

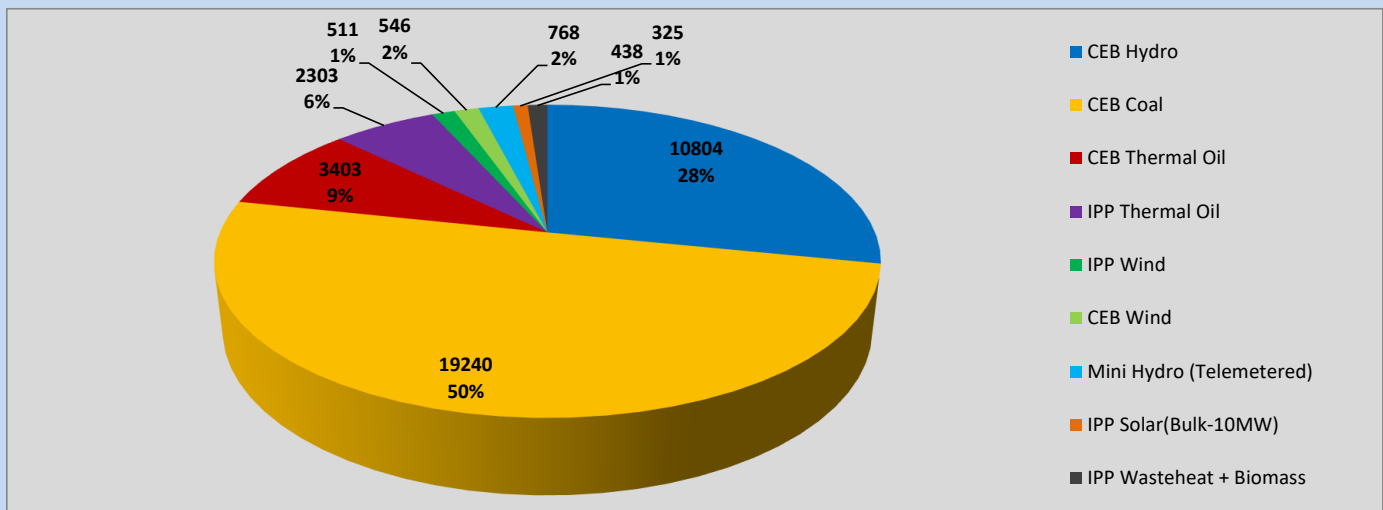
Generation and Reservoirs Statistics

February 13, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =

38,338 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 2.05 GWh
 Estimated Mini Hydro (Non telemetered) = 1130 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

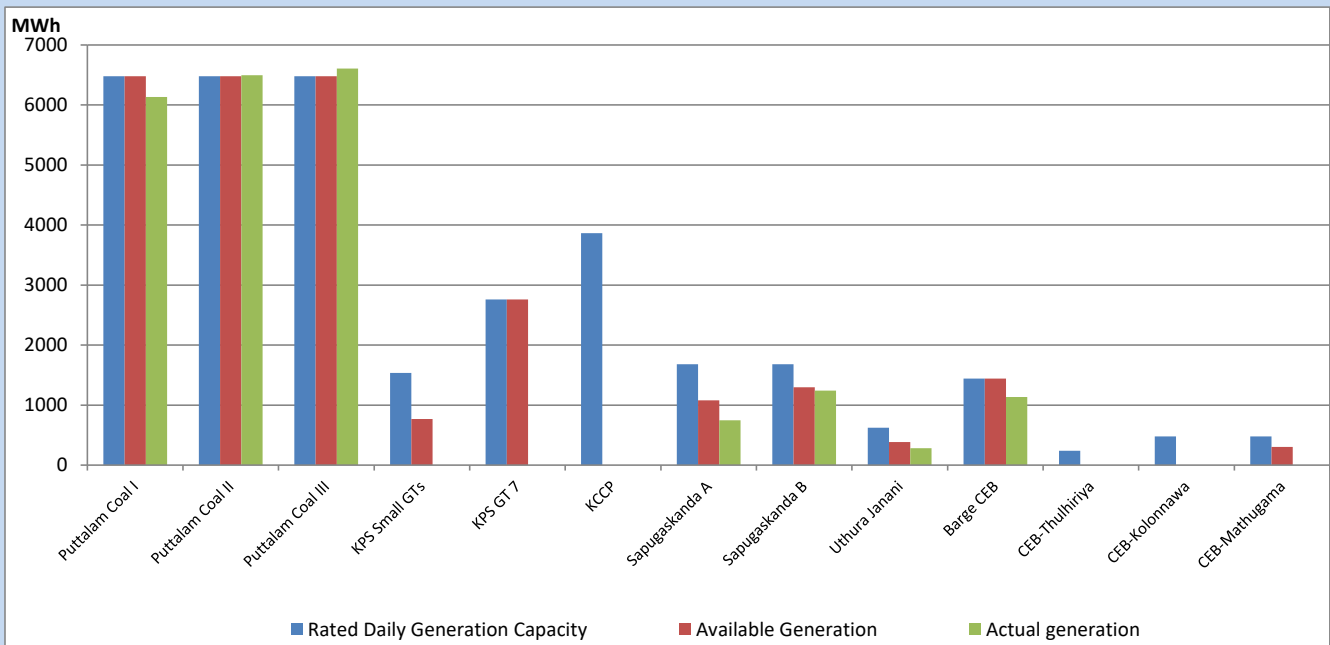
Category	Dispatch (GWh)	Percentage
CEB Hydro	136	28.47%
CEB Coal	247	51.68%
CEB Thermal Oil	52	10.79%
IPP Thermal	10	2.11%
SPP Wind	7	1.53%
CEB Wind	10	1.99%
Mini Hydro (Telemetered)	9	1.80%
IPP Solar(Bulk-10MW)	4	0.73%
IPP Wasteheat + BMP	4	0.89%
Total	477	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	466	29.26%
CEB Coal	714	44.83%
CEB Thermal Oil	224	14.09%
IPP Thermal	66	4.14%
SPP Wind	28	1.78%
CEB Wind	35	2.18%
Mini Hydro (Telemetered)	36	2.24%
IPP Solar(Bulk-10MW)	12	0.74%
IPP Wasteheat	12	0.74%
Total	1,592	

CEB owned Thermal Plant Dispatch

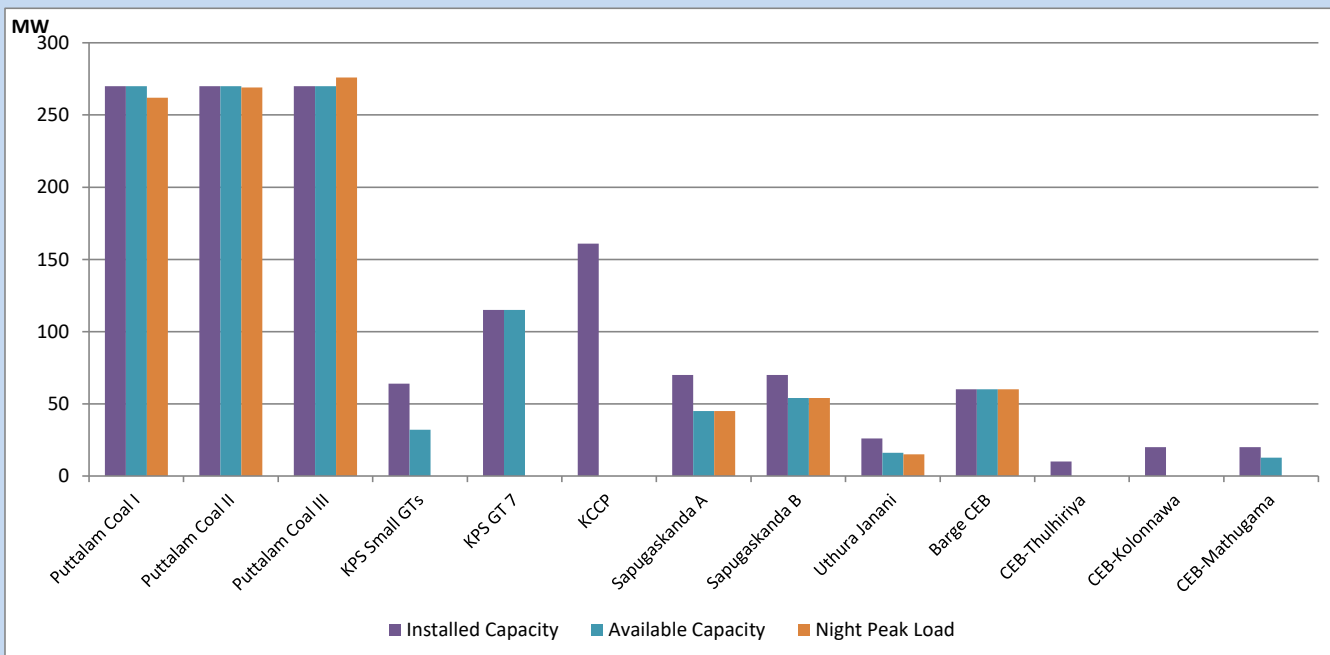
February 13, 2023



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

February 14, 2023

CEB owned Thermal Plant Loading at the Night Peak

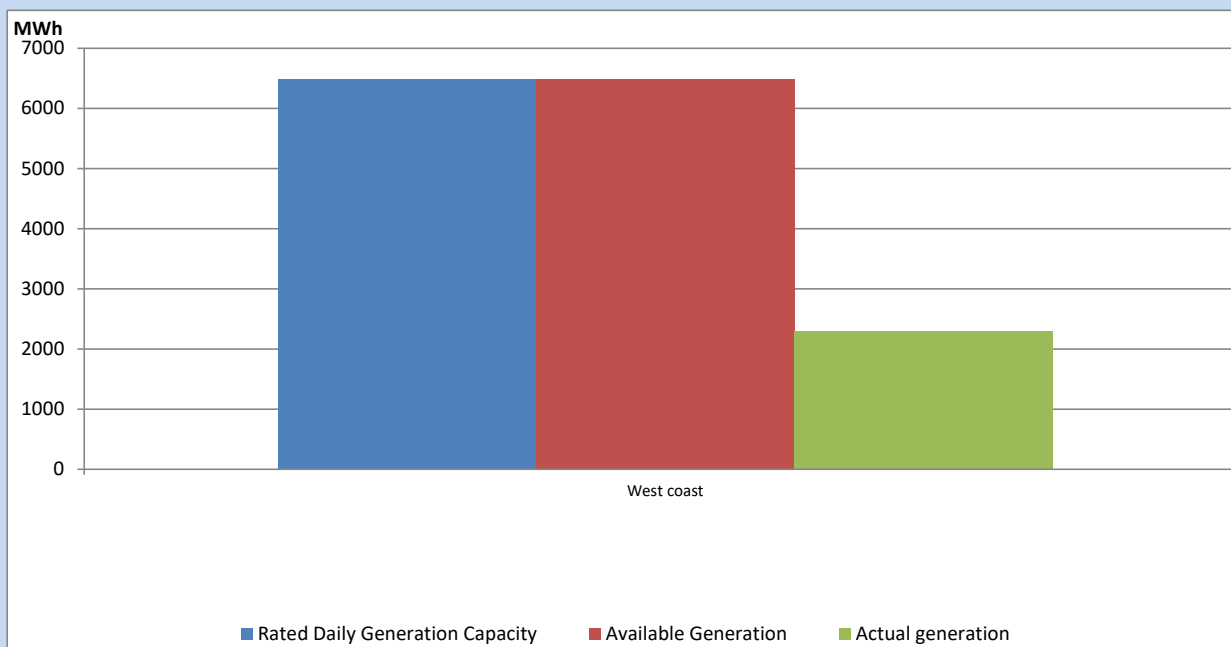


Note- Plant availability is recorded at 6.00 am on

February 14, 2023

IPP owned Thermal Plant Dispatch

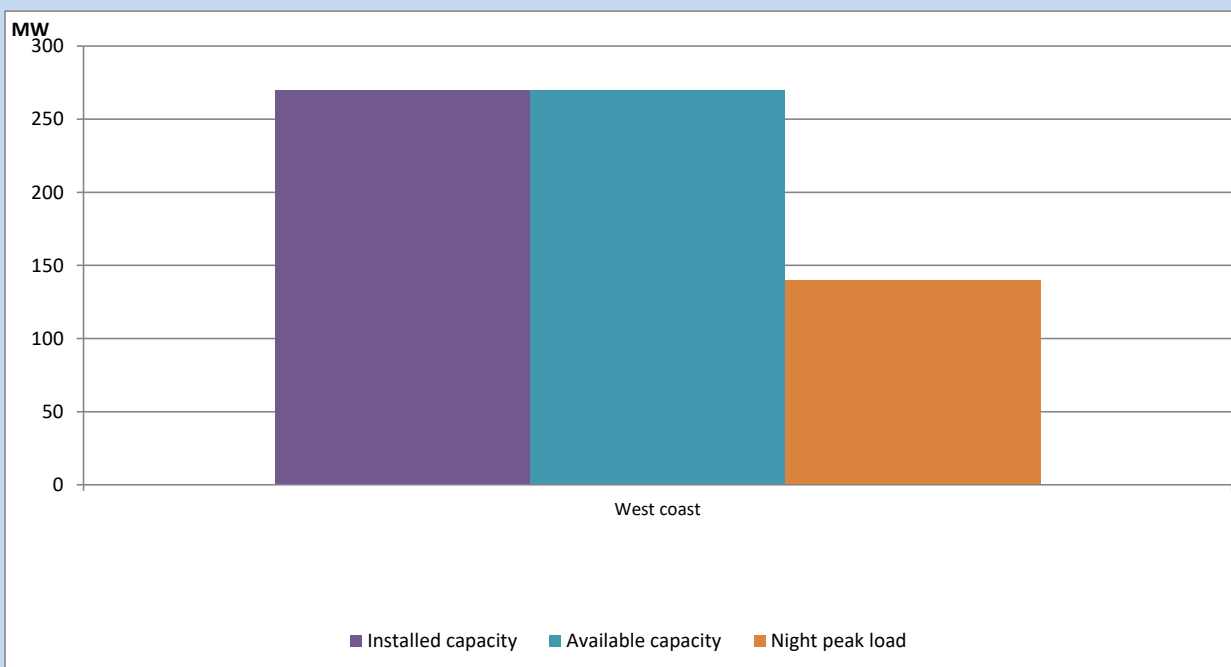
February 13, 2023



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

February 14, 2023

IPP owned Thermal Plant Loading at the Night Peak

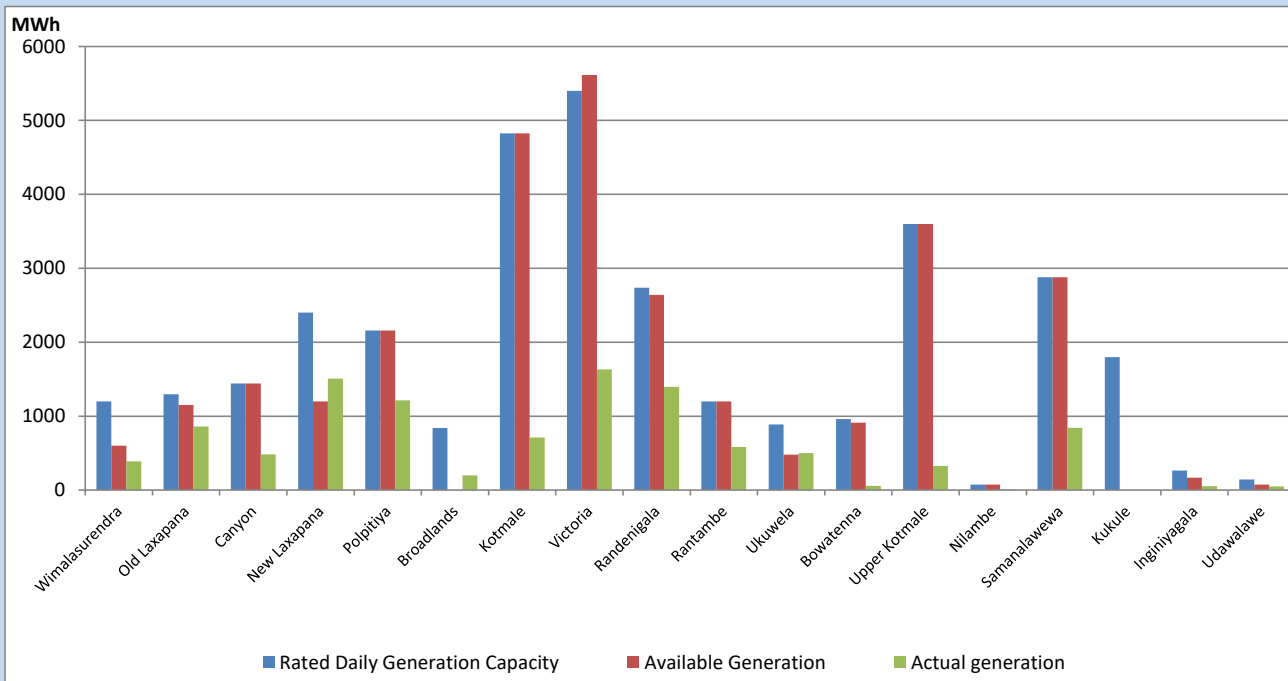


Note- Plant availability is recorded at 6.00 am on

February 14, 2023

Major Hydro Plant Dispatch

February 13, 2023

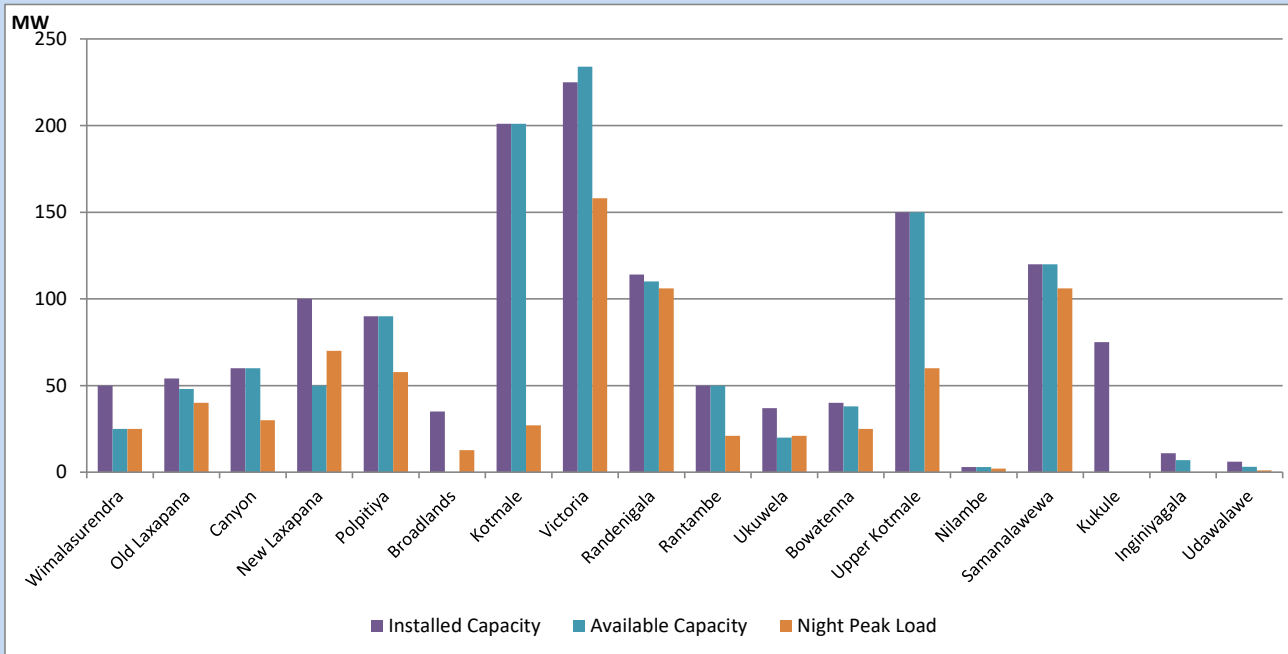


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

February 14, 2023

Major Hydro Plant Loading at Night Peak

February 13, 2023



Note- Plant availability is recorded at 6.00 am on

February 14, 2023

Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

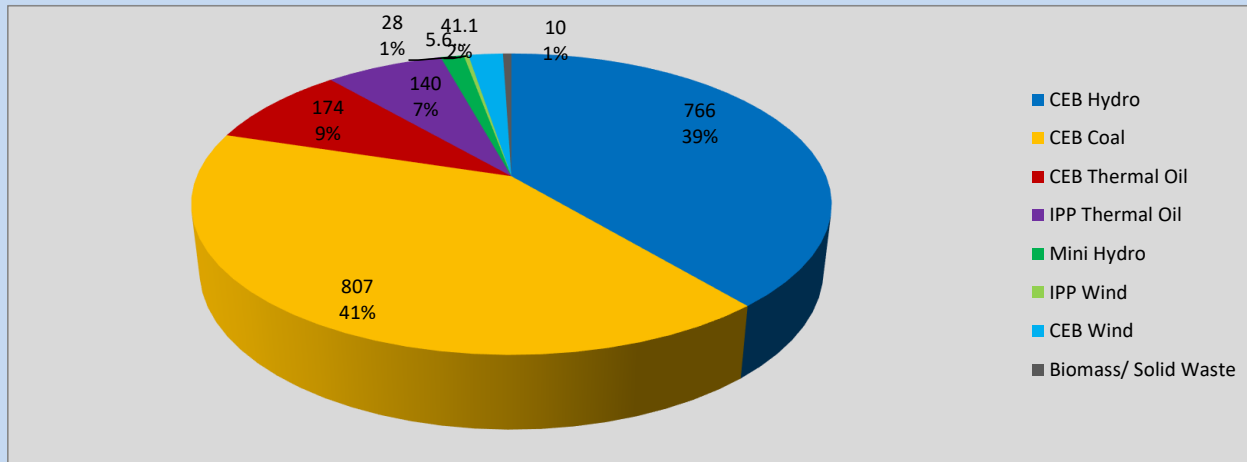
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	389
Old Laxapana	54	48	40	860
Canyon	60	60	30	484
New Laxapana	100	50	70	1,506
Polpitiya	90	90	58	1,212
Broadlands	35	0	13	198
Kotmale	201	201	27	710
Victoria	225	234	158	1,632
Randenigala	114	110	106	1,395
Rantambe	50	50	21	584
Ukuwela	37	20	21	499
Bowatenna	40	38	25	57
Upper Kotmale	150	150	60	325
Nilambe	3	3	2	11
Samanalawewa	120	120	106	842
Kukule	75	0	0	0
Inginiyagala	11	7	0	52
Udawalawe	6	3	1	48
Puttalam Coal I	270	270	262	6,136
Puttalam Coal II	270	270	269	6,498
Puttalam Coal III	270	270	276	6,606
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	45	45	747
Sapugaskanda B	70	54	54	1,241
Uthura Janani	26	16	15	282
Barge CEB	60	60	60	1,133
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	140	2,303
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,624	1,968	38,338

Plant availability is the availability recorded at 6 am on

February 14, 2023

Contribution to the Night Peak in MW

February 13, 2023

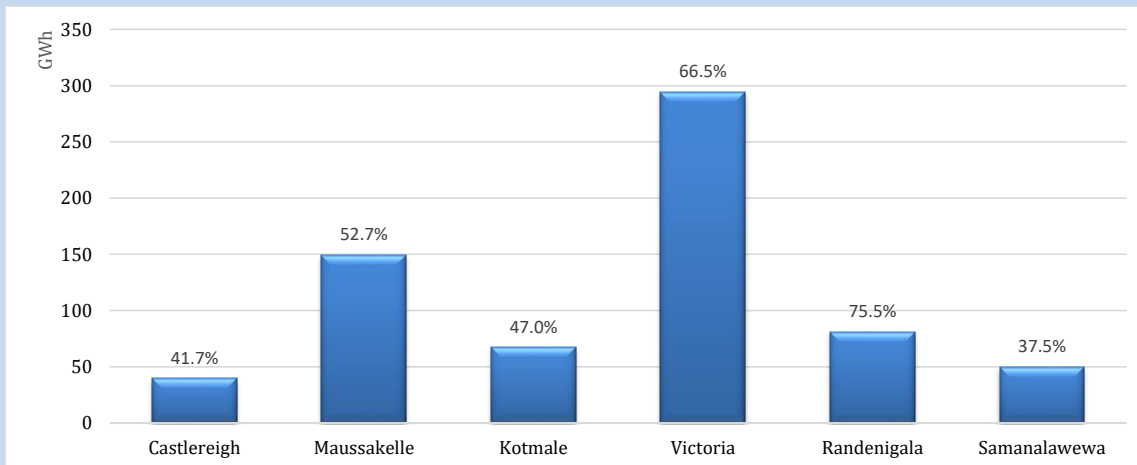


Night Peak*	1,971.7 MW
Day Peak	1,845.2 MW
Minimum Demand	1,138.6 MW

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

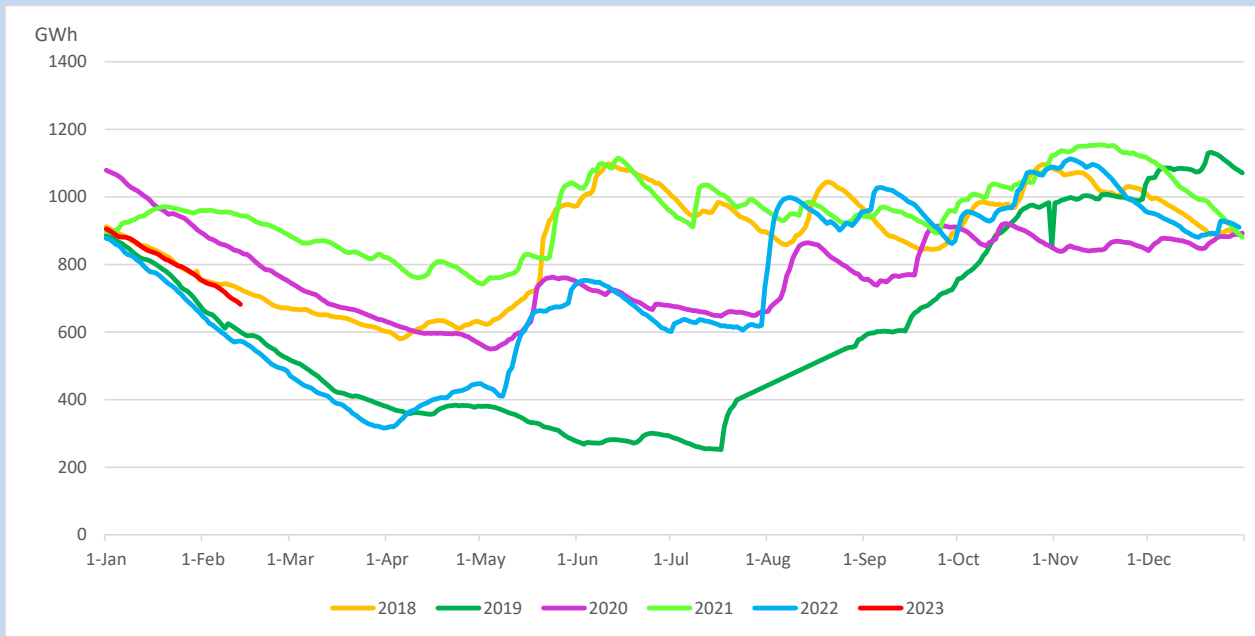
Reservoir Levels -

as at 06.00 Hr on February 14, 2023

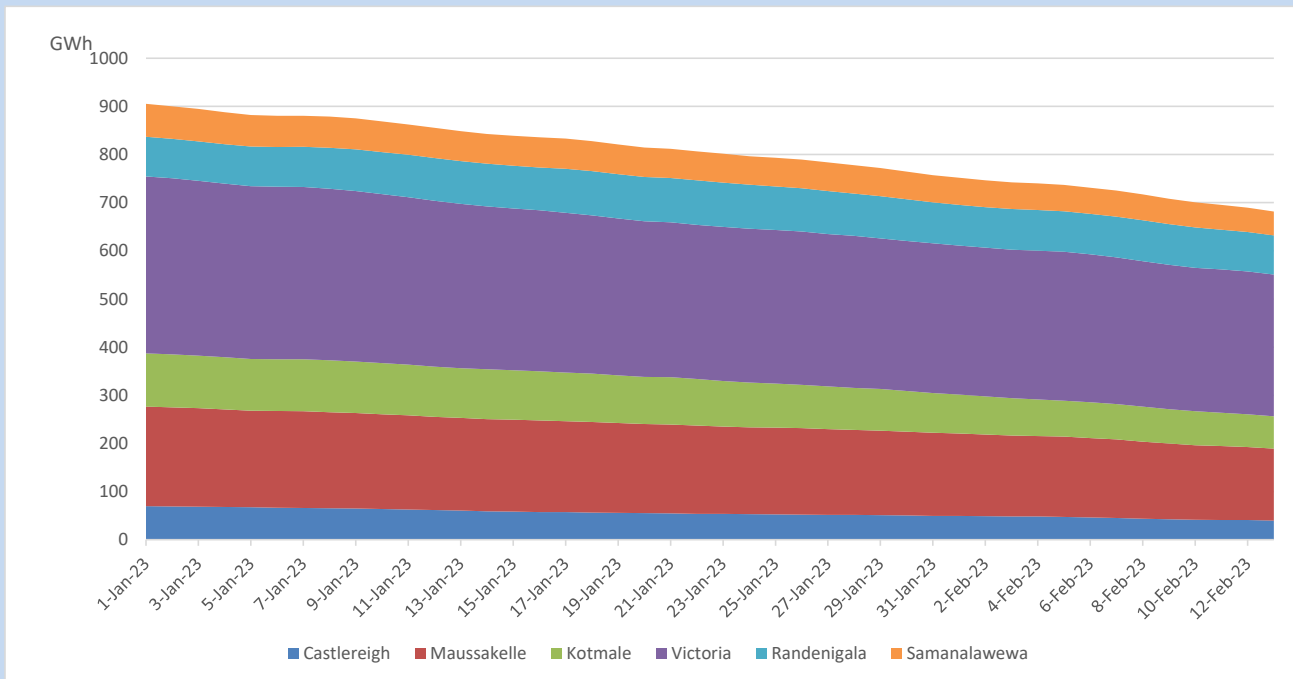


Total Reservoir Level	681.8 GWh
% of Total capacity	56.6%

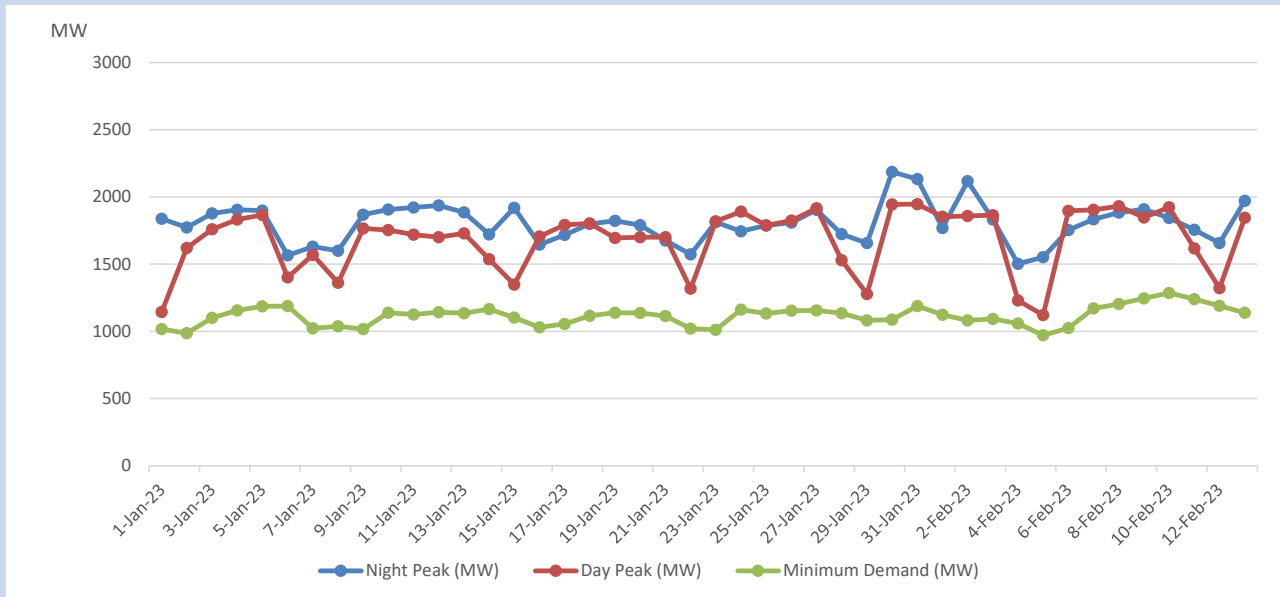
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

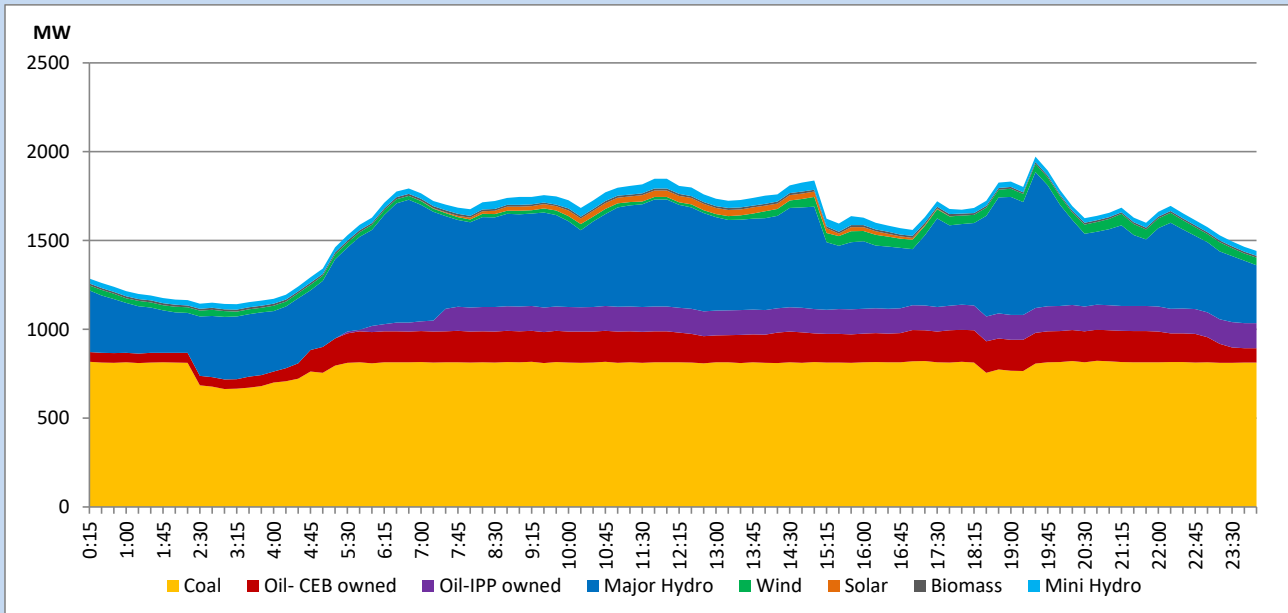


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

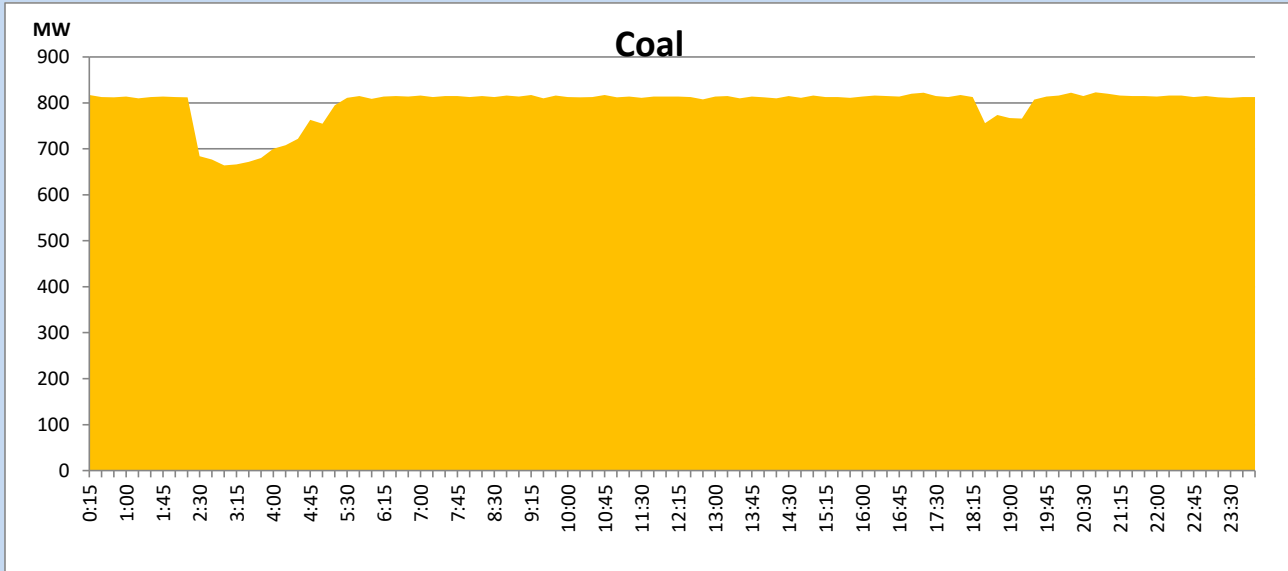
February 13, 2023

Solar and wind data is based on Telemetered Power Stations only



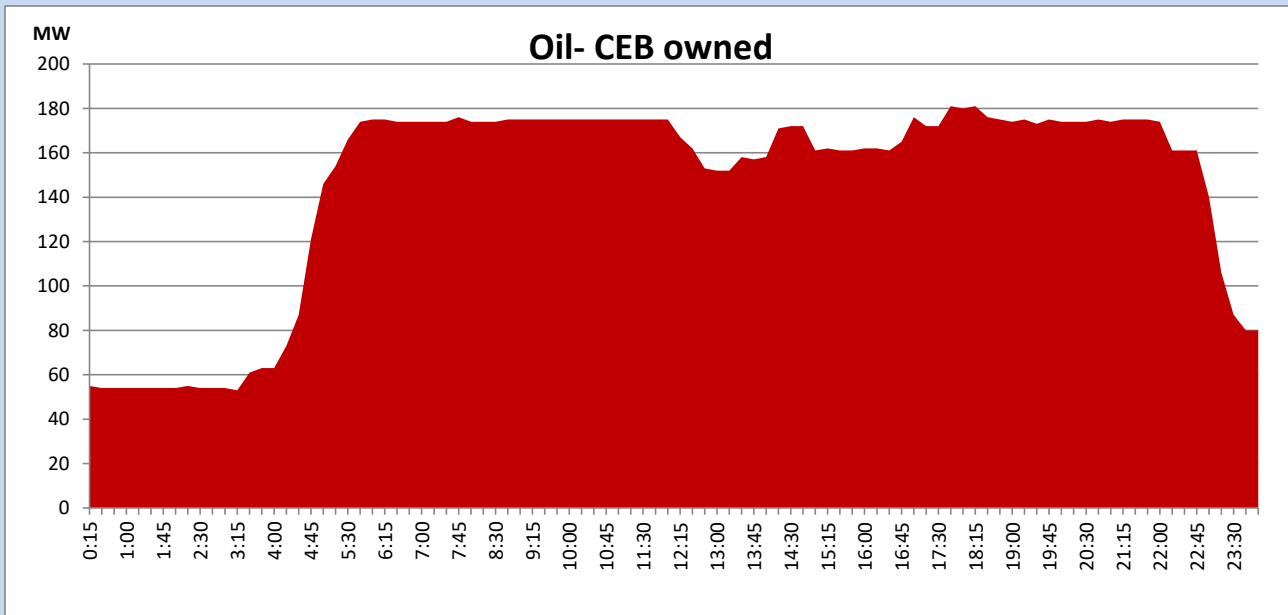
Coal Generation during

February 13, 2023



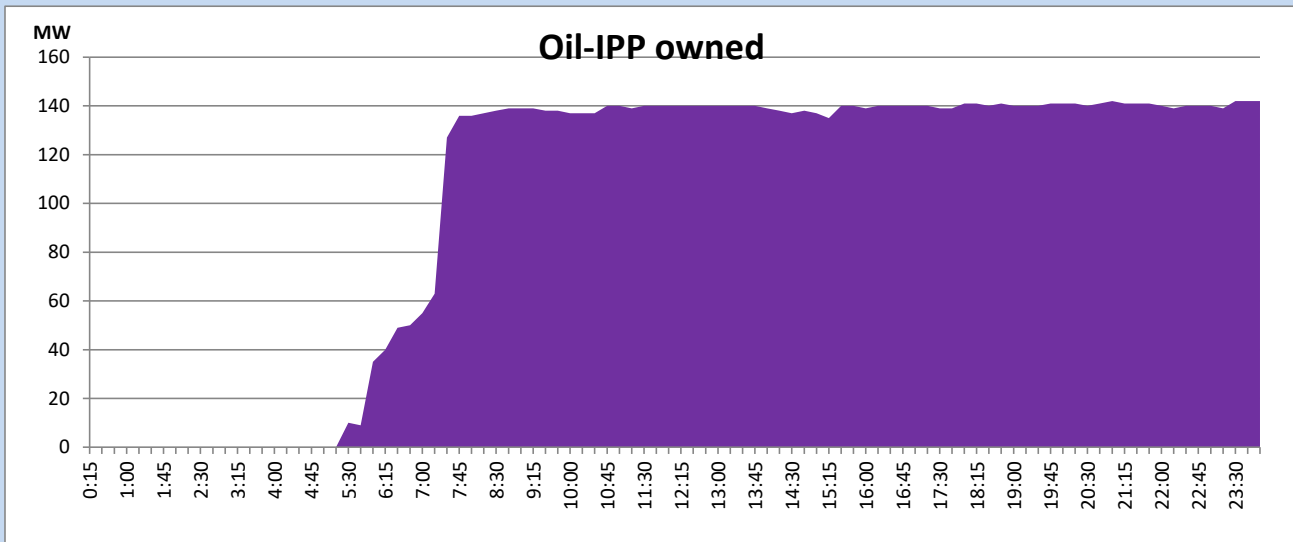
CEB Oil Plant Generation during

February 13, 2023



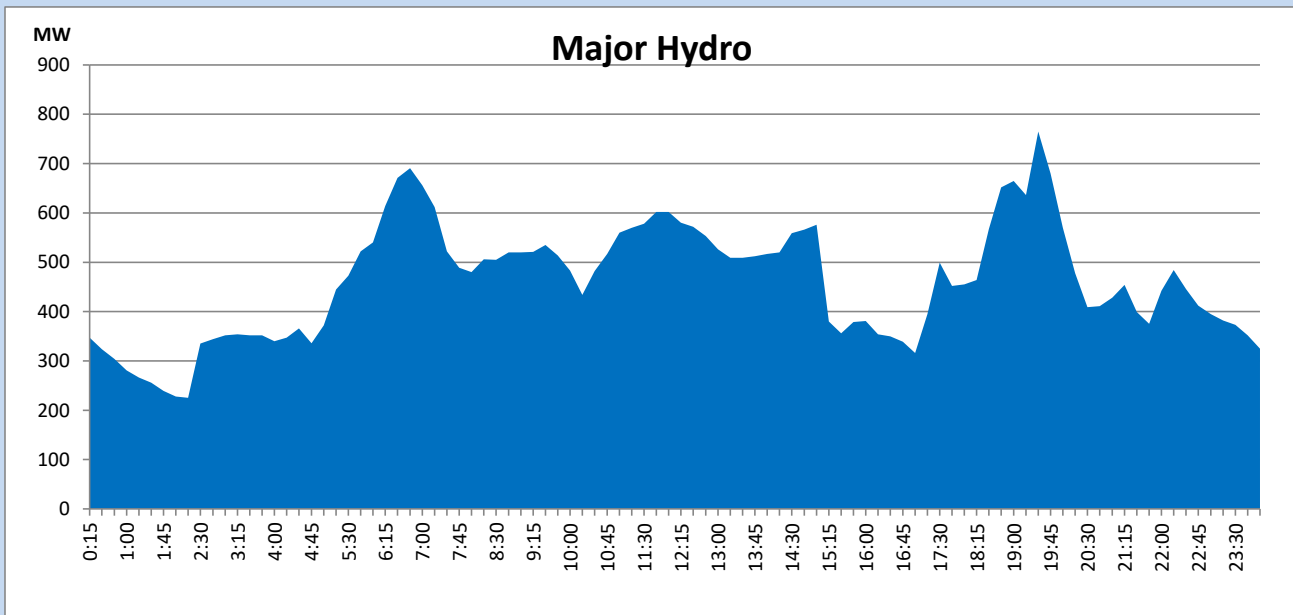
IPP Oil Plant Generation during

February 13, 2023



Major Hydro Generation during

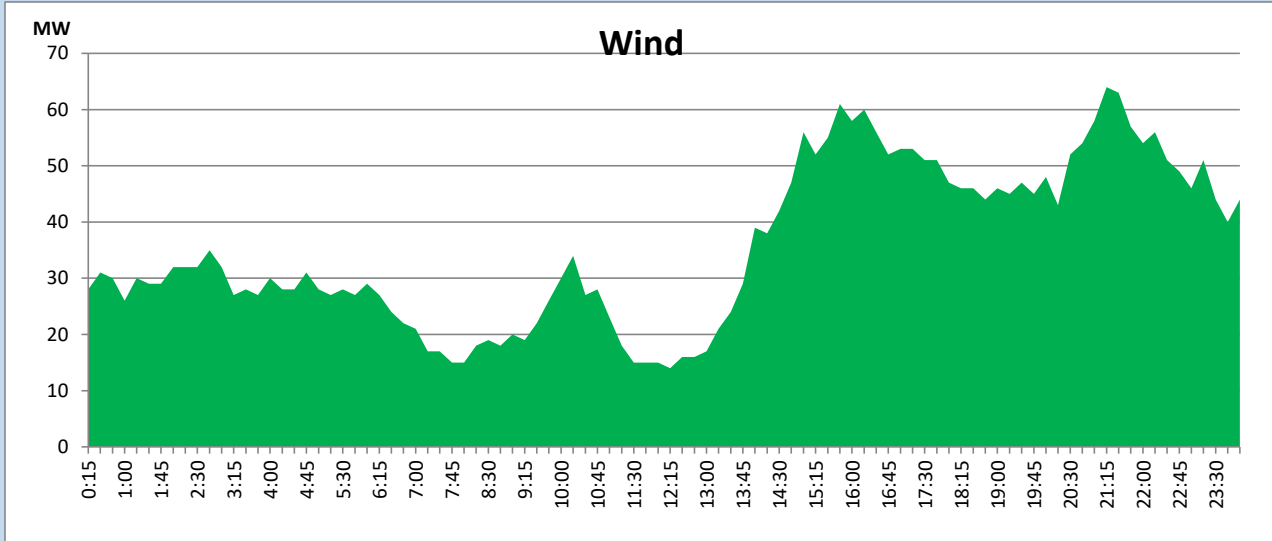
February 13, 2023



Wind Generation during

February 13, 2023

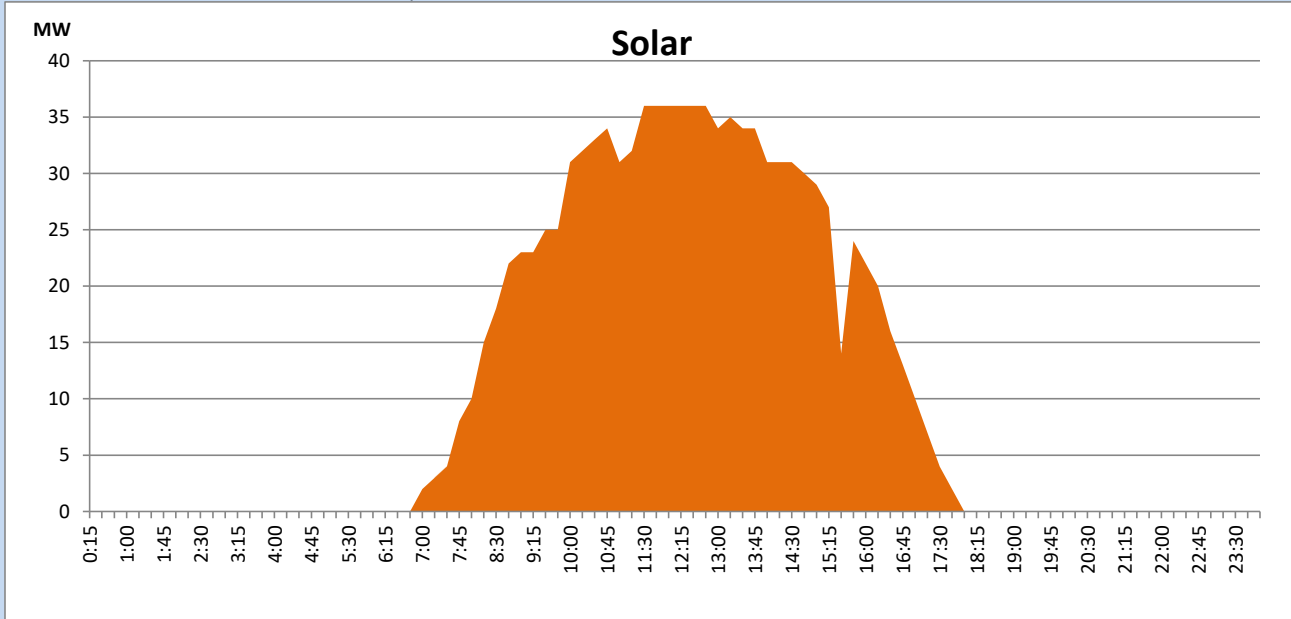
Based on Telemetered Power Stations only



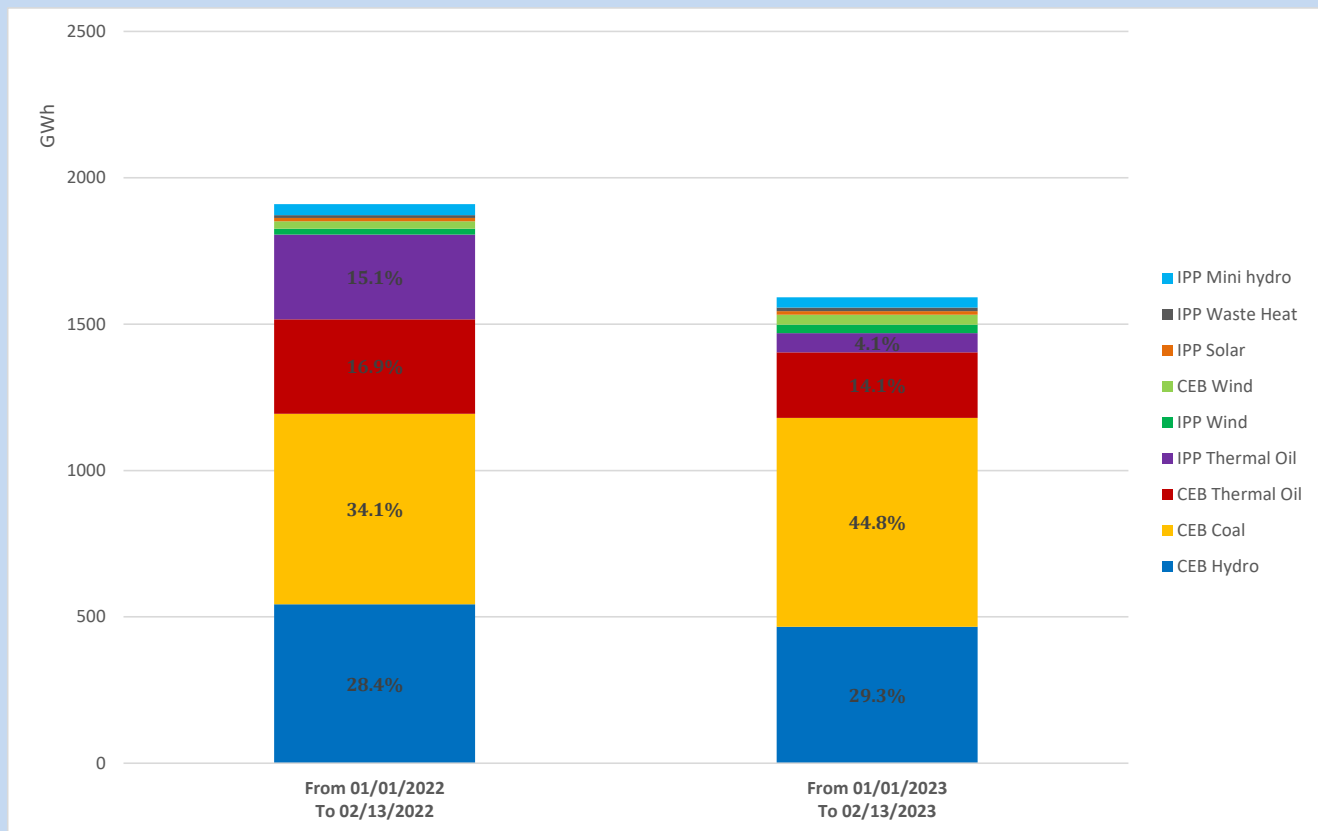
Solar Generation during

February 13, 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 13, 2023

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