

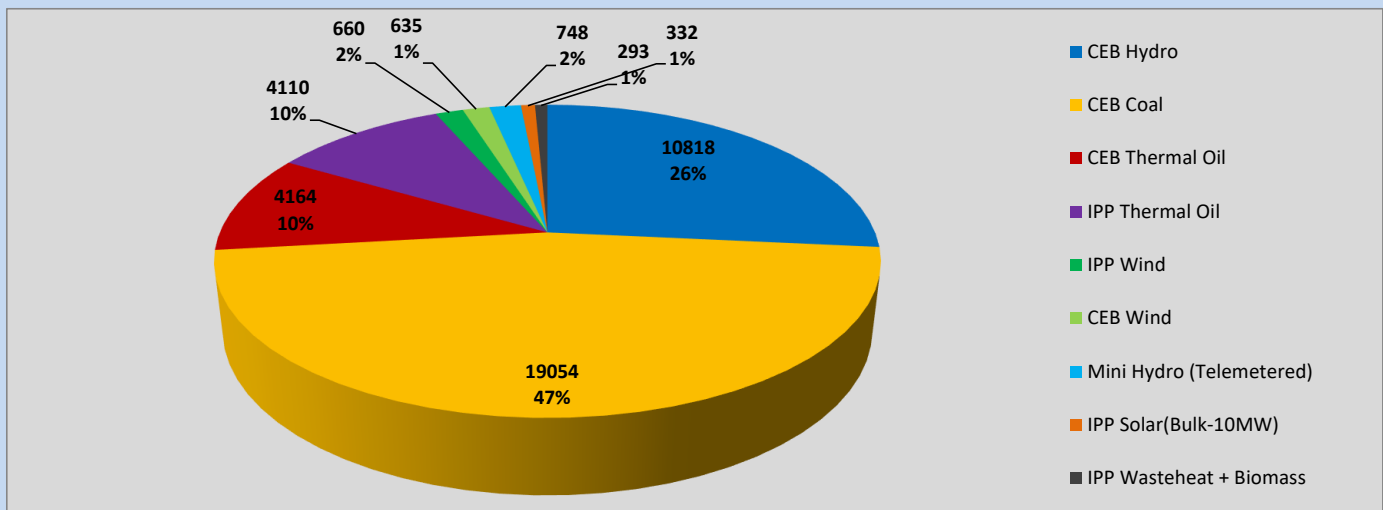
Generation and Reservoirs Statistics

February 16, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =

40,814 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh
 Estimated Mini Hydro (Non telemetered) = 1132 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

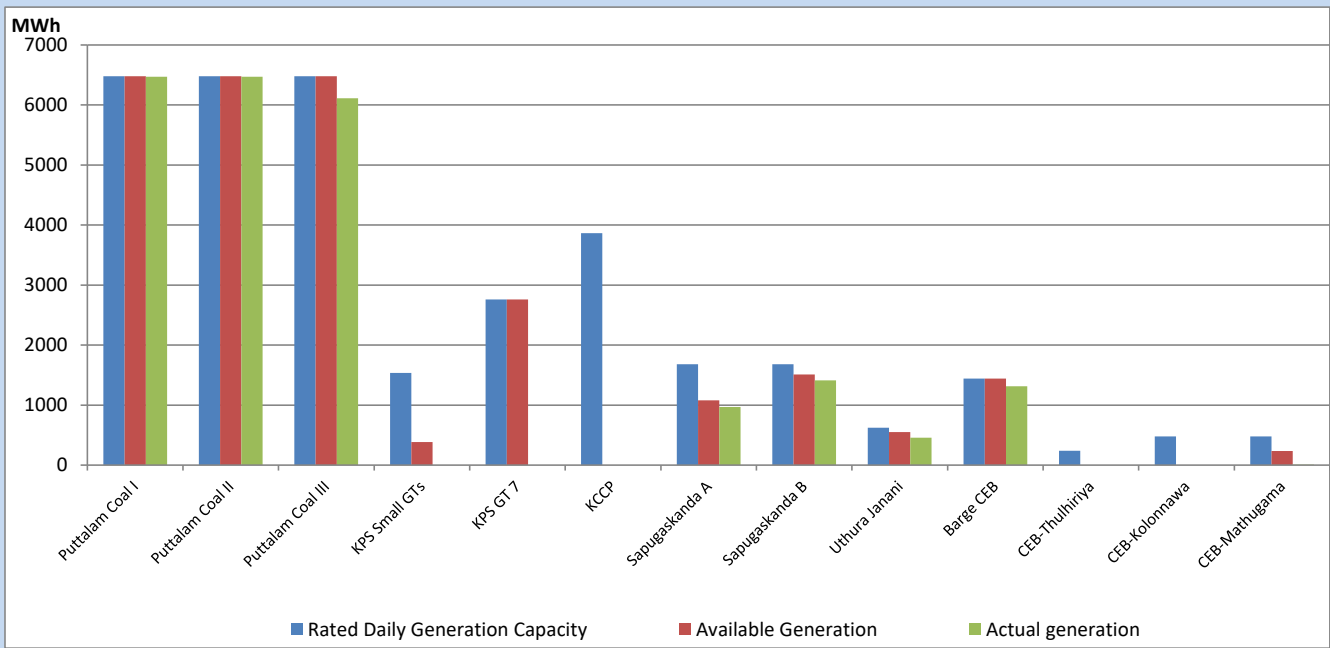
Category	Dispatch (GWh)	Percentage
CEB Hydro	169	28.23%
CEB Coal	305	50.96%
CEB Thermal Oil	63	10.56%
IPP Thermal	21	3.47%
SPP Wind	9	1.48%
CEB Wind	11	1.86%
Mini Hydro (Telemetered)	11	1.81%
IPP Solar(Bulk-10MW)	5	0.78%
IPP Wasteheat + BMP	5	0.85%
Total	598	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	499	29.12%
CEB Coal	772	45.06%
CEB Thermal Oil	236	13.78%
IPP Thermal	77	4.47%
SPP Wind	30	1.75%
CEB Wind	36	2.12%
Mini Hydro (Telemetered)	38	2.22%
IPP Solar(Bulk-10MW)	13	0.76%
IPP Wasteheat	13	0.74%
Total	1,713	

CEB owned Thermal Plant Dispatch

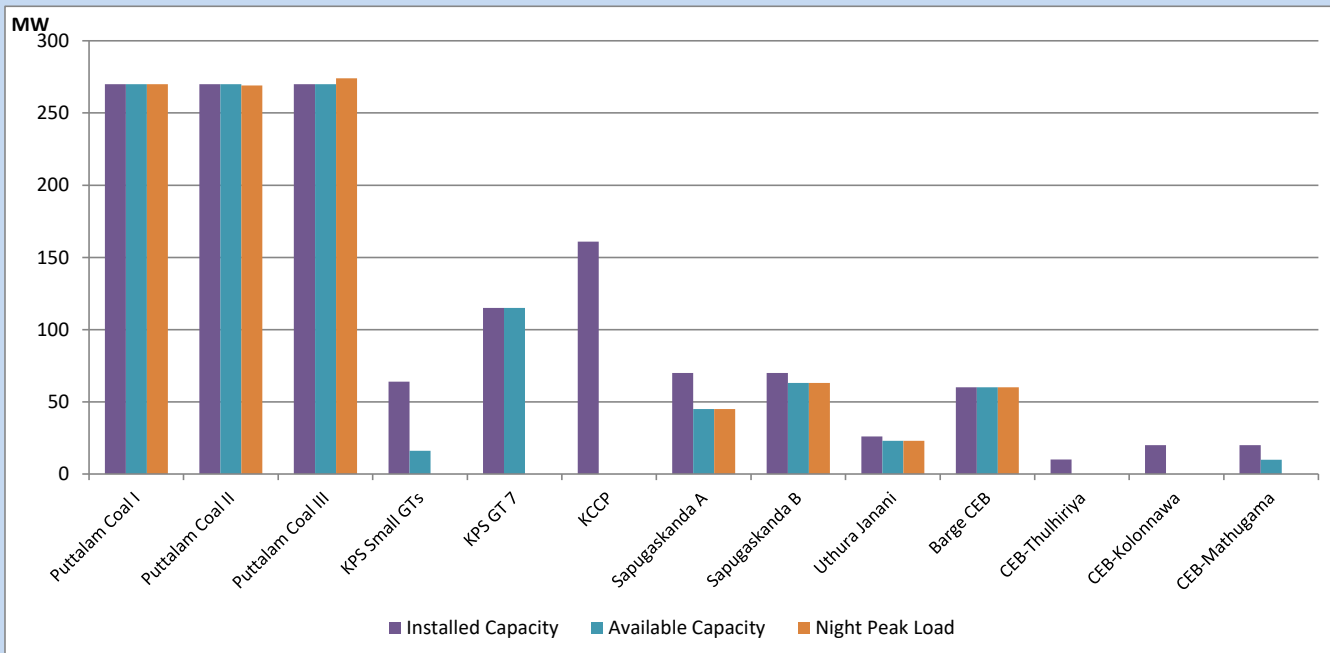
February 16, 2023



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

February 17, 2023

CEB owned Thermal Plant Loading at the Night Peak

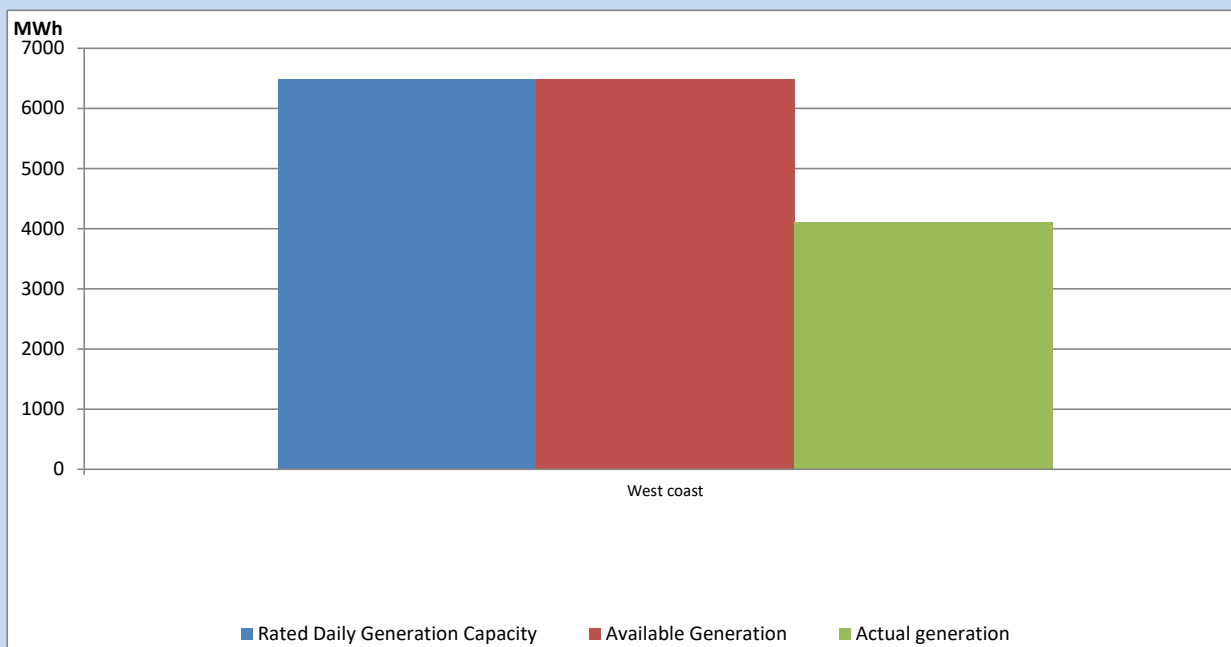


Note- Plant availability is recorded at 6.00 am on

February 17, 2023

IPP owned Thermal Plant Dispatch

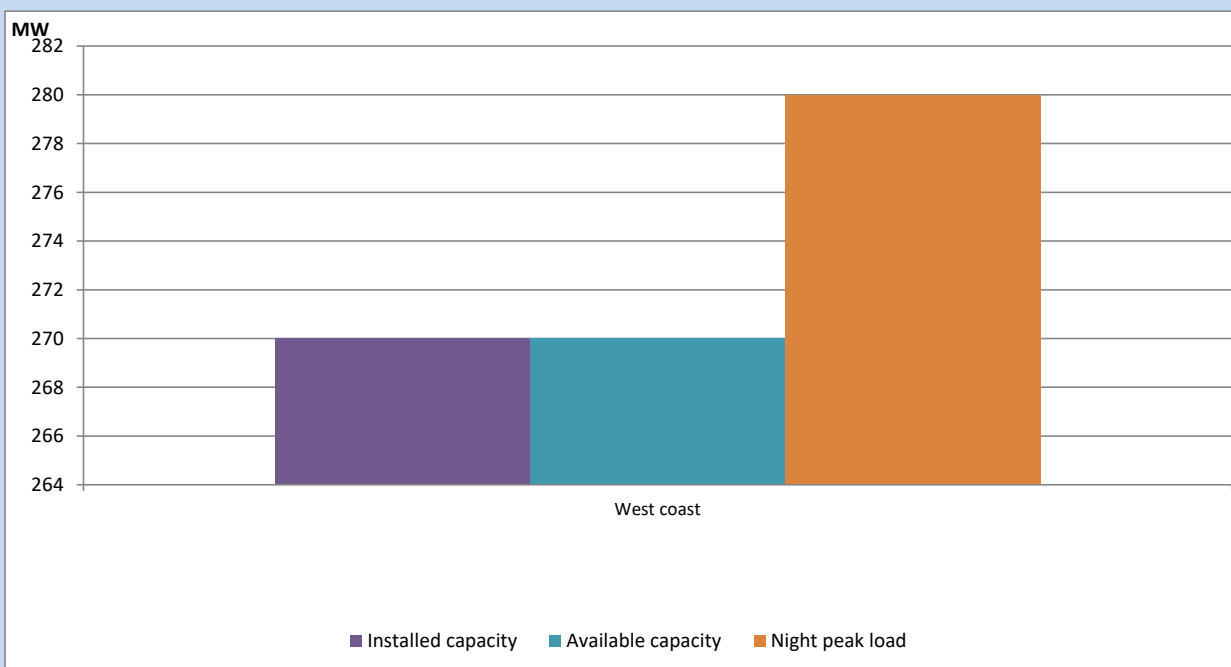
February 16, 2023



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

February 17, 2023

IPP owned Thermal Plant Loading at the Night Peak

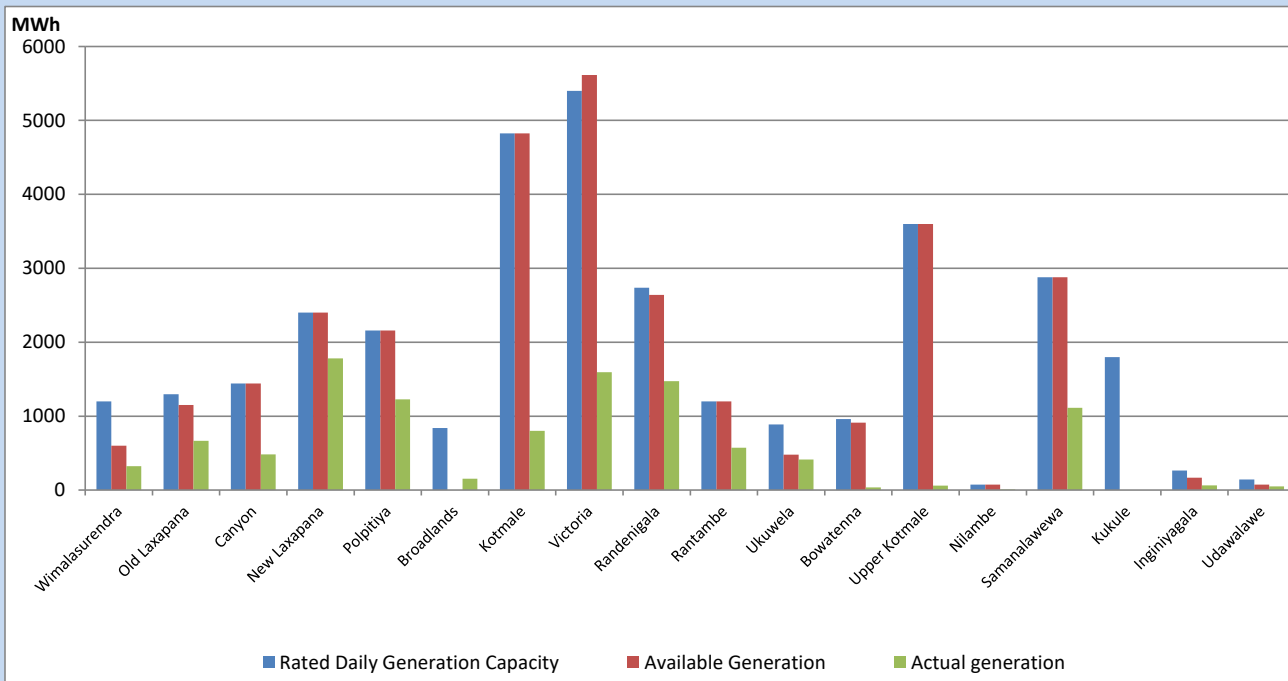


Note- Plant availability is recorded at 6.00 am on

February 17, 2023

Major Hydro Plant Dispatch

February 16, 2023

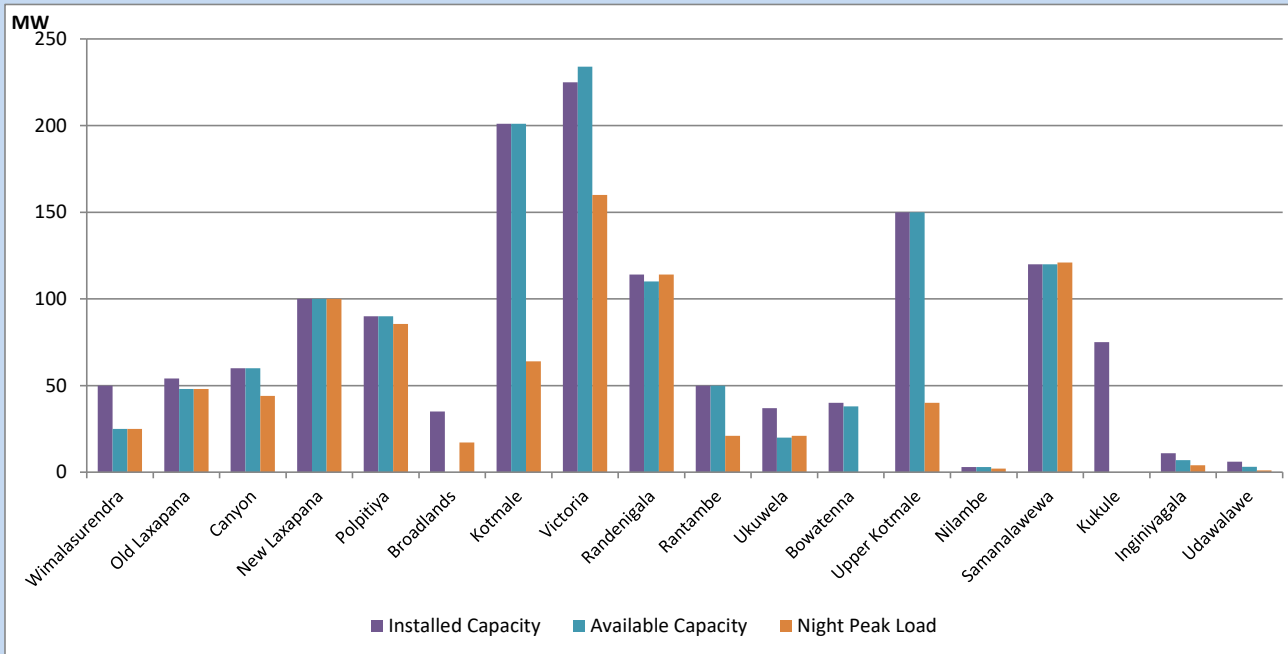


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

February 17, 2023

Major Hydro Plant Loading at Night Peak

February 16, 2023



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

February 17, 2023

Summary of Major Plant performance

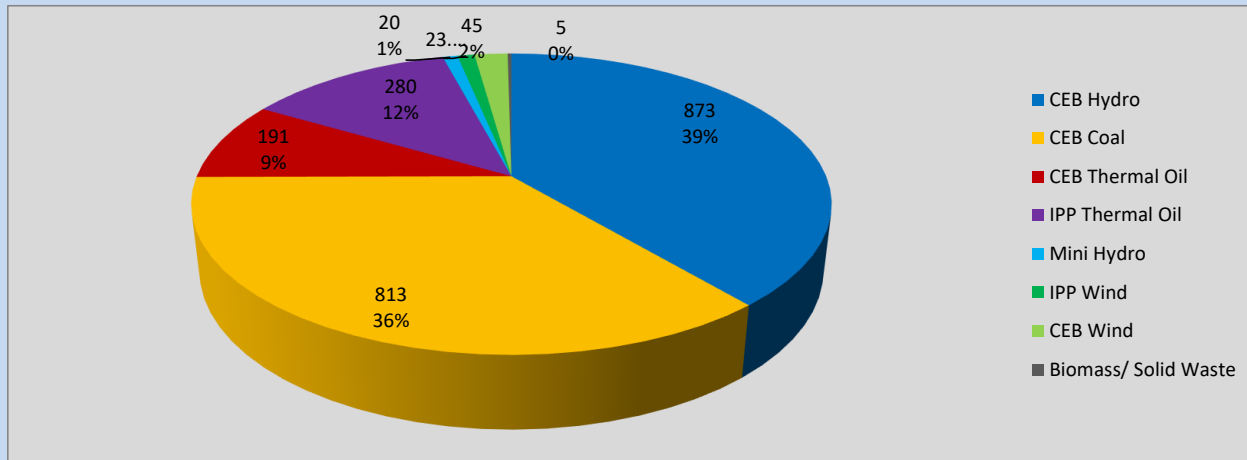
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	324
Old Laxapana	54	48	48	666
Canyon	60	60	44	481
New Laxapana	100	100	100	1,781
Polpitiya	90	90	86	1,228
Broadlands	35	0	17	155
Kotmale	201	201	64	800
Victoria	225	234	160	1,595
Randenigala	114	110	114	1,474
Rantambe	50	50	21	574
Ukuwela	37	20	21	413
Bowatenna	40	38	0	34
Upper Kotmale	150	150	40	59
Nilambe	3	3	2	9
Samanalawewa	120	120	121	1,112
Kukule	75	0	0	0
Inginiyagala	11	7	4	65
Udawalawe	6	3	1	48
Puttalam Coal I	270	270	270	6,472
Puttalam Coal II	270	270	269	6,469
Puttalam Coal III	270	270	274	6,113
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	45	45	967
Sapugaskanda B	70	63	63	1,414
Uthura Janani	26	23	23	458
Barge CEB	60	60	60	1,315
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	10	0	10
ACE Matara	24	0	0	0
Asia Power	50	0	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	280	4,110
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,671	2,245	40,814

Plant availability is the availability recorded at 6 am on

February 17, 2023

Contribution to the Night Peak in MW

February 16, 2023

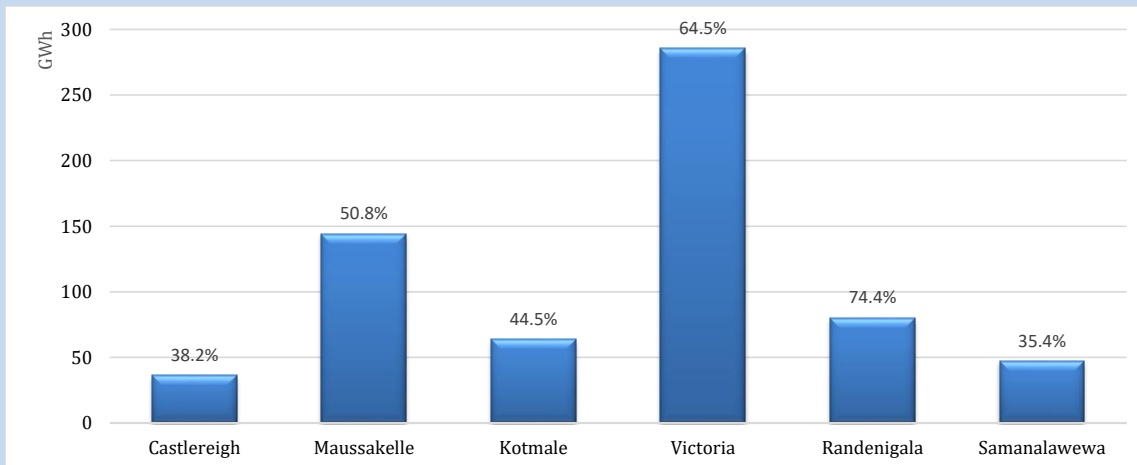


Night Peak*	2,250 MW
Day Peak	1,929 MW
Minimum Demand	1,232 MW

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

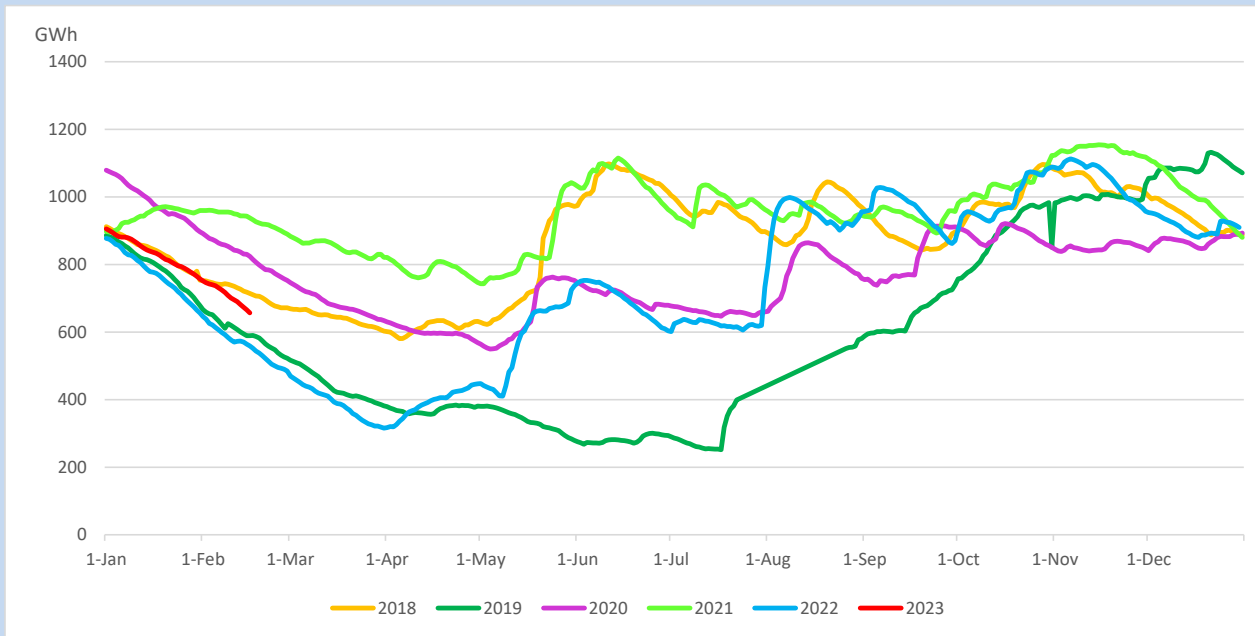
Reservoir Levels -

as at 06.00 Hr on February 17, 2023

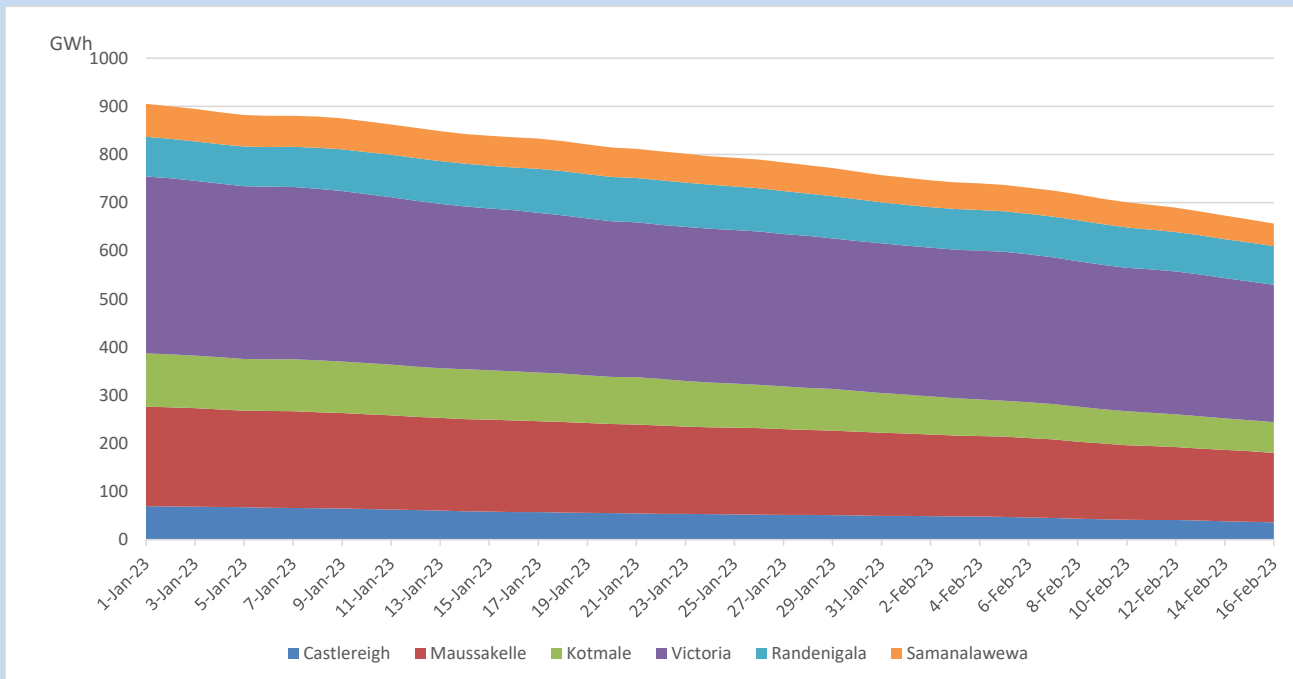


Total Reservoir Level	656.7 GWh
% of Total capacity	54.5%

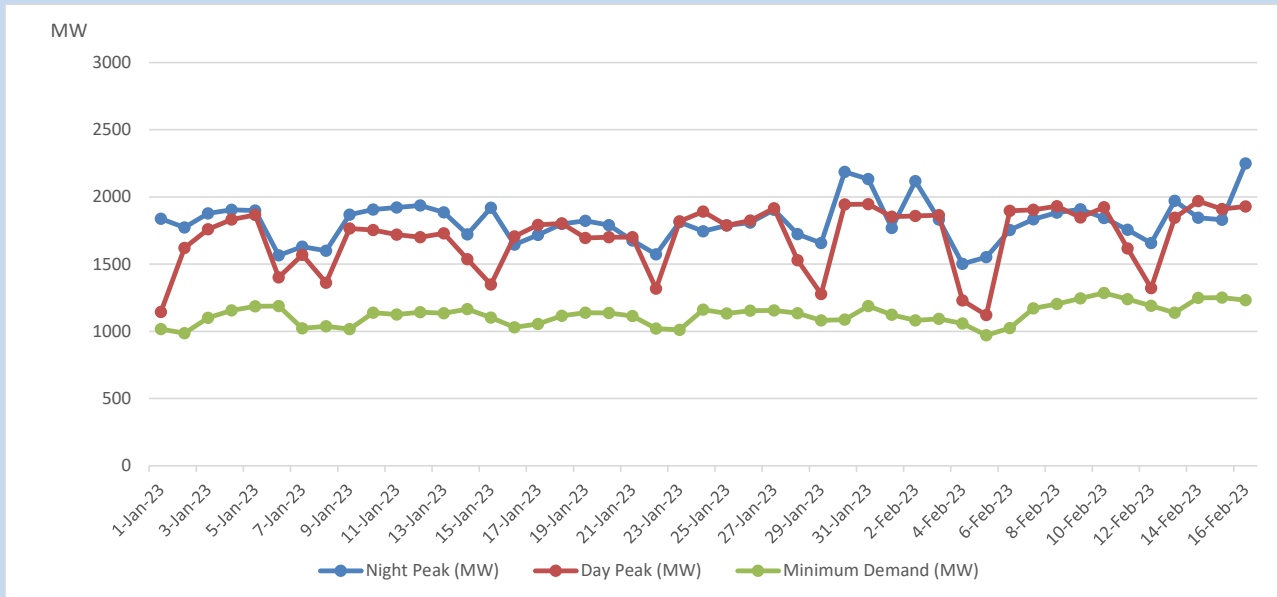
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

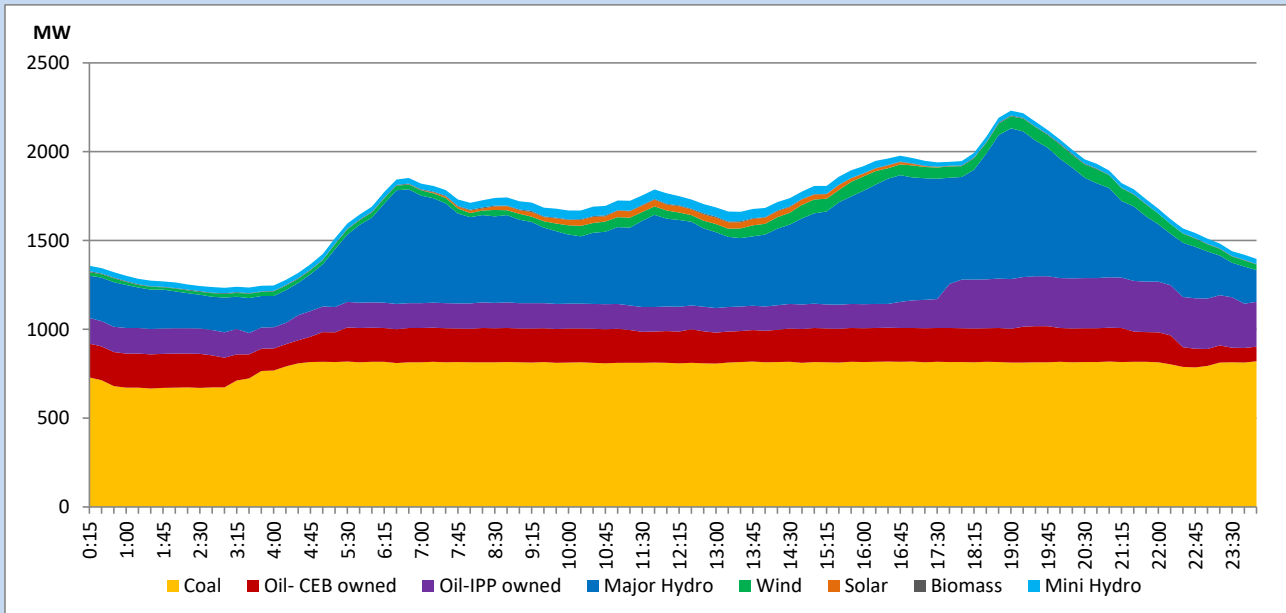


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

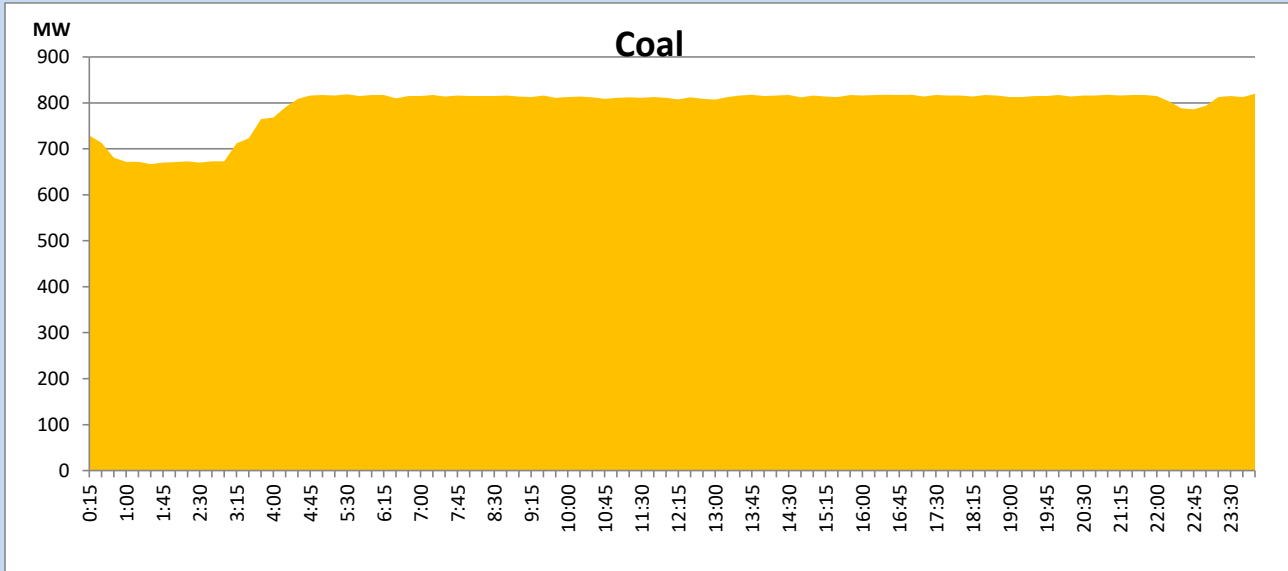
February 16, 2023

Solar and wind data is based on Telemetered Power Stations only



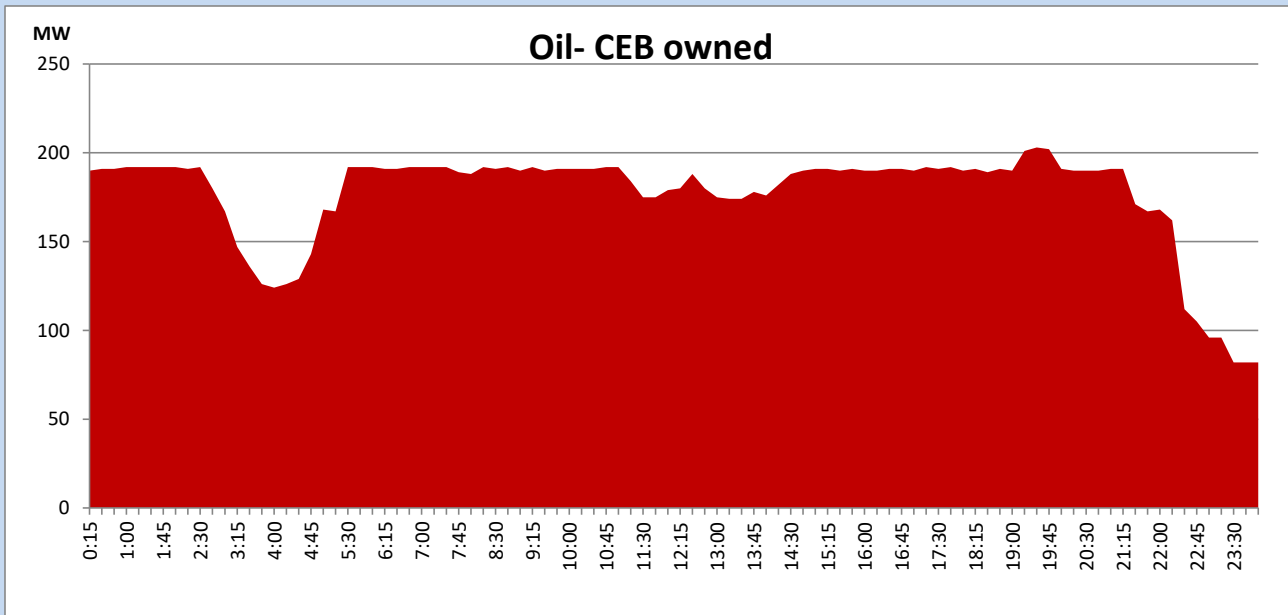
Coal Generation during

February 16, 2023



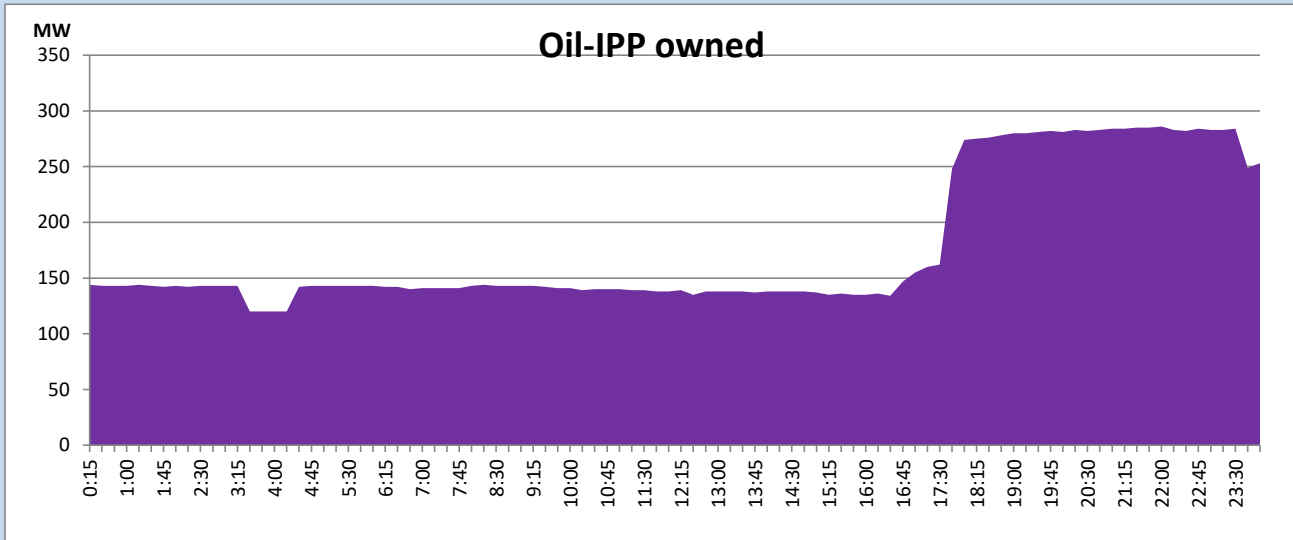
CEB Oil Plant Generation during

February 16, 2023



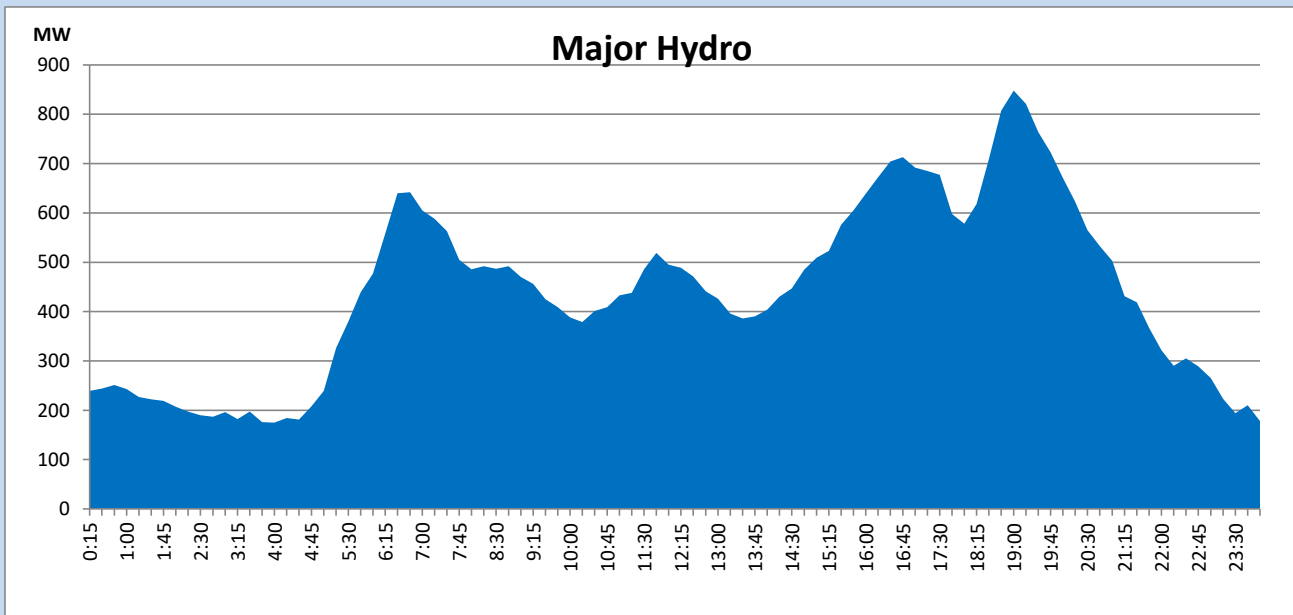
IPP Oil Plant Generation during

February 16, 2023



Major Hydro Generation during

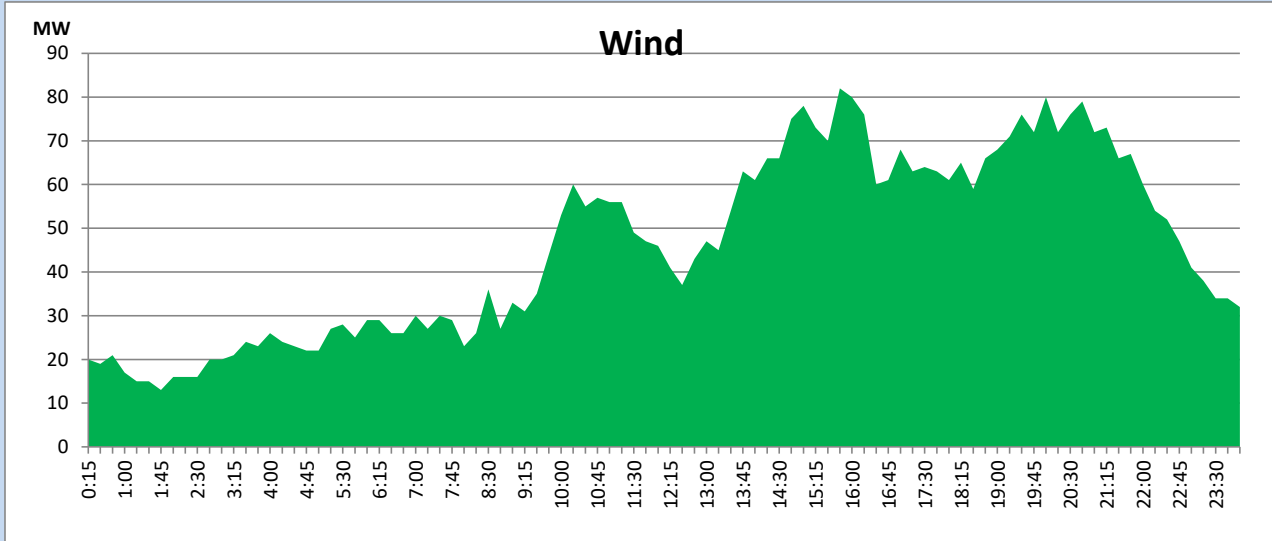
February 16, 2023



Wind Generation during

February 16, 2023

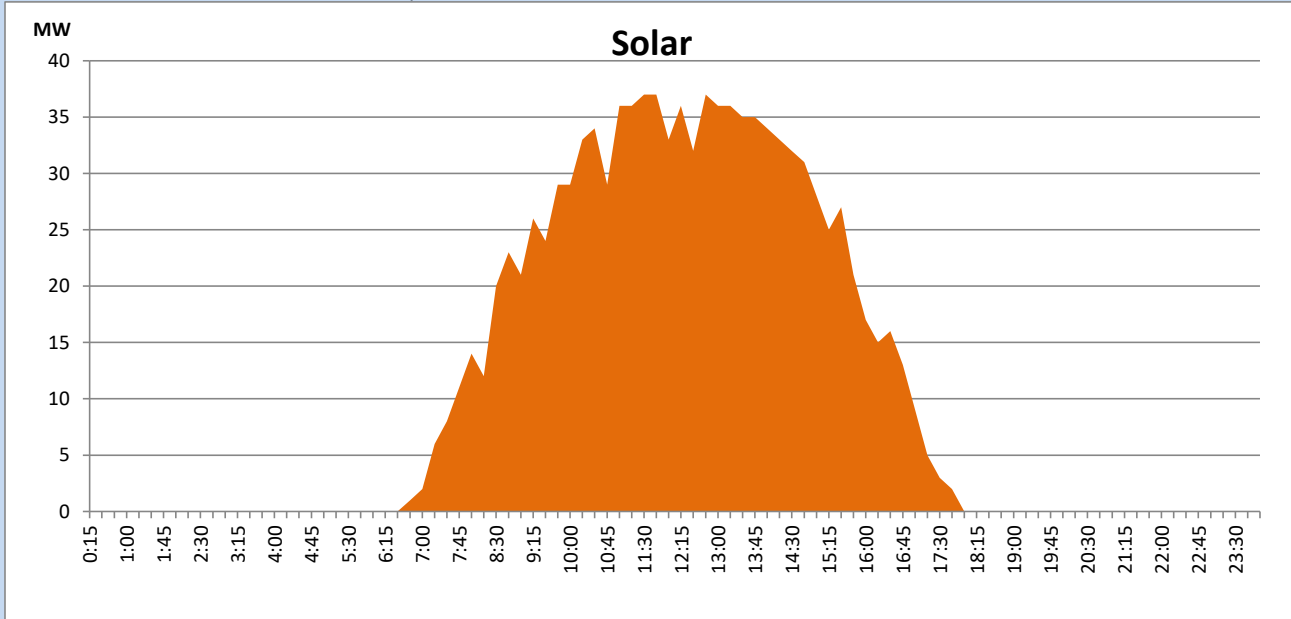
Based on Telemetered Power Stations only



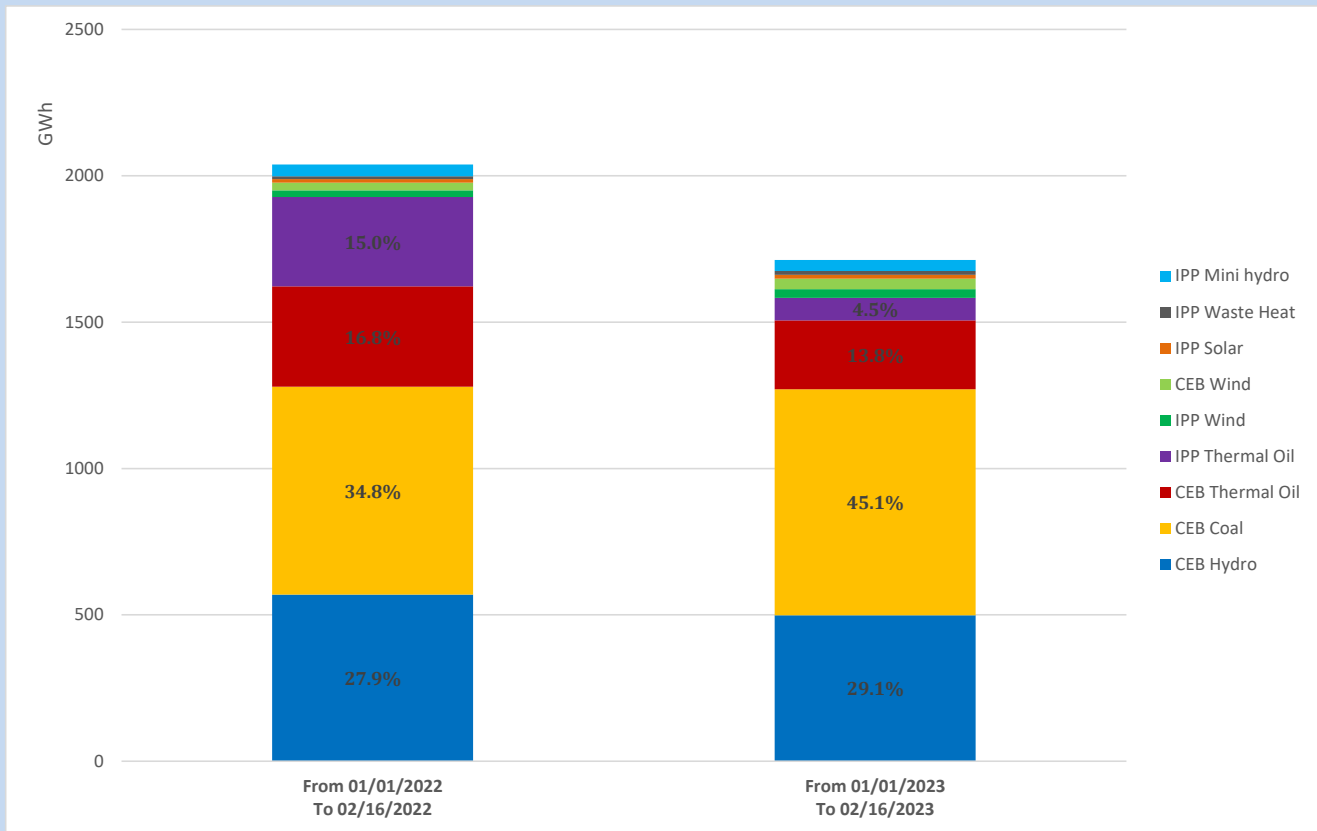
Solar Generation during

February 16, 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 16, 2023

Nil.