

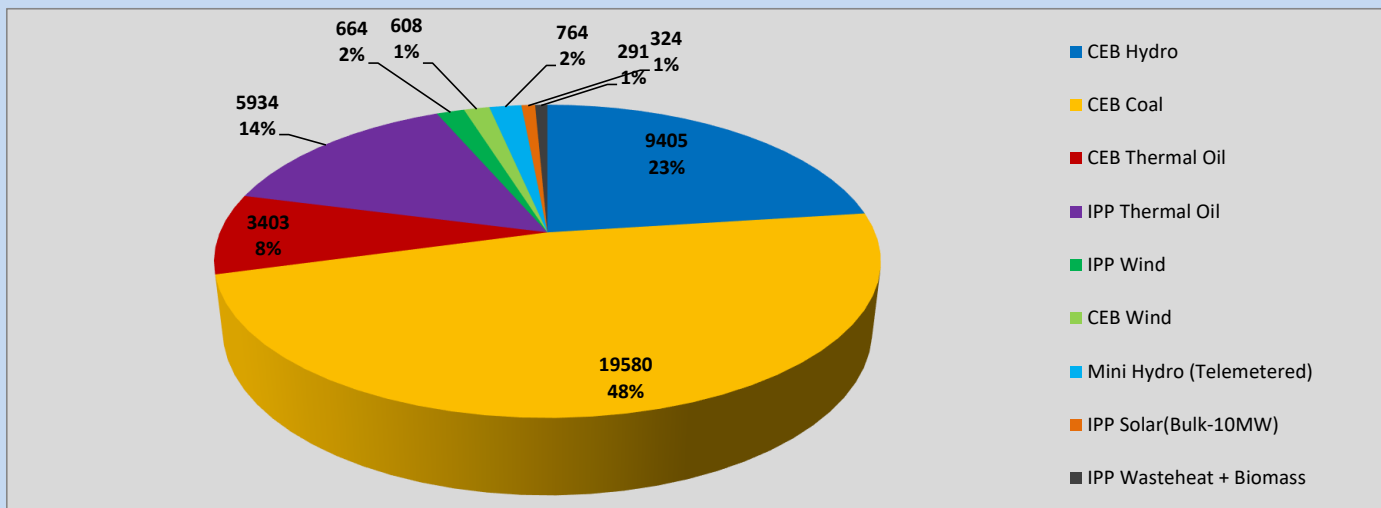
Generation and Reservoirs Statistics

February 17, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =

40,973 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh
 Estimated Mini Hydro (Non telemetered) = 1117 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

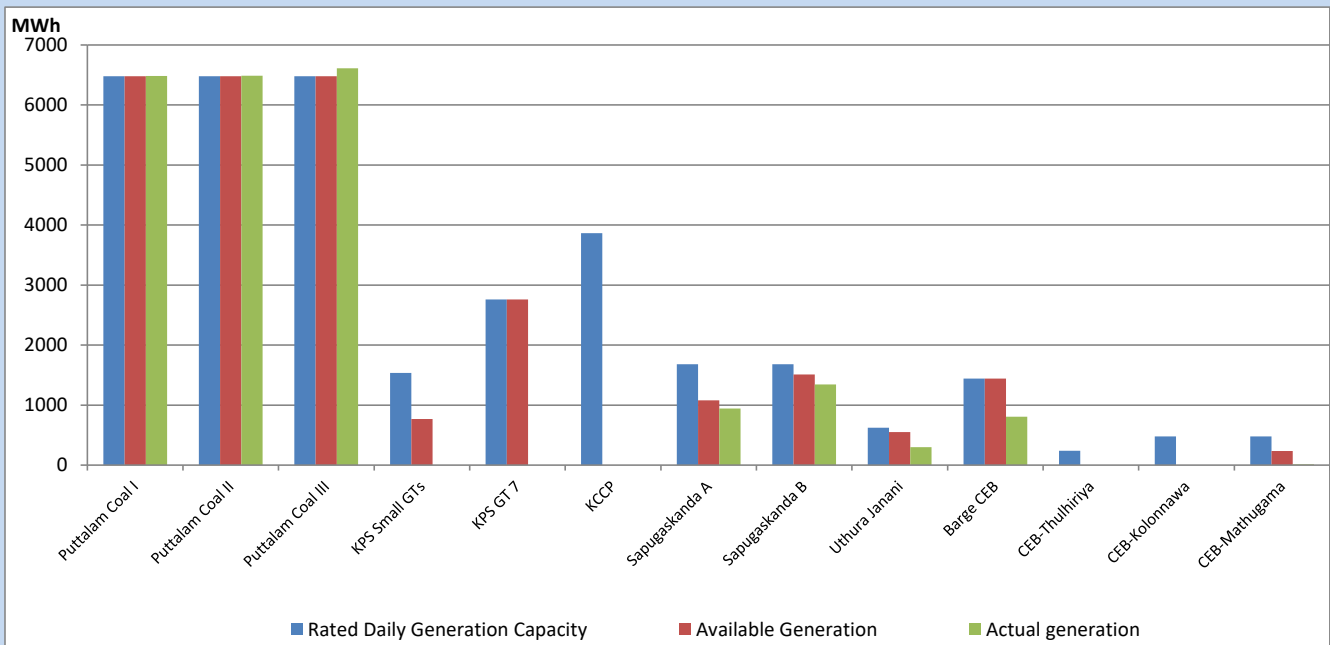
Category	Dispatch (GWh)	Percentage
CEB Hydro	178	27.89%
CEB Coal	324	50.76%
CEB Thermal Oil	67	10.42%
IPP Thermal	27	4.17%
SPP Wind	10	1.49%
CEB Wind	12	1.84%
Mini Hydro (Telemetered)	12	1.82%
IPP Solar(Bulk-10MW)	5	0.78%
IPP Wasteheat + BMP	5	0.84%
Total	639	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	508	28.97%
CEB Coal	791	45.12%
CEB Thermal Oil	239	13.65%
IPP Thermal	82	4.70%
SPP Wind	31	1.74%
CEB Wind	37	2.10%
Mini Hydro (Telemetered)	39	2.21%
IPP Solar(Bulk-10MW)	13	0.76%
IPP Wasteheat	13	0.74%
Total	1,753	

CEB owned Thermal Plant Dispatch

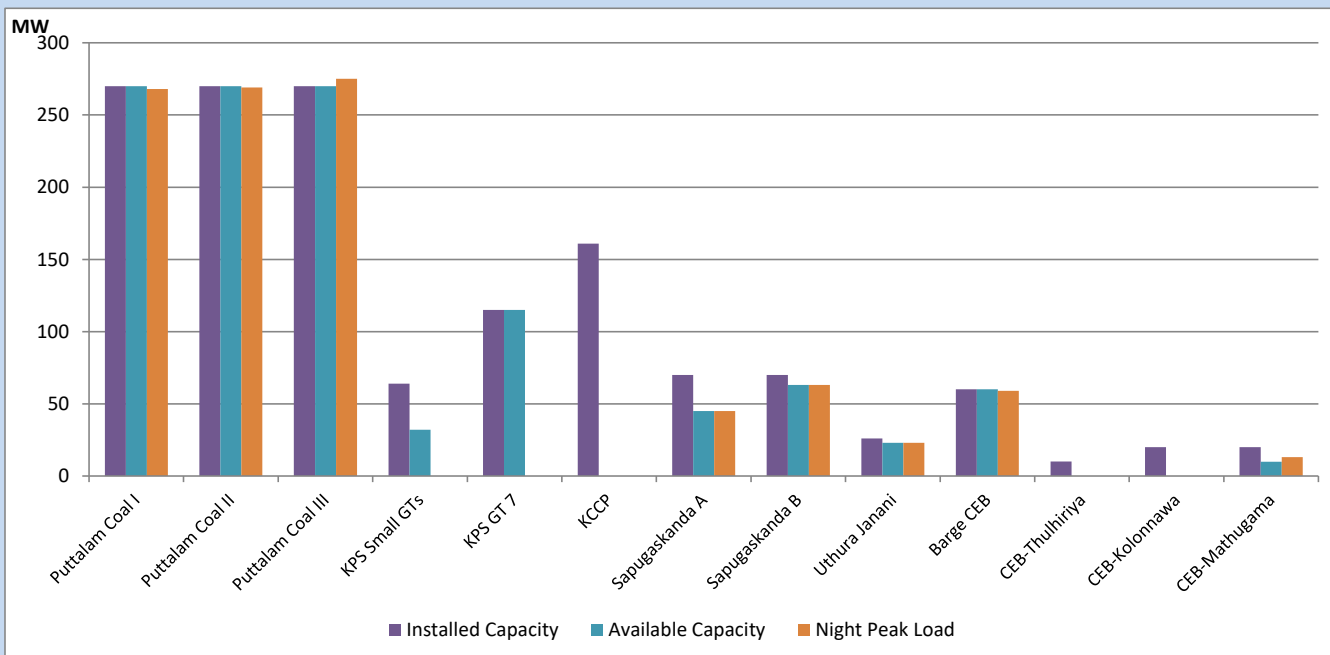
February 17, 2023



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

February 18, 2023

CEB owned Thermal Plant Loading at the Night Peak

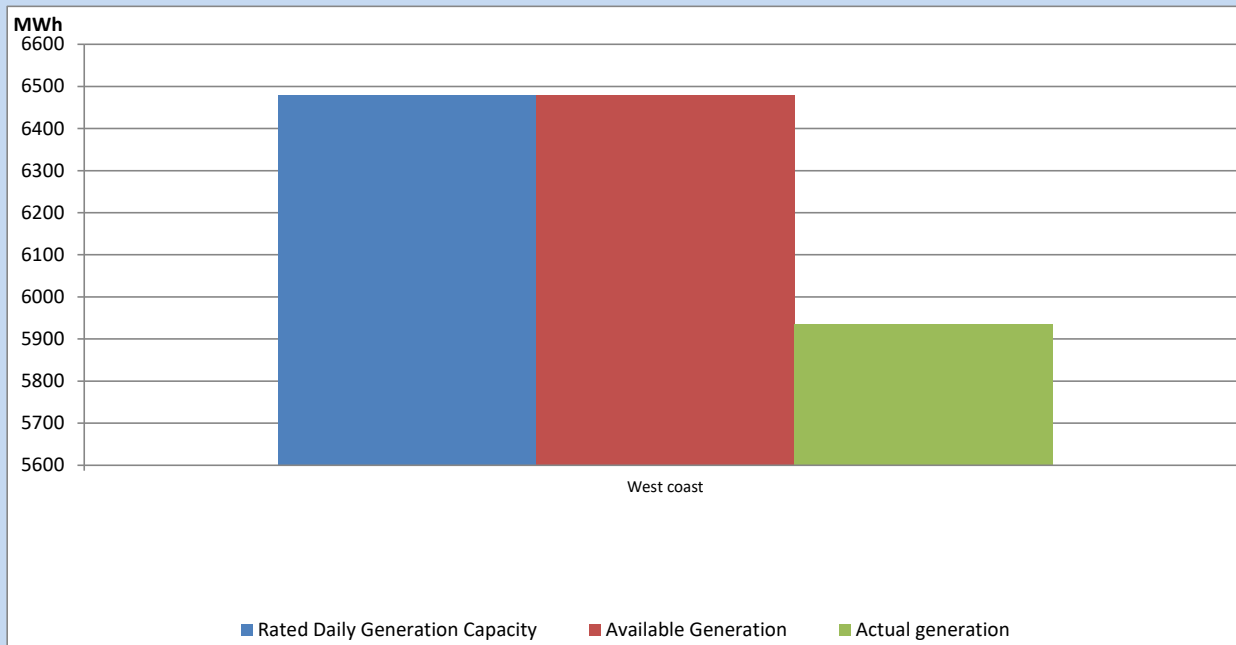


Note- Plant availability is recorded at 6.00 am on

February 18, 2023

IPP owned Thermal Plant Dispatch

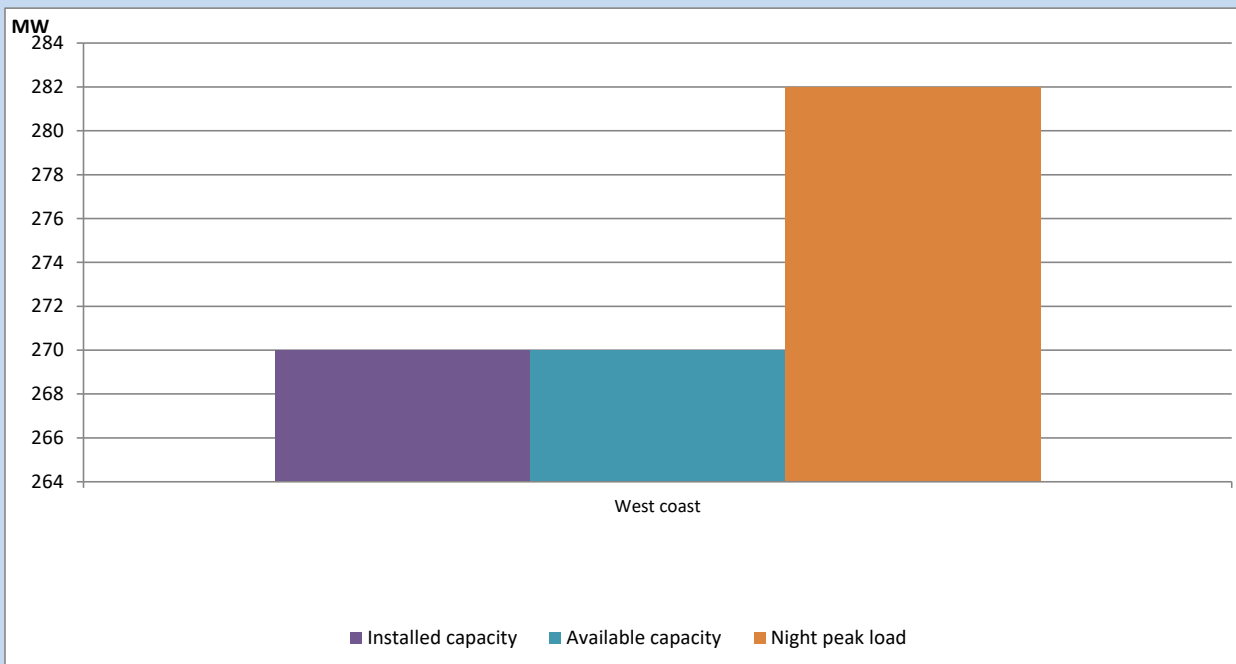
February 17, 2023



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

February 18, 2023

IPP owned Thermal Plant Loading at the Night Peak

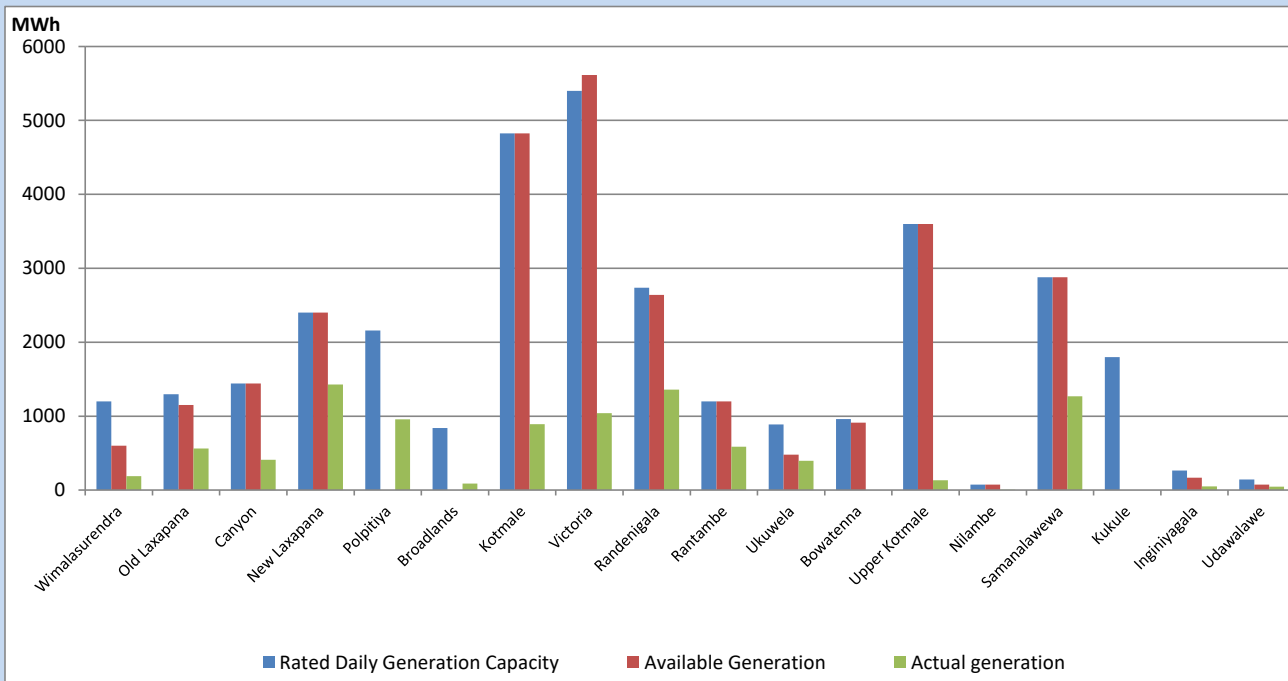


Note- Plant availability is recorded at 6.00 am on

February 18, 2023

Major Hydro Plant Dispatch

February 17, 2023

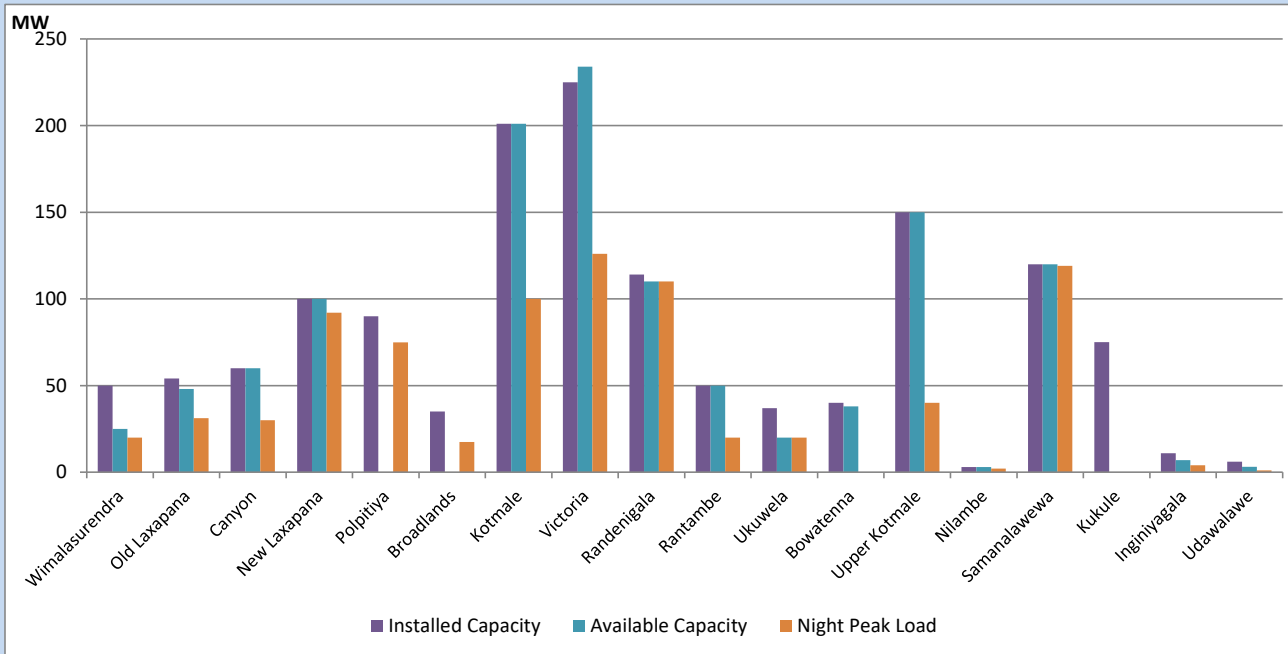


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

February 18, 2023

Major Hydro Plant Loading at Night Peak

February 17, 2023



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

February 18, 2023

Summary of Major Plant performance

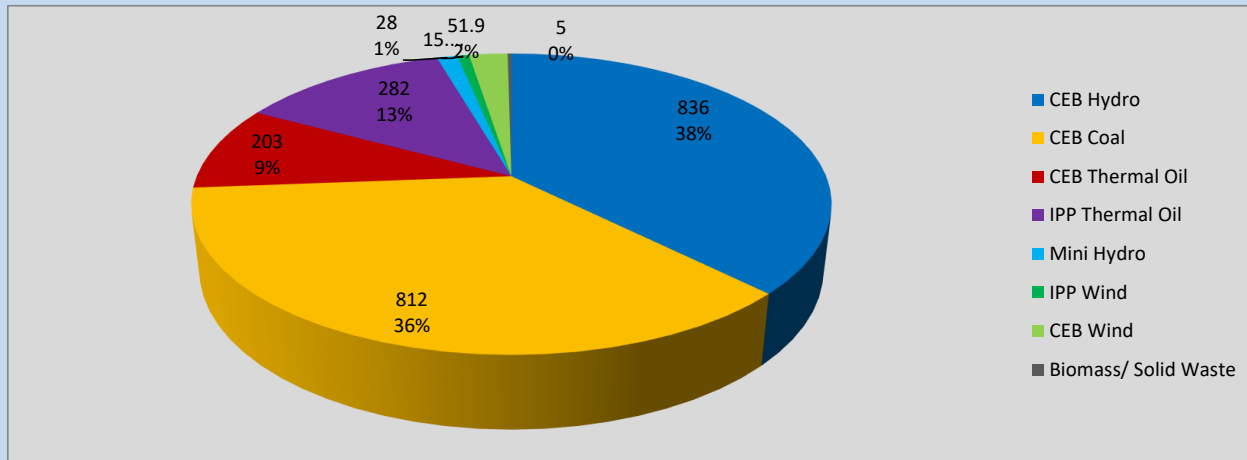
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	20	188
Old Laxapana	54	48	31	563
Canyon	60	60	30	408
New Laxapana	100	100	92	1,428
Polpitiya	90	0	75	958
Broadlands	35	0	17	87
Kotmale	201	201	100	890
Victoria	225	234	126	1,040
Randenigala	114	110	110	1,357
Rantambe	50	50	20	585
Ukuwela	37	20	20	397
Bowatenna	40	38	0	0
Upper Kotmale	150	150	40	133
Nilambe	3	3	2	6
Samanalawewa	120	120	119	1,270
Kukule	75	0	0	0
Inginiyagala	11	7	4	49
Udawalawe	6	3	1	46
Puttalam Coal I	270	270	268	6,482
Puttalam Coal II	270	270	269	6,486
Puttalam Coal III	270	270	275	6,612
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	45	45	941
Sapugaskanda B	70	63	63	1,342
Uthura Janani	26	23	23	301
Barge CEB	60	60	59	805
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	10	13	14
ACE Matara	24	0	0	0
Asia Power	50	0	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	282	5,934
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,597	2,205	40,973

Plant availability is the availability recorded at 6 am on

February 18, 2023

Contribution to the Night Peak in MW

February 17, 2023

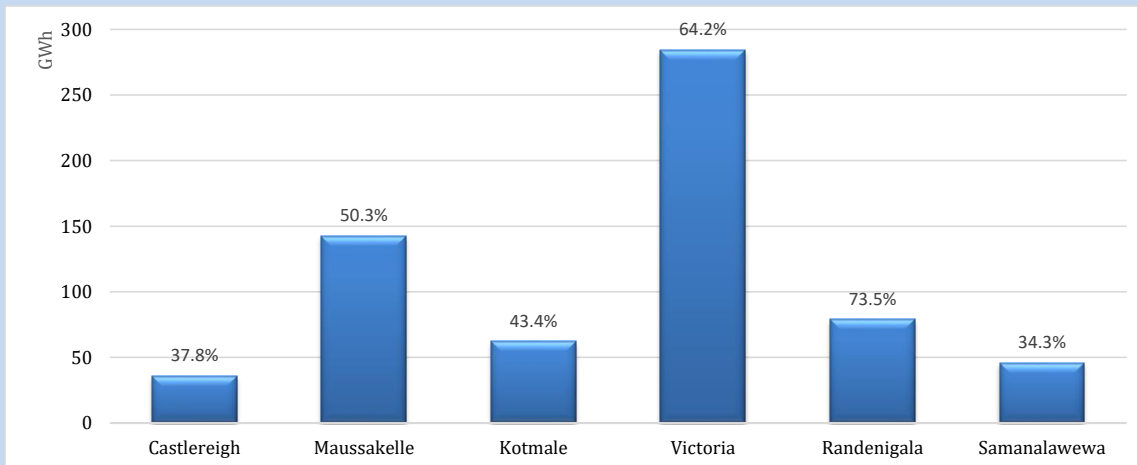


Night Peak*	2,233 MW
Day Peak	1,895 MW
Minimum Demand	1,248 MW

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

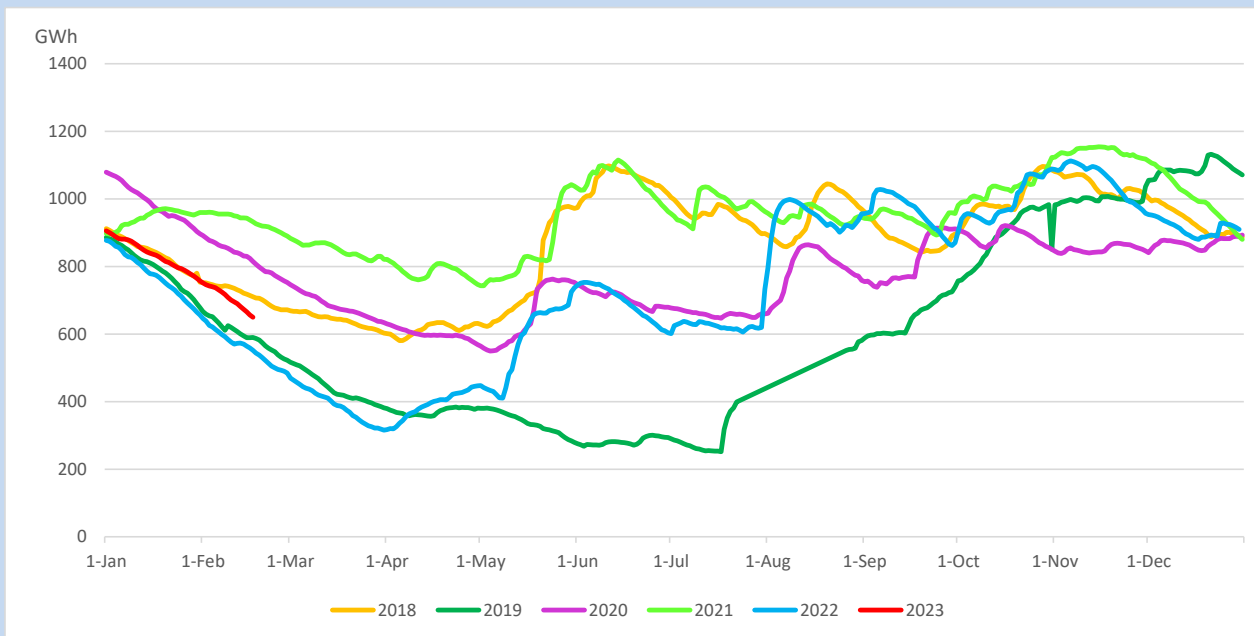
Reservoir Levels -

as at 06.00 Hr on February 18, 2023

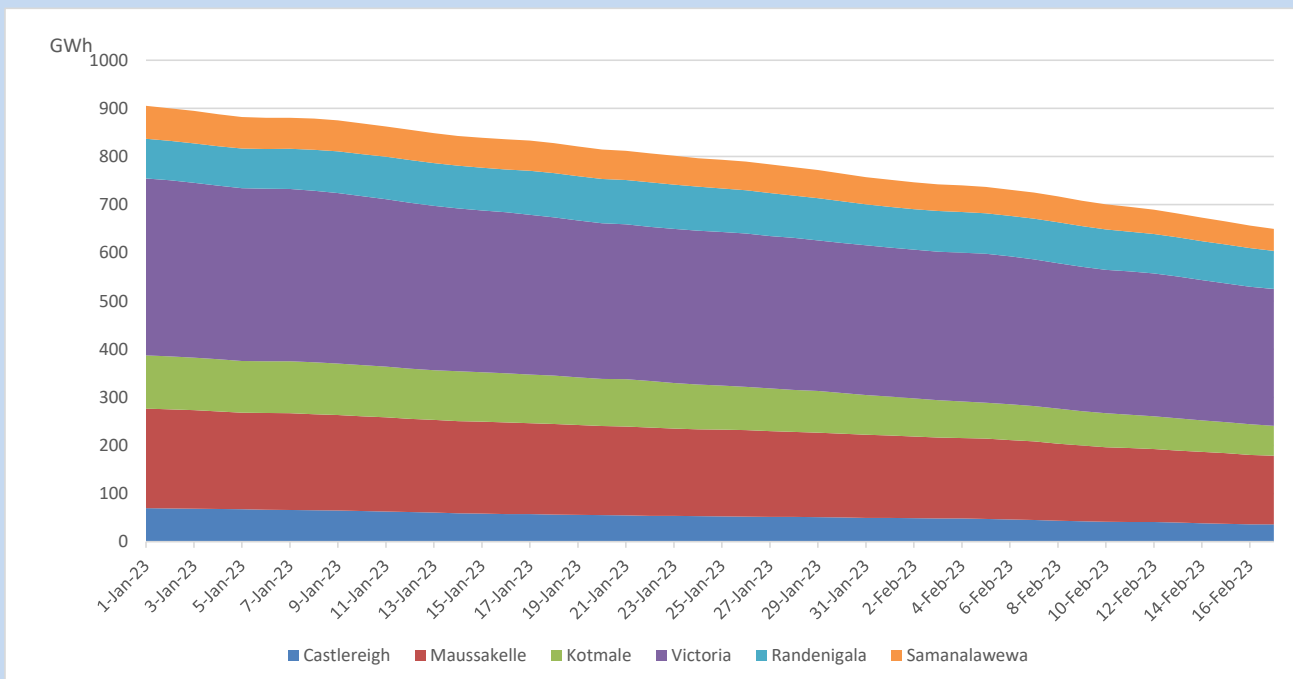


Total Reservoir Level	649.7 GWh
% of Total capacity	53.9%

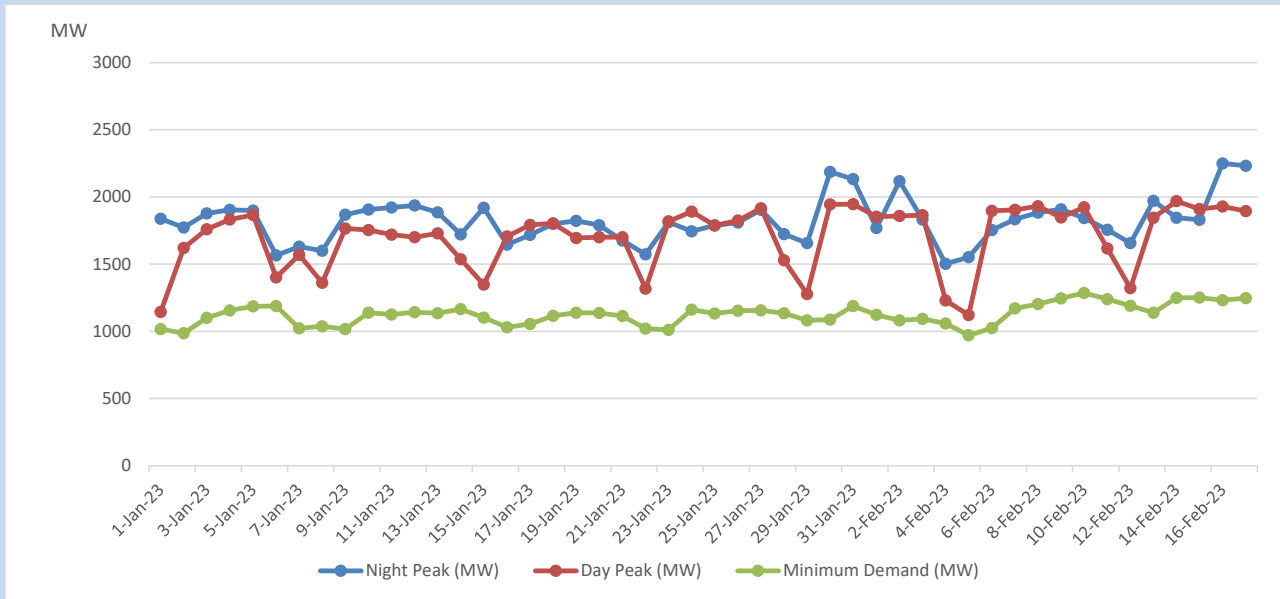
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

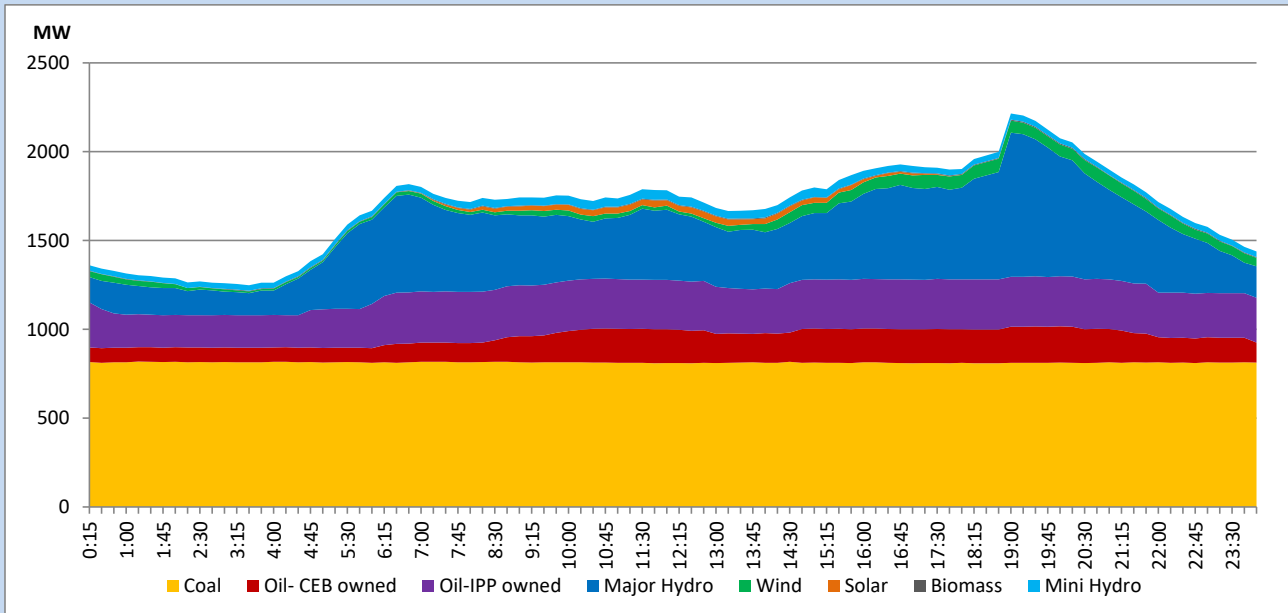


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

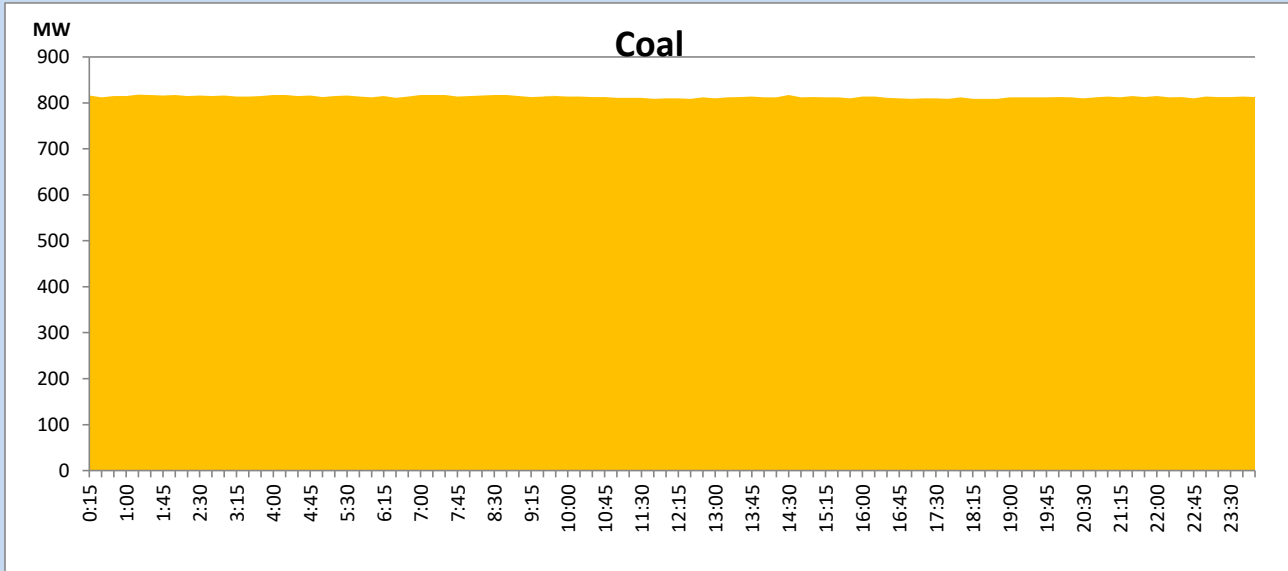
February 17, 2023

Solar and wind data is based on Telemetered Power Stations only



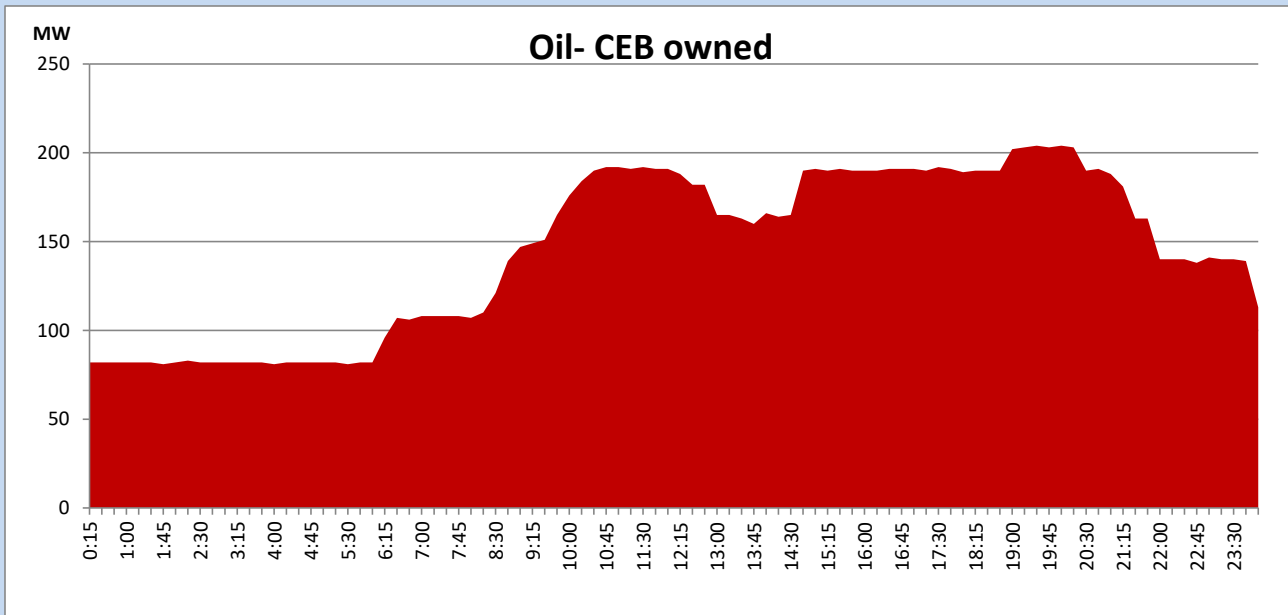
Coal Generation during

February 17, 2023



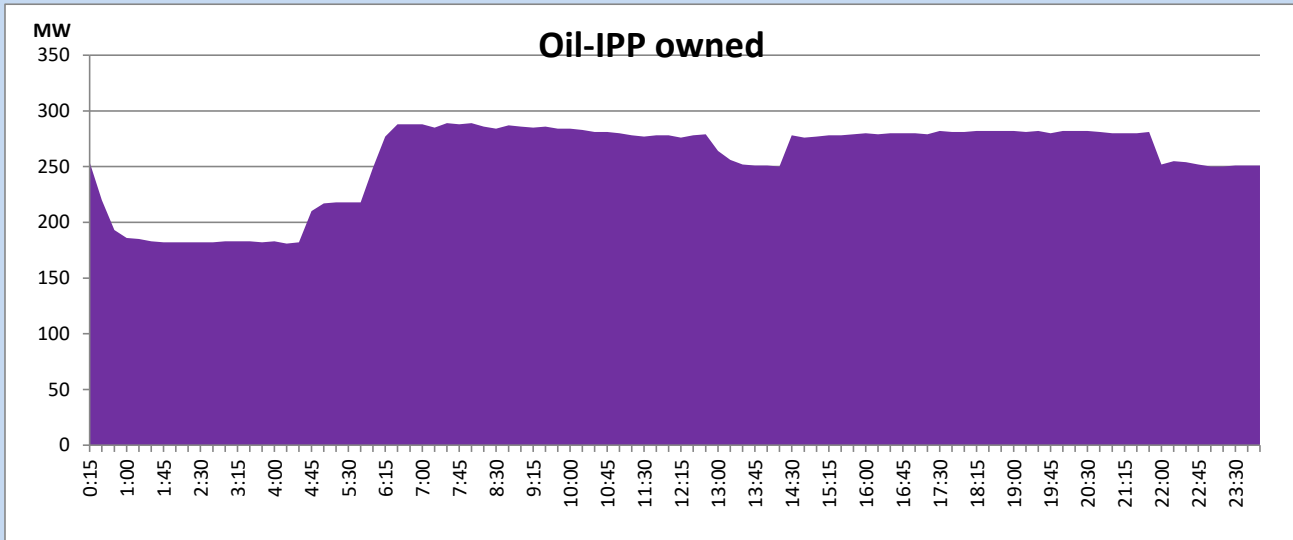
CEB Oil Plant Generation during

February 17, 2023



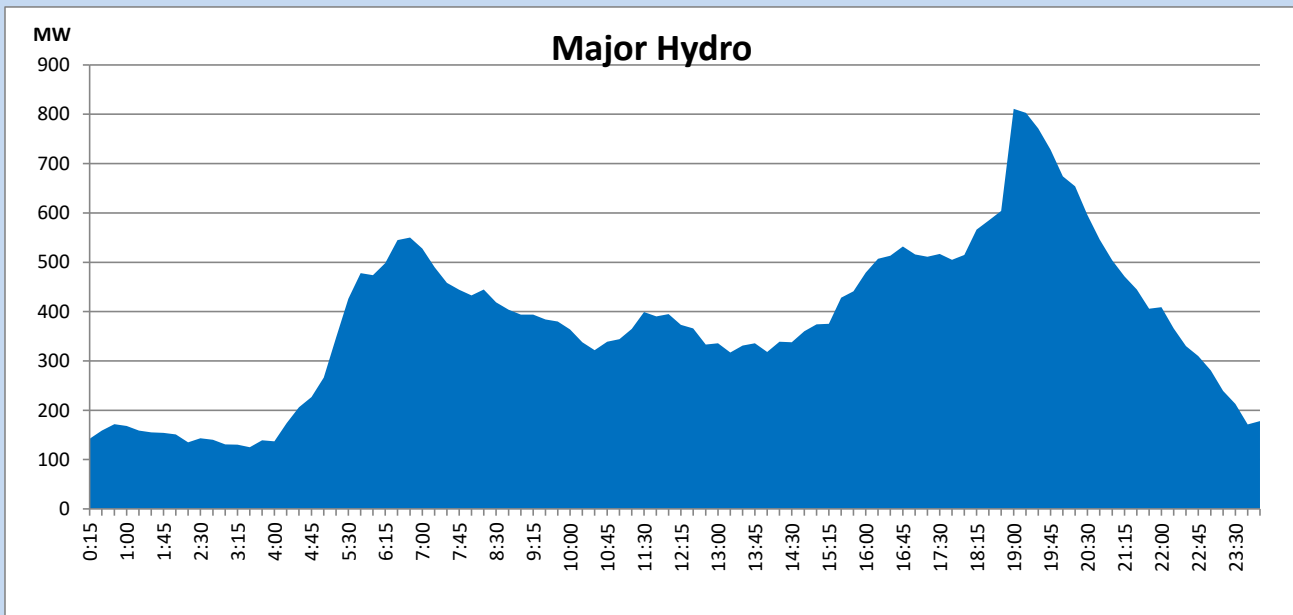
IPP Oil Plant Generation during

February 17, 2023



Major Hydro Generation during

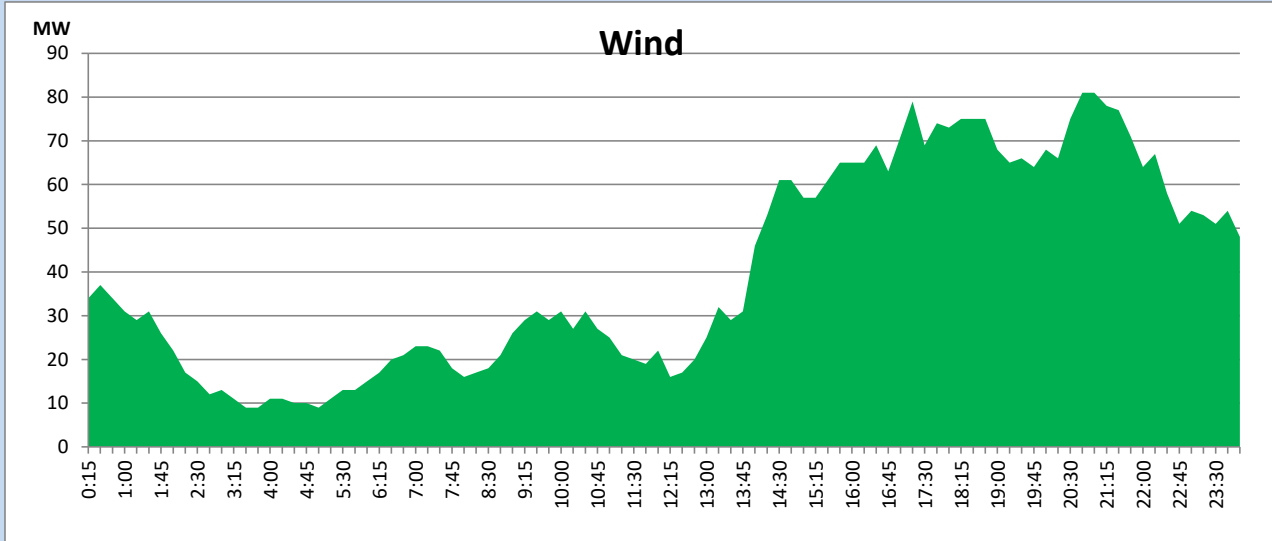
February 17, 2023



Wind Generation during

February 17, 2023

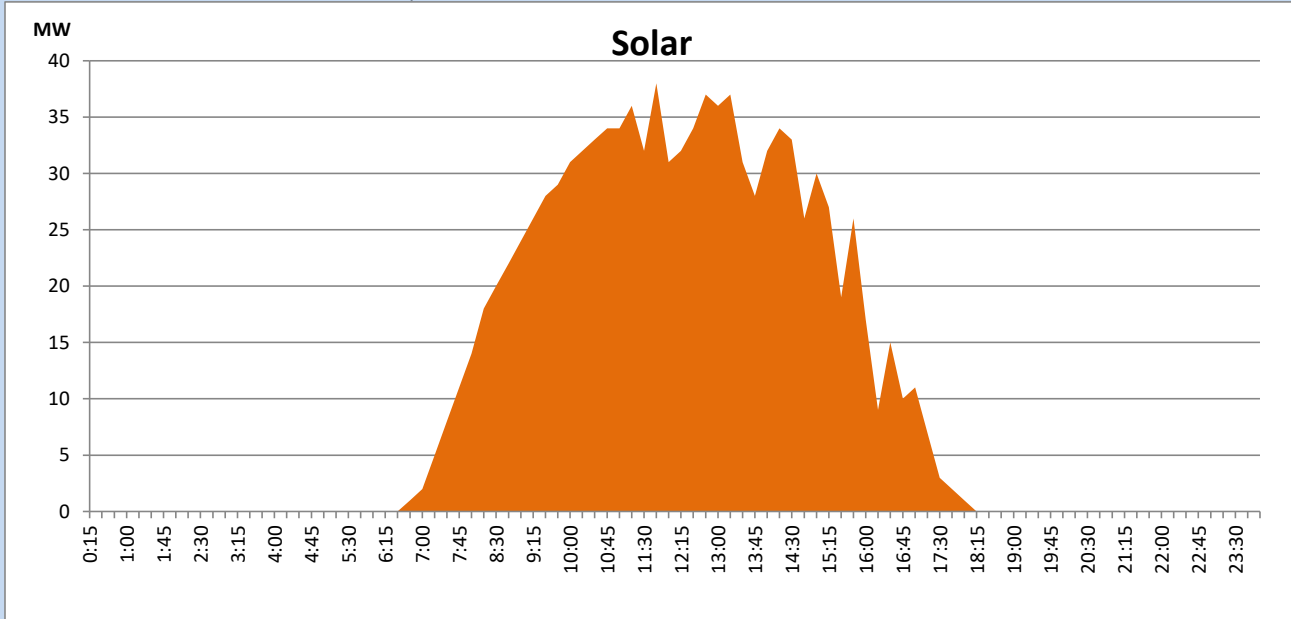
Based on Telemetered Power Stations only



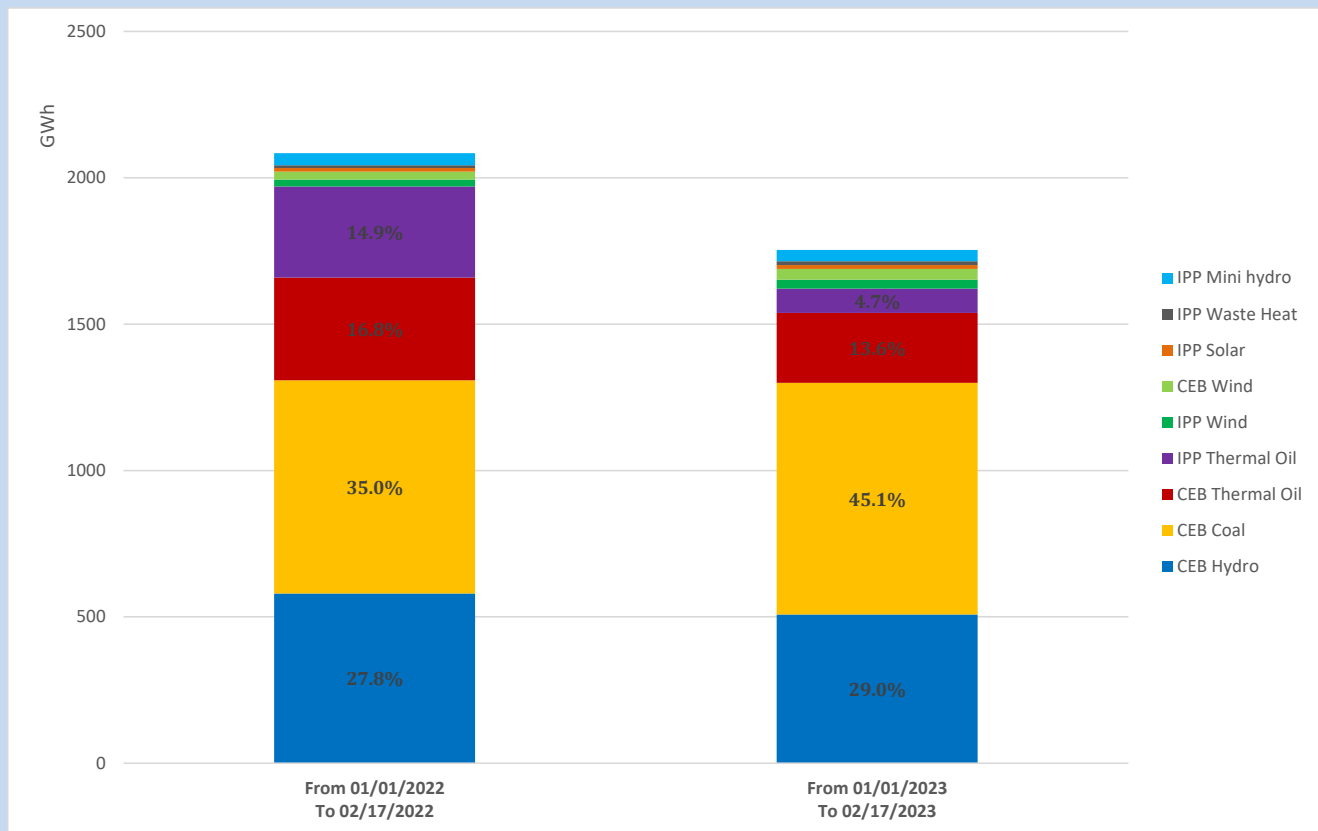
Solar Generation during

February 17, 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 17, 2023

Nil.