

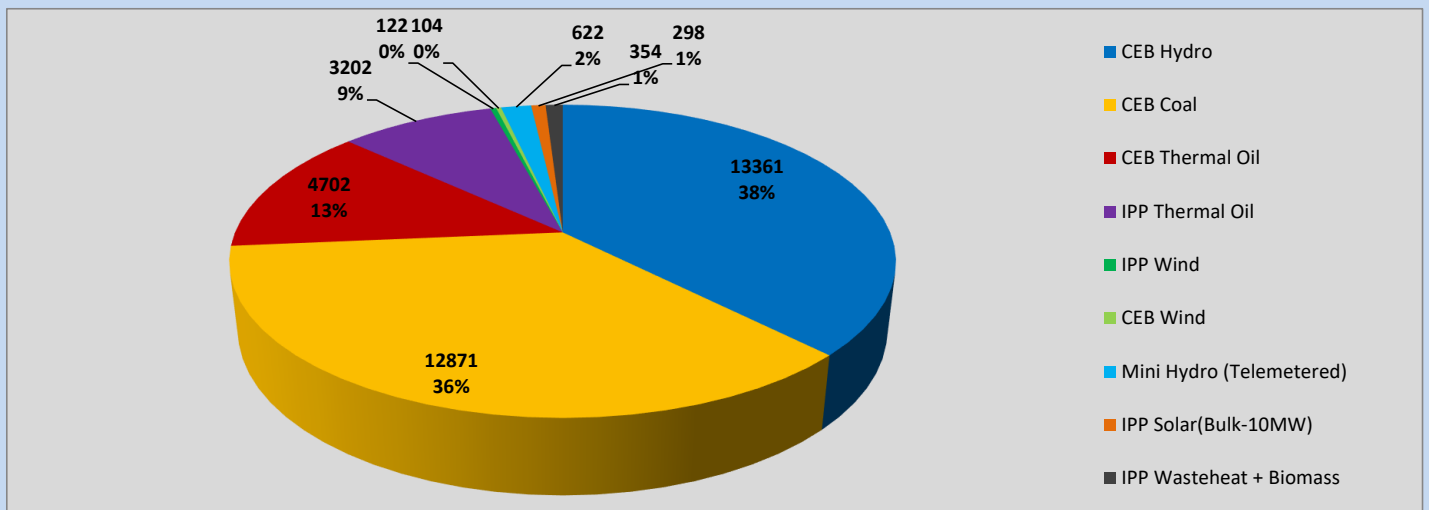
Generation and Reservoirs Statistics

March 26, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =



35,636 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh
 Estimated Mini Hydro (Non telemetered) = 688 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

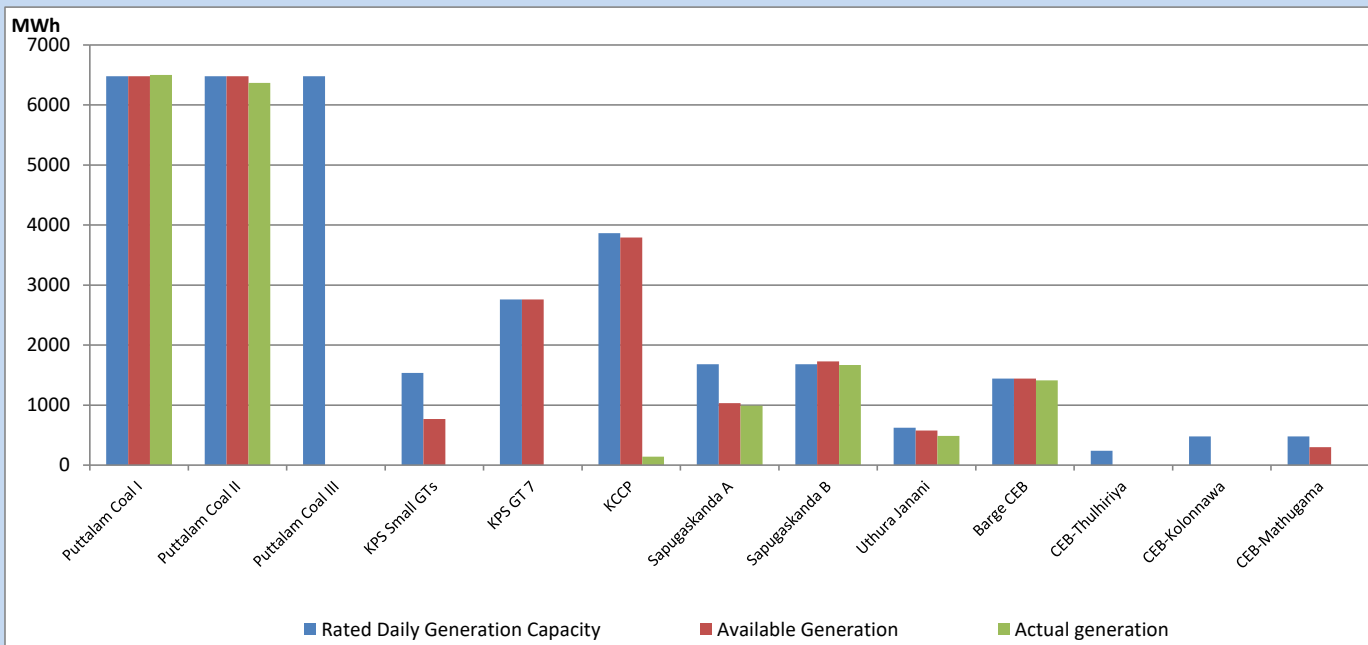
Category	Dispatch (GWh)	Percentage
CEB Hydro	250	24.48%
CEB Coal	451	44.05%
CEB Thermal Oil	152	14.89%
IPP Thermal	108	10.52%
SPP Wind	12	1.18%
CEB Wind	15	1.48%
Mini Hydro (Telemetered)	20	1.94%
IPP Solar(Bulk-10MW)	7	0.71%
IPP Wasteheat + BMP	8	0.75%
Total	1,023	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	852	26.63%
CEB Coal	1,455	45.48%
CEB Thermal Oil	429	13.42%
IPP Thermal	239	7.46%
SPP Wind	50	1.57%
CEB Wind	60	1.86%
Mini Hydro (Telemetered)	66	2.06%
IPP Solar(Bulk-10MW)	24	0.74%
IPP Wasteheat	25	0.77%
Total	3,199	

CEB owned Thermal Plant Dispatch

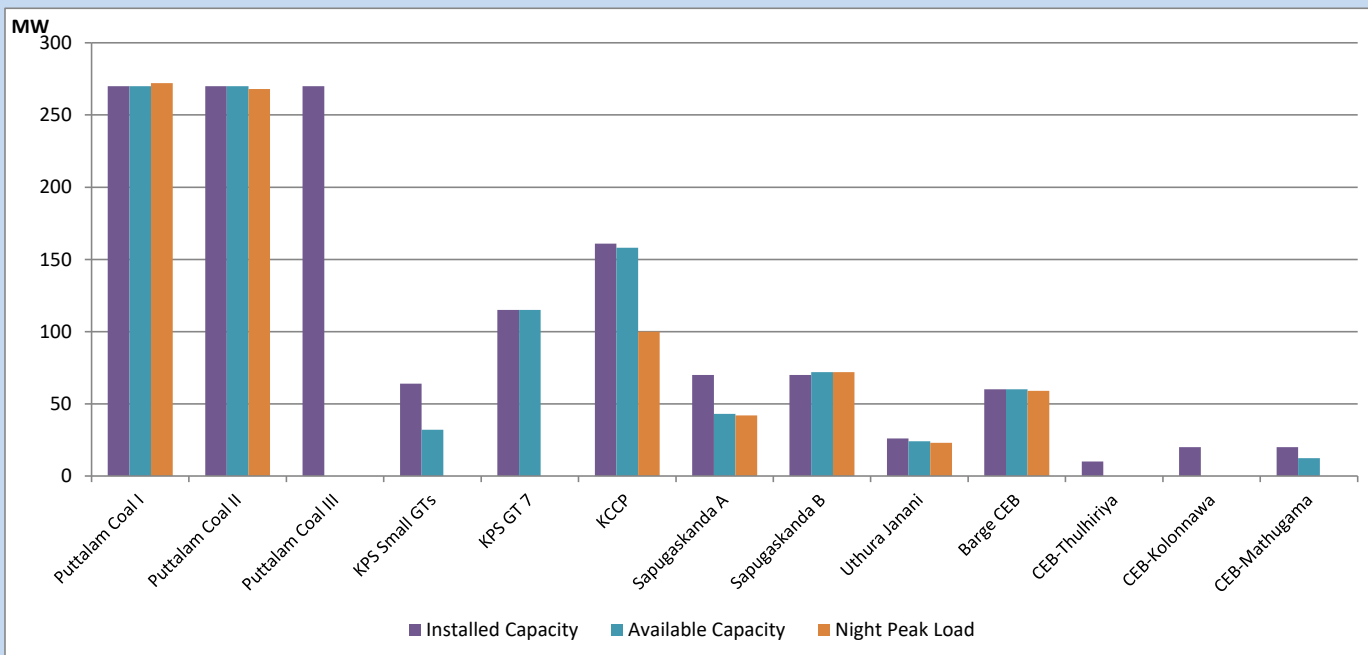
March 26, 2023



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

March 27, 2023

CEB owned Thermal Plant Loading at the Night Peak

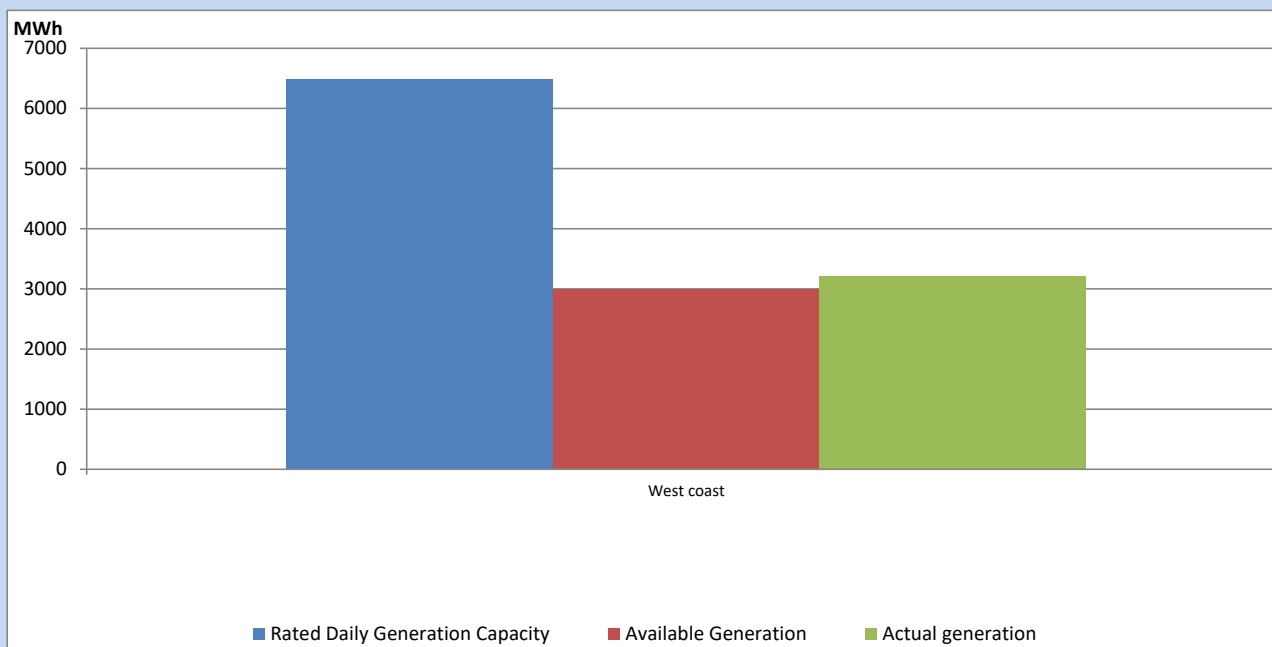


Note- Plant availability is recorded at 6.00 am on

March 27, 2023

IPP owned Thermal Plant Dispatch

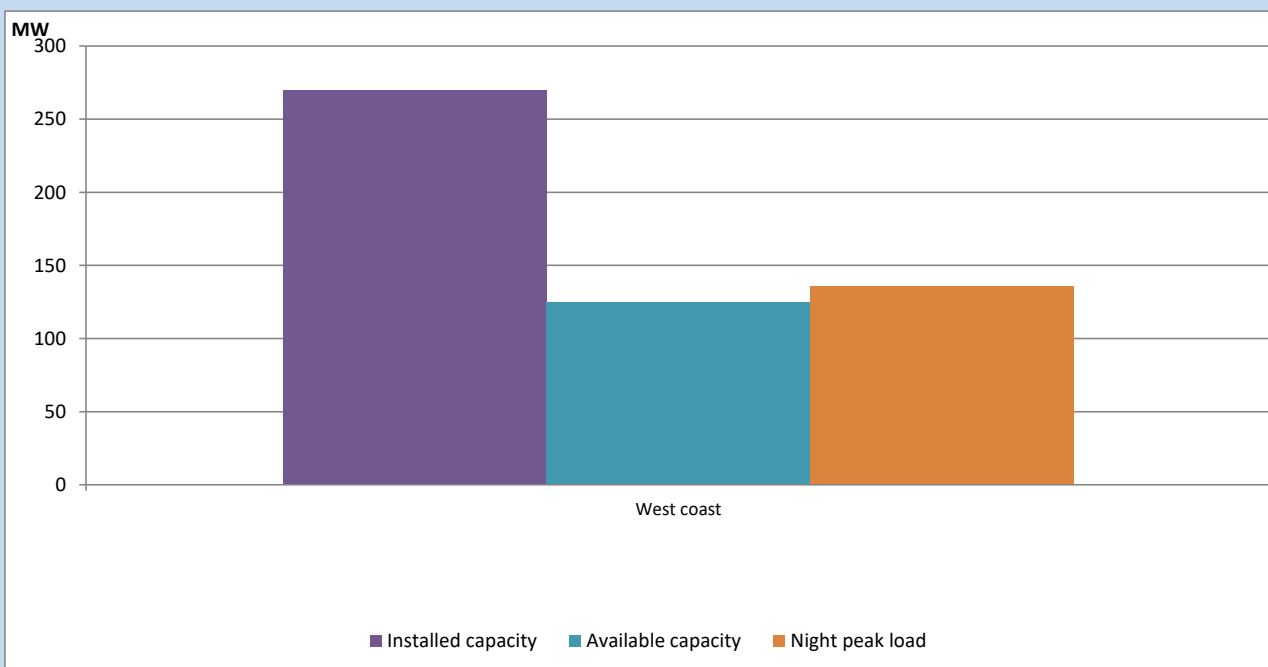
March 26, 2023



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

March 27, 2023

IPP owned Thermal Plant Loading at the Night Peak

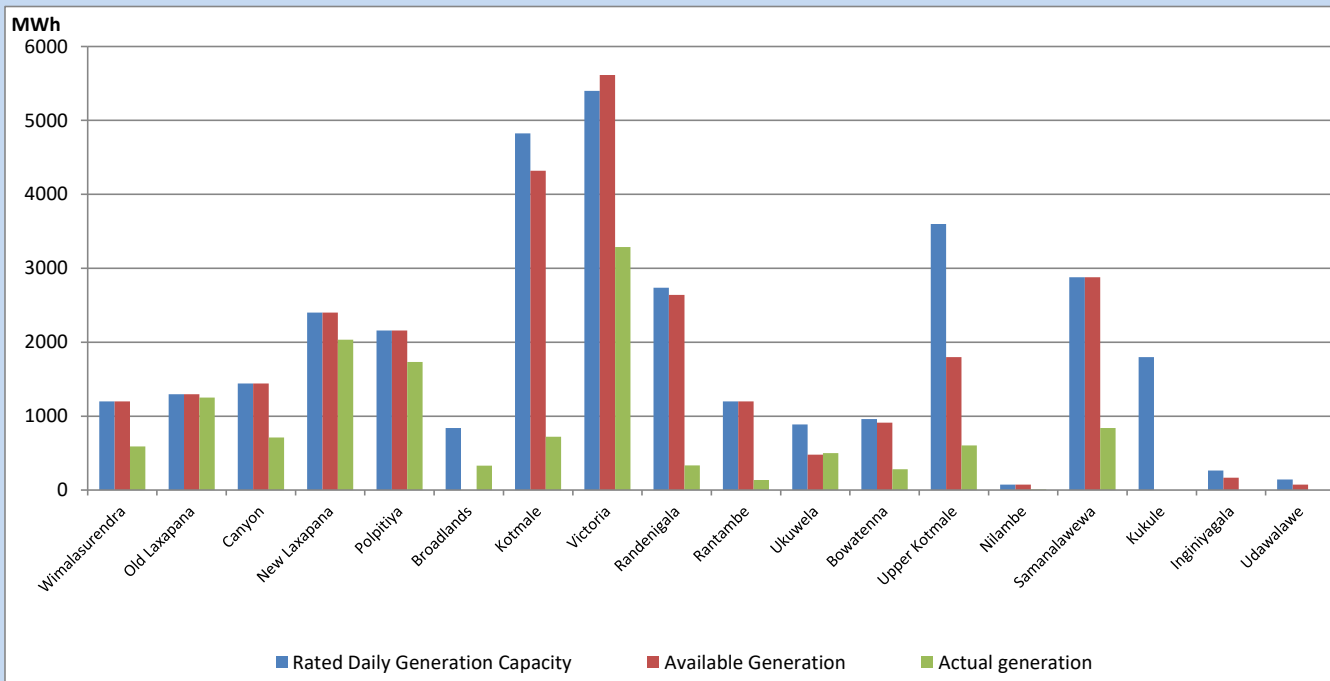


Note- Plant availability is recorded at 6.00 am on

March 27, 2023

Major Hydro Plant Dispatch

March 26, 2023

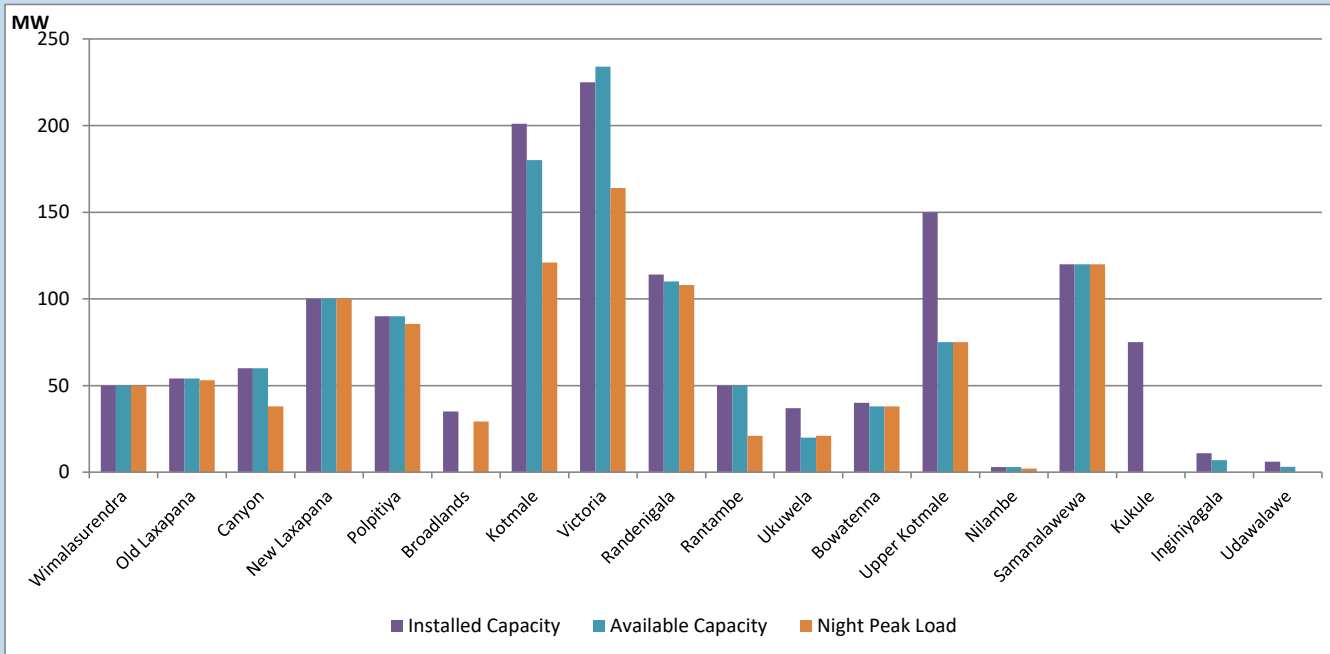


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

March 27, 2023

Major Hydro Plant Loading at Night Peak

March 26, 2023



Note- Plant availability is recorded at 6.00 am on

March 27, 2023

Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

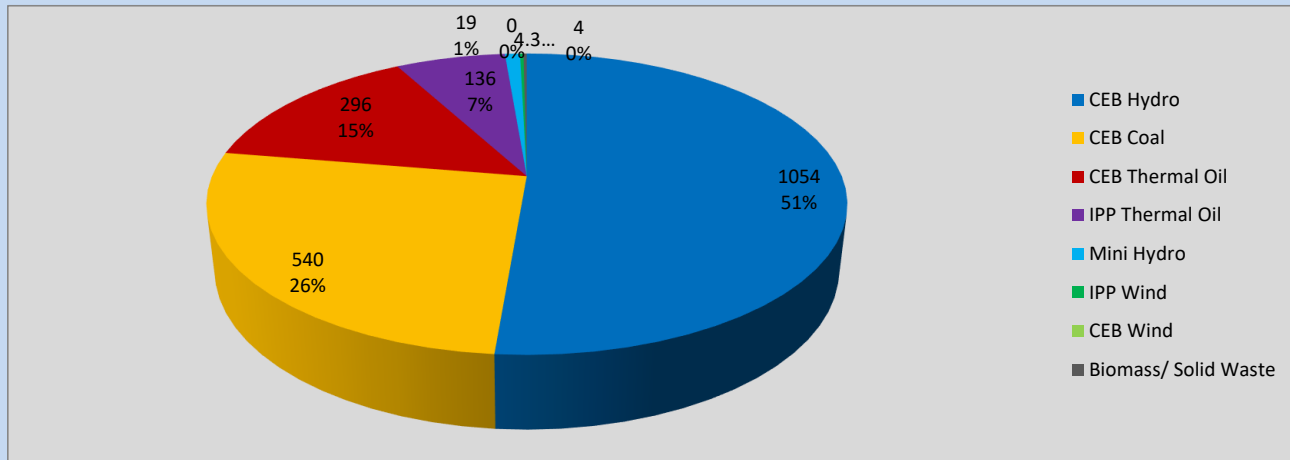
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	50	589
Old Laxapana	54	54	53	1,252
Canyon	60	60	38	711
New Laxapana	100	100	100	2,035
Polpitiya	90	90	86	1,734
Broadlands	35	0	29	329
Kotmale	201	180	121	720
Victoria	225	234	164	3,288
Randenigala	114	110	108	334
Rantambe	50	50	21	136
Ukuwela	37	20	21	500
Bowatenna	40	38	38	282
Upper Kotmale	150	75	75	603
Nilambe	3	3	2	8
Samanalawewa	120	120	120	840
Kukule	75	0	0	0
Inginiyagala	11	7	0	0
Udawalawe	6	3	0	0
Puttalam Coal I	270	270	272	6,501
Puttalam Coal II	270	270	268	6,370
Puttalam Coal III	270	0	0	0
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	158	100	141
Sapugaskanda A	70	43	42	990
Sapugaskanda B	70	72	72	1,670
Uthura Janani	26	24	23	488
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	125	136	3,202
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,376	2,025	35,636

Plant availability is the availability recorded at 6 am on

March 27, 2023

Contribution to the Night Peak in MW

March 26, 2023

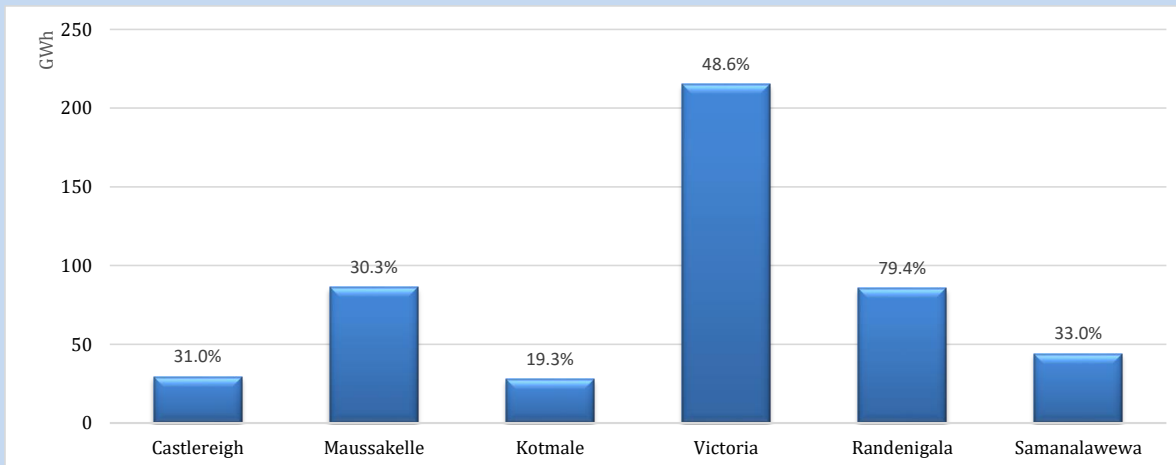


Night Peak*	2,053 MW
Day Peak	1,444 MW
Minimum Demand	1,263 MW

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

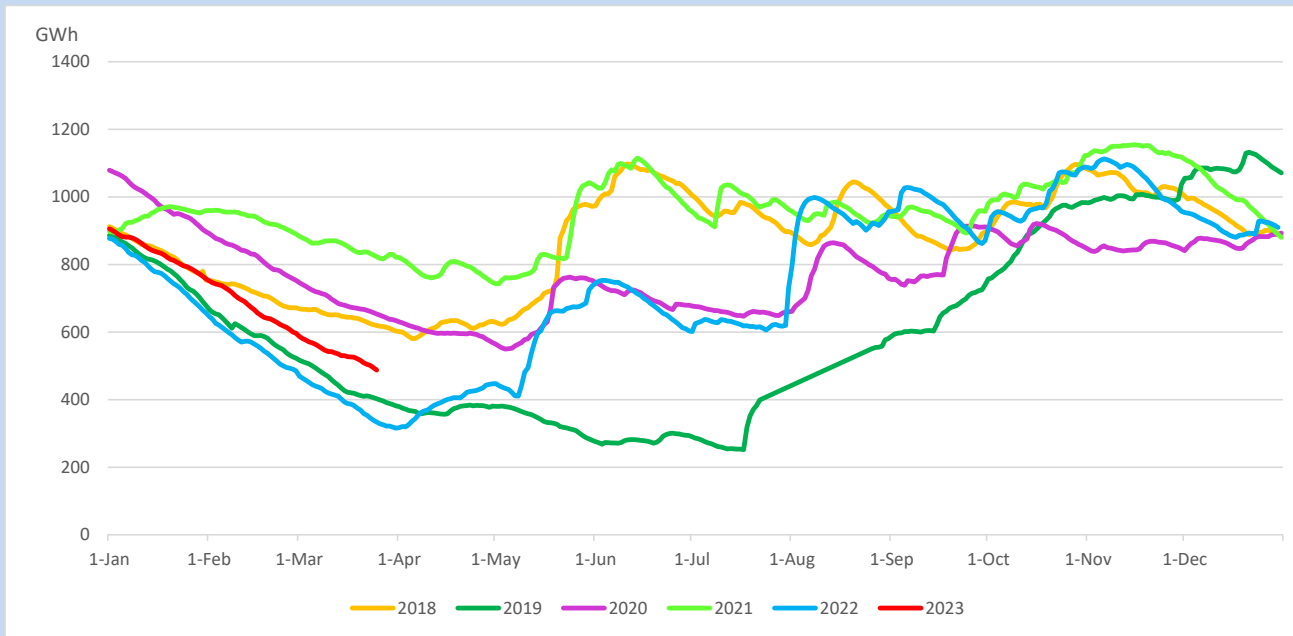
Reservoir Levels -

as at 06.00 Hr on March 27, 2023

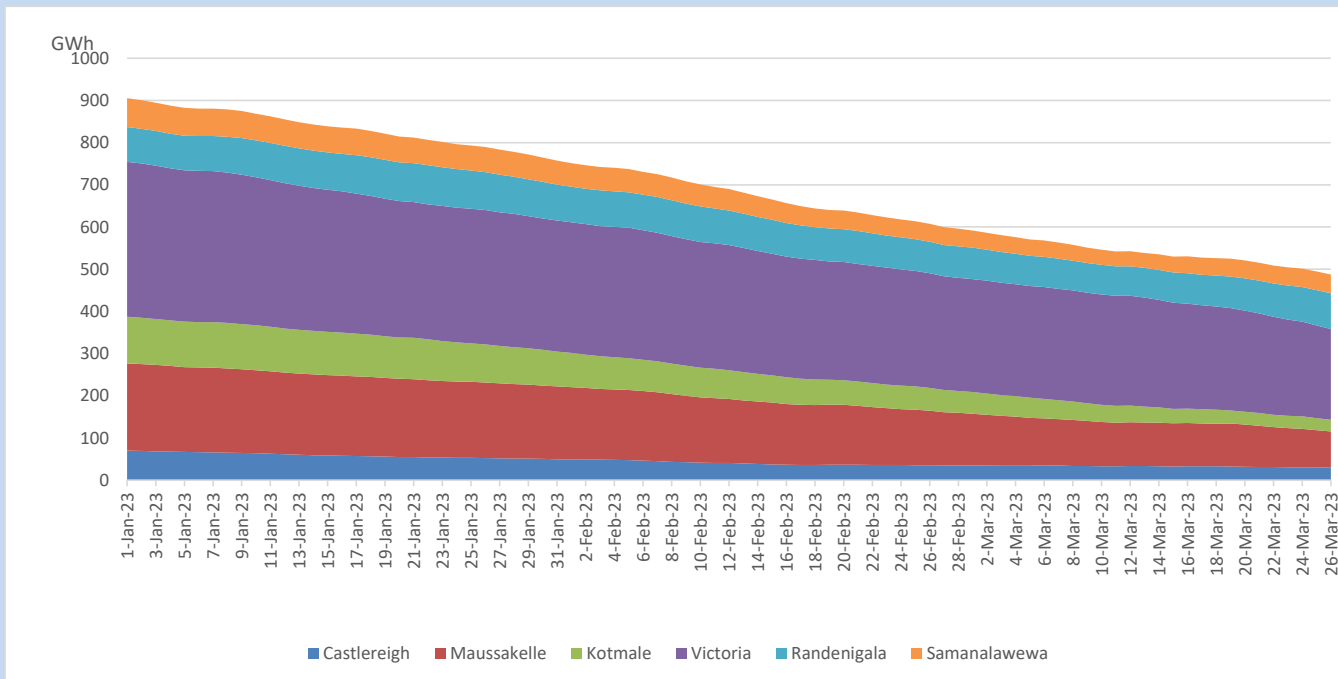


Total Reservoir Level	487.4 GWh
% of Total capacity	40.4%

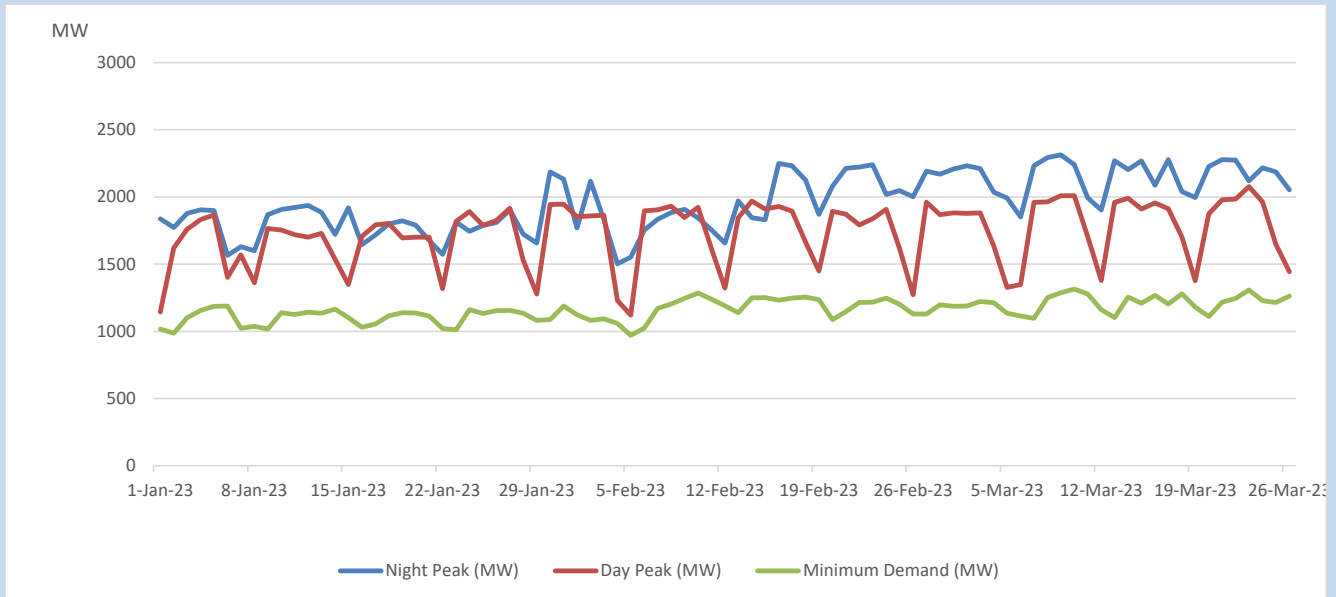
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

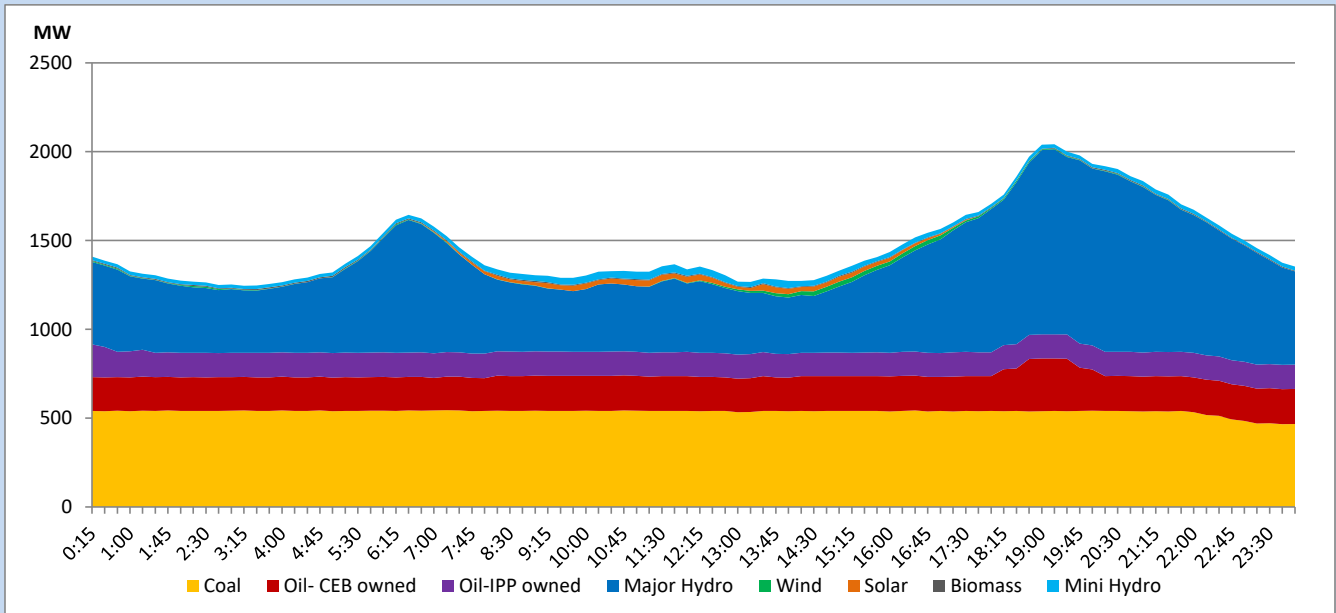


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

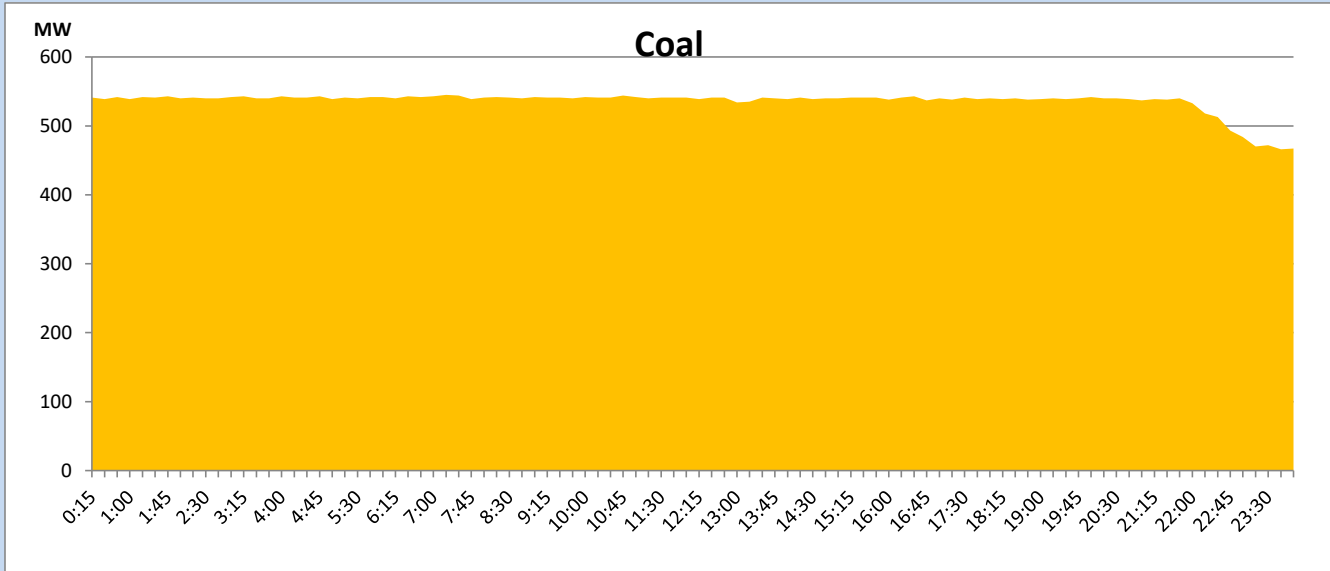
March 26, 2023

Solar and wind data is based on Telemetered Power Stations only



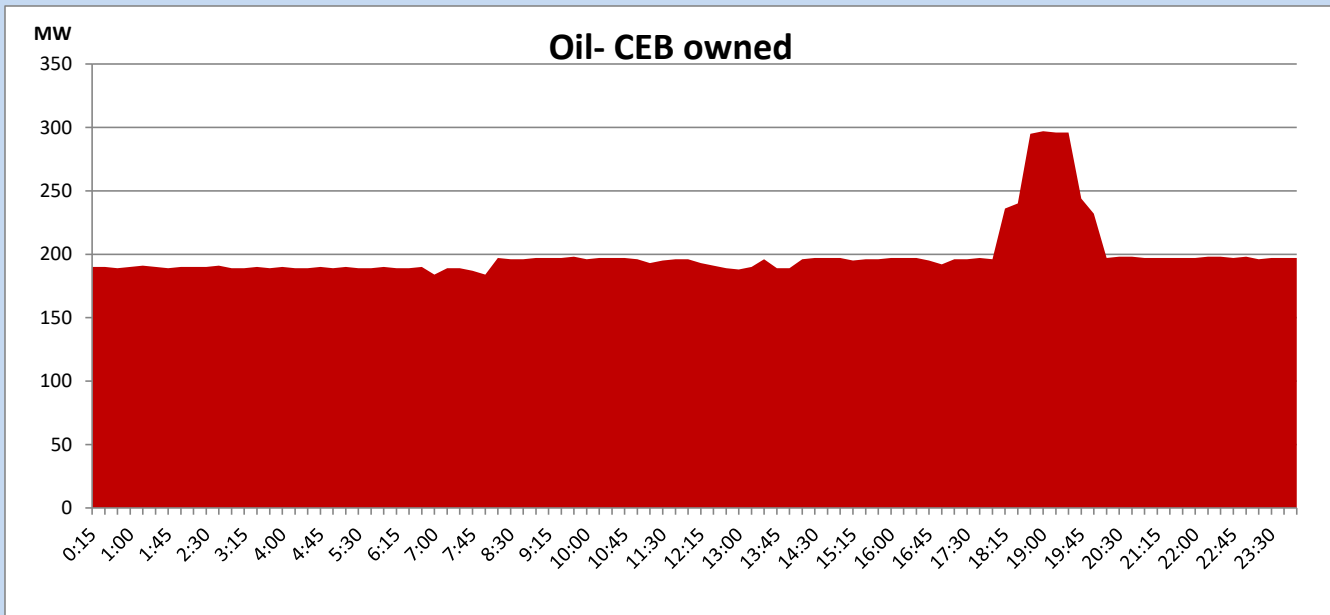
Coal Generation during

March 26, 2023



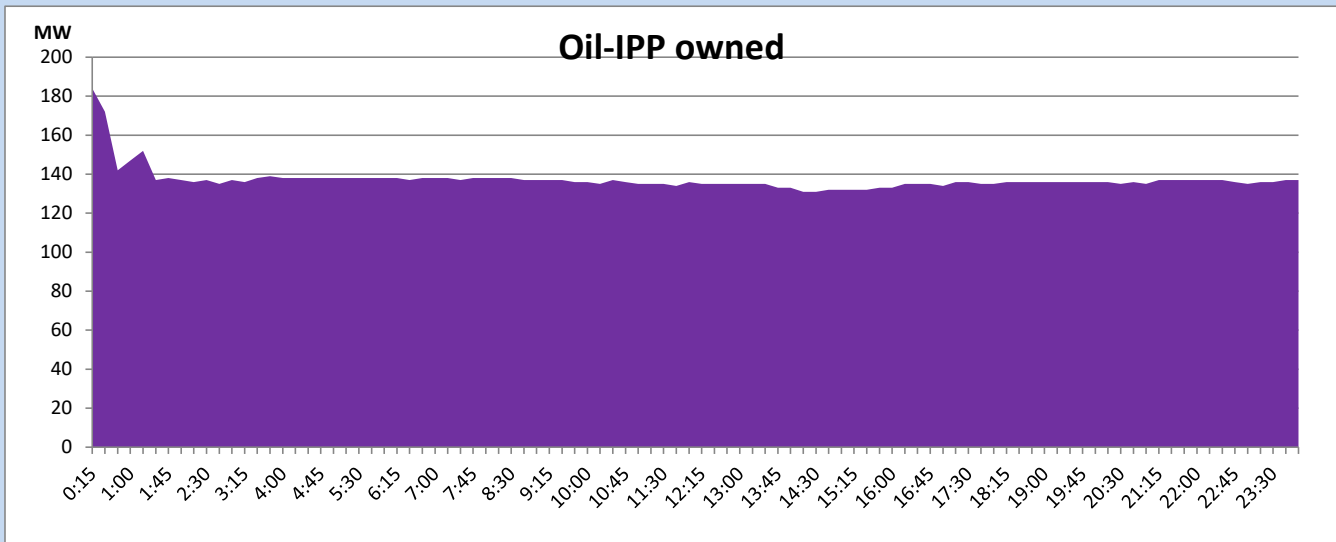
CEB Oil Plant Generation during

March 26, 2023



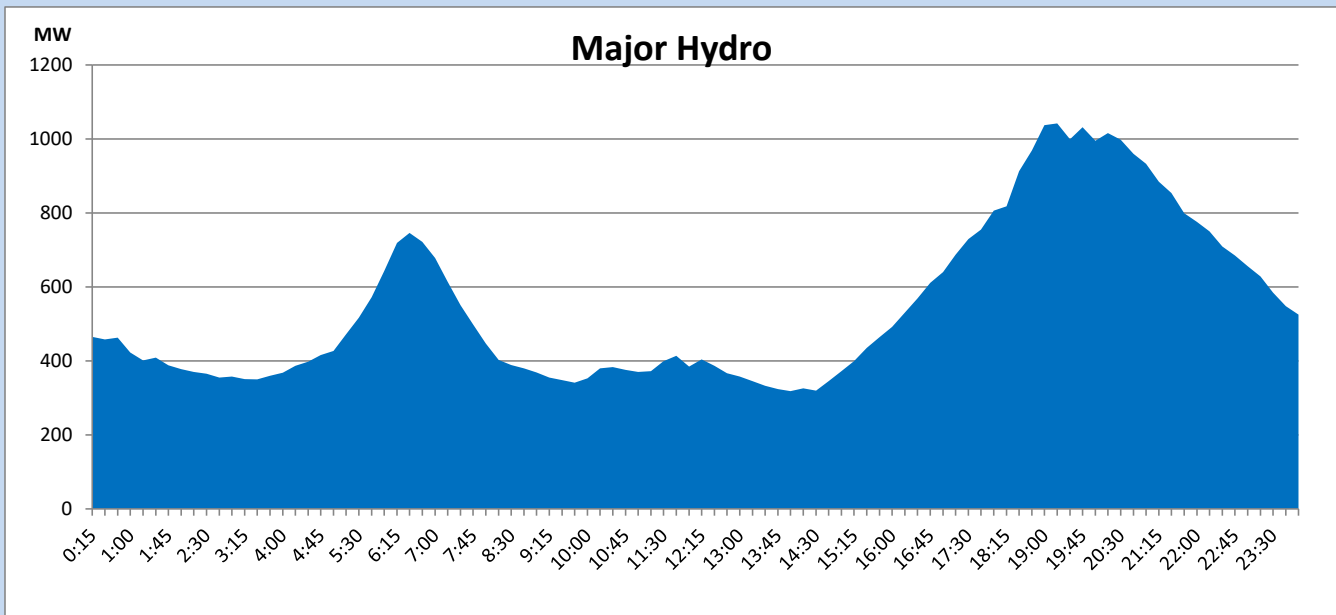
IPP Oil Plant Generation during

March 26, 2023



Major Hydro Generation during

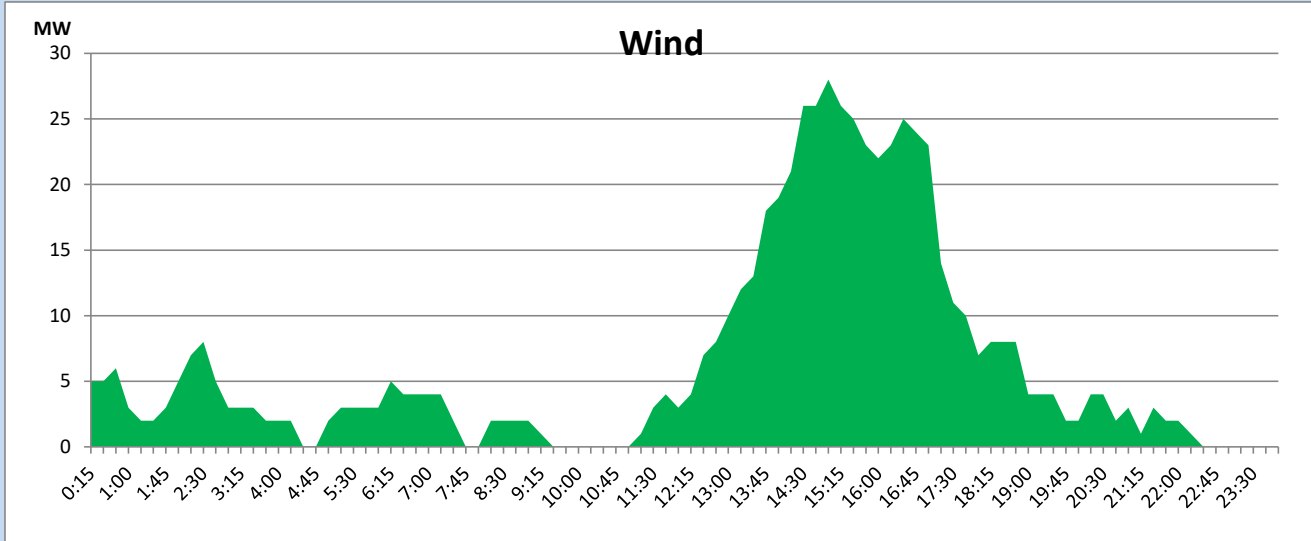
March 26, 2023



Wind Generation during

March 26, 2023

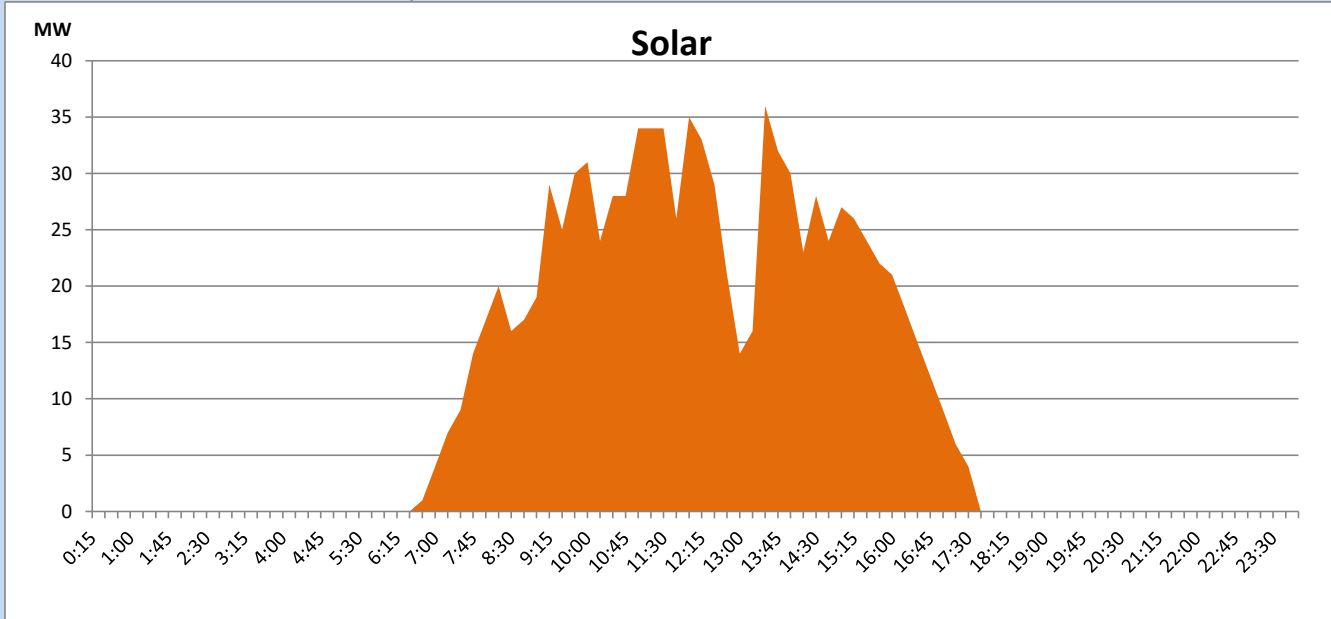
Based on Telemetered Power Stations only



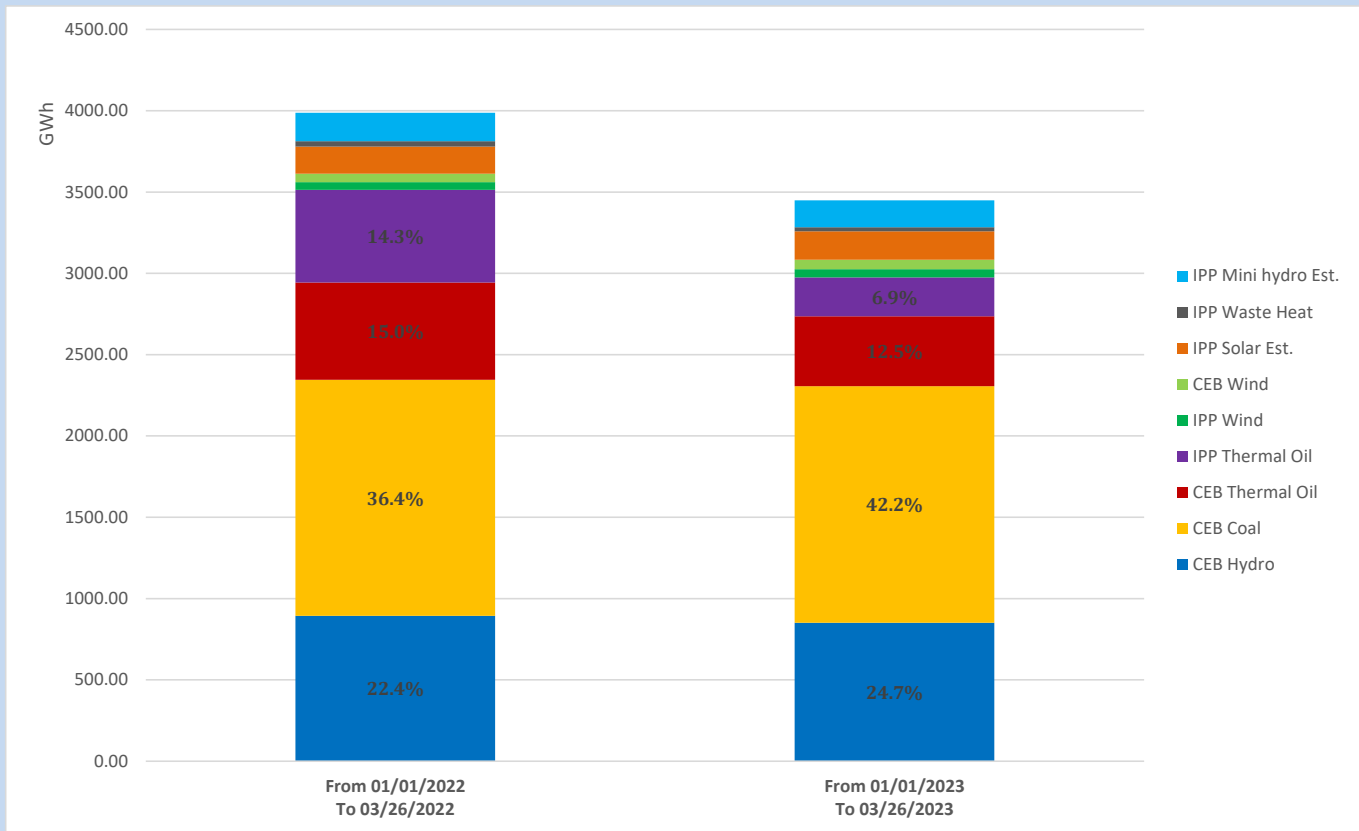
Solar Generation during

March 26, 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 26, 2023

1)Null.