

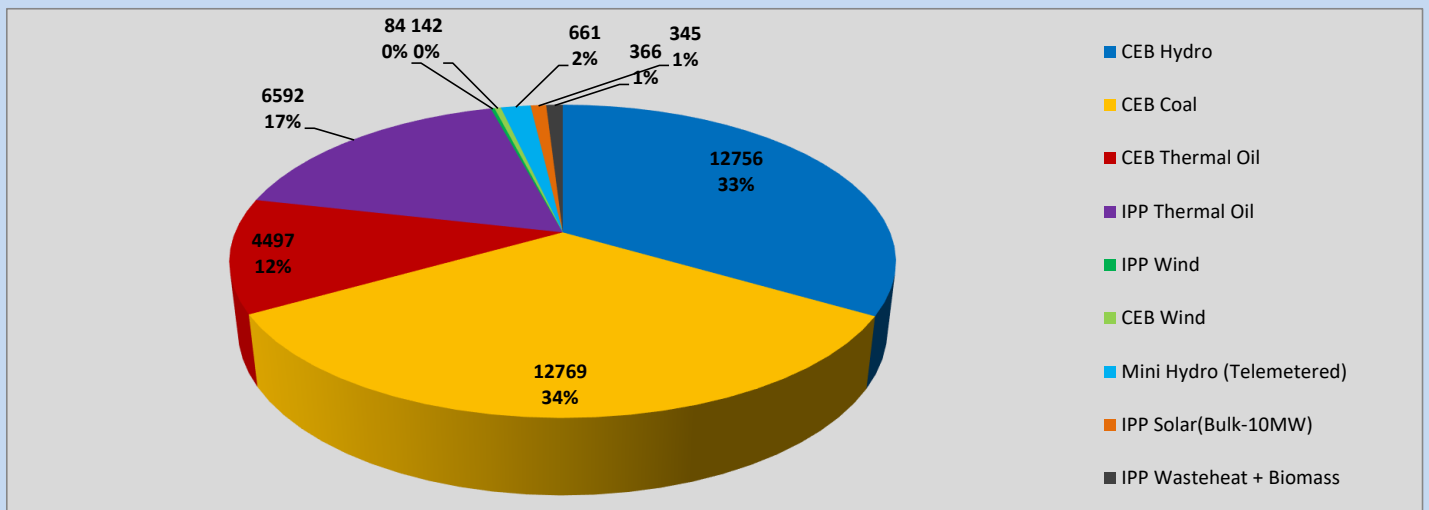
Generation and Reservoirs Statistics

March 25, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =



38,212 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh
 Estimated Mini Hydro (Non telemetered) = 649 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

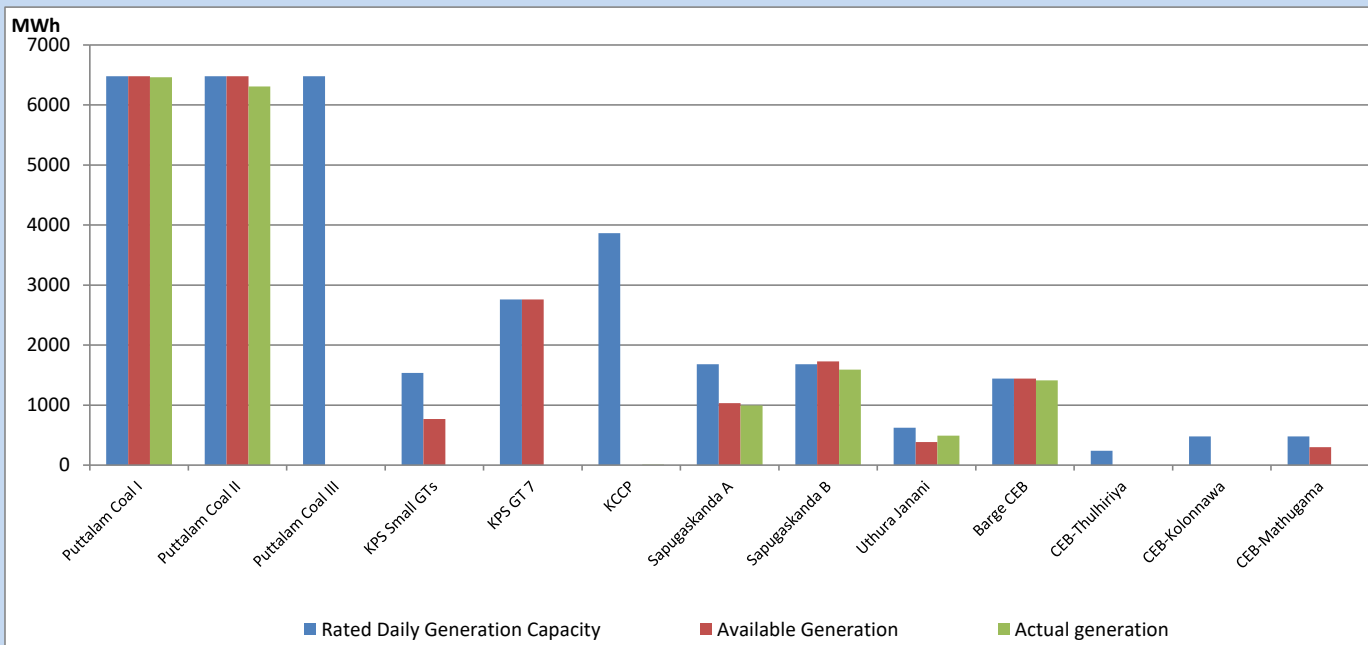
Category	Dispatch (GWh)	Percentage
CEB Hydro	237	24.01%
CEB Coal	438	44.34%
CEB Thermal Oil	148	14.95%
IPP Thermal	104	10.58%
SPP Wind	12	1.21%
CEB Wind	15	1.52%
Mini Hydro (Telemetered)	19	1.95%
IPP Solar(Bulk-10MW)	7	0.70%
IPP Wasteheat + BMP	7	0.74%
Total	987	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	838	26.51%
CEB Coal	1,442	45.58%
CEB Thermal Oil	425	13.43%
IPP Thermal	236	7.45%
SPP Wind	50	1.58%
CEB Wind	59	1.88%
Mini Hydro (Telemetered)	65	2.06%
IPP Solar(Bulk-10MW)	24	0.74%
IPP Wasteheat	24	0.77%
Total	3,163	

CEB owned Thermal Plant Dispatch

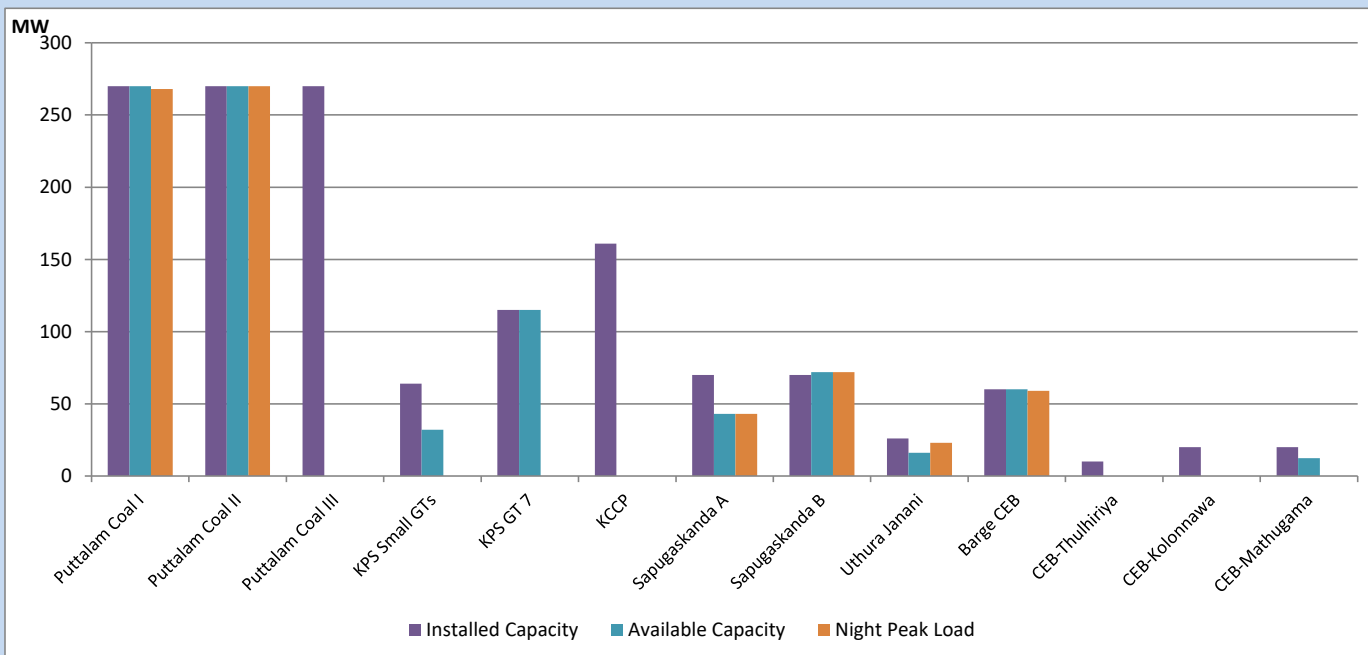
March 25, 2023



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

March 26, 2023

CEB owned Thermal Plant Loading at the Night Peak

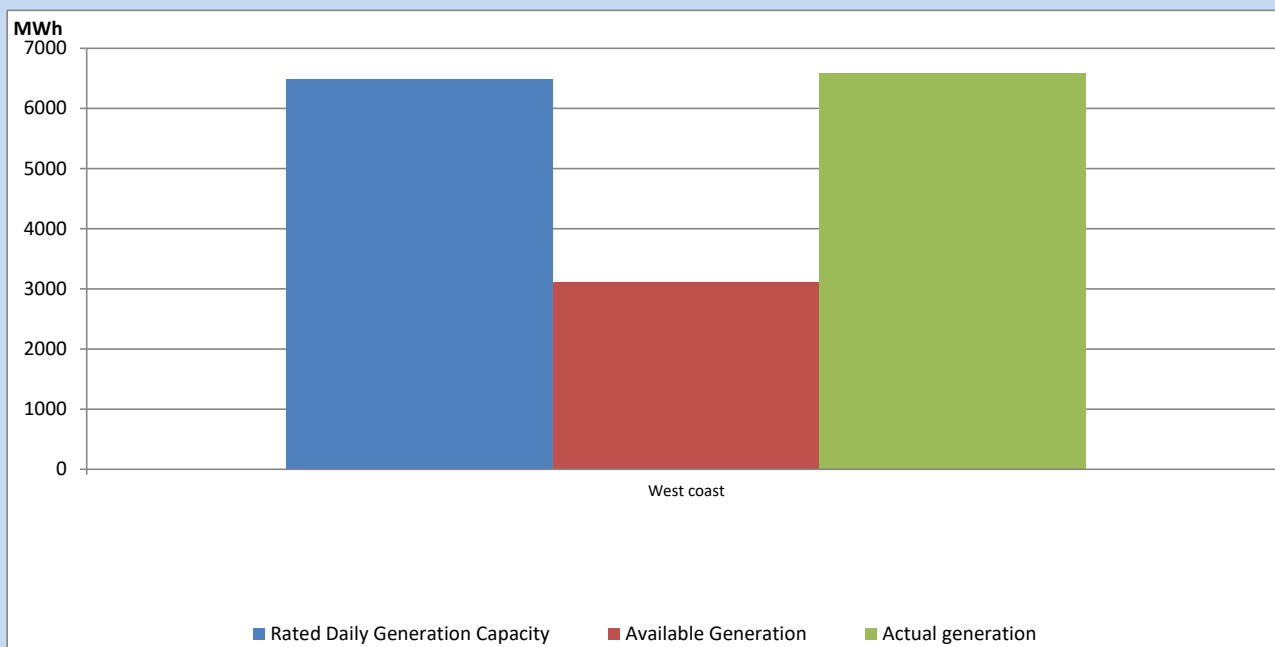


Note- Plant availability is recorded at 6.00 am on

March 26, 2023

IPP owned Thermal Plant Dispatch

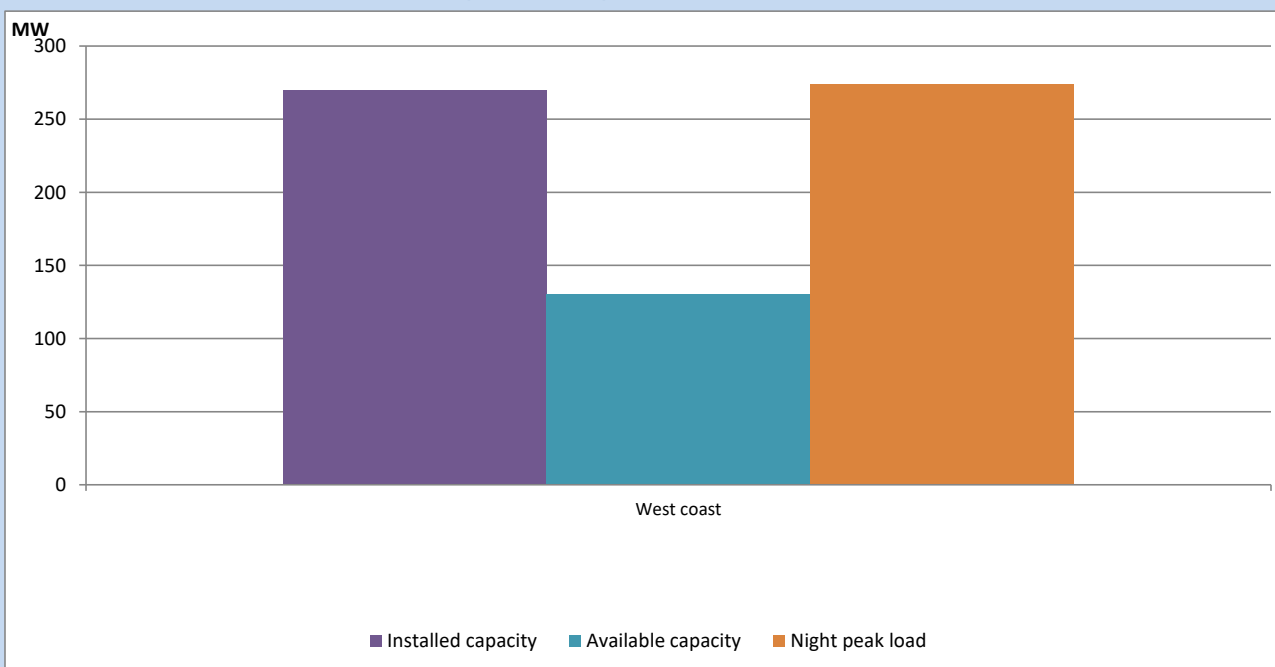
March 25, 2023



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

March 26, 2023

IPP owned Thermal Plant Loading at the Night Peak

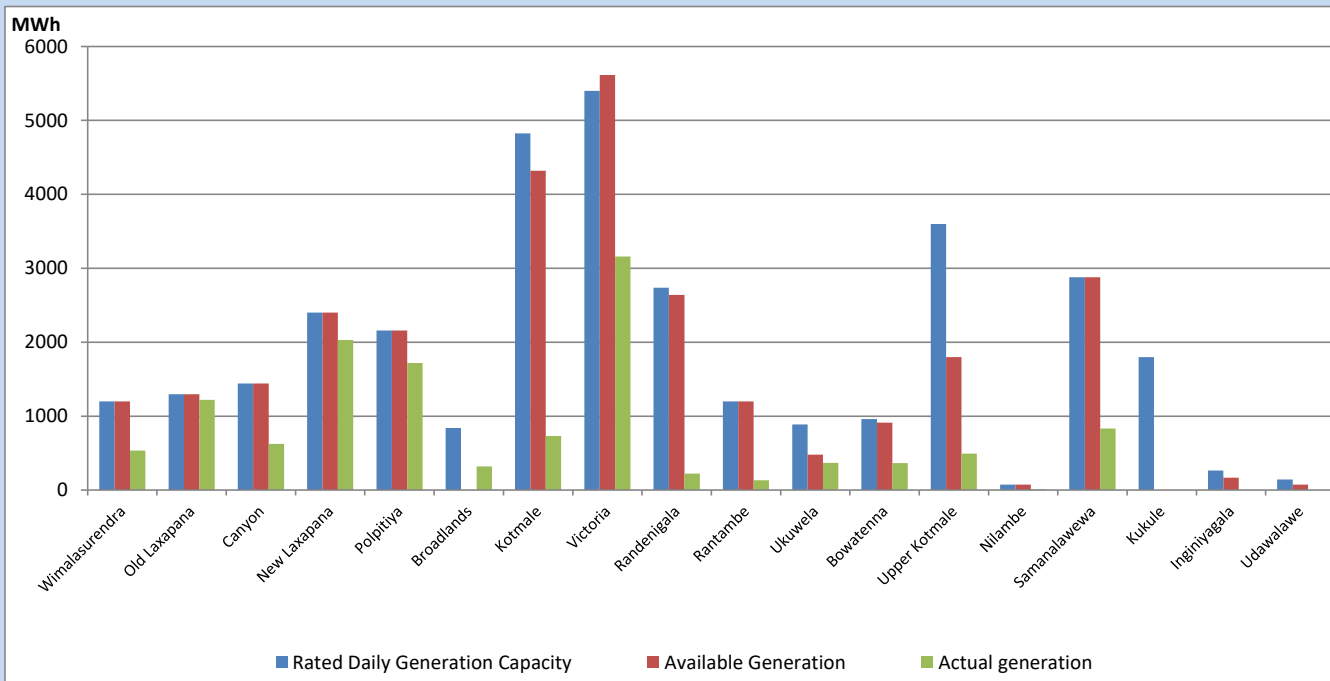


Note- Plant availability is recorded at 6.00 am on

March 26, 2023

Major Hydro Plant Dispatch

March 25, 2023

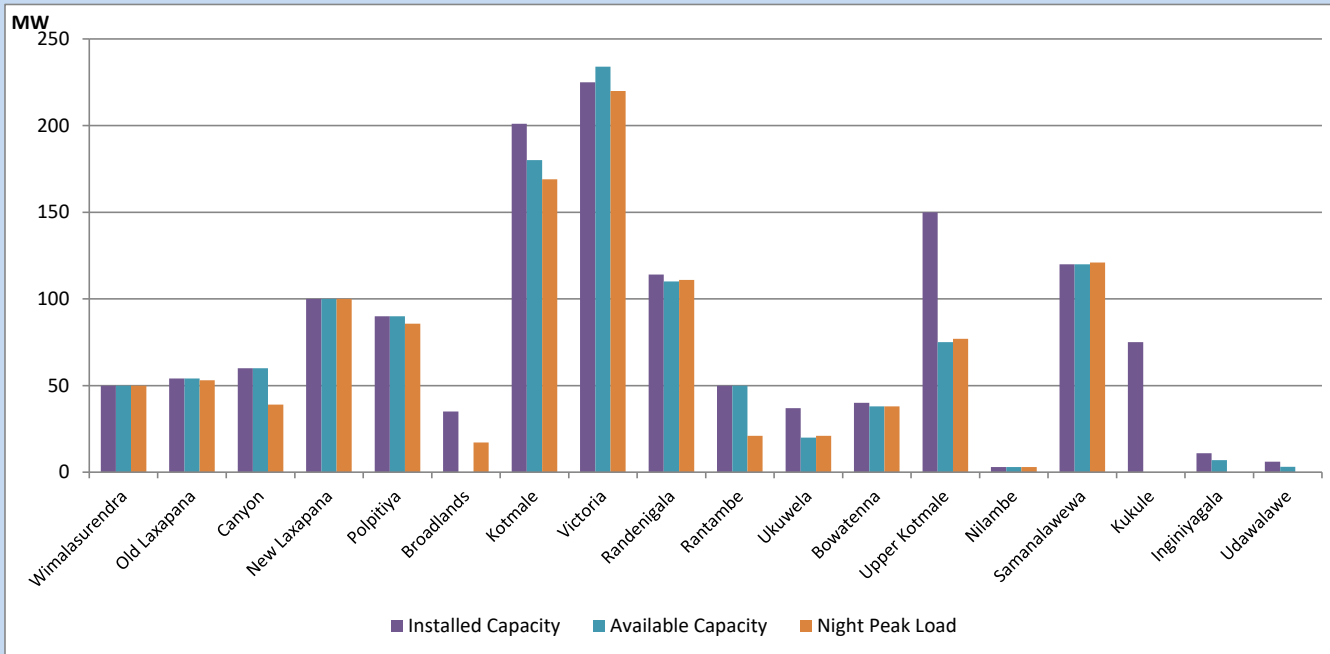


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

March 26, 2023

Major Hydro Plant Loading at Night Peak

March 25, 2023



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

March 26, 2023

Summary of Major Plant performance

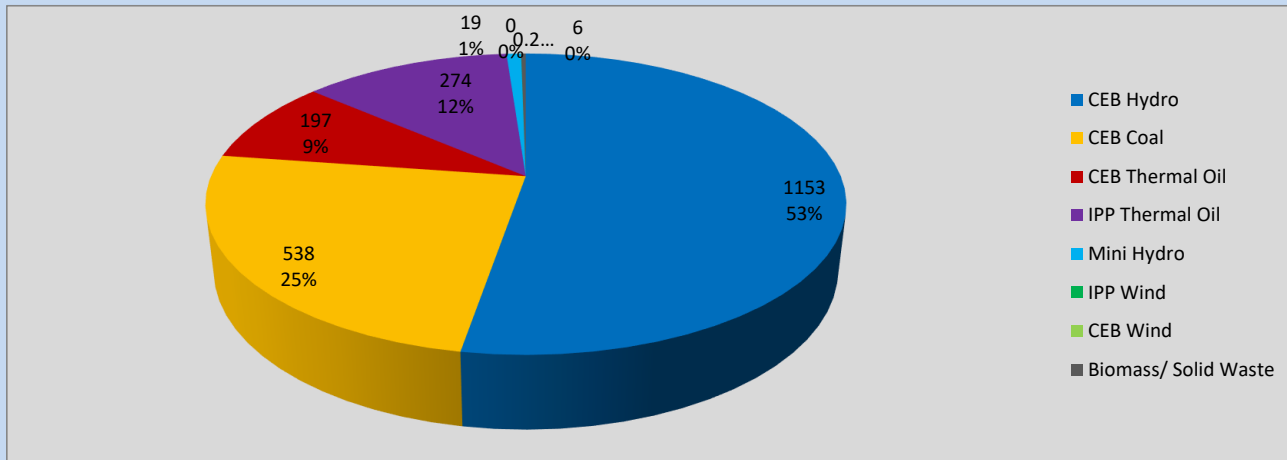
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	50	534
Old Laxapana	54	54	53	1,220
Canyon	60	60	39	626
New Laxapana	100	100	100	2,030
Polpitiya	90	90	86	1,717
Broadlands	35	0	17	319
Kotmale	201	180	169	730
Victoria	225	234	220	3,159
Randenigala	114	110	111	222
Rantambe	50	50	21	132
Ukuwela	37	20	21	367
Bowatenna	40	38	38	365
Upper Kotmale	150	75	77	492
Nilambe	3	3	3	10
Samanalawewa	120	120	121	833
Kukule	75	0	0	0
Inginiyagala	11	7	0	0
Udawalawe	6	3	0	0
Puttalam Coal I	270	270	268	6,462
Puttalam Coal II	270	270	270	6,307
Puttalam Coal III	270	0	0	0
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	0	0	7
Sapugaskanda A	70	43	43	995
Sapugaskanda B	70	72	72	1,590
Uthura Janani	26	16	23	492
Barge CEB	60	60	59	1,413
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	12	0	0
ACE Matara	24	0	0	0
Asia Power	50	0	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	130	274	6,592
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,215	2,160	38,212

Plant availability is the availability recorded at 6 am on

March 26, 2023

Contribution to the Night Peak in MW

March 25, 2023

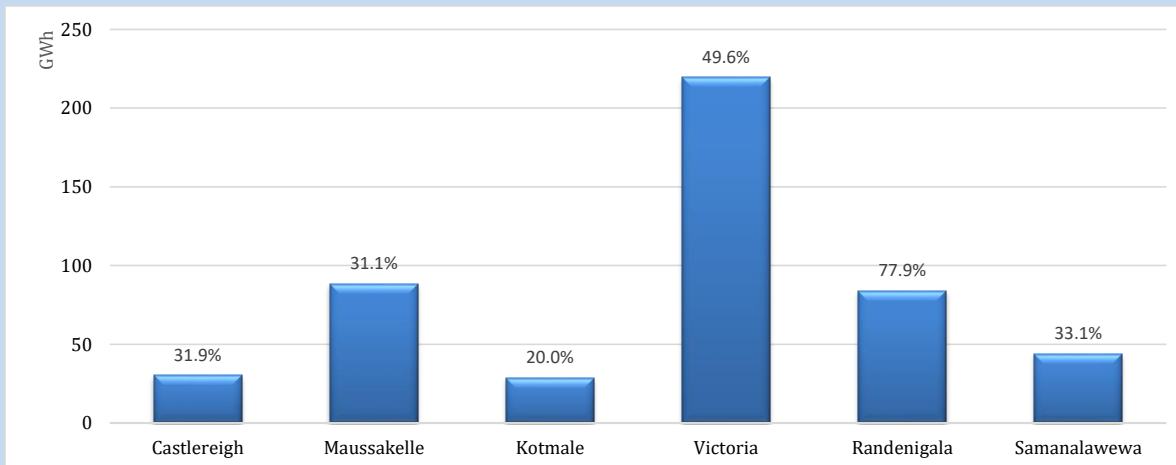


Night Peak*	2,187 MW
Day Peak	1,647 MW
Minimum Demand	1,216 MW

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

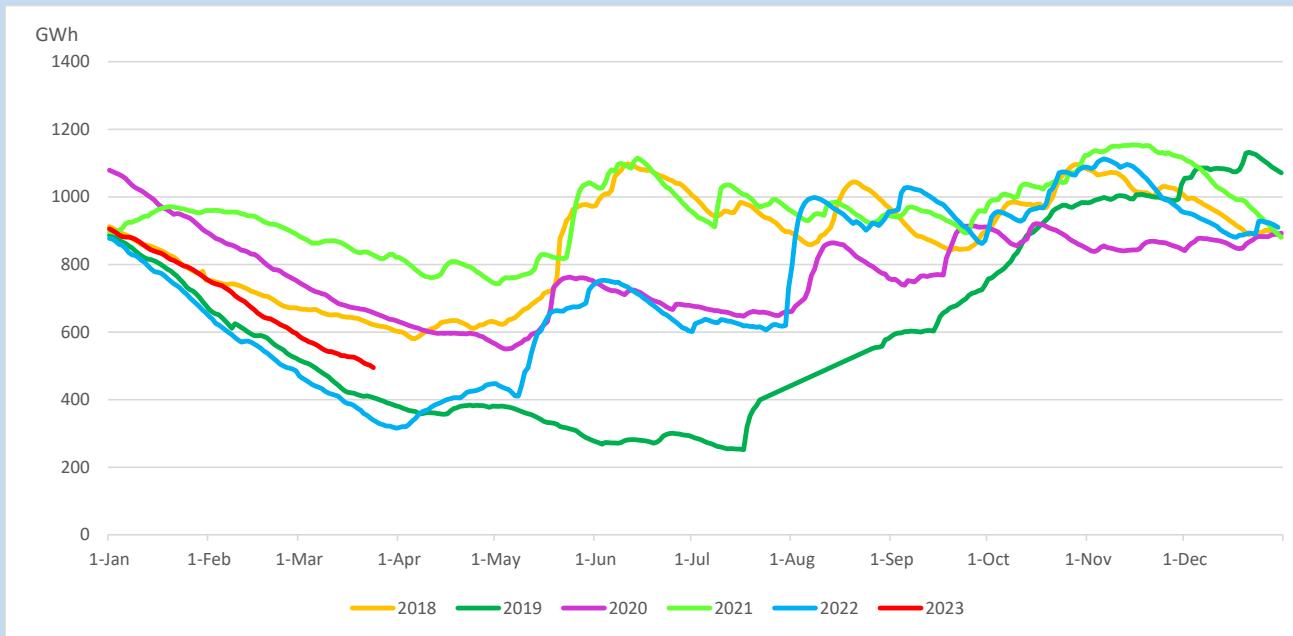
Reservoir Levels -

as at 06.00 Hr on March 26, 2023

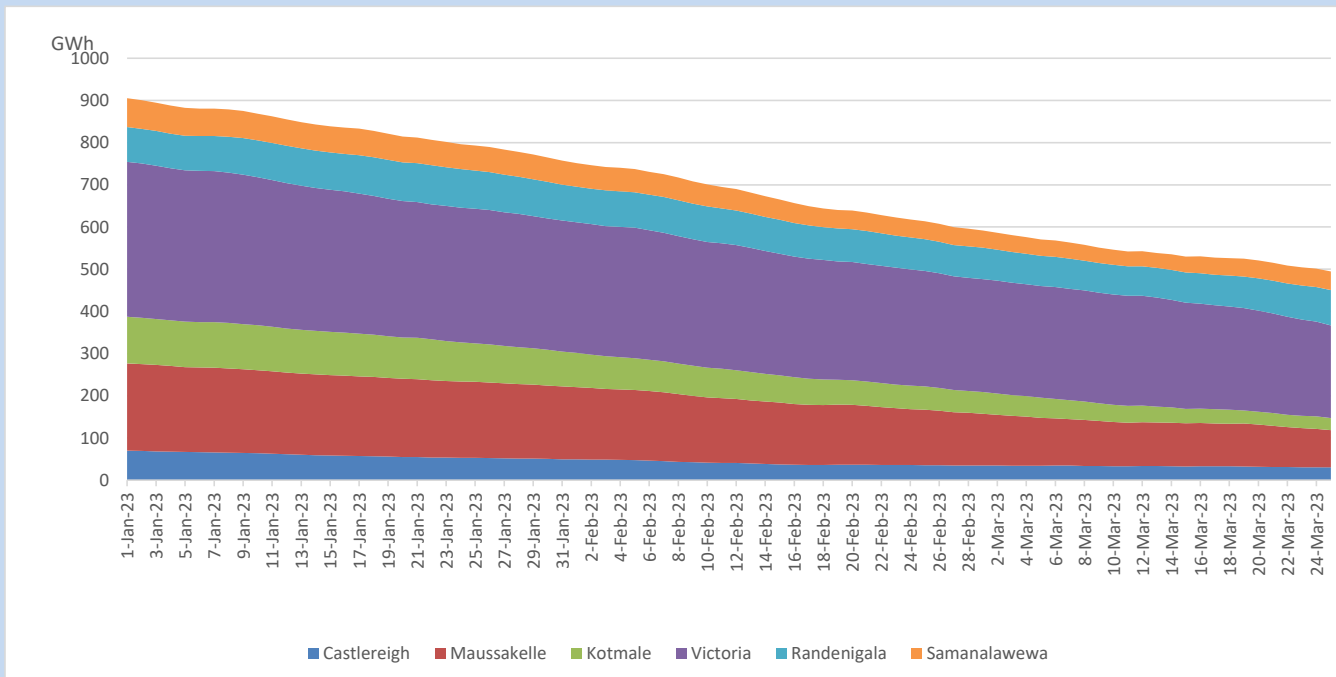


Total Reservoir Level	494.6 GWh
% of Total capacity	41.0%

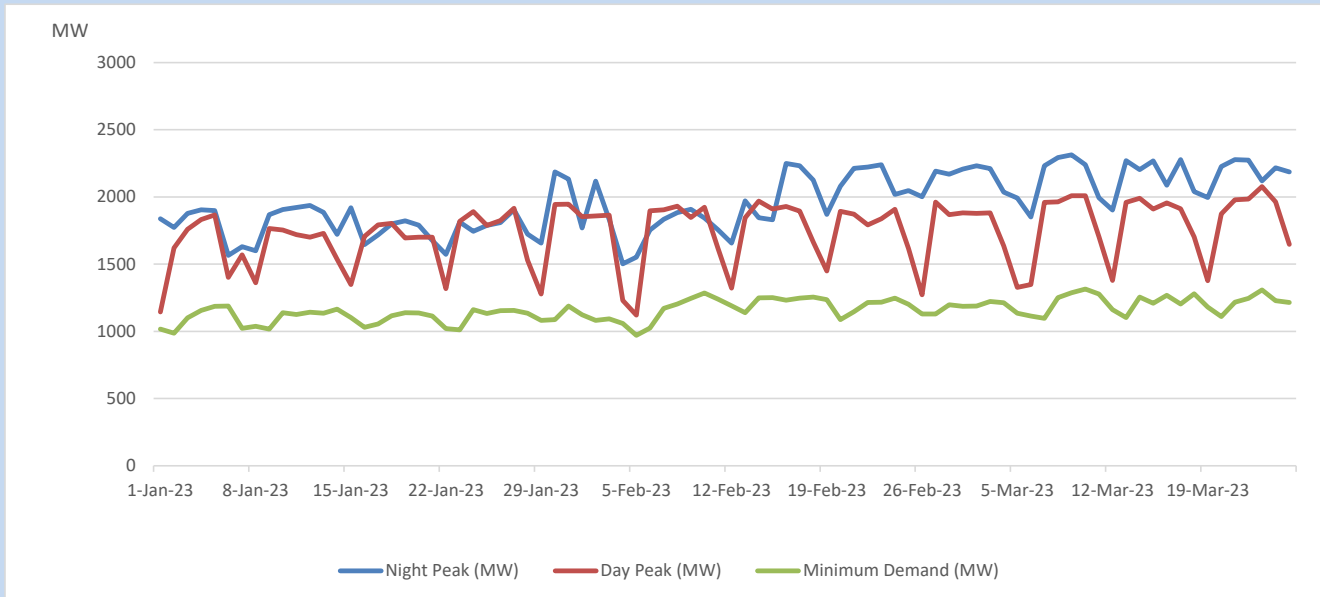
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

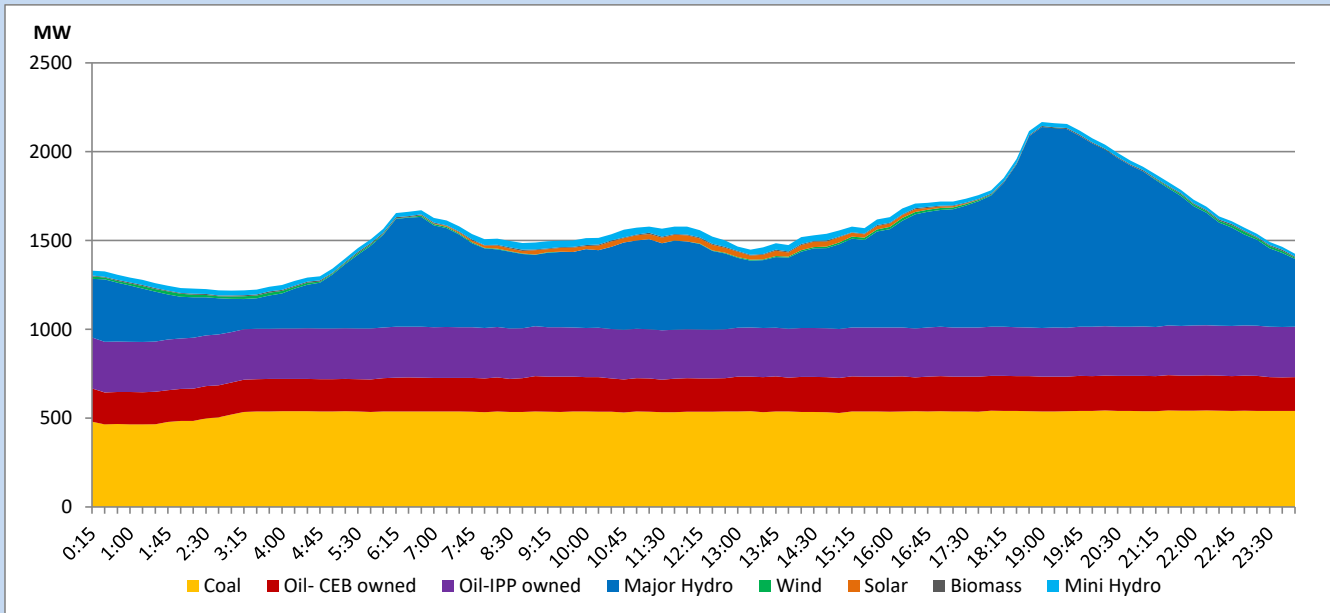


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

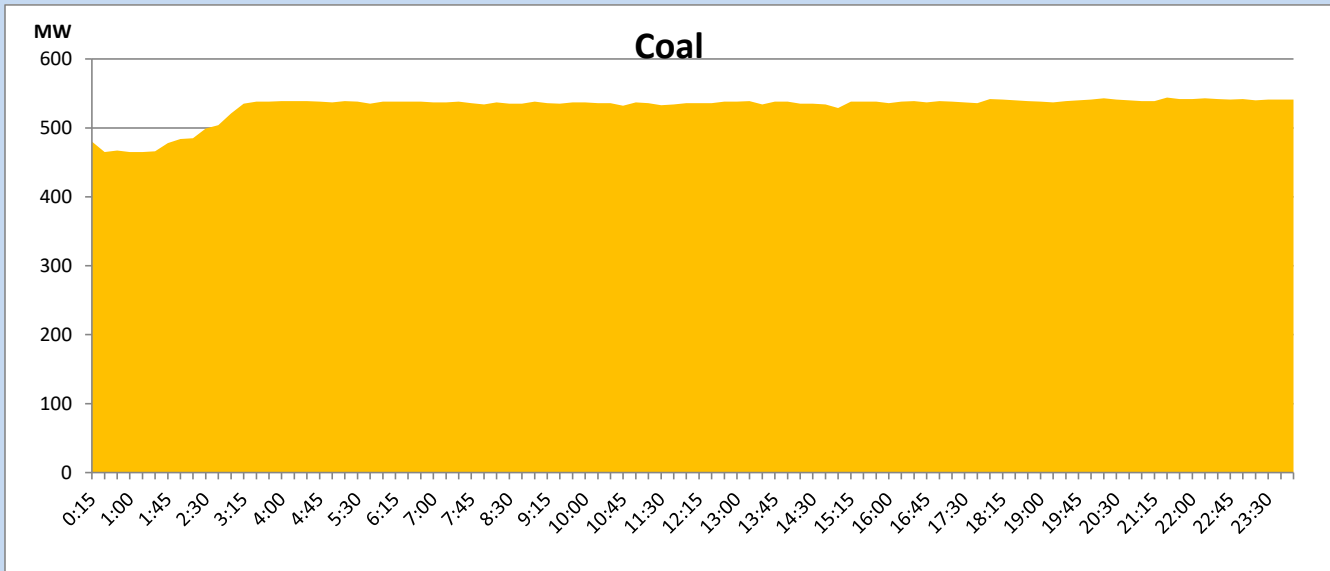
March 25, 2023

Solar and wind data is based on Telemetered Power Stations only



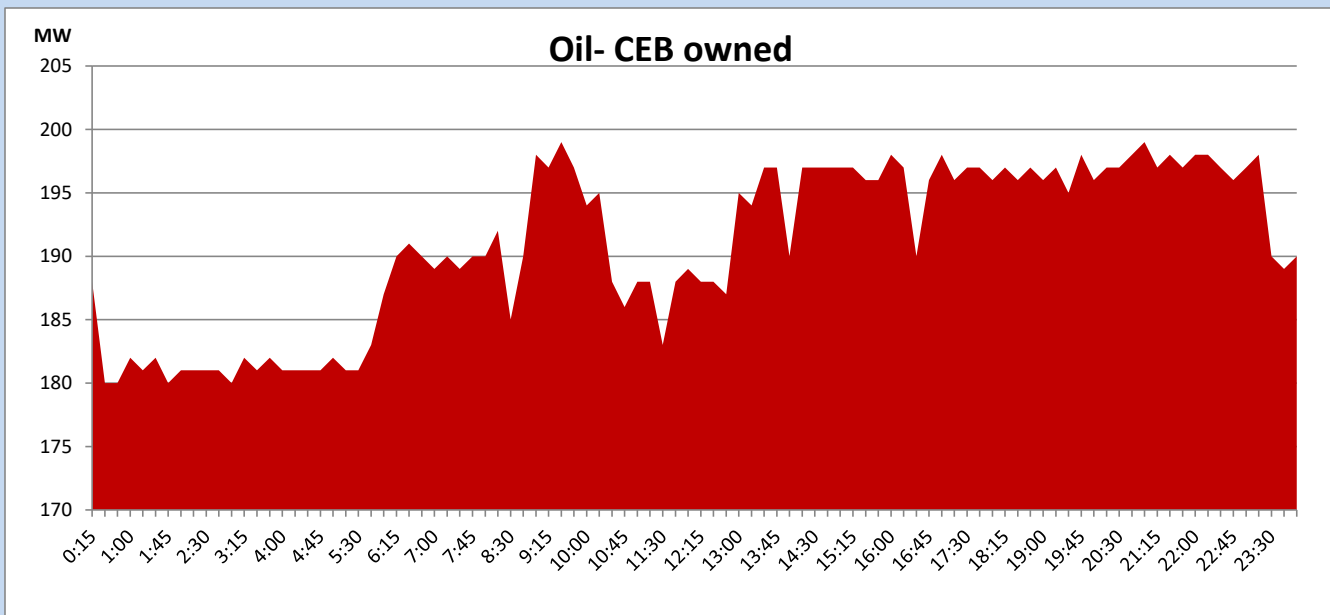
Coal Generation during

March 25, 2023



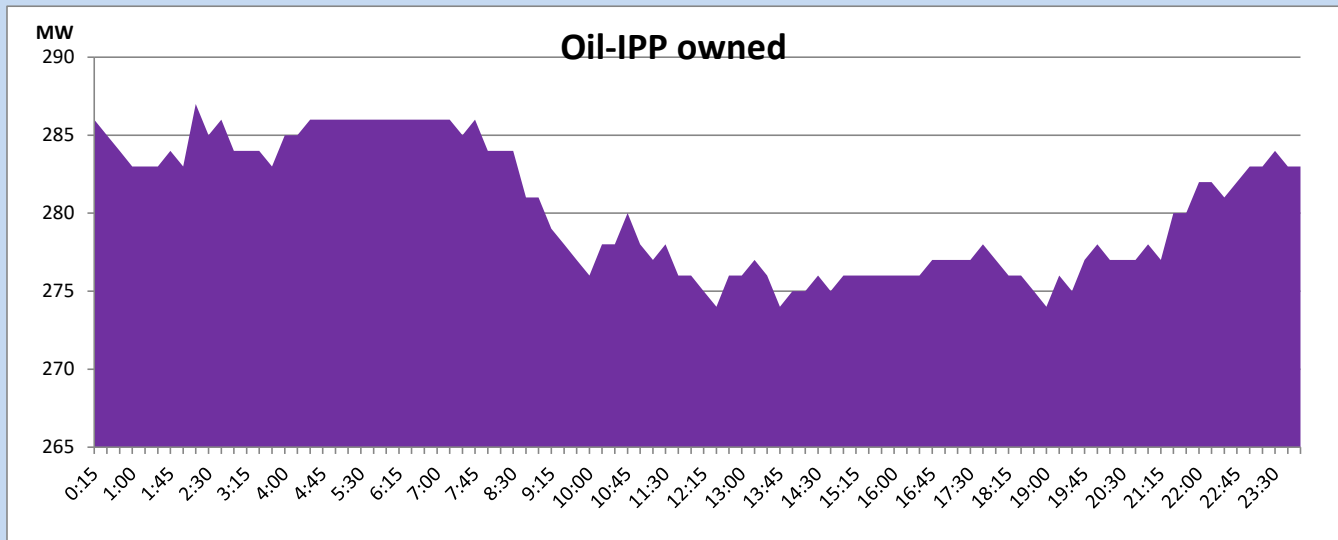
CEB Oil Plant Generation during

March 25, 2023



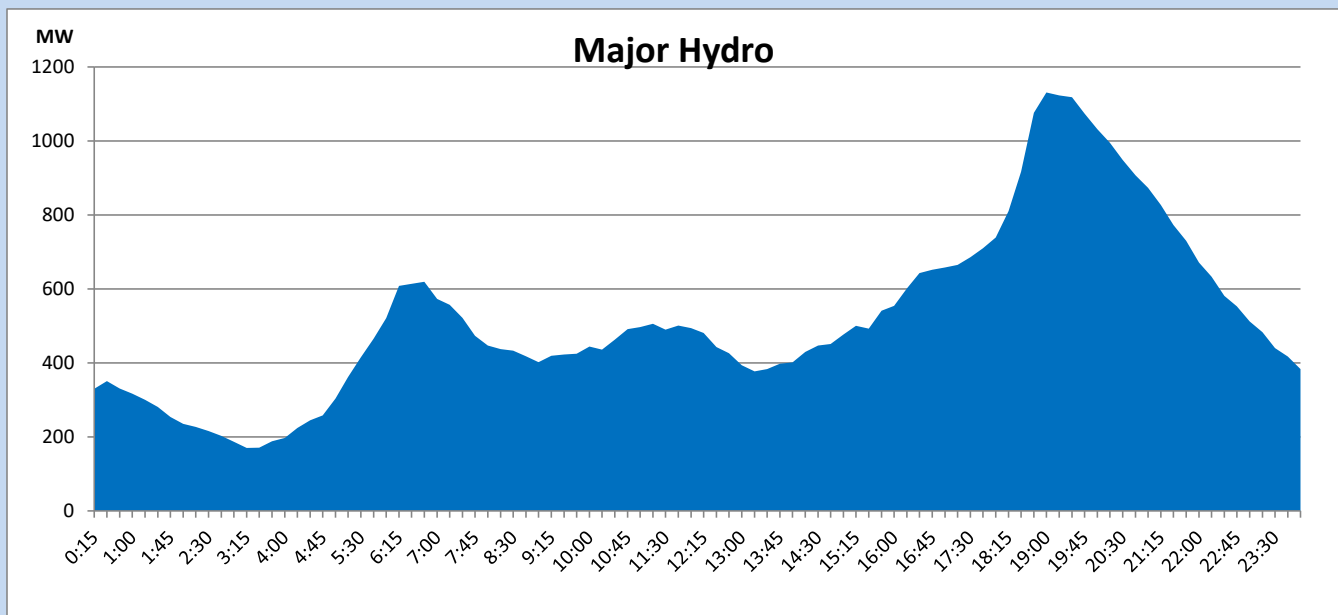
IPP Oil Plant Generation during

March 25, 2023



Major Hydro Generation during

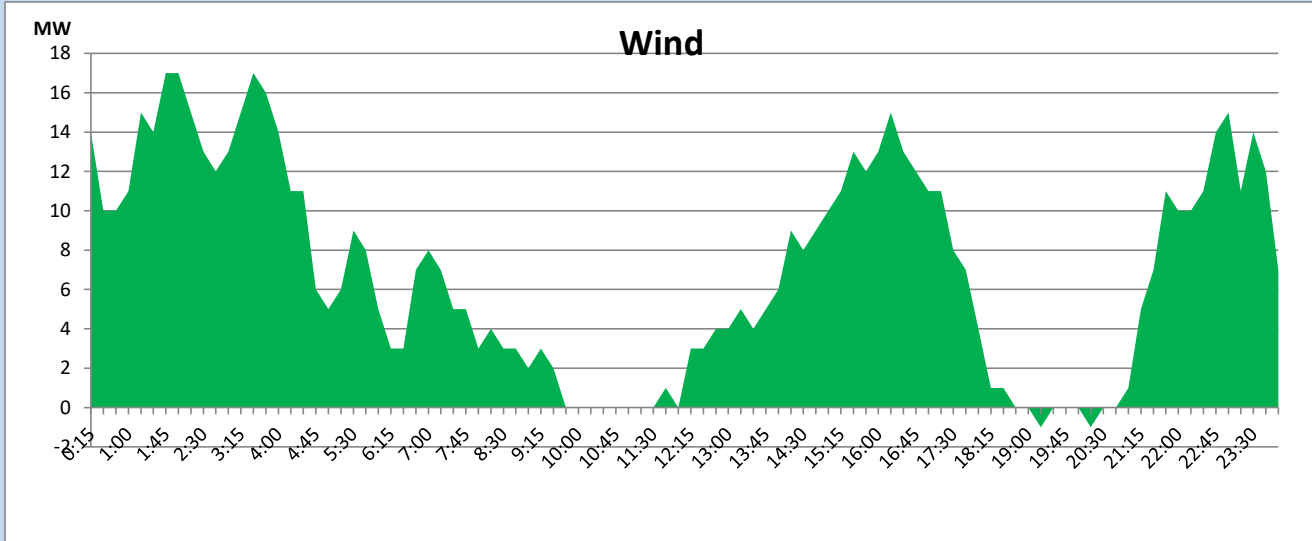
March 25, 2023



Wind Generation during

March 25, 2023

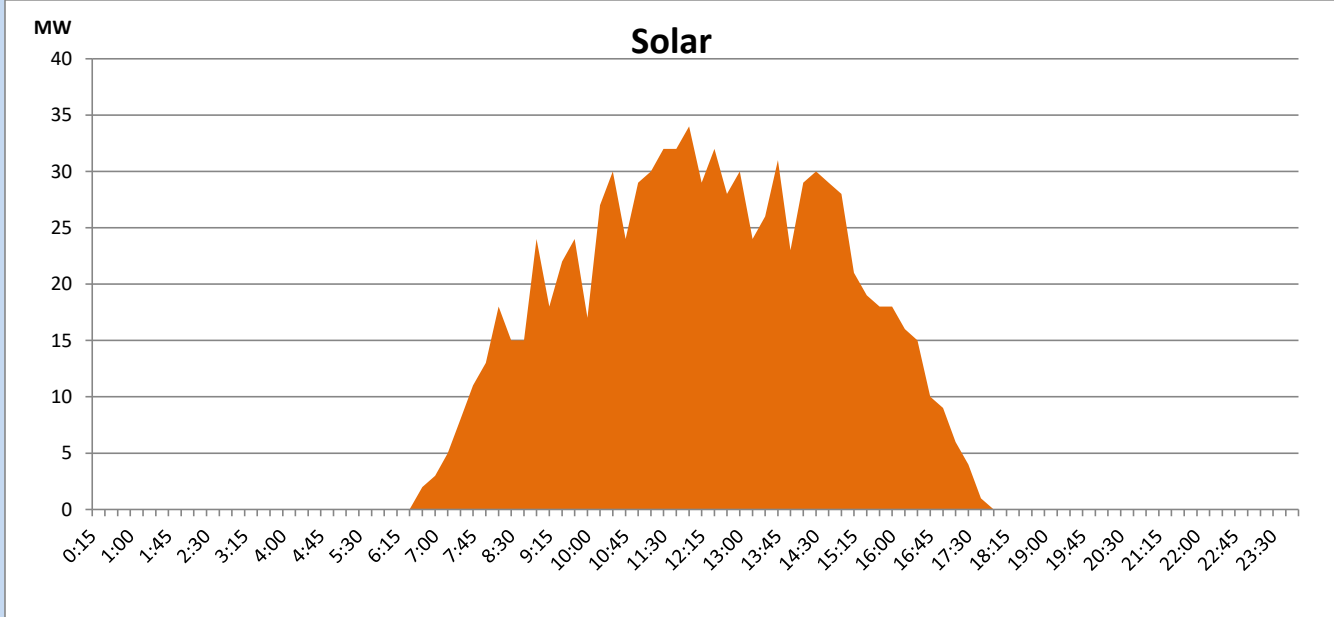
Based on Telemetered Power Stations only



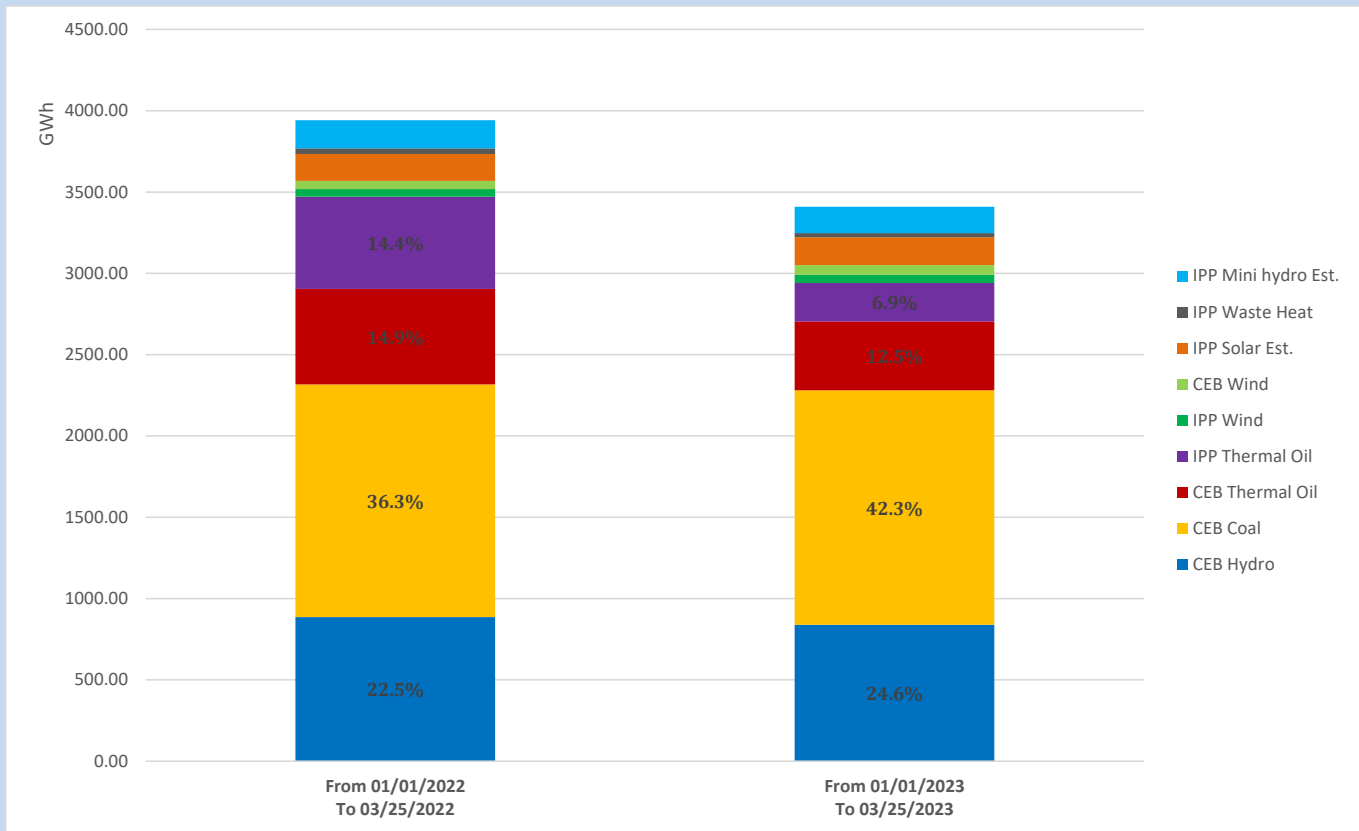
Solar Generation during

March 25, 2023

Based on Telemetered Power Stations only



Cumulative Dispatch Comparison with Last Year



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

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 25, 2023

- 1) Kelanitissa - Sojitz 220kV cable tripped at 07:53hrs and was restored at 14:57hrs.