

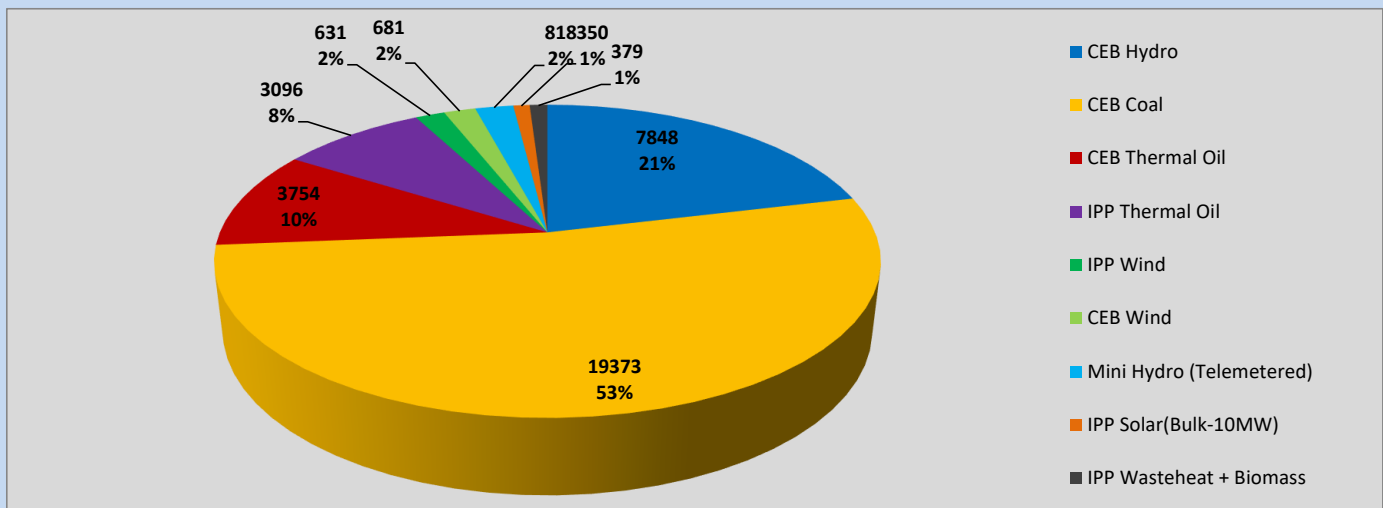
Generation and Reservoirs Statistics

February 25, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =

36,930 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh
 Estimated Mini Hydro (Non telemetered) = 1062 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

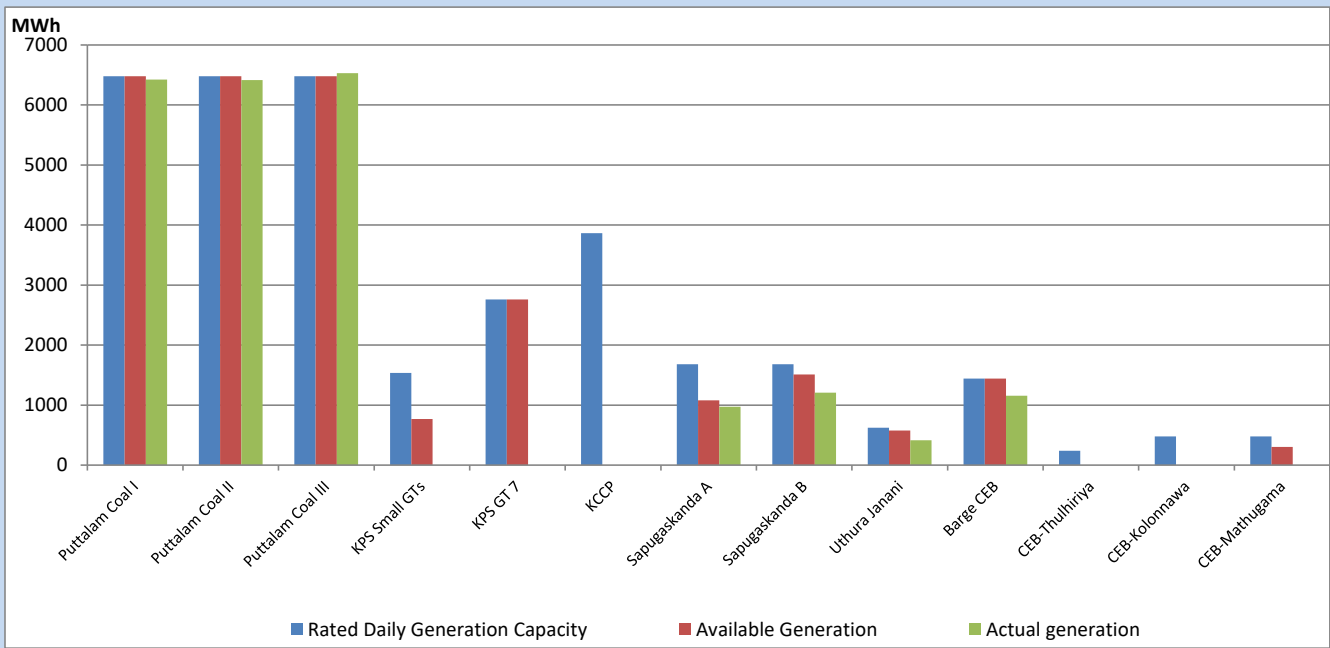
Category	Dispatch (GWh)	Percentage
CEB Hydro	245	25.85%
CEB Coal	480	50.62%
CEB Thermal Oil	95	10.00%
IPP Thermal	65	6.84%
SPP Wind	14	1.50%
CEB Wind	17	1.75%
Mini Hydro (Telemetered)	17	1.77%
IPP Solar(Bulk-10MW)	7	0.78%
IPP Wasteheat + BMP	8	0.89%
Total	948	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	575	27.87%
CEB Coal	947	45.90%
CEB Thermal Oil	267	12.97%
IPP Thermal	121	5.85%
SPP Wind	35	1.71%
CEB Wind	42	2.03%
Mini Hydro (Telemetered)	44	2.13%
IPP Solar(Bulk-10MW)	16	0.76%
IPP Wasteheat	16	0.78%
Total	2,062	

CEB owned Thermal Plant Dispatch

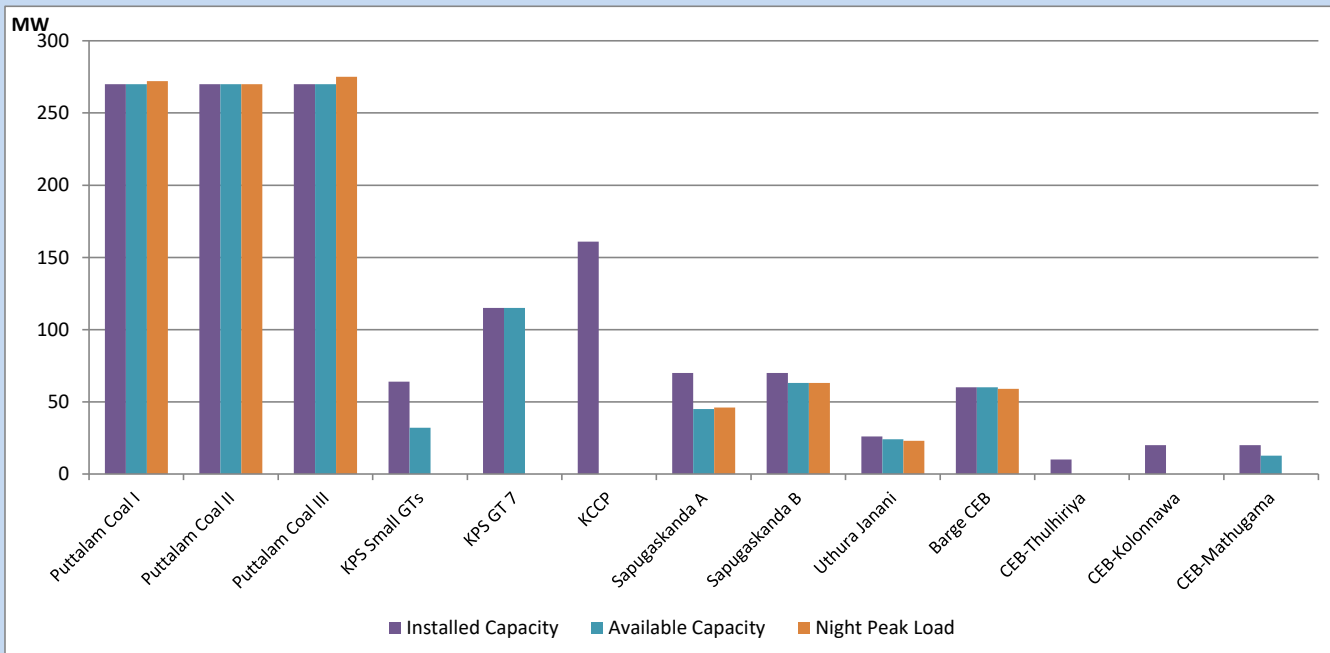
February 25, 2023



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

February 26, 2023

CEB owned Thermal Plant Loading at the Night Peak

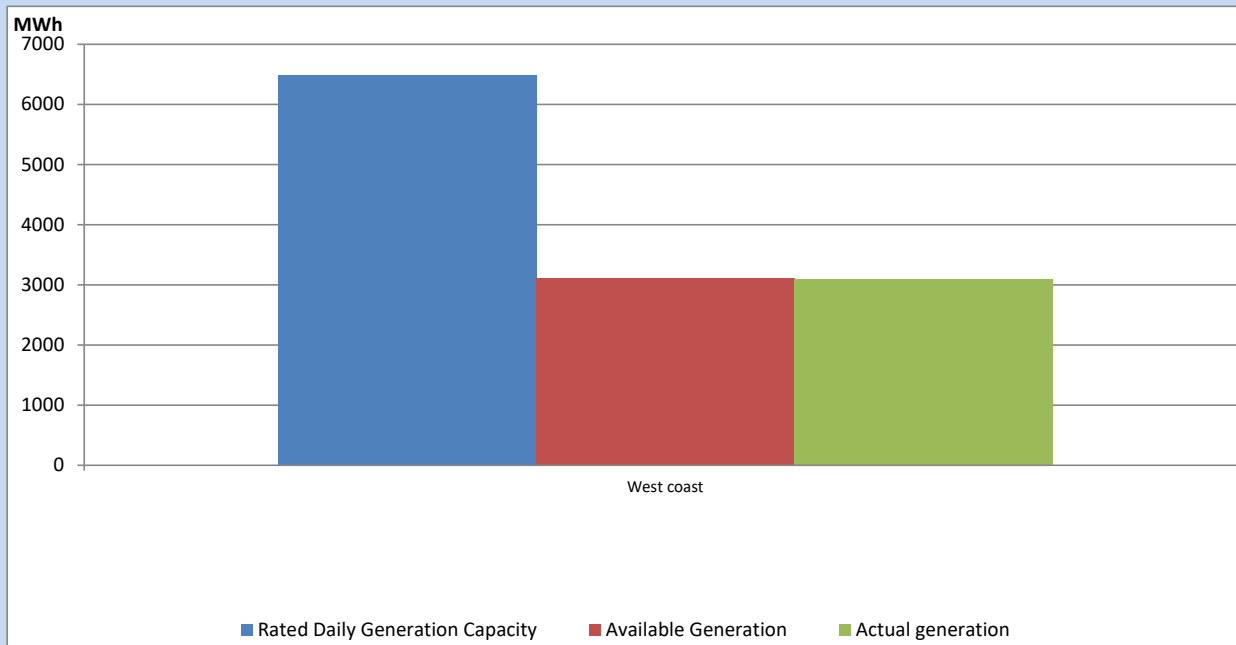


Note- Plant availability is recorded at 6.00 am on

February 26, 2023

IPP owned Thermal Plant Dispatch

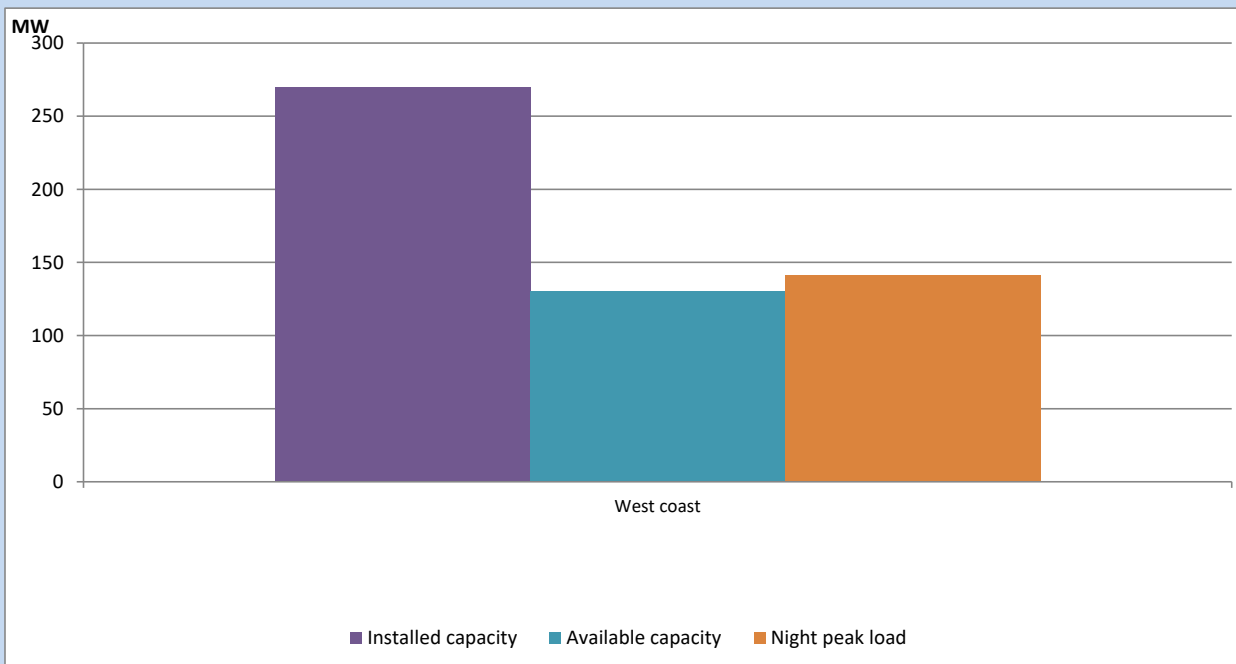
February 25, 2023



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

February 26, 2023

IPP owned Thermal Plant Loading at the Night Peak

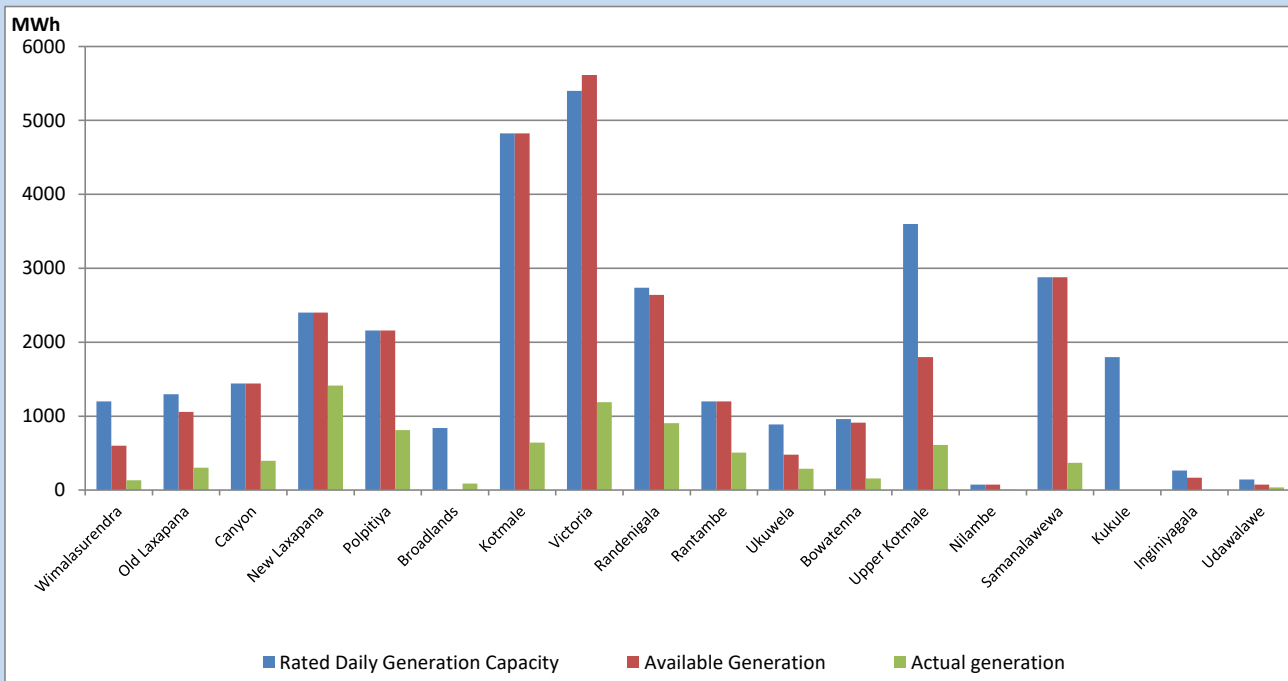


Note- Plant availability is recorded at 6.00 am on

February 26, 2023

Major Hydro Plant Dispatch

February 25, 2023

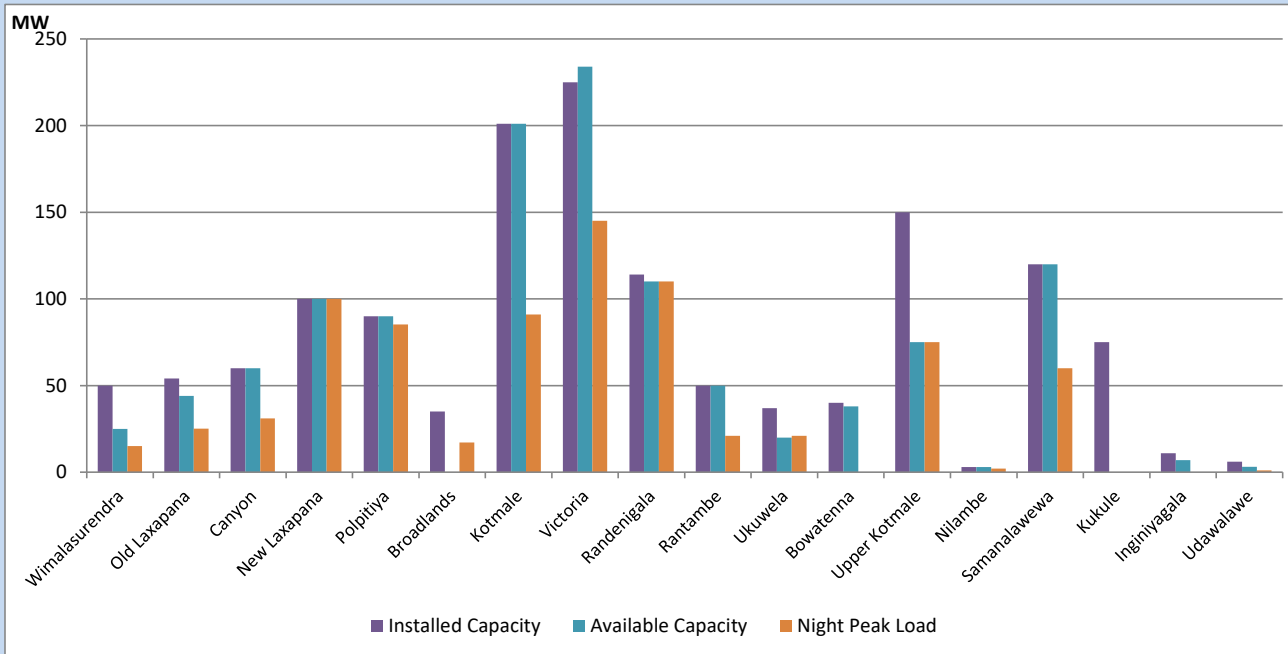


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

February 26, 2023

Major Hydro Plant Loading at Night Peak

February 25, 2023



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

February 26, 2023

Summary of Major Plant performance

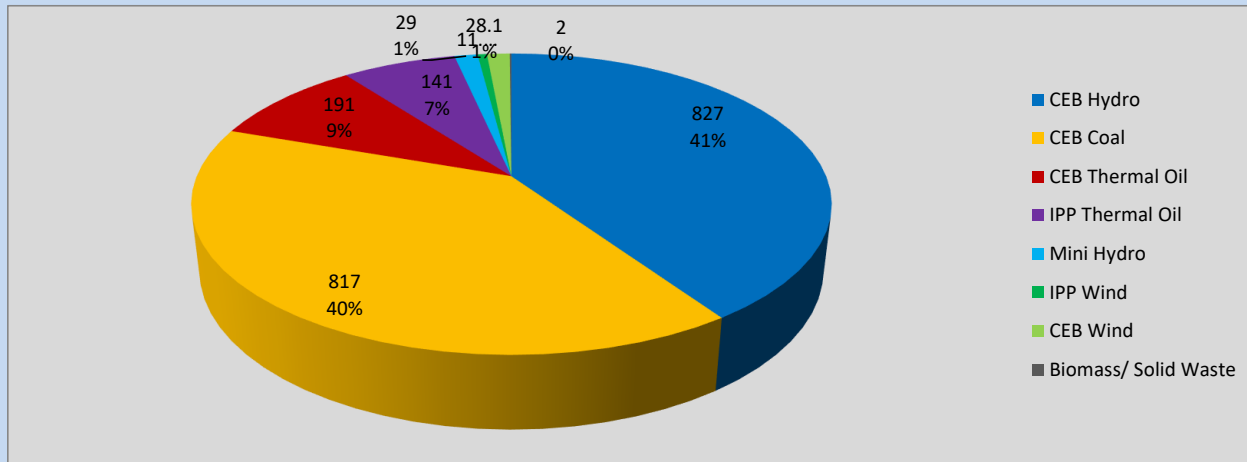
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	15	131
Old Laxapana	54	44	25	304
Canyon	60	60	31	397
New Laxapana	100	100	100	1,414
Polpitiya	90	90	85	811
Broadlands	35	0	17	87
Kotmale	201	201	91	640
Victoria	225	234	145	1,189
Randenigala	114	110	110	905
Rantambe	50	50	21	505
Ukuwela	37	20	21	288
Bowatenna	40	38	0	156
Upper Kotmale	150	75	75	612
Nilambe	3	3	2	6
Samanalawewa	120	120	60	368
Kukule	75	0	0	0
Inginiyagala	11	7	0	0
Udawalawe	6	3	1	35
Puttalam Coal I	270	270	272	6,425
Puttalam Coal II	270	270	270	6,417
Puttalam Coal III	270	270	275	6,531
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	45	46	975
Sapugaskanda B	70	63	63	1,209
Uthura Janani	26	24	23	414
Barge CEB	60	60	59	1,156
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	130	141	3,096
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,472	2,019	36,930

Plant availability is the availability recorded at 6 am on

February 26, 2023

Contribution to the Night Peak in MW

February 25, 2023

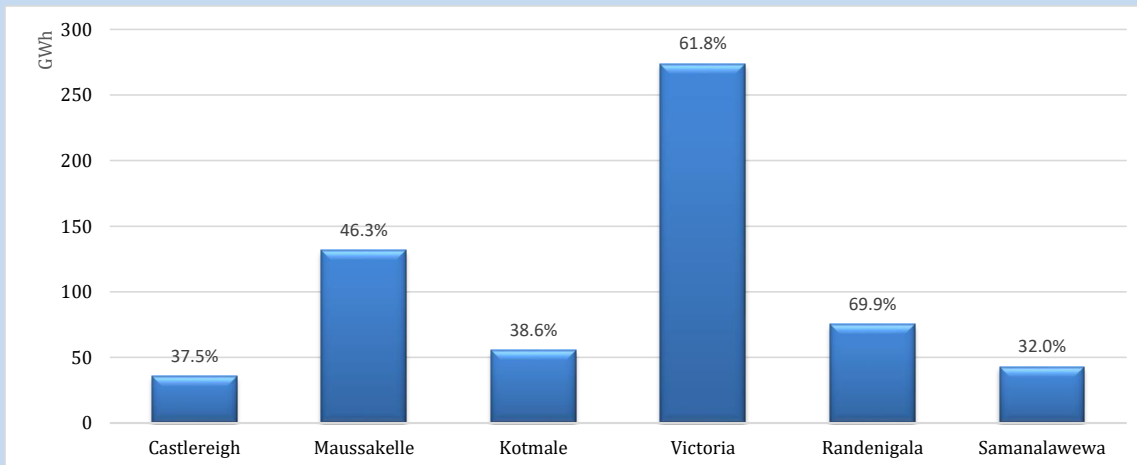


Night Peak*	2,047 MW
Day Peak	1,617 MW
Minimum Demand	1,201 MW

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

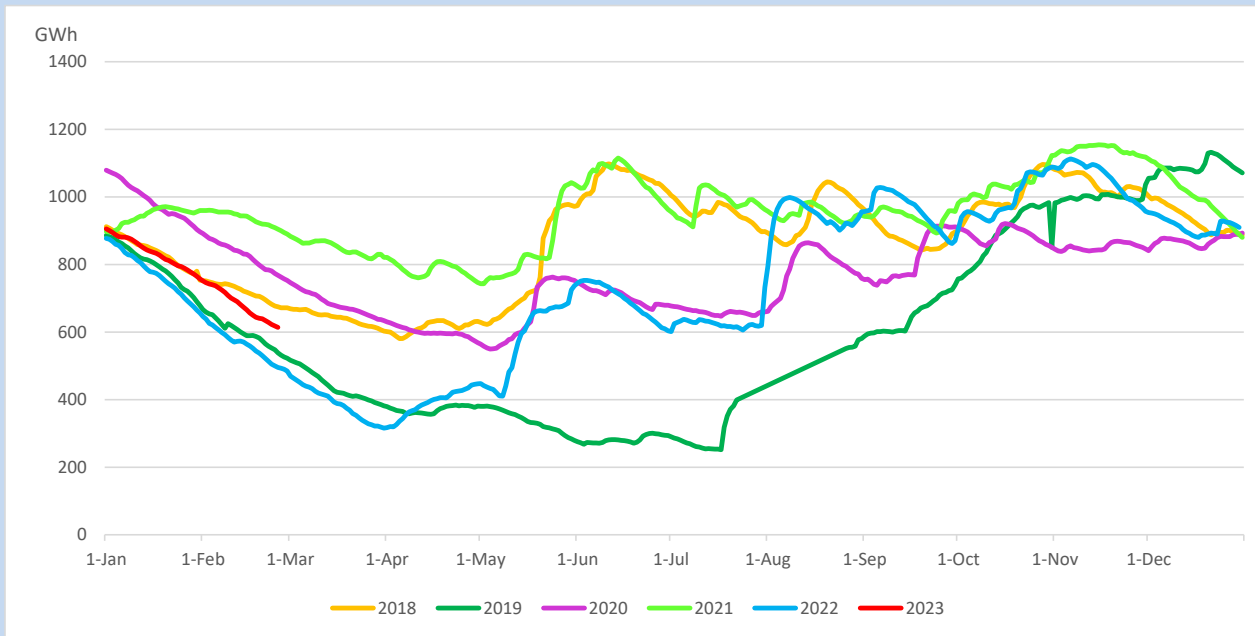
Reservoir Levels -

as at 06.00 Hr on February 26, 2023

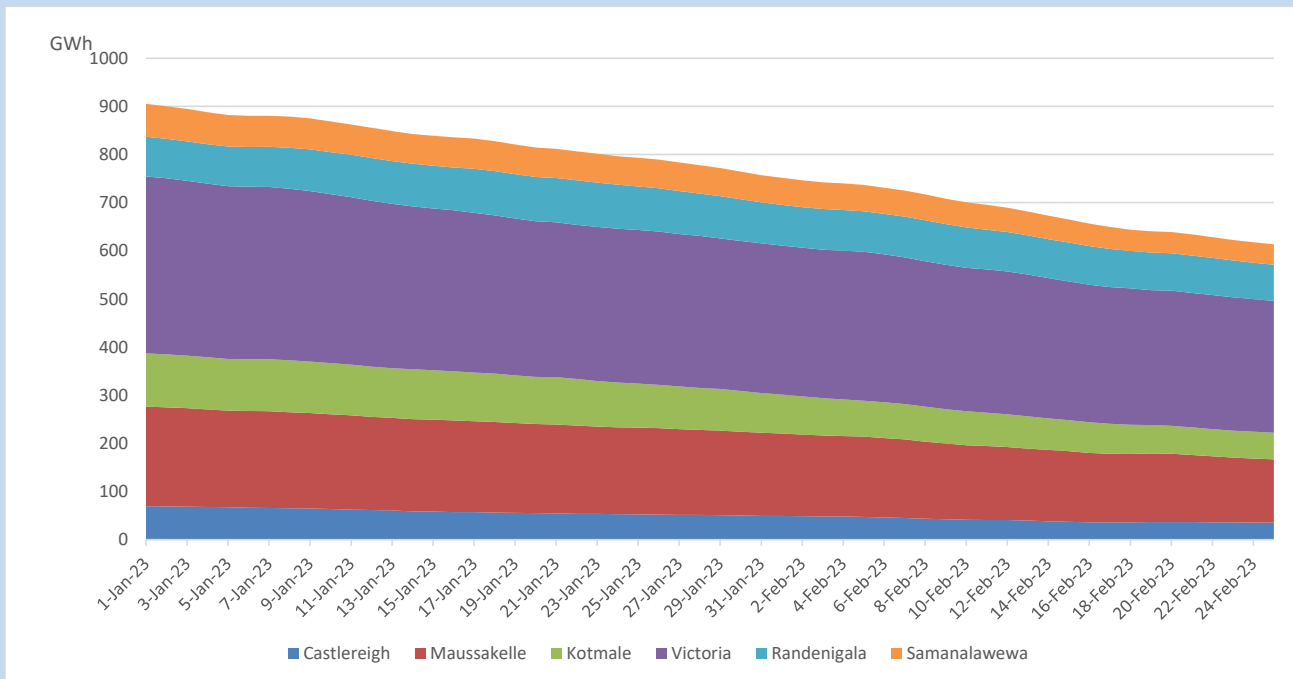


Total Reservoir Level	613.8 GWh
% of Total capacity	50.9%

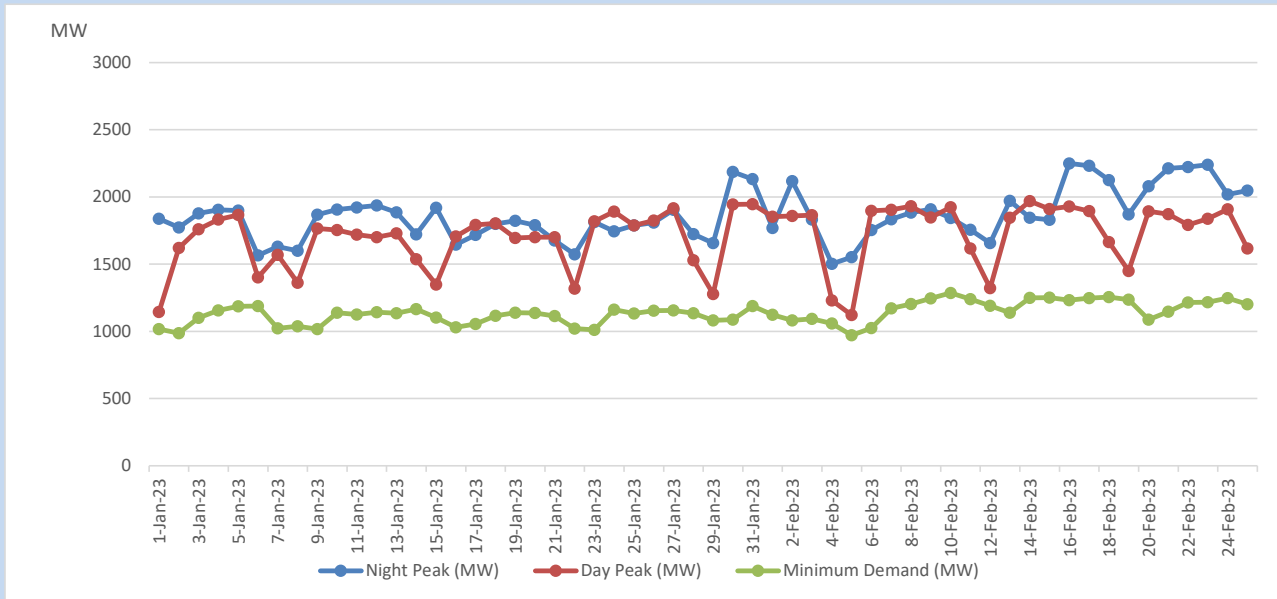
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

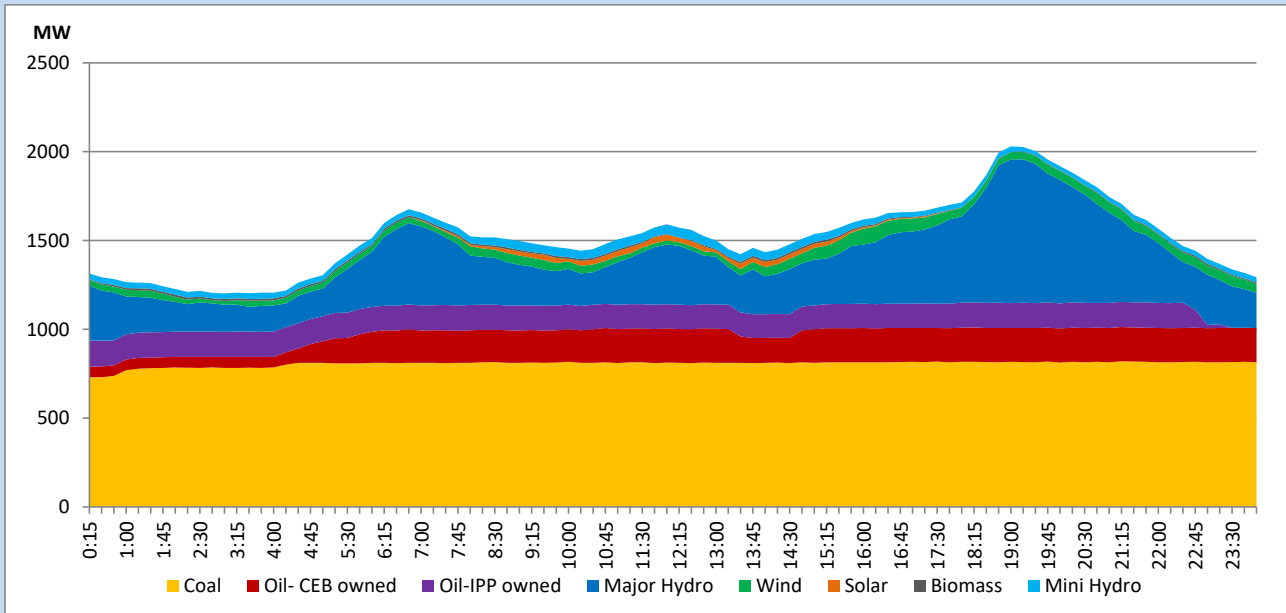


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

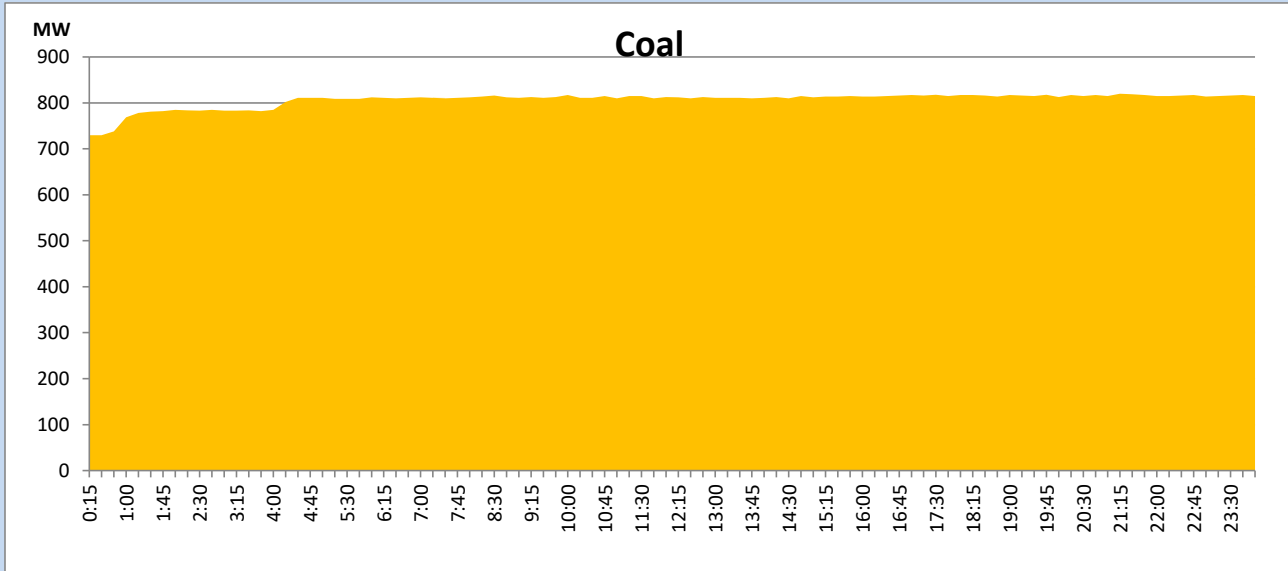
February 25, 2023

Solar and wind data is based on Telemetered Power Stations only



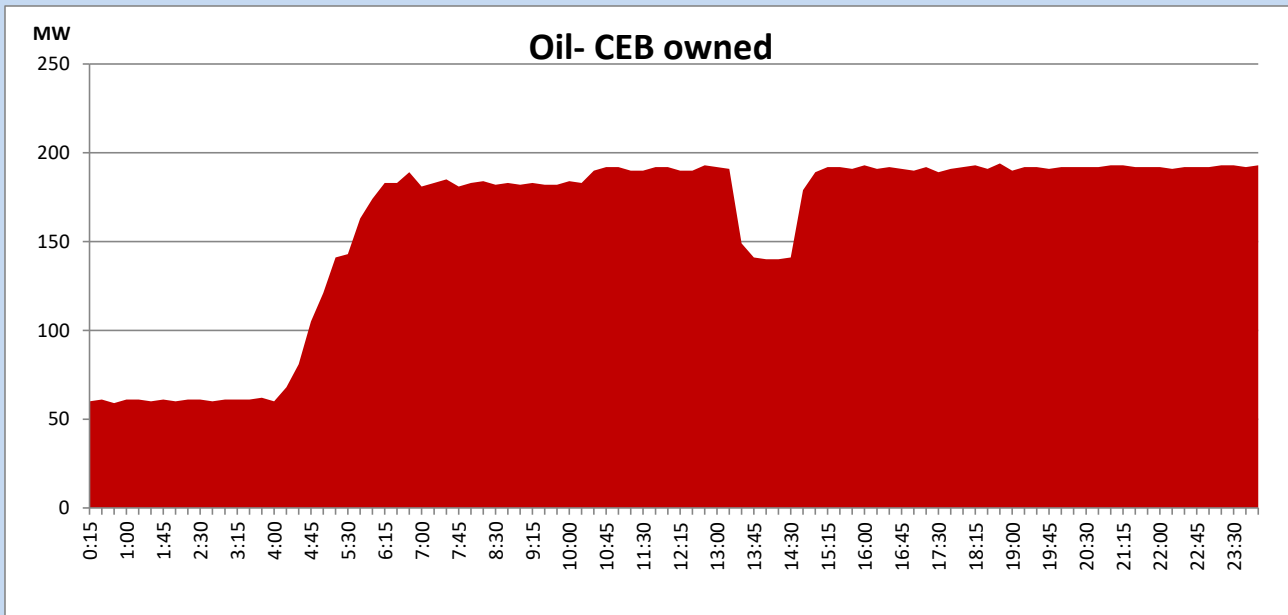
Coal Generation during

February 25, 2023



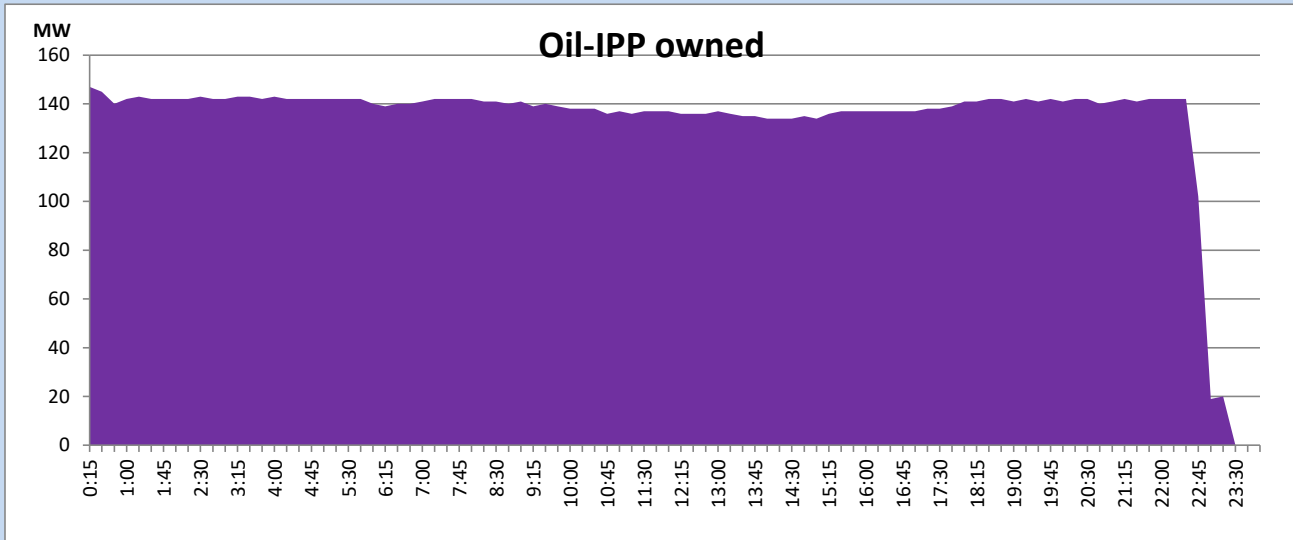
CEB Oil Plant Generation during

February 25, 2023



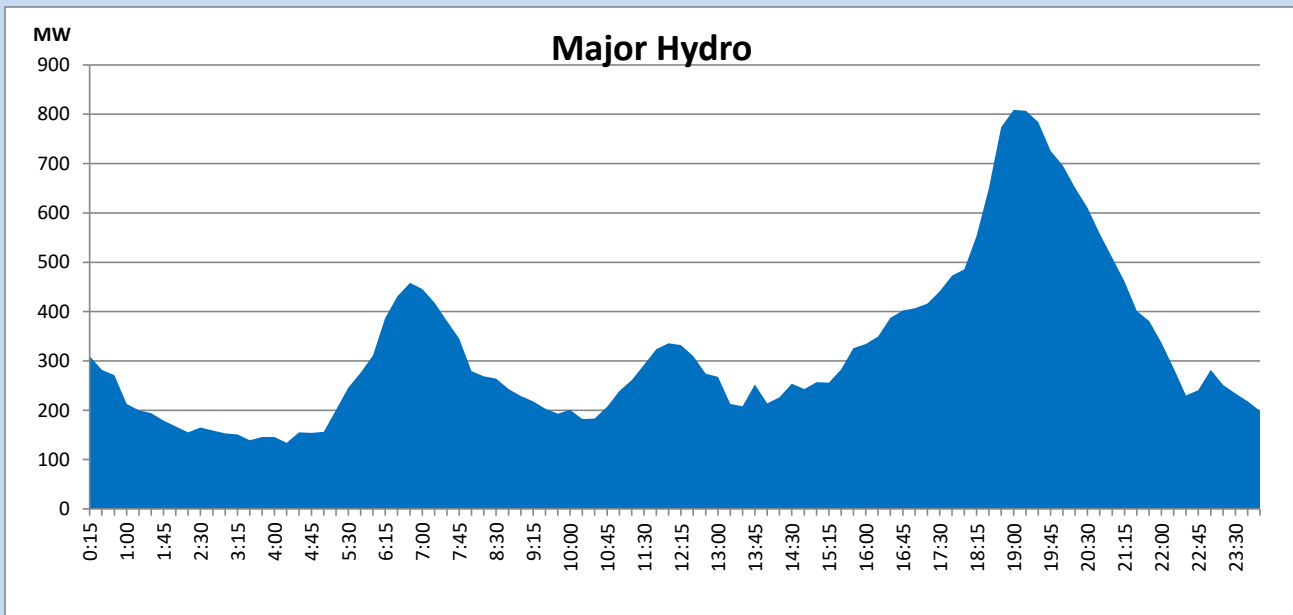
IPP Oil Plant Generation during

February 25, 2023



Major Hydro Generation during

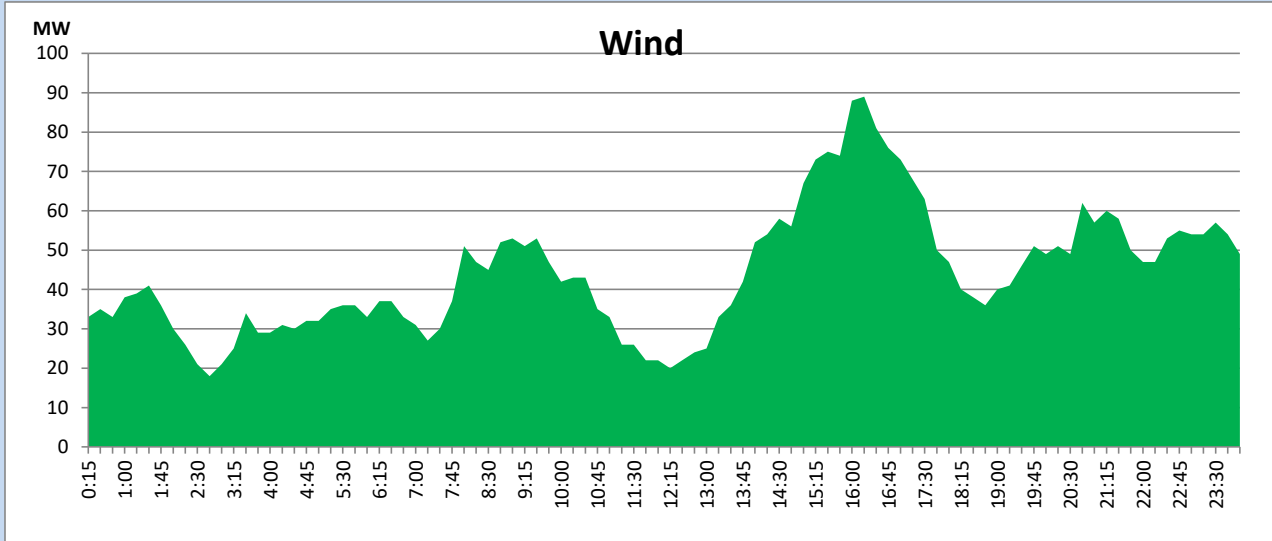
February 25, 2023



Wind Generation during

February 25, 2023

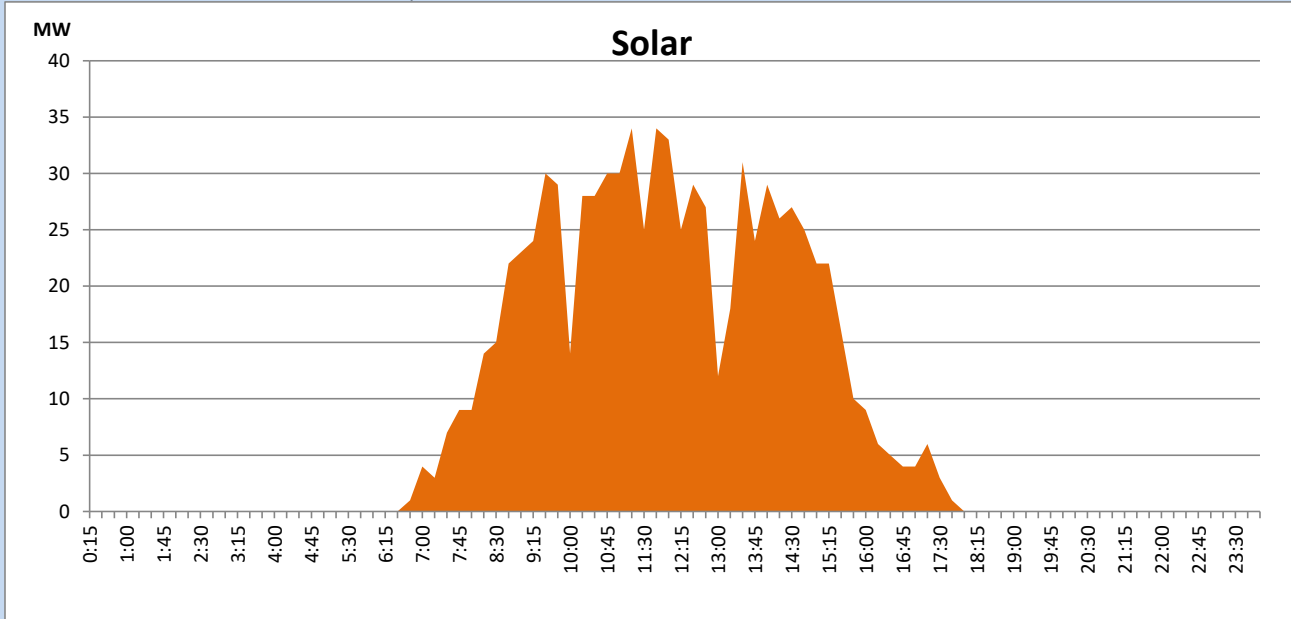
Based on Telemetered Power Stations only



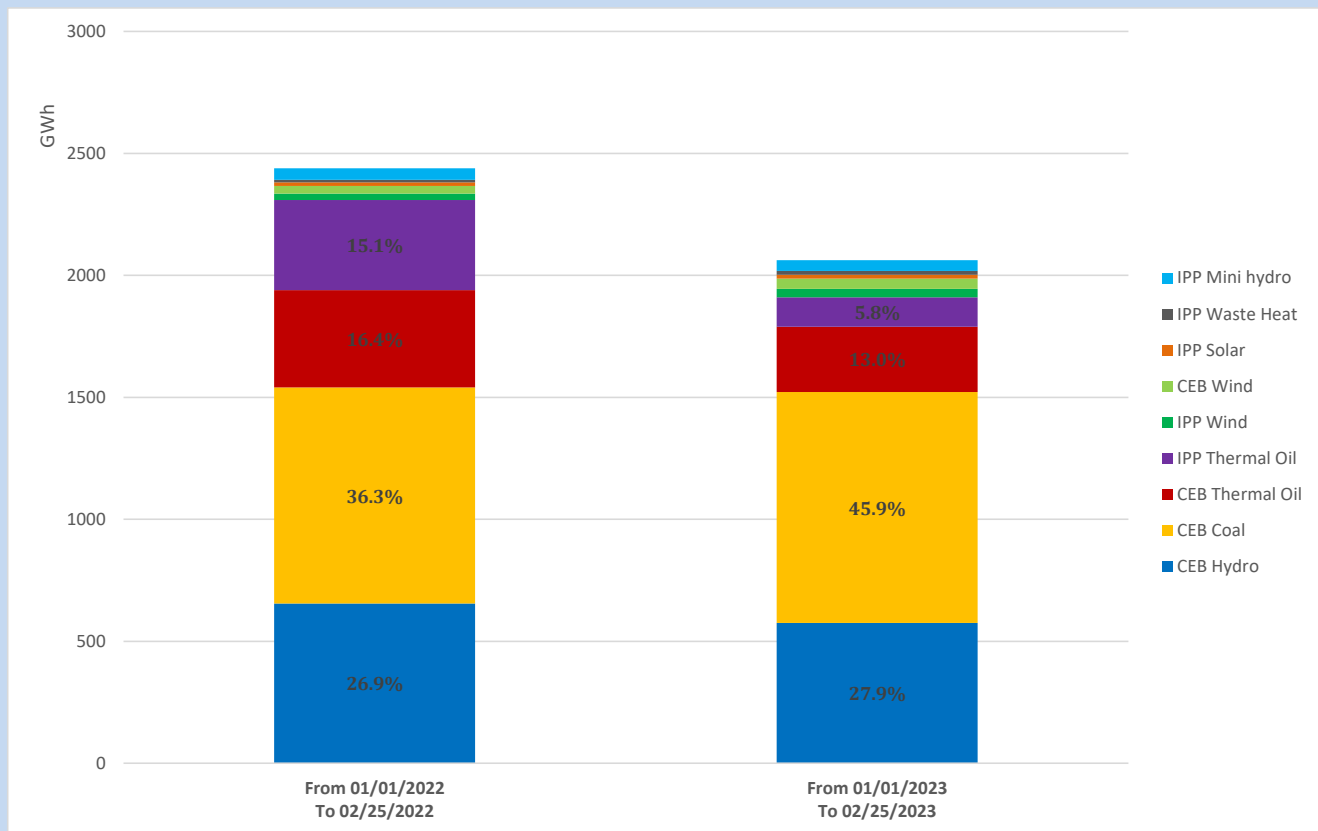
Solar Generation during

February 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

February 25, 2023

Nil.