

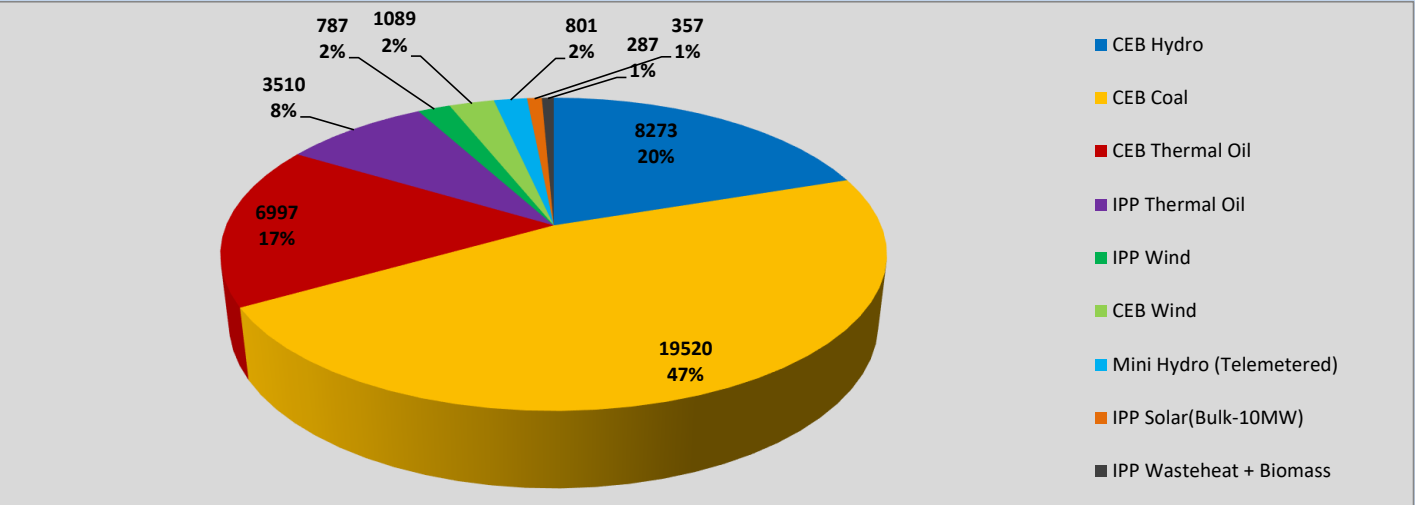
Generation and Reservoirs Statistics

March 8, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) = **41,621 MWh**

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh
Estimated Mini Hydro (Non telemetered) = 509 MWh
Estimated IPP Solar PV (Bulk 1-10MW) = 304 MWh
Estimated Solar Roof Top PV = 1490 MWh

Cumulative Dispatch

Following data excludes the contribution from roof top solar, non telemetered solar and mini hydro plants

For Current Month

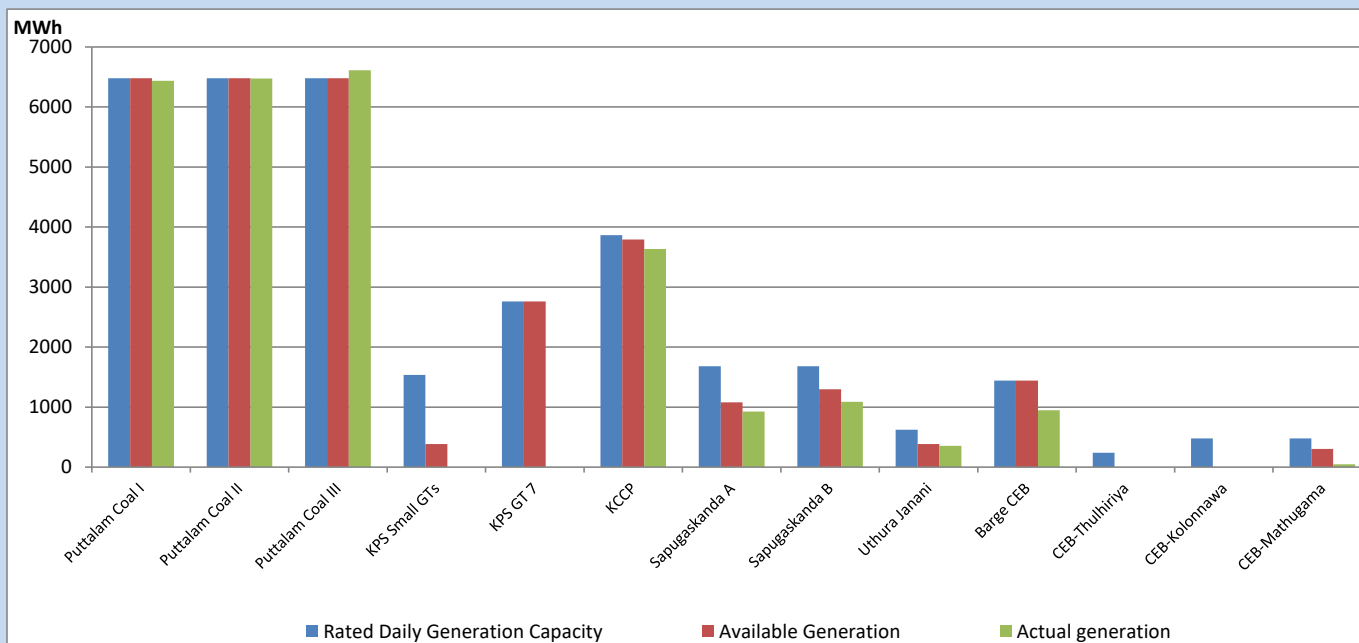
Category	Dispatch (GWh)	
CEB Hydro	64	20.96%
CEB Coal	154	50.25%
CEB Thermal Oil	49	15.91%
IPP Thermal	17	5.54%
SPP Wind	5	1.77%
CEB Wind	7	2.31%
Mini Hydro (Telemetered)	6	1.85%
IPP Solar(Bulk-10MW)	2	0.69%
IPP Wasteheat + BMP	2	0.71%
Total	307	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	666	26.81%
CEB Coal	1,159	46.66%
CEB Thermal Oil	326	13.13%
IPP Thermal	148	5.96%
SPP Wind	44	1.75%
CEB Wind	52	2.07%
Mini Hydro (Telemetered)	52	2.08%
IPP Solar(Bulk-10MW)	19	0.75%
IPP Wasteheat	19	0.78%
Total	2,483	

CEB owned Thermal Plant Dispatch

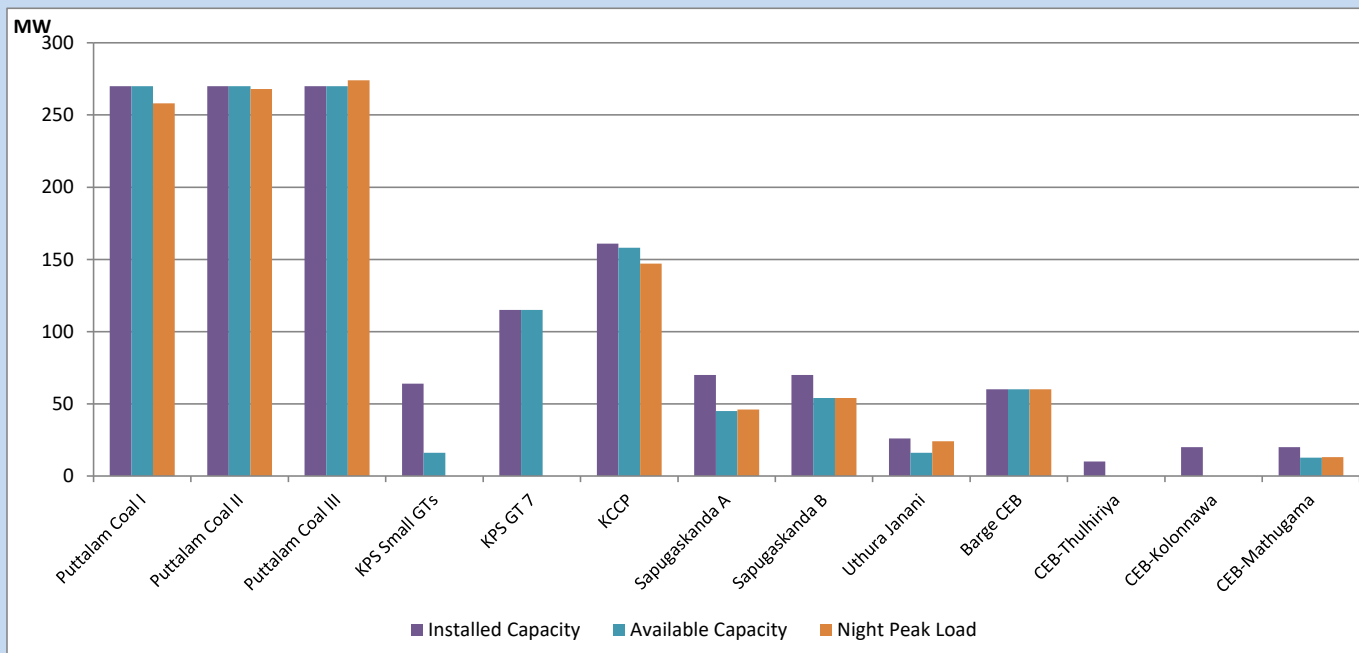
March 8, 2023



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

March 9, 2023

CEB owned Thermal Plant Loading at the Night Peak

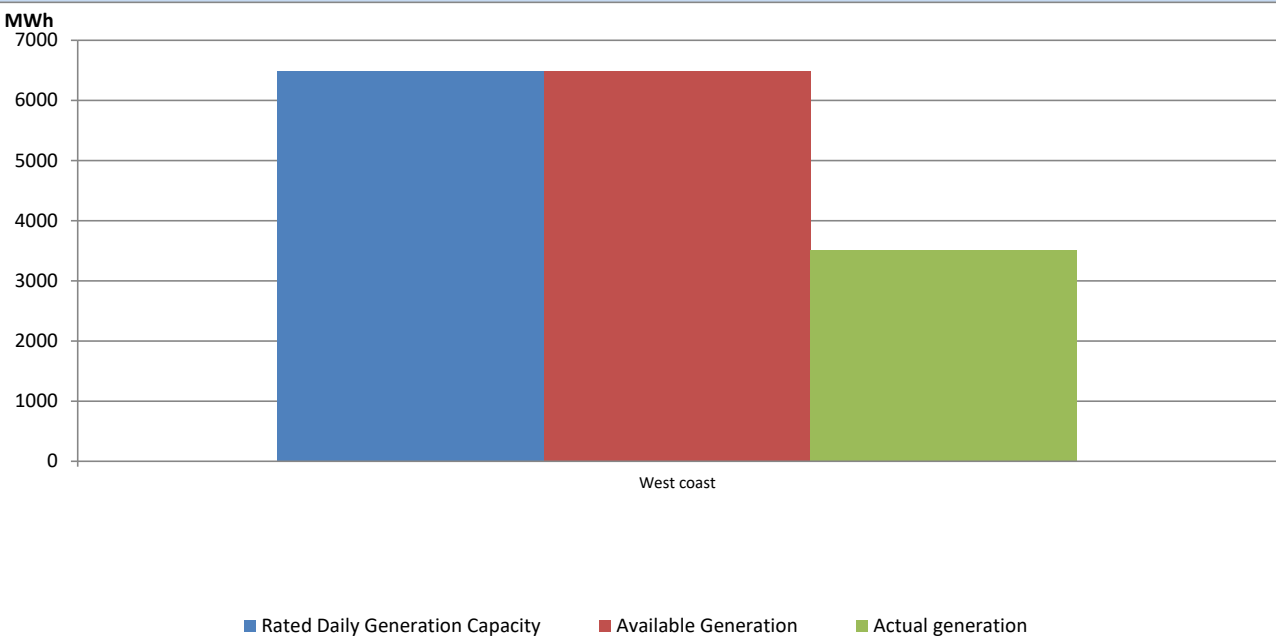


Note- Plant availability is recorded at 6.00 am on

March 9, 2023

IPP owned Thermal Plant Dispatch

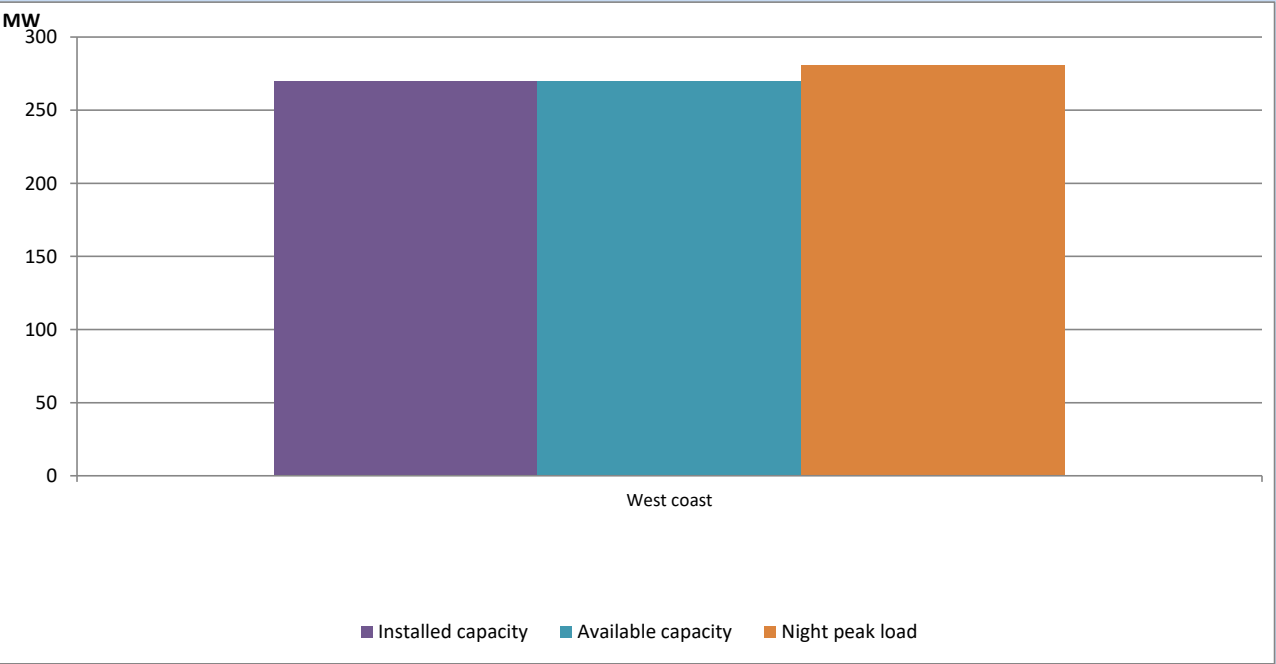
March 8, 2023



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

March 9, 2023

IPP owned Thermal Plant Loading at the Night Peak

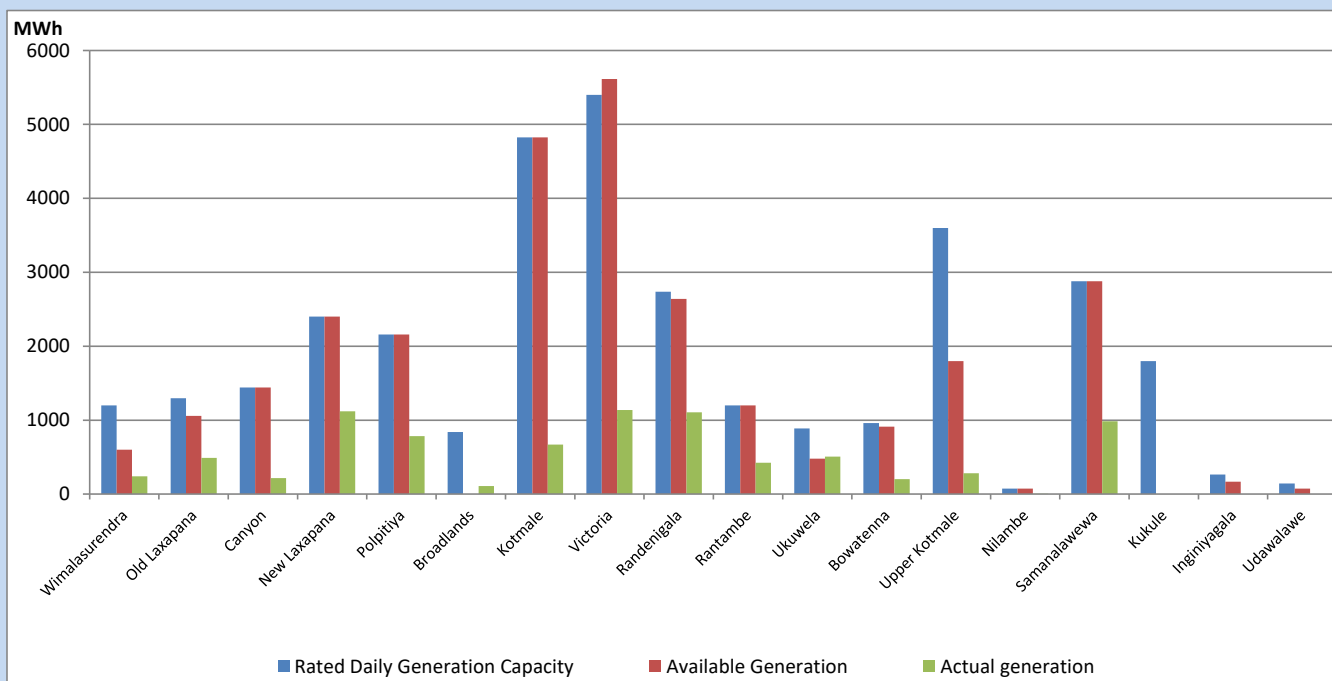


Note- Plant avilability is recorded at 6.00 am on

March 9, 2023

Major Hydro Plant Dispatch

March 8, 2023

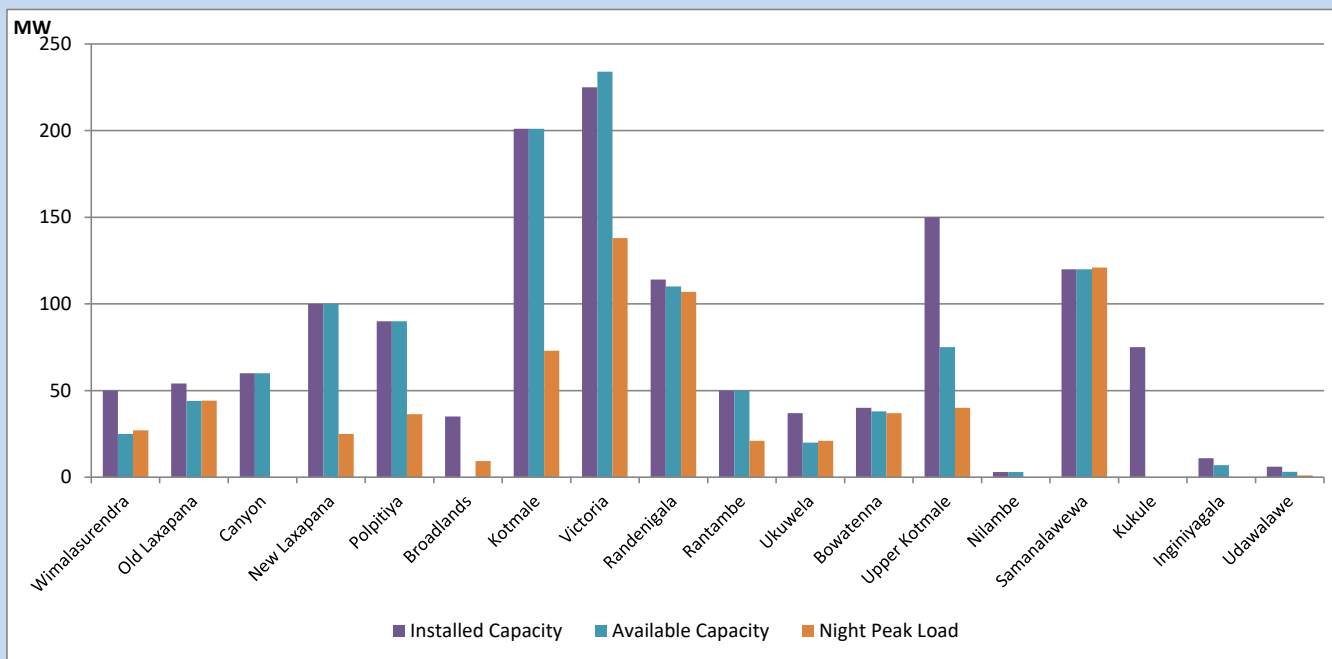


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

March 9, 2023

Major Hydro Plant Loading at Night Peak

March 8, 2023



Note- Plant availability is recorded at 6.00 am on

March 9, 2023

Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

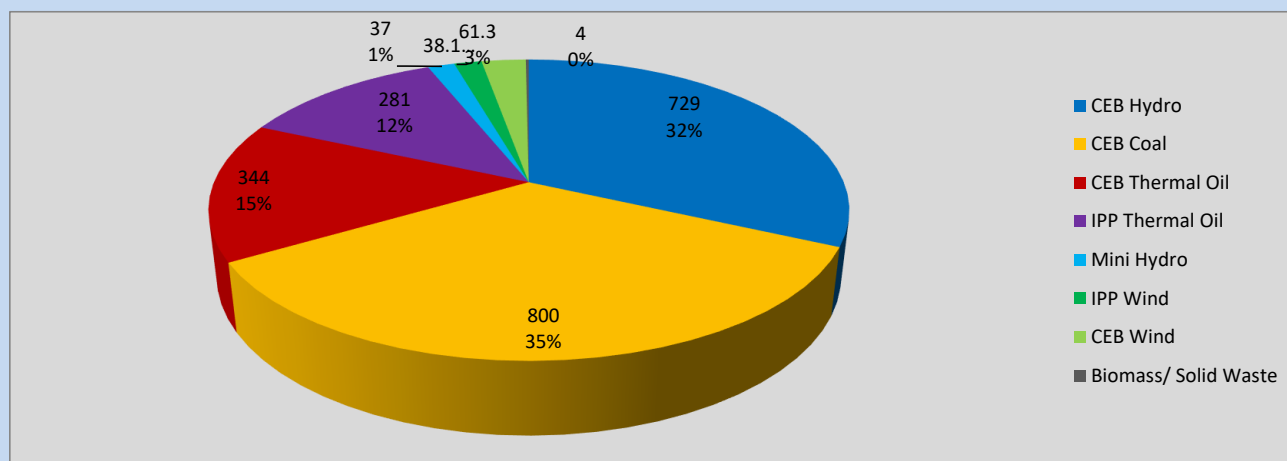
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	27	239
Old Laxapana	54	44	44	490
Canyon	60	60	0	215
New Laxapana	100	100	25	1,120
Polpitiya	90	90	36	785
Broadlands	35	0	9	107
Kotmale	201	201	73	670
Victoria	225	234	138	1,137
Randenigala	114	110	107	1,107
Rantambe	50	50	21	425
Ukuwela	37	20	21	506
Bowatenna	40	38	37	202
Upper Kotmale	150	75	40	281
Nilambe	3	3	0	5
Samanalawewa	120	120	121	984
Kukule	75	0	0	0
Inginiyagala	11	7	0	0
Udawalawe	6	3	1	0
Puttalam Coal I	270	270	258	6,435
Puttalam Coal II	270	270	268	6,475
Puttalam Coal III	270	270	274	6,610
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	158	147	3,633
Sapugaskanda A	70	45	46	924
Sapugaskanda B	70	54	54	1,089
Uthura Janani	26	16	24	354
Barge CEB	60	60	60	948
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	13	13	49
ACE Matara	24	0	0	0
Asia Power	50	0	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	281	3,510
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,737	2,266	41,621

Plant availability is the availability recorded at 6 am on

March 9, 2023

Contribution to the Night Peak in MW

March 8, 2023

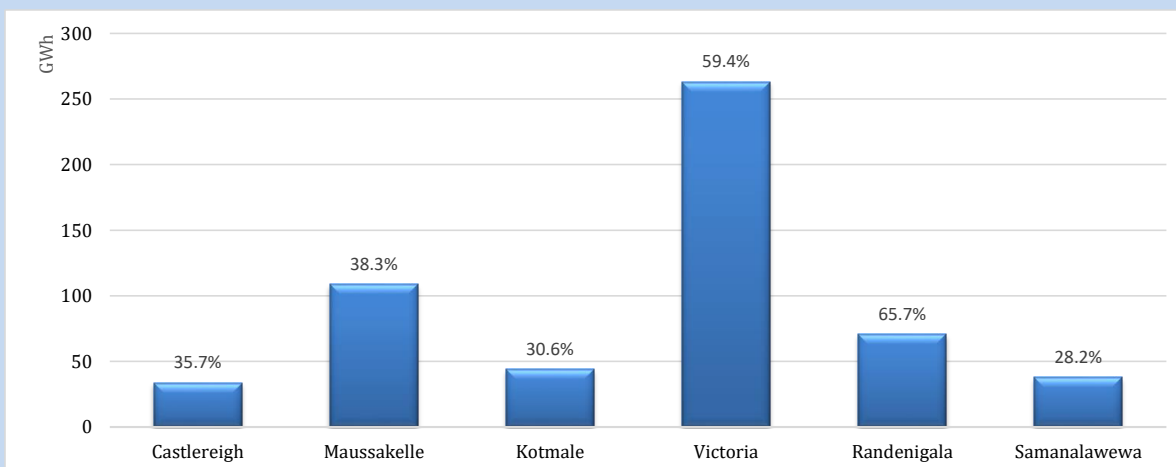


Night Peak*	2,294 MW
Day Peak	1,964 MW
Minimum Demand	1,251 MW

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

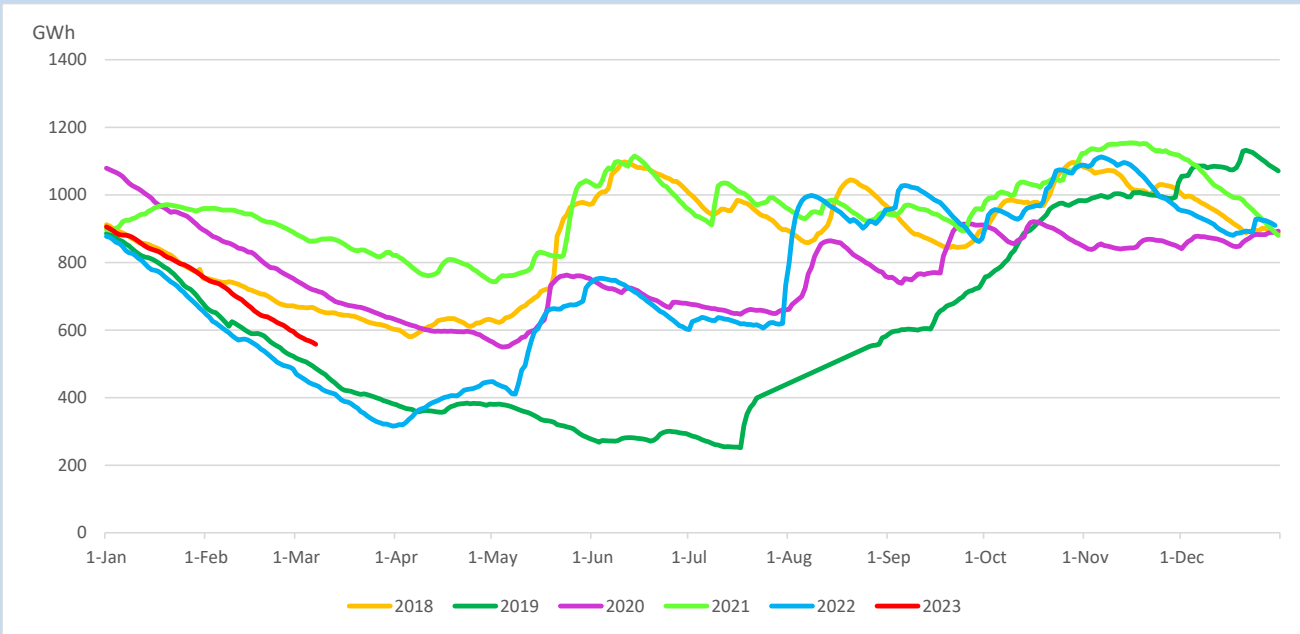
Reservoir Levels -

as at 06.00 Hr on March 9, 2023

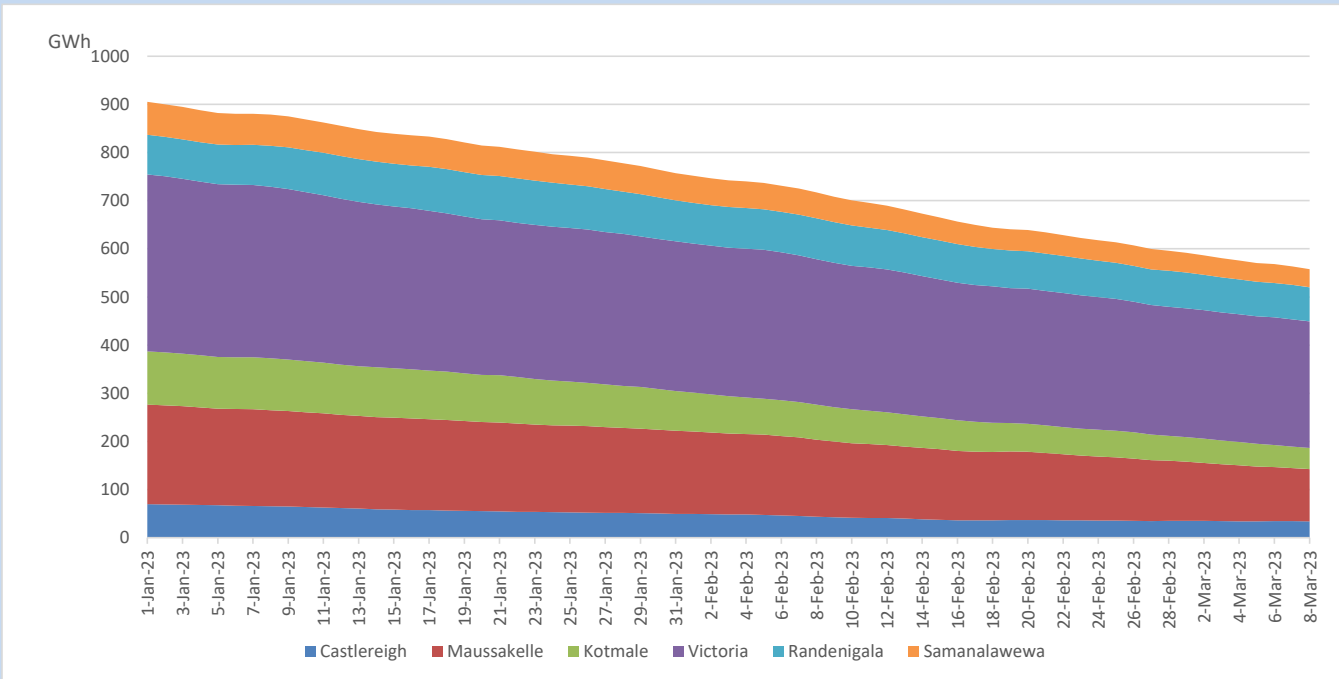


Total Reservoir Level	557.8 GWh
% of Total capacity	46.3%

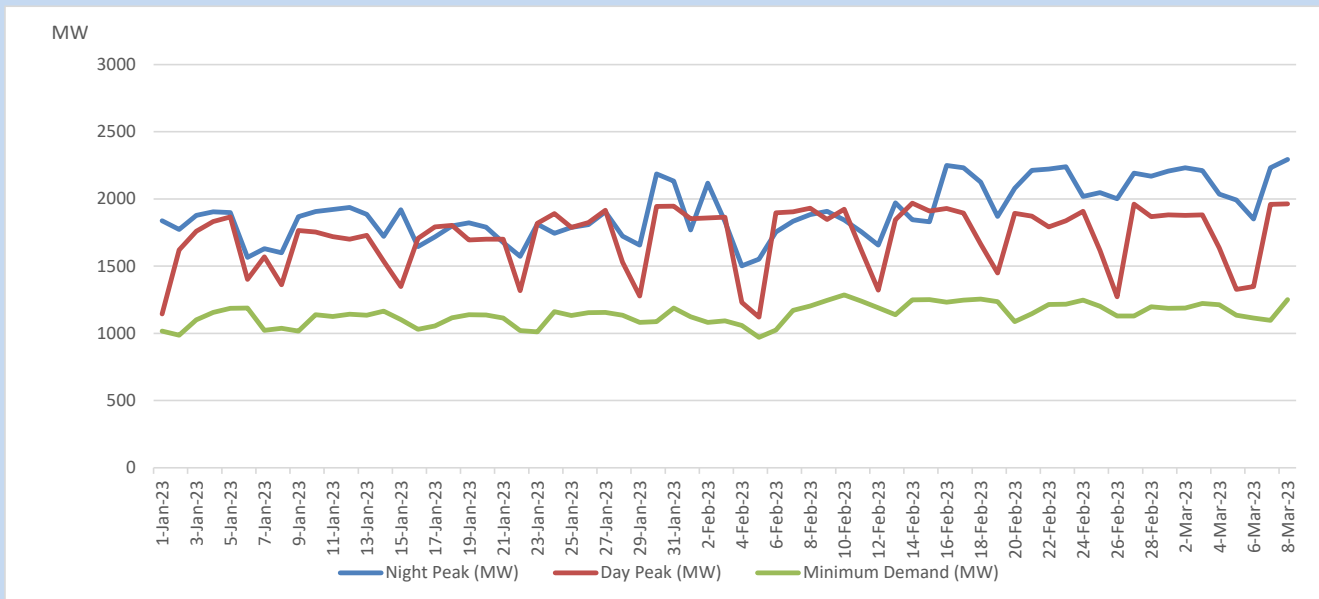
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

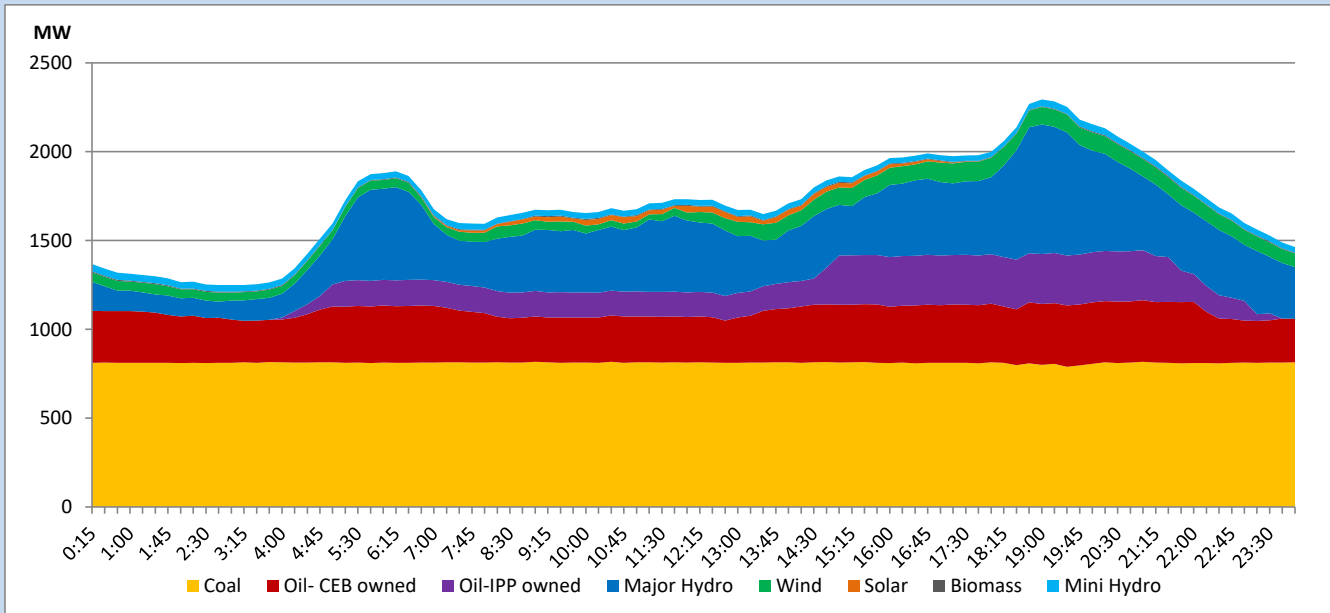


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

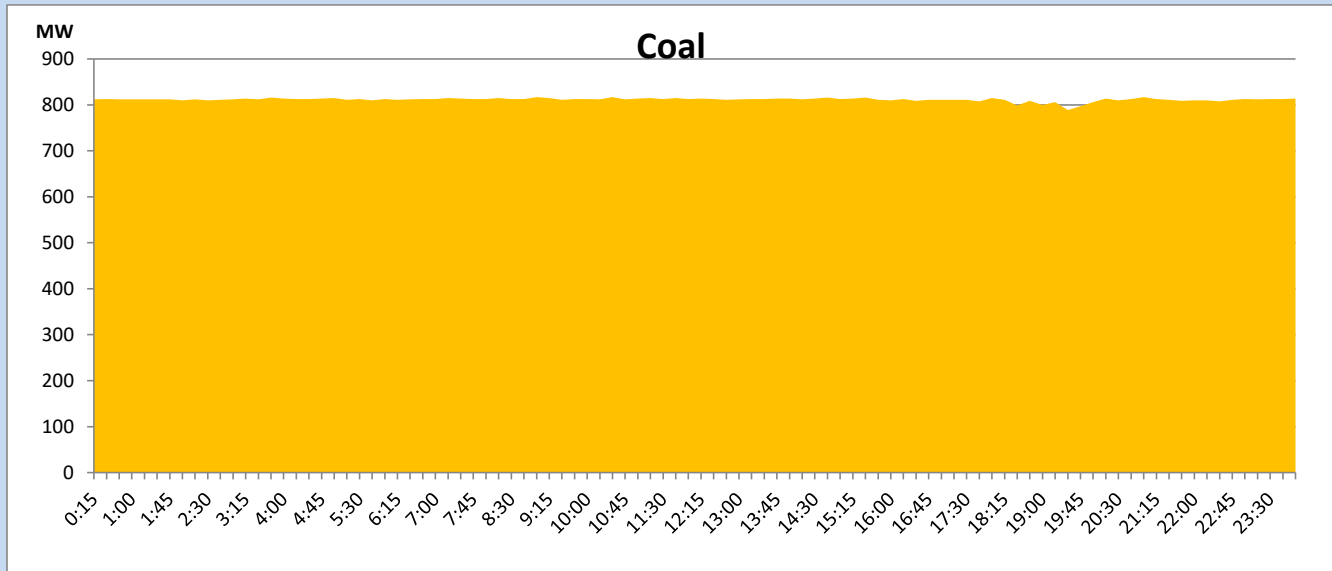
March 8, 2023

Solar and wind data is based on Telemetered Power Stations only



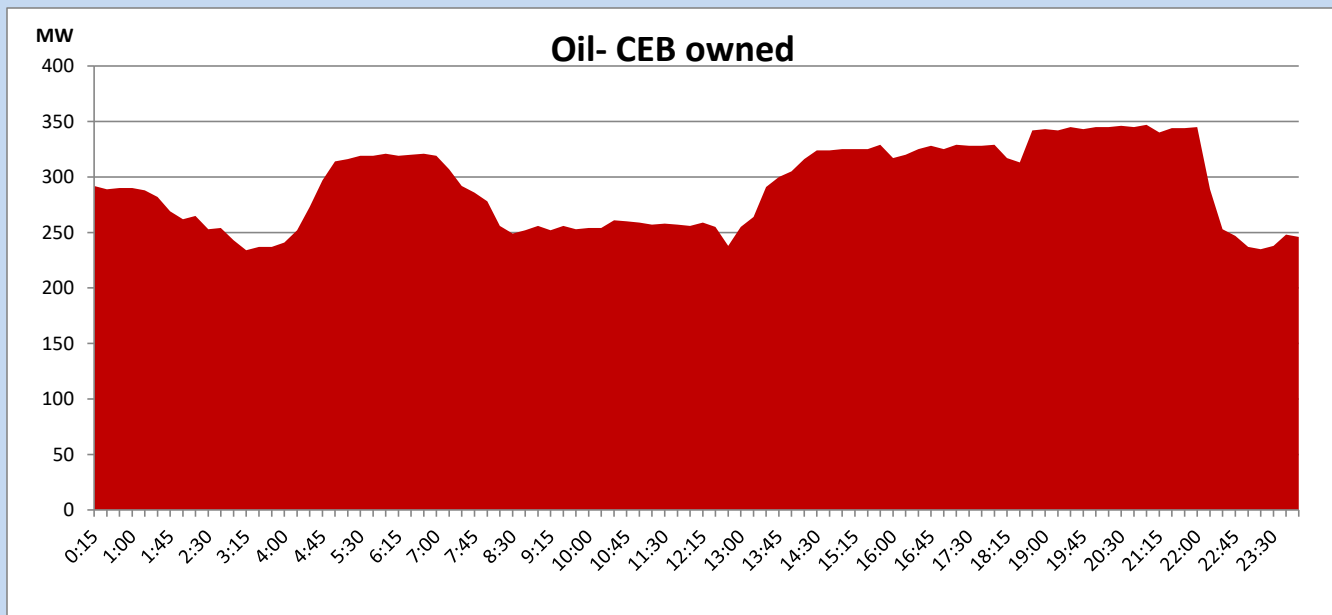
Coal Generation during

March 8, 2023



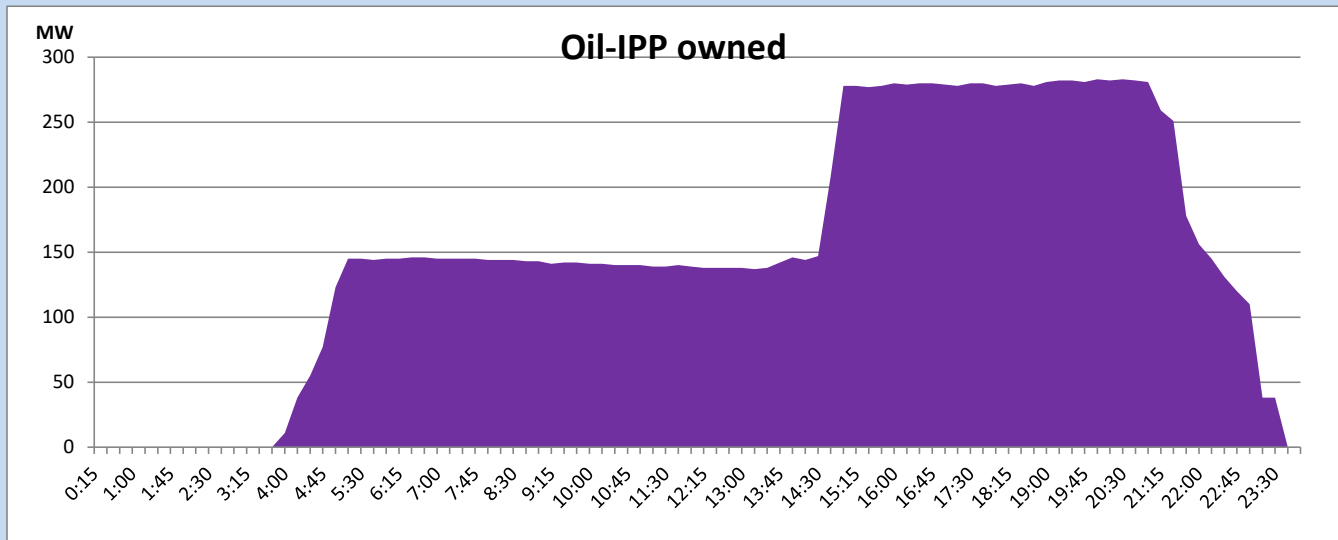
CEB Oil Plant Generation during

March 8, 2023



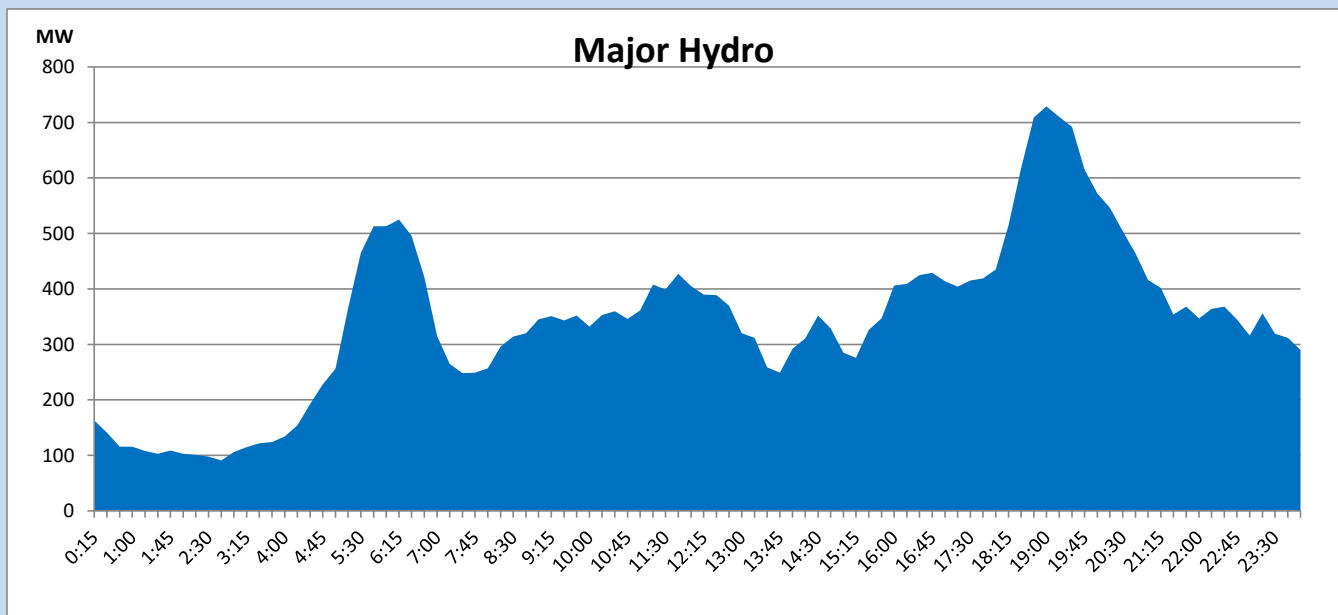
IPP Oil Plant Generation during

March 8, 2023



Major Hydro Generation during

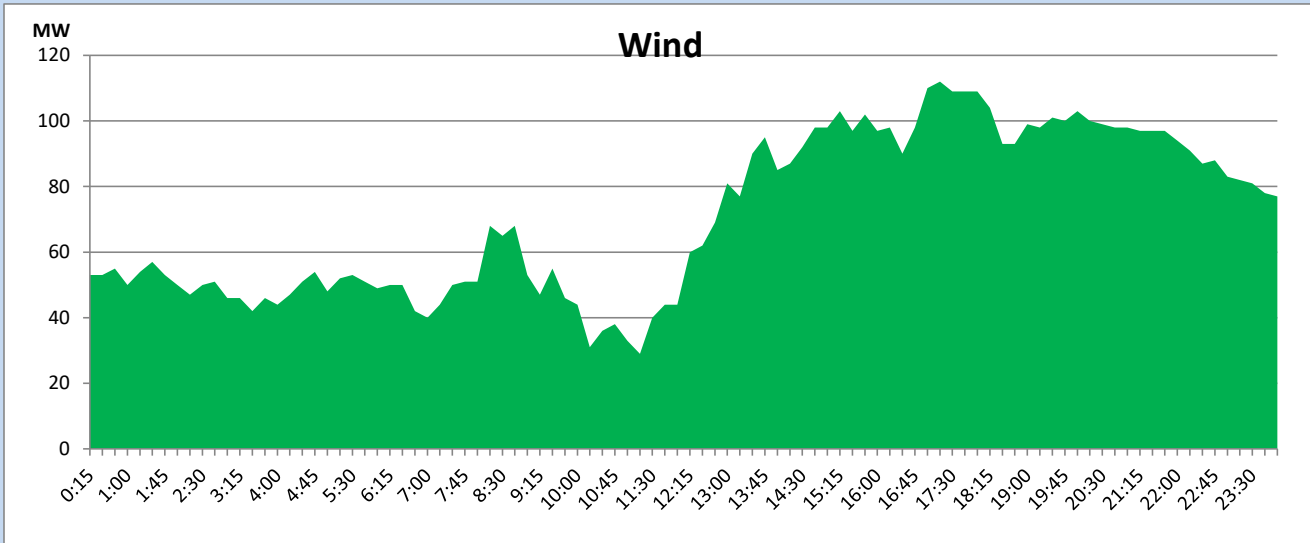
March 8, 2023



Wind Generation during

March 8, 2023

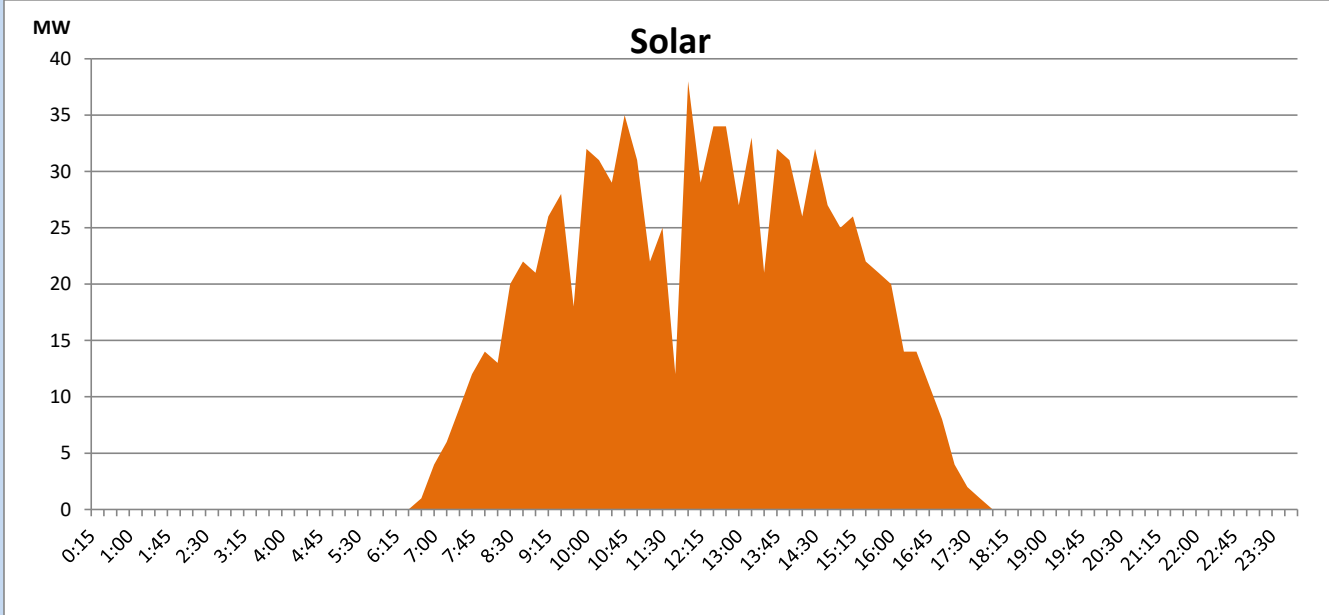
Based on Telemetered Power Stations only



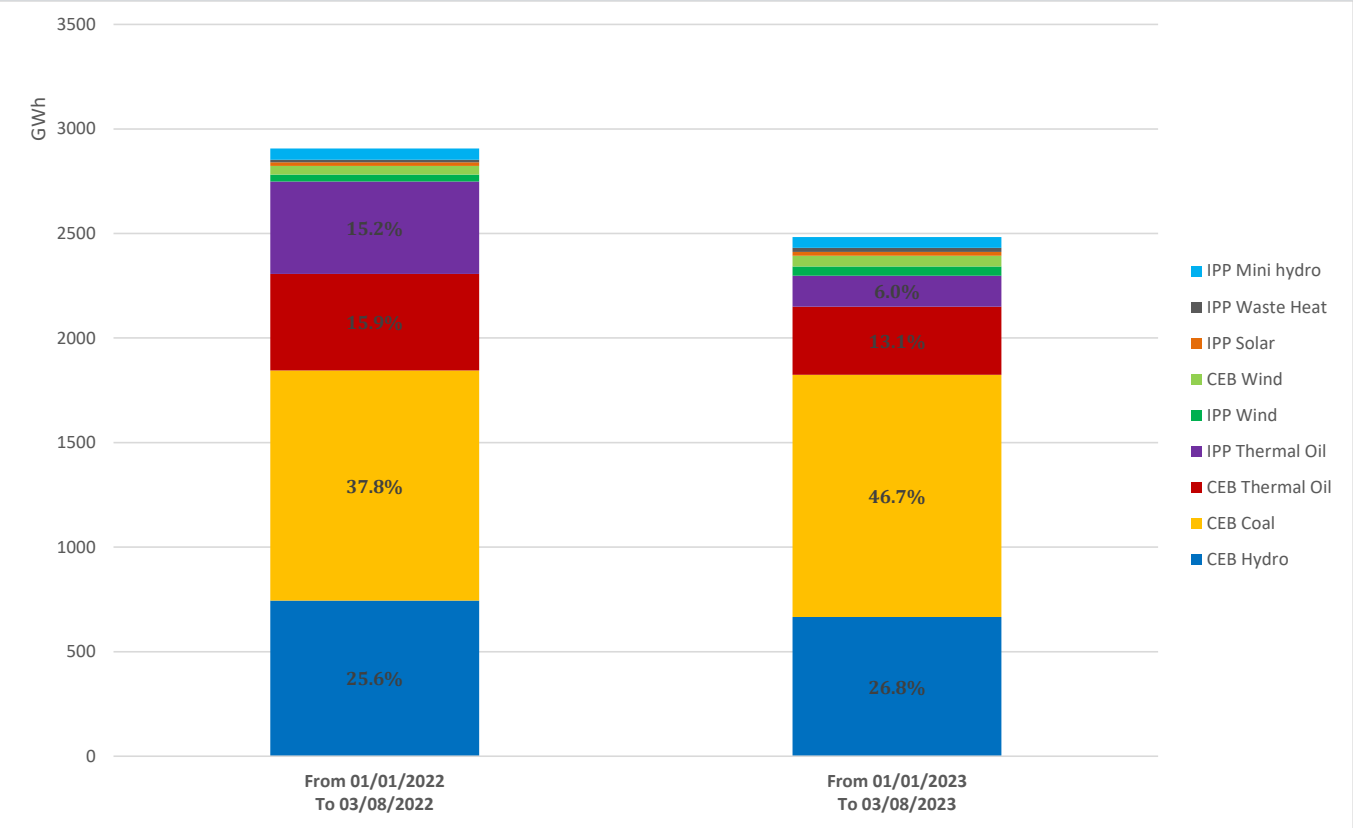
Solar Generation during

March 8, 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

March 8, 2023

1) New laxapana - Canyon 132 kV cct was unavailable from 13:54 hrs to 01:15 hrs (09.03.2023) due to 132 kV CB fault at New laxapana end. Canyon PS resumed generation at 01:48hrs (09.03.2023).