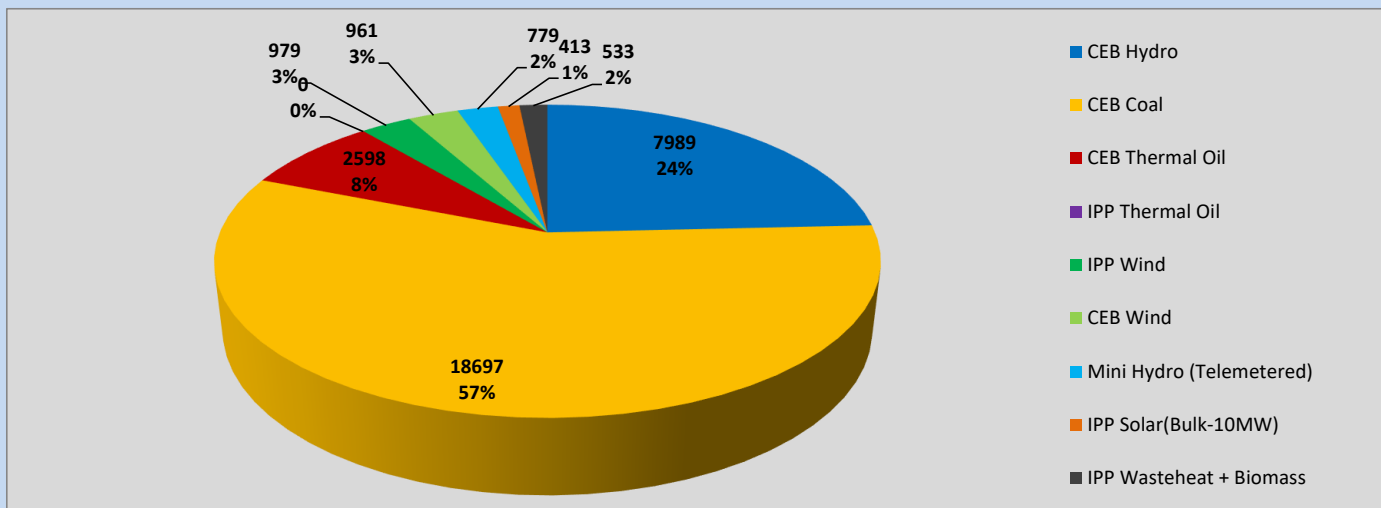
Generation and Reservoirs Statistics

February 26, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =

32,949 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh
 Estimated Mini Hydro (Non telemetered) = 1101 MWh
 Estimated IPP Solar PV (Bulk 1-10MW) = 304 MWh
 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

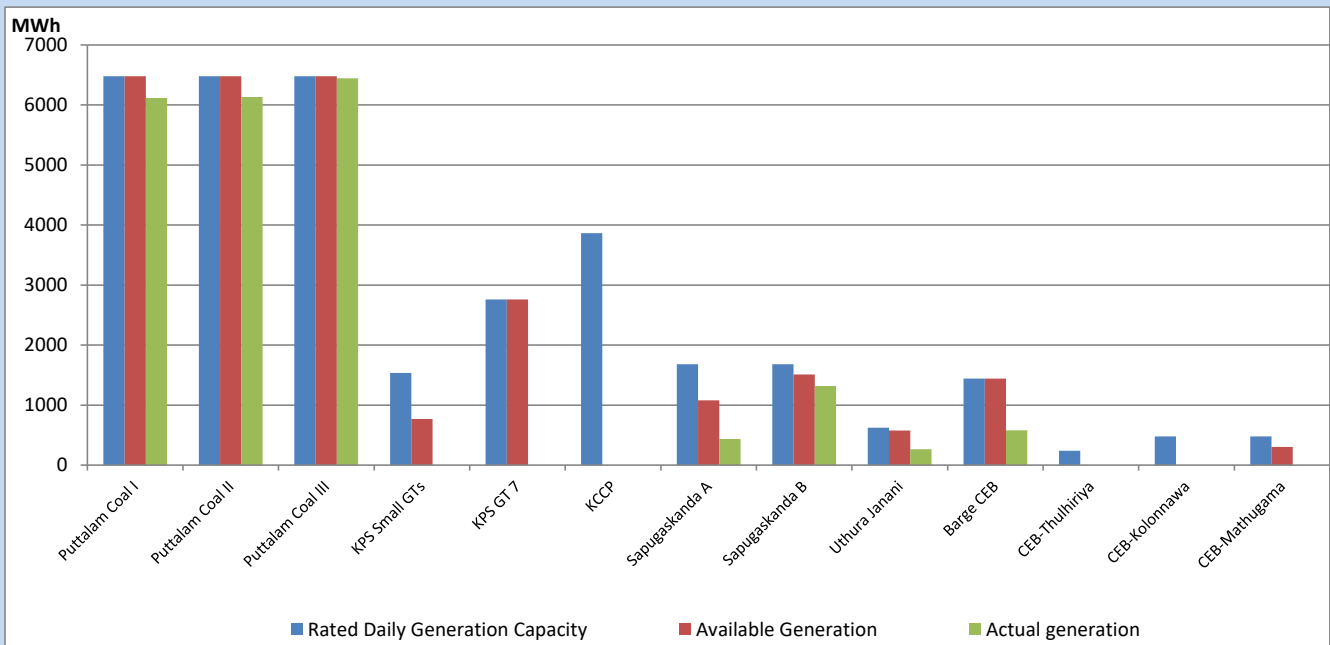
Category	Dispatch (GWh)	Percentage
CEB Hydro	253	25.79%
CEB Coal	498	50.82%
CEB Thermal Oil	97	9.92%
IPP Thermal	65	6.61%
SPP Wind	15	1.55%
CEB Wind	18	1.79%
Mini Hydro (Telemetered)	18	1.79%
IPP Solar (Bulk-10MW)	8	0.80%
IPP Wasteheat + BMP	9	0.92%
Total	981	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	583	27.82%
CEB Coal	965	46.07%
CEB Thermal Oil	270	12.89%
IPP Thermal	121	5.76%
SPP Wind	36	1.73%
CEB Wind	43	2.04%
Mini Hydro (Telemetered)	45	2.13%
IPP Solar (Bulk-10MW)	16	0.77%
IPP Wasteheat	17	0.79%
Total	2,095	

CEB owned Thermal Plant Dispatch

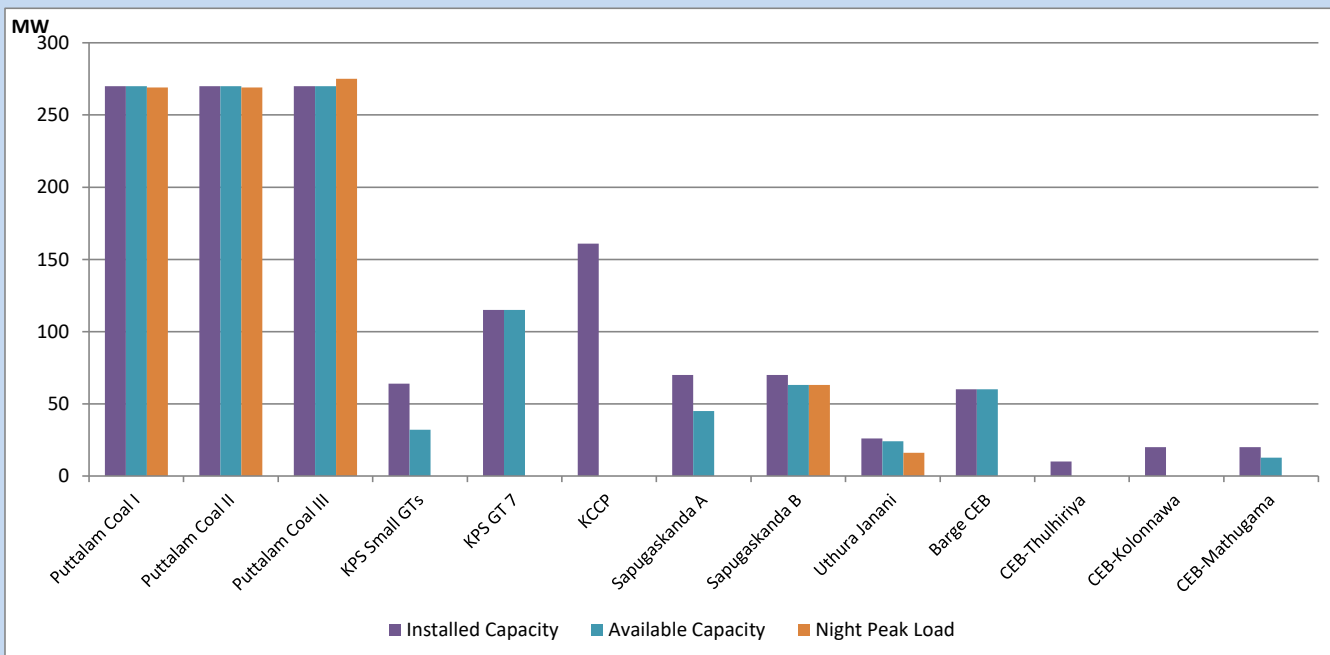
February 26, 2023



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

February 27, 2023

CEB owned Thermal Plant Loading at the Night Peak

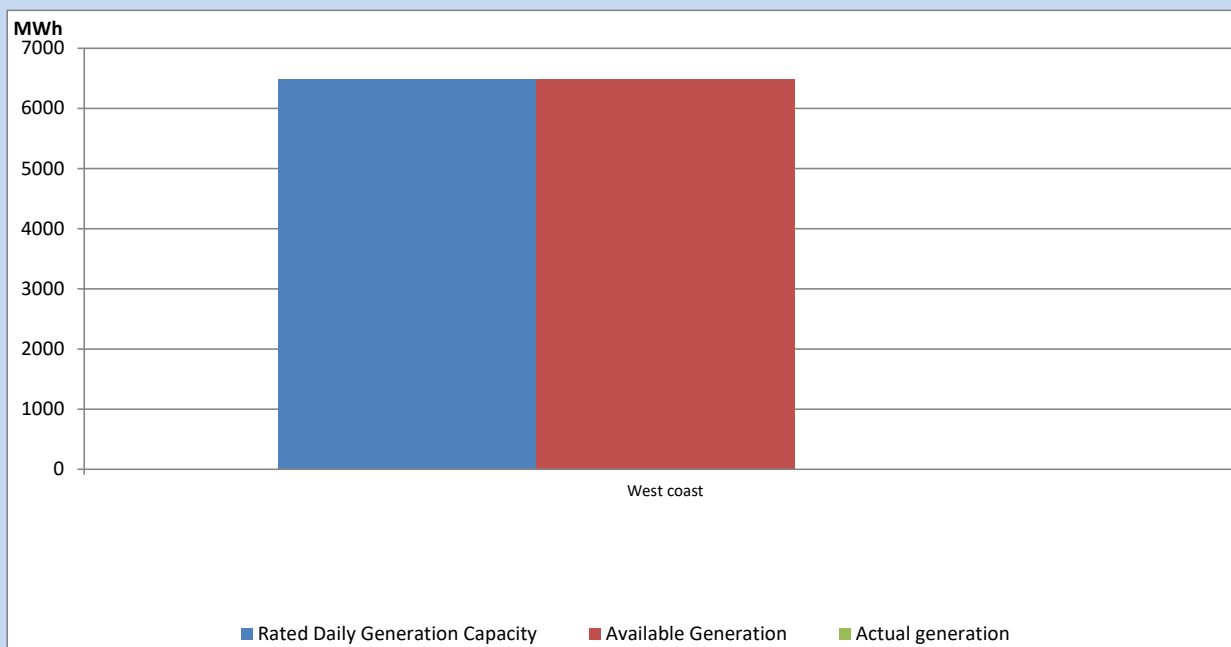


Note- Plant availability is recorded at 6.00 am on

February 27, 2023

IPP owned Thermal Plant Dispatch

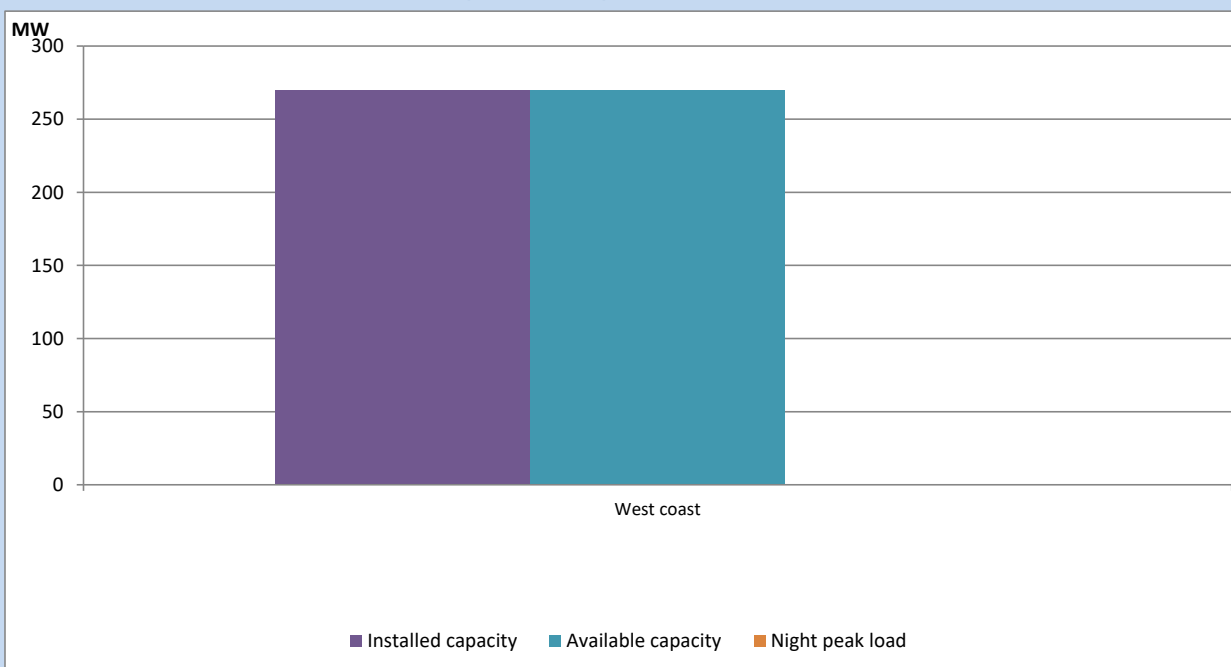
February 26, 2023



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

February 27, 2023

IPP owned Thermal Plant Loading at the Night Peak

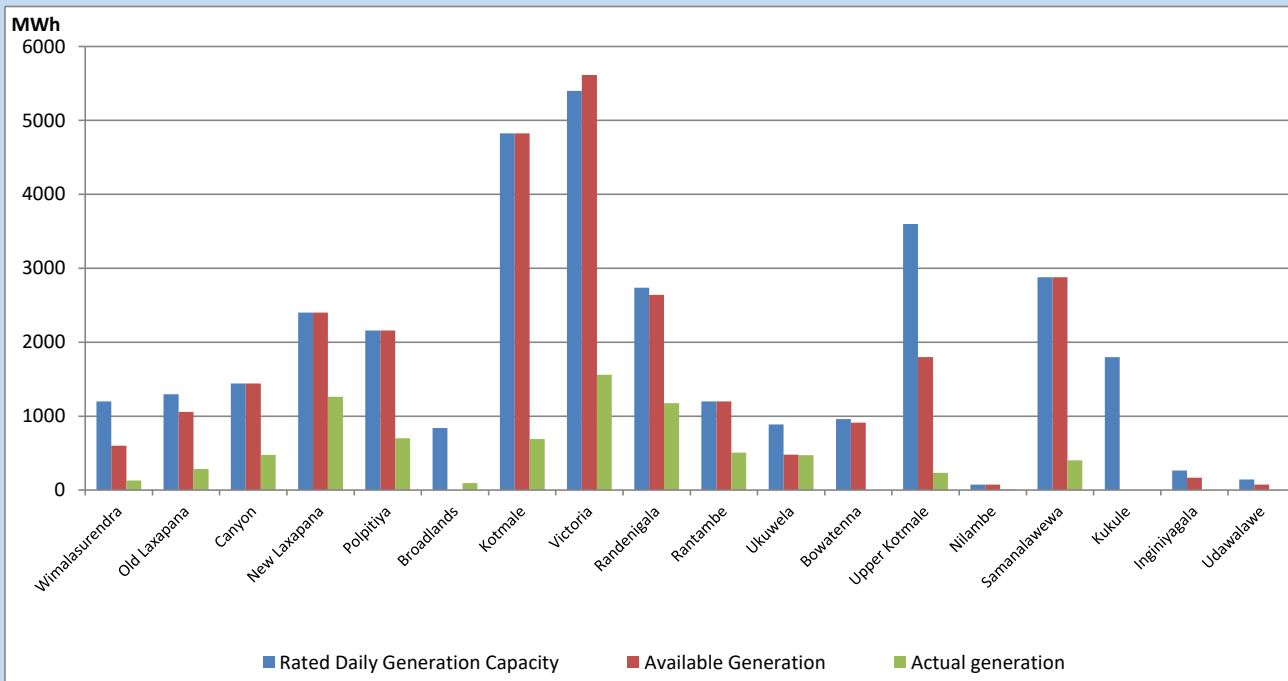


Note- Plant availability is recorded at 6.00 am on

February 27, 2023

Major Hydro Plant Dispatch

February 26, 2023

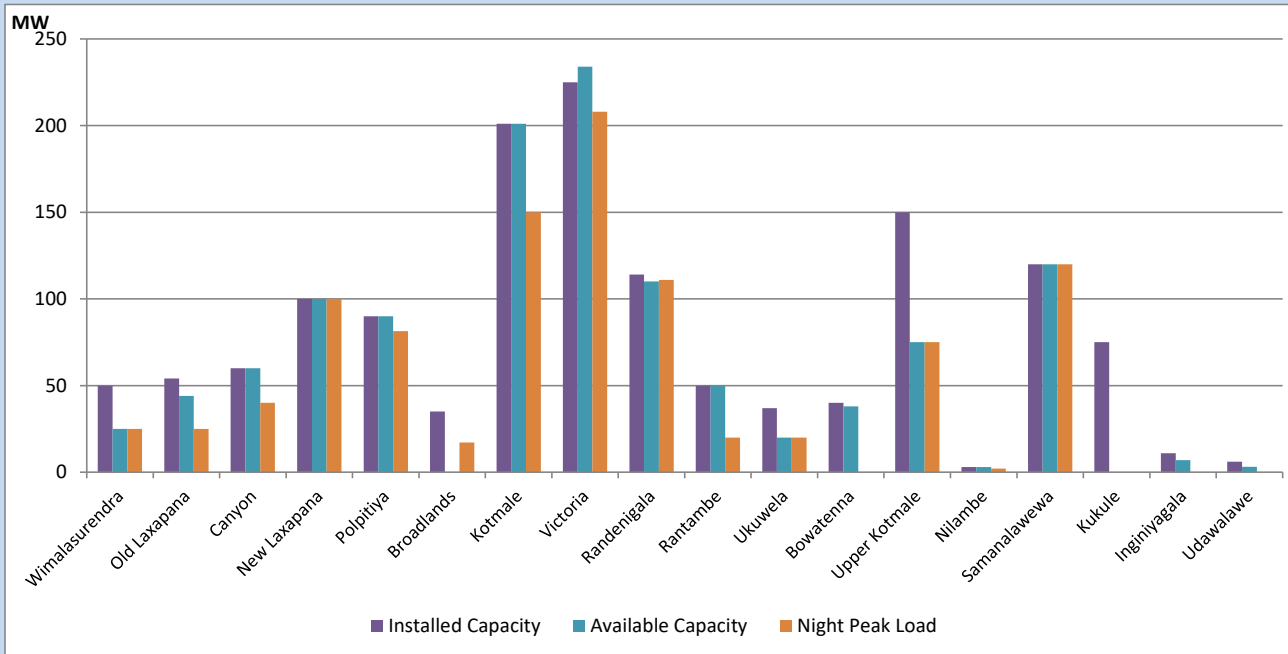


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

February 27, 2023

Major Hydro Plant Loading at Night Peak

February 26, 2023



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

February 27, 2023

Summary of Major Plant performance

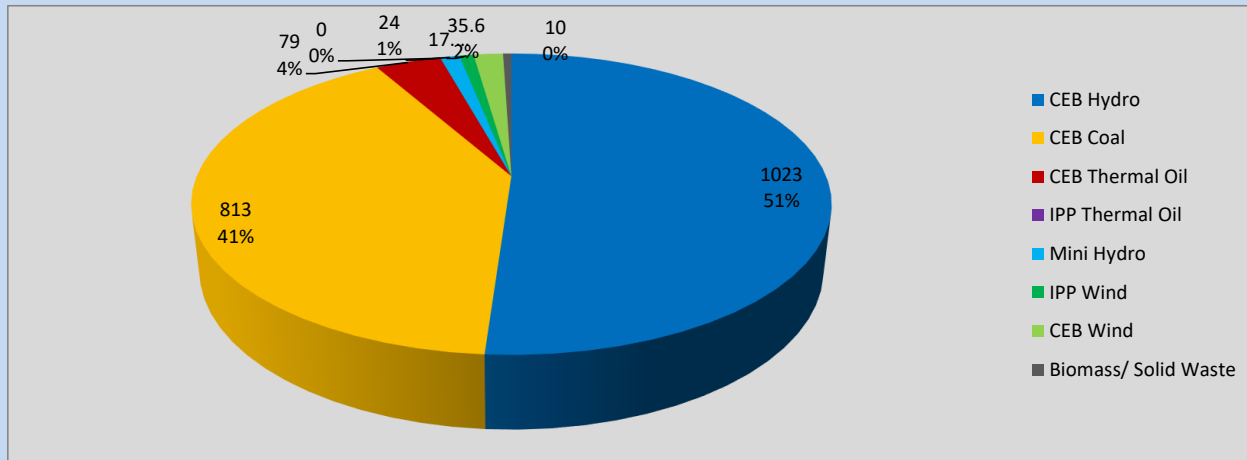
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	130
Old Laxapana	54	44	25	286
Canyon	60	60	40	474
New Laxapana	100	100	100	1,260
Polpitiya	90	90	81	701
Broadlands	35	0	17	93
Kotmale	201	201	150	690
Victoria	225	234	208	1,558
Randenigala	114	110	111	1,176
Rantambe	50	50	20	505
Ukuwela	37	20	20	471
Bowatenna	40	38	0	0
Upper Kotmale	150	75	75	233
Nilambe	3	3	2	8
Samanalawewa	120	120	120	401
Kukule	75	0	0	0
Inginiyagala	11	7	0	0
Udawalawe	6	3	0	3
Puttalam Coal I	270	270	269	6,115
Puttalam Coal II	270	270	269	6,135
Puttalam Coal III	270	270	275	6,447
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	45	0	436
Sapugaskanda B	70	63	63	1,319
Uthura Janani	26	24	16	263
Barge CEB	60	60	0	580
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	2,612	1,973	32,949

Plant availability is the availability recorded at 6 am on

February 27, 2023

Contribution to the Night Peak in MW

February 26, 2023

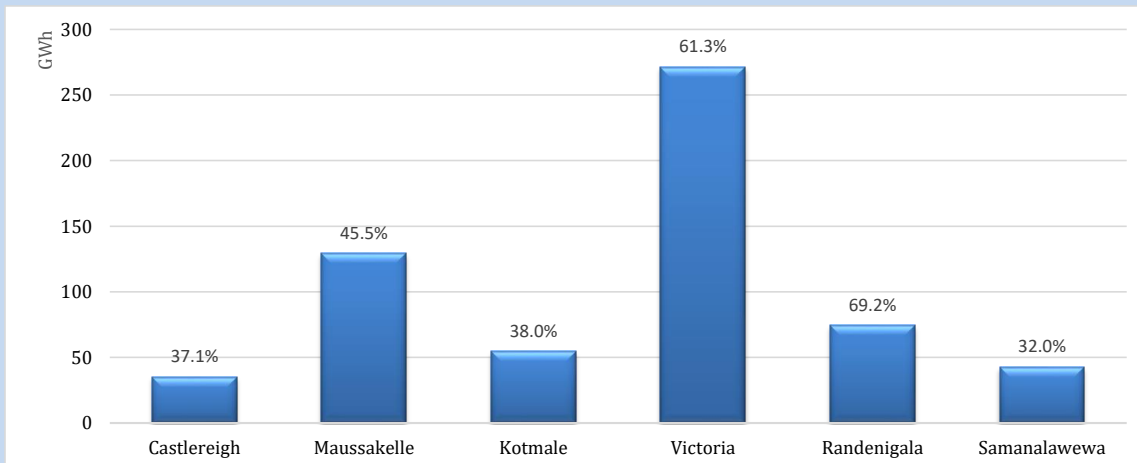


Night Peak*	2,001 MW
Day Peak	1,272 MW
Minimum Demand	1,129 MW

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

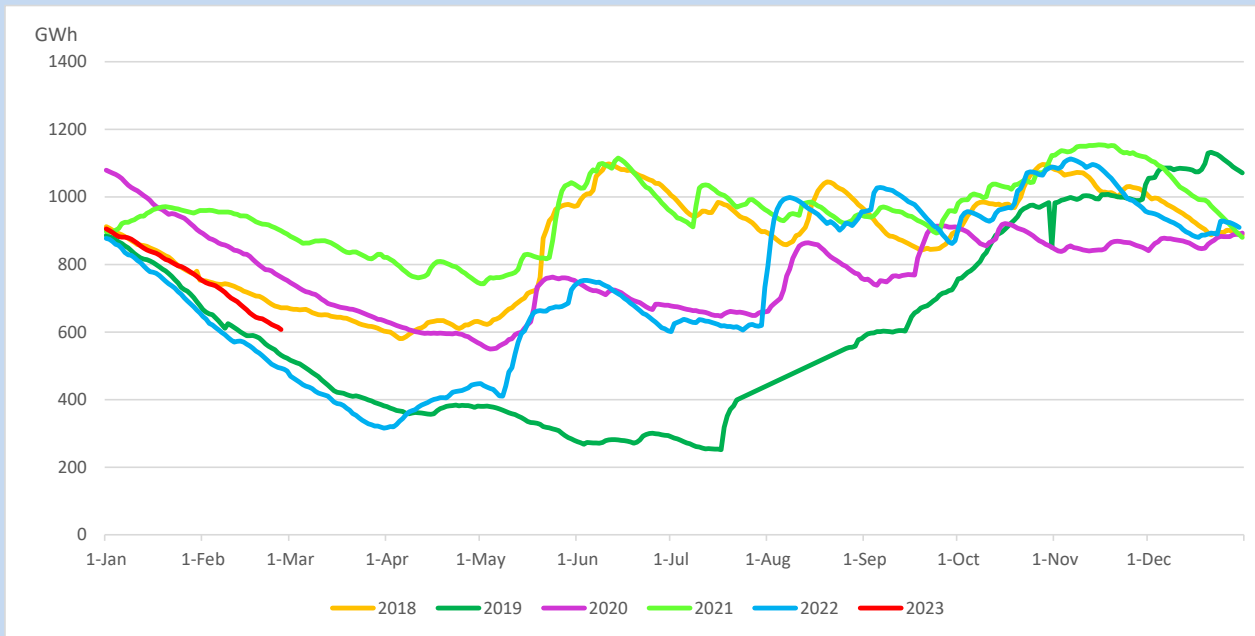
Reservoir Levels -

as at 06.00 Hr on February 27, 2023

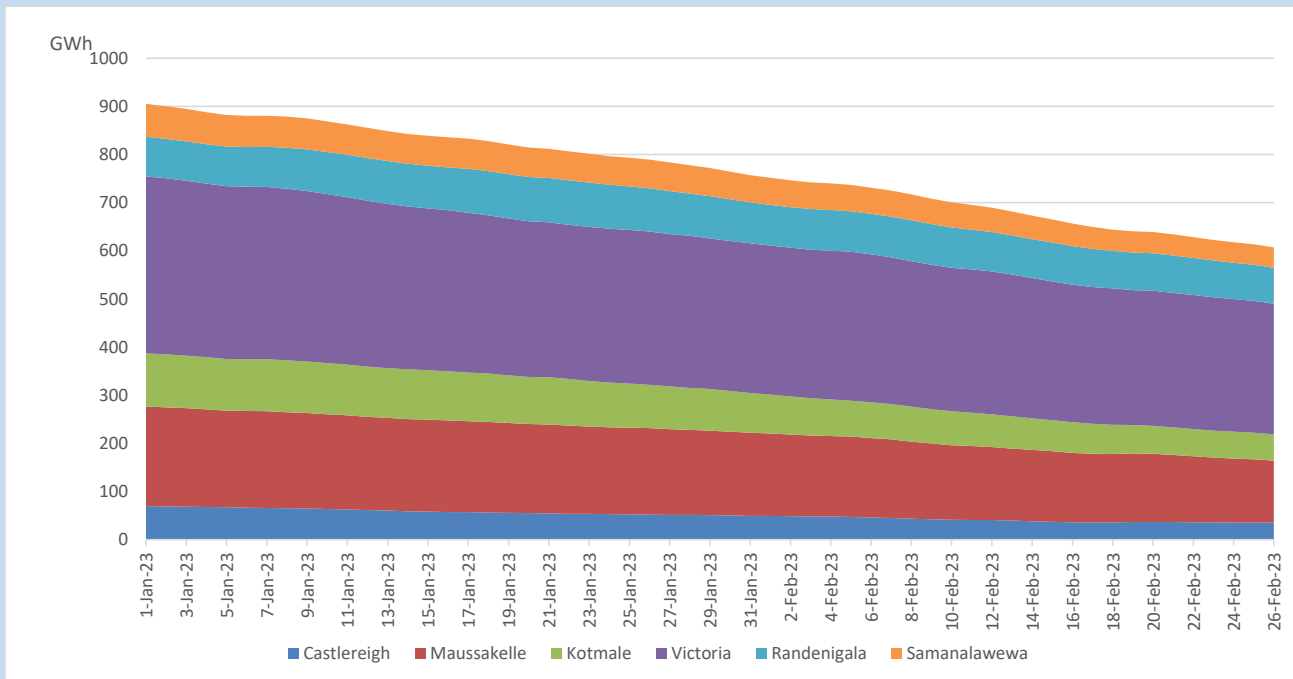


Total Reservoir Level	607.4 GWh
% of Total capacity	50.4%

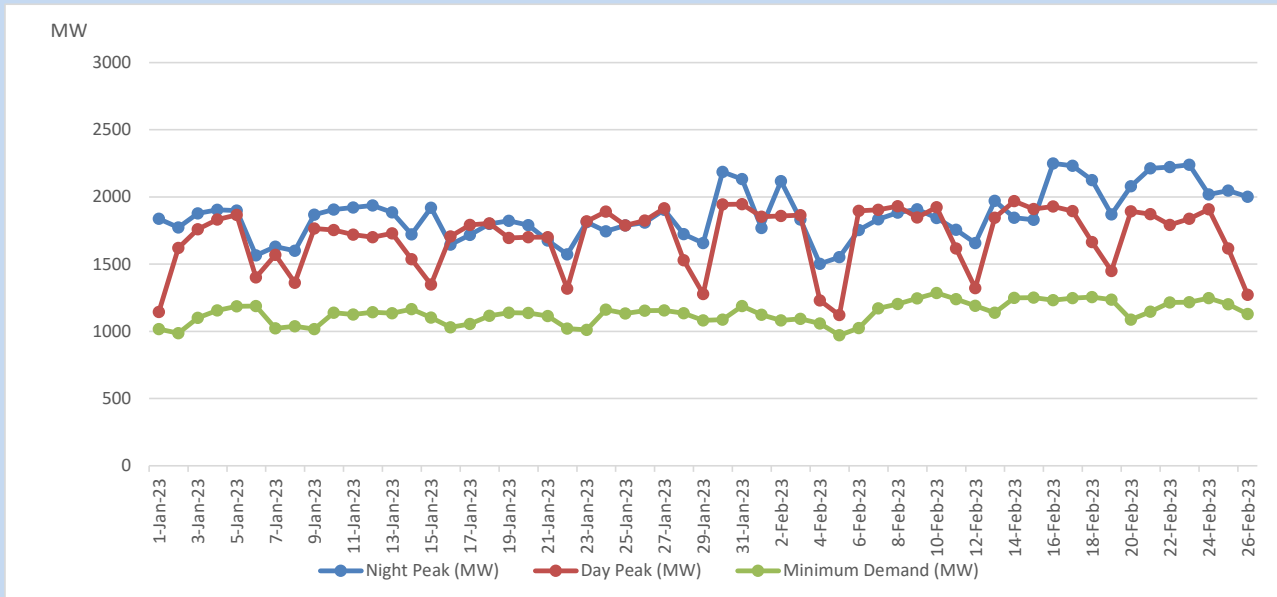
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

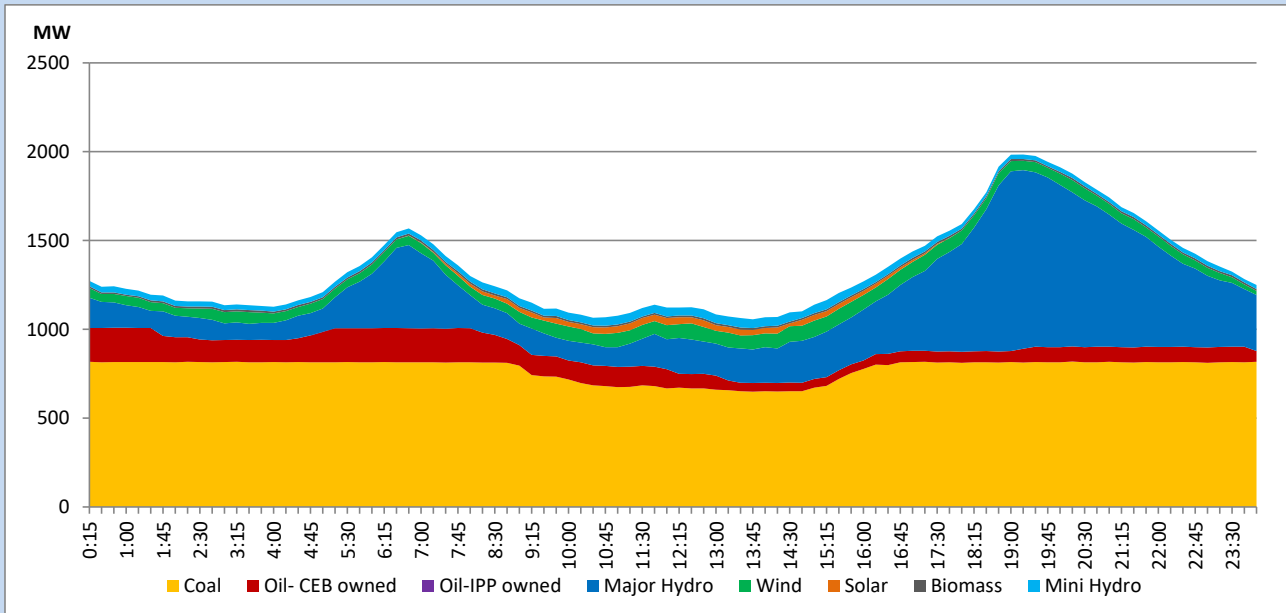


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

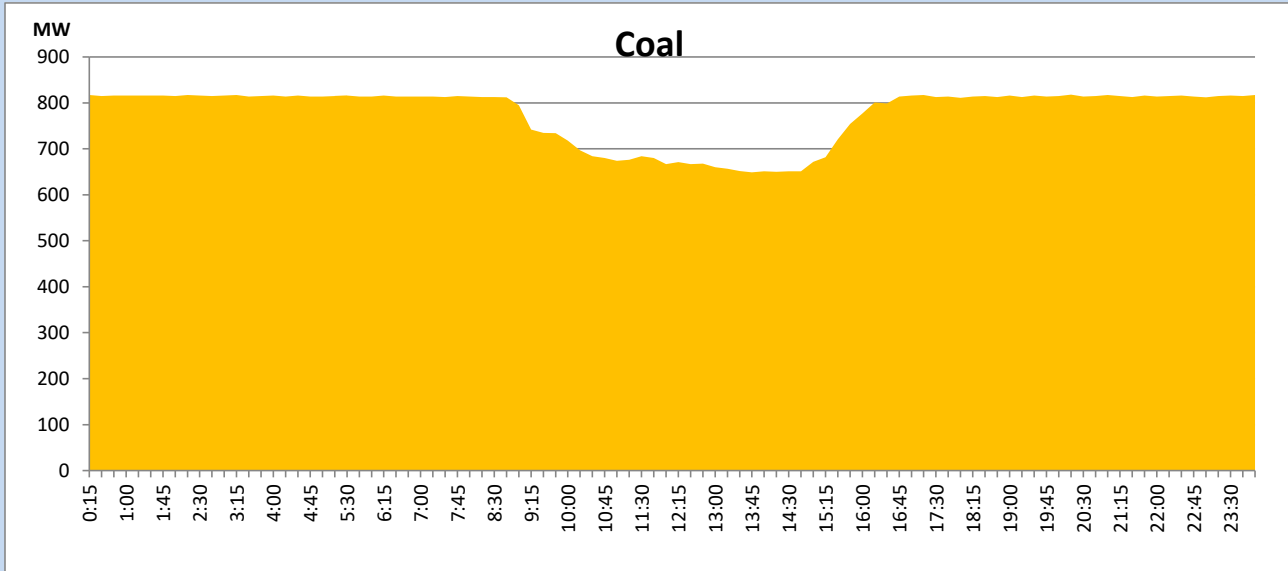
February 26, 2023

Solar and wind data is based on Telemetered Power Stations only



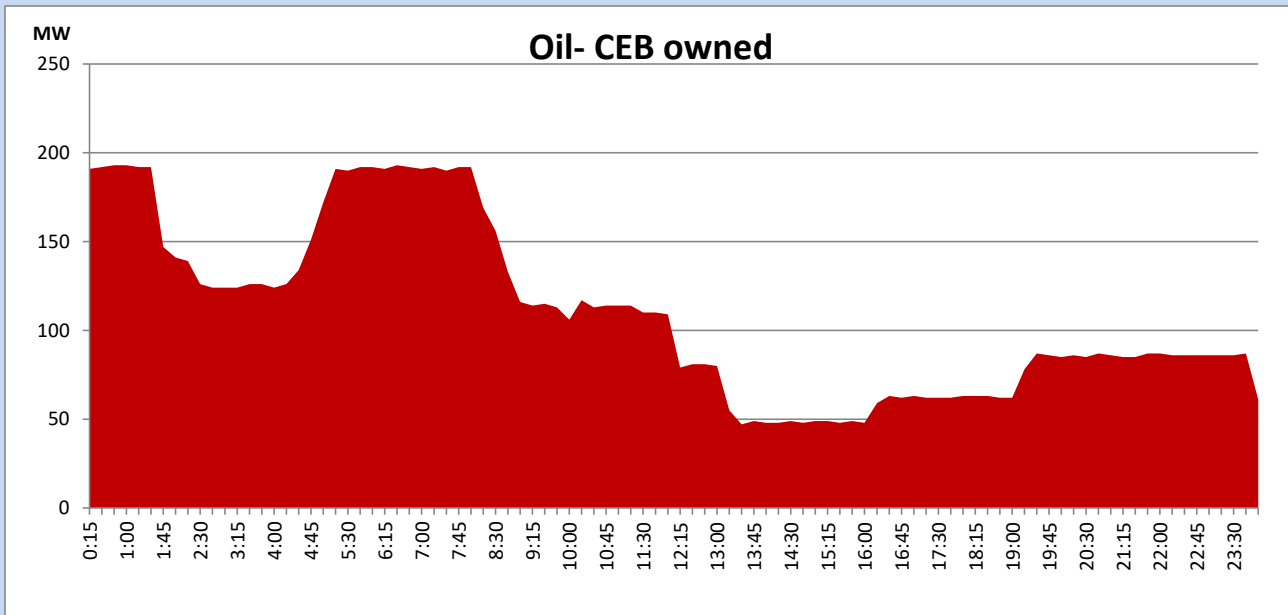
Coal Generation during

February 26, 2023



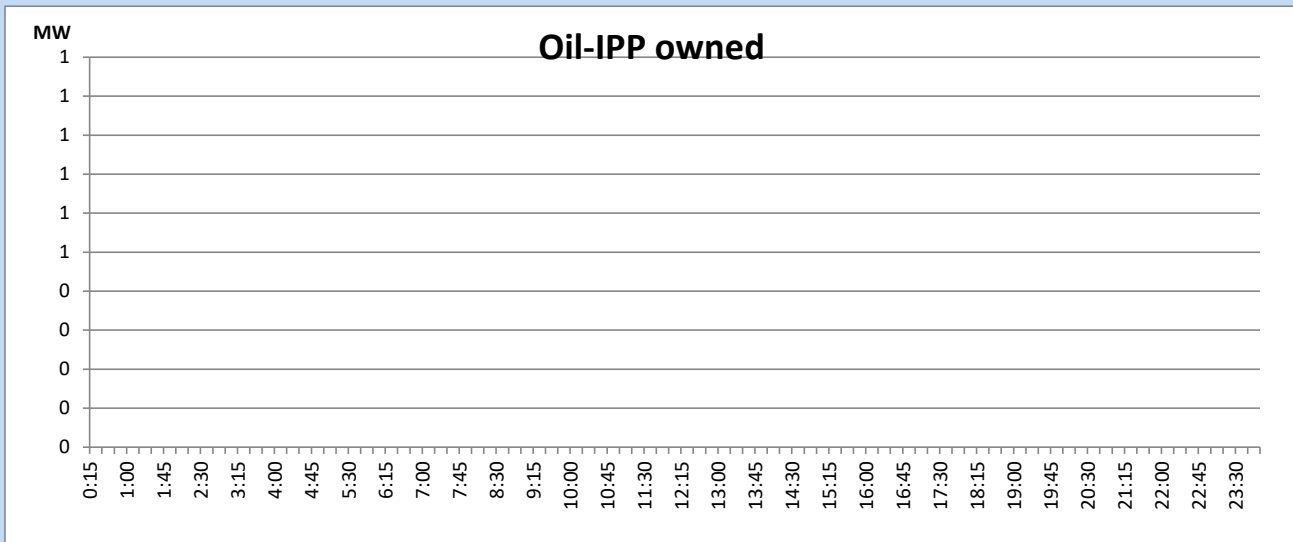
CEB Oil Plant Generation during

February 26, 2023



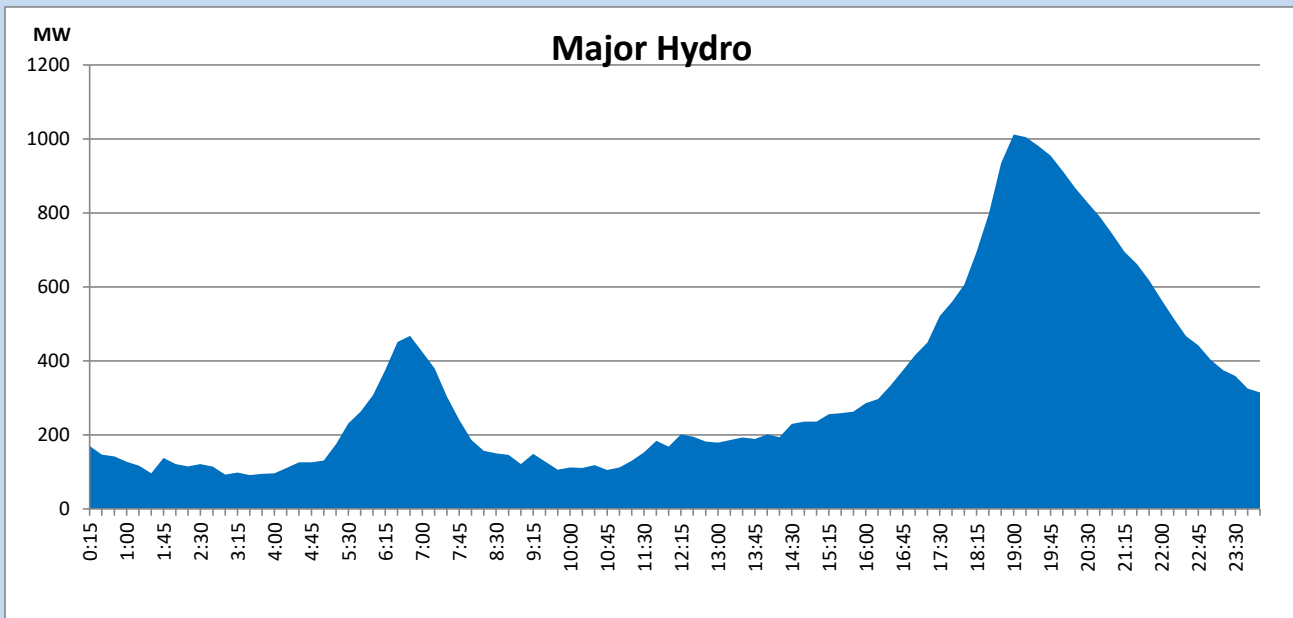
IPP Oil Plant Generation during

February 26, 2023



Major Hydro Generation during

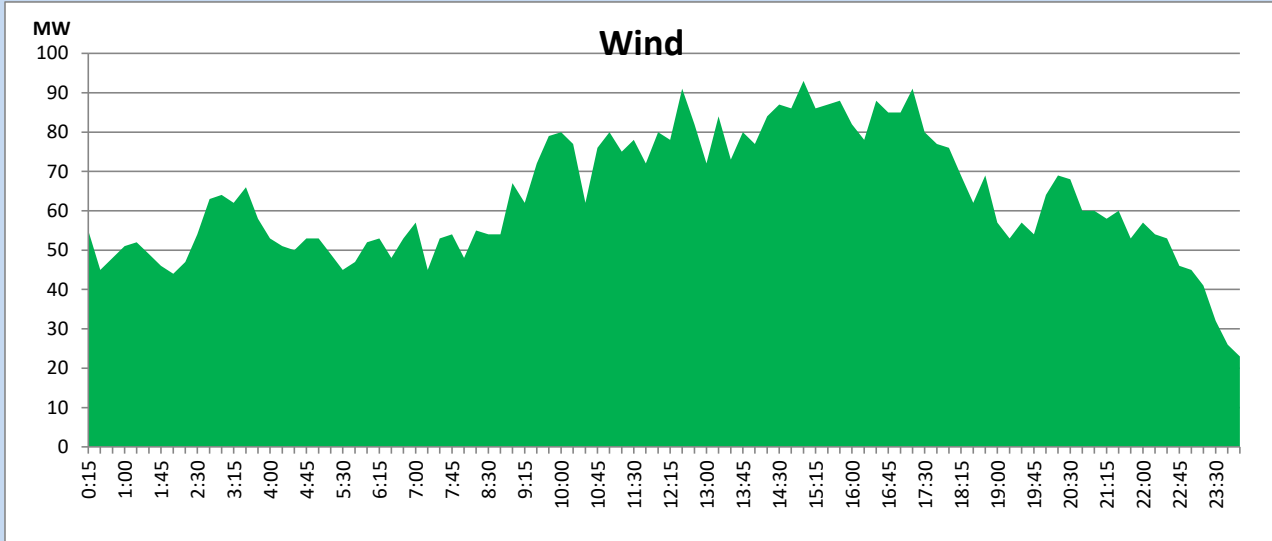
February 26, 2023



Wind Generation during

February 26, 2023

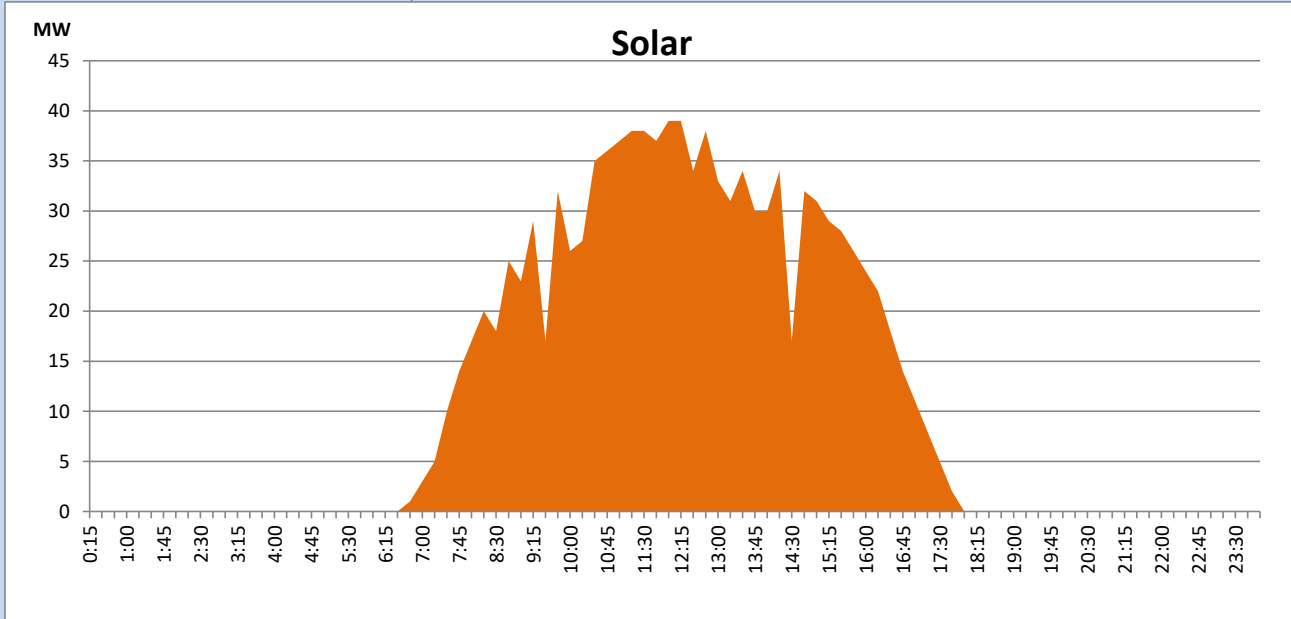
Based on Telemetered Power Stations only



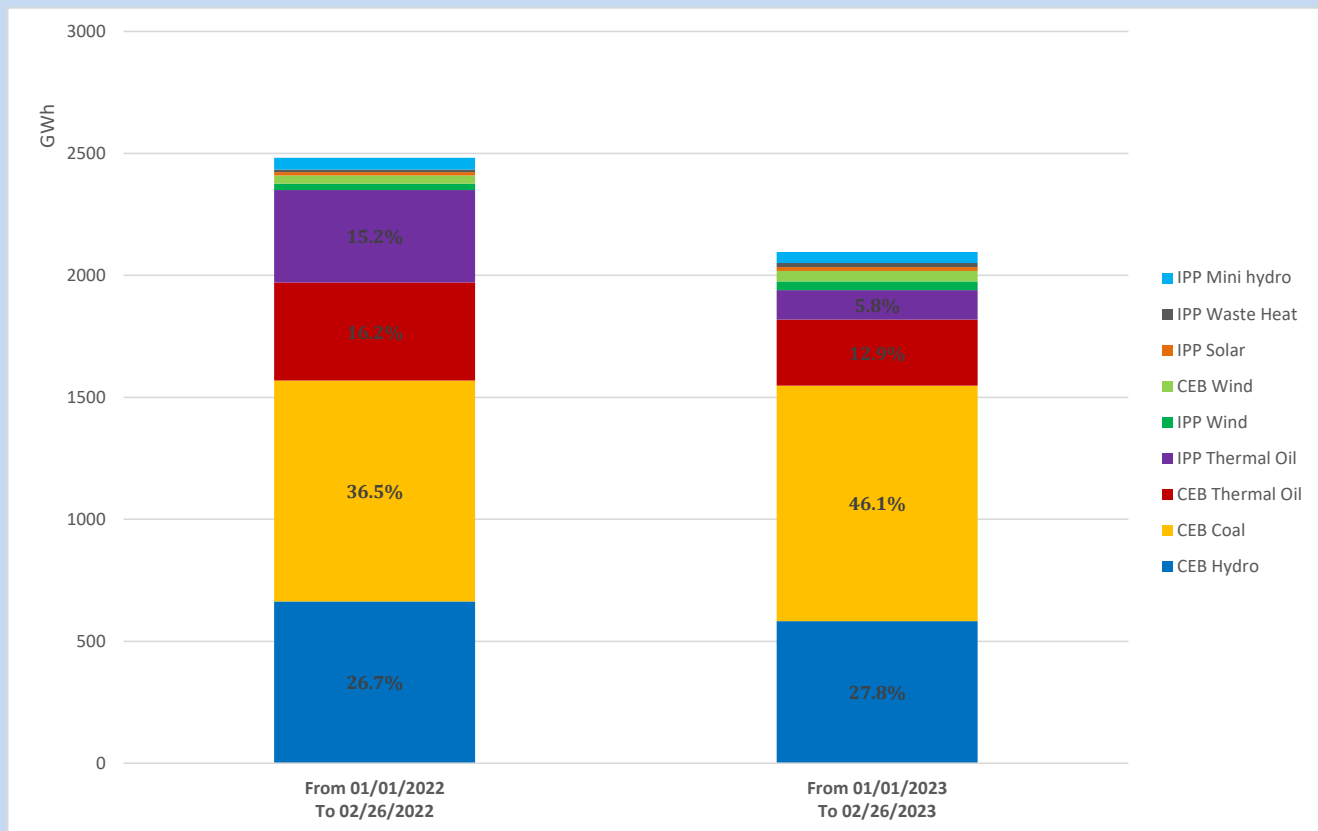
Solar Generation during

February 26, 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

February 26, 2023

1). A share of solar and mini-hydro generation was rejected at 09:46hrs along with 15MW from the Power Barge. System recovered with the operation of UFLS Stage I. All feeders were normalized by 09:56hrs.