

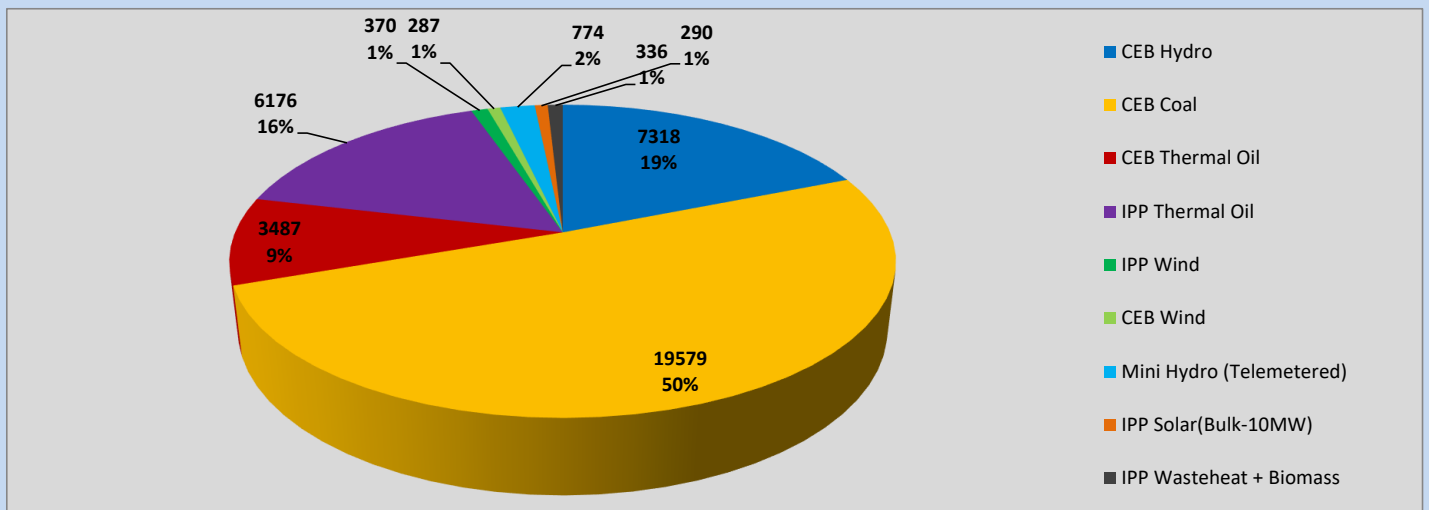
Generation and Reservoirs Statistics

March 18, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =



38,617 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh
 Estimated Mini Hydro (Non telemetered) = 536 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

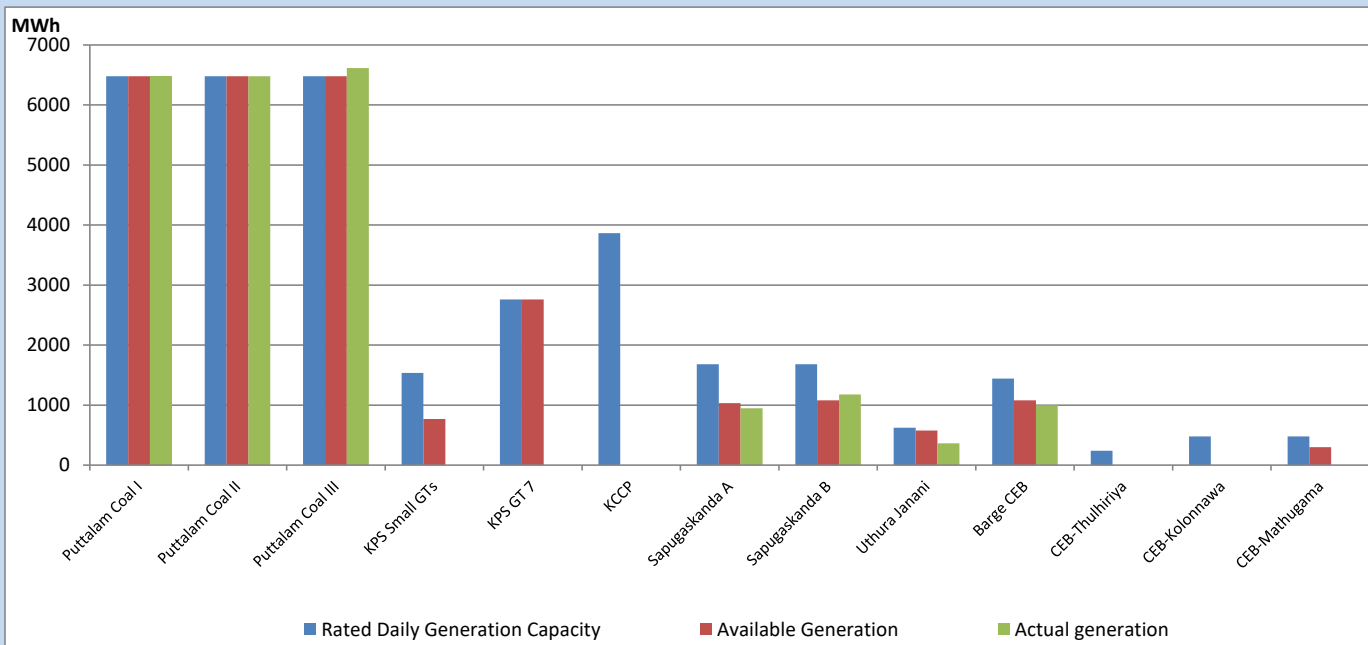
Category	Dispatch (GWh)	Percentage
CEB Hydro	151	21.24%
CEB Coal	348	49.08%
CEB Thermal Oil	101	14.17%
IPP Thermal	63	8.88%
SPP Wind	10	1.48%
CEB Wind	13	1.85%
Mini Hydro (Telemetered)	13	1.87%
IPP Solar (Bulk-10MW)	5	0.68%
IPP Wasteheat + BMP	5	0.75%
Total	709	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	752	26.06%
CEB Coal	1,352	46.87%
CEB Thermal Oil	378	13.09%
IPP Thermal	194	6.73%
SPP Wind	49	1.68%
CEB Wind	58	1.99%
Mini Hydro (Telemetered)	59	2.06%
IPP Solar (Bulk-10MW)	21	0.74%
IPP Wasteheat	22	0.78%
Total	2,885	

CEB owned Thermal Plant Dispatch

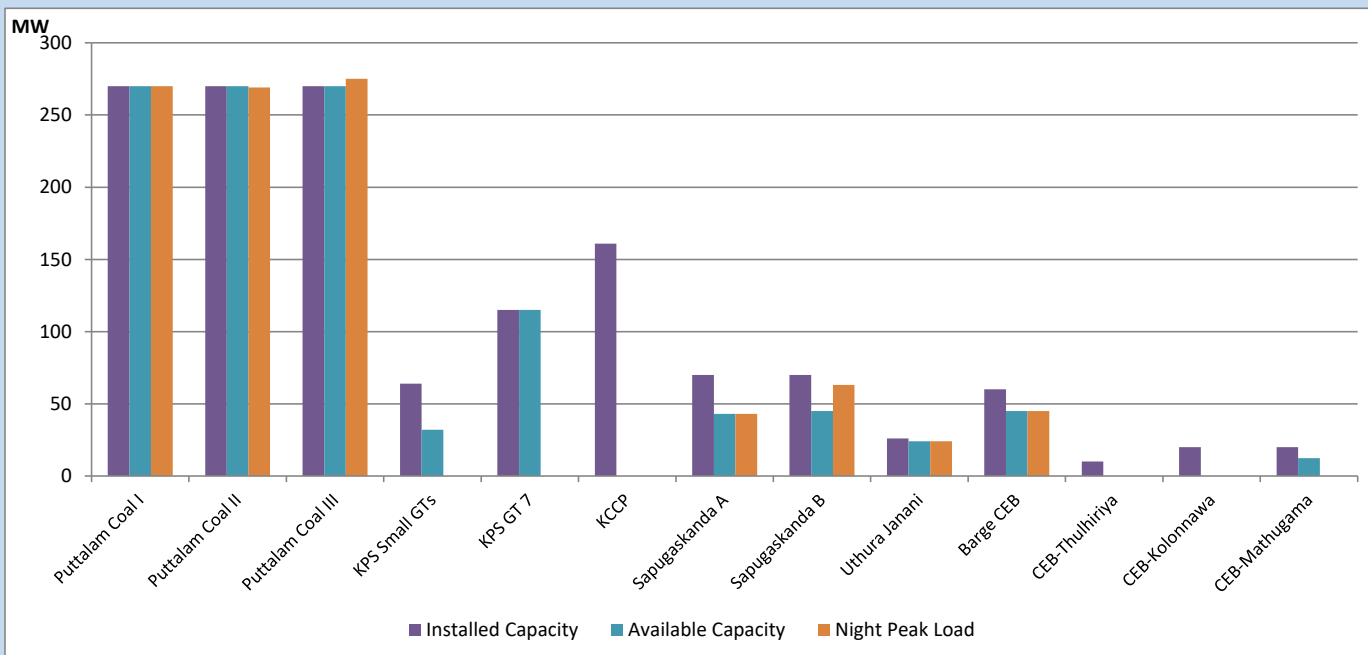
March 18, 2023



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

March 19, 2023

CEB owned Thermal Plant Loading at the Night Peak

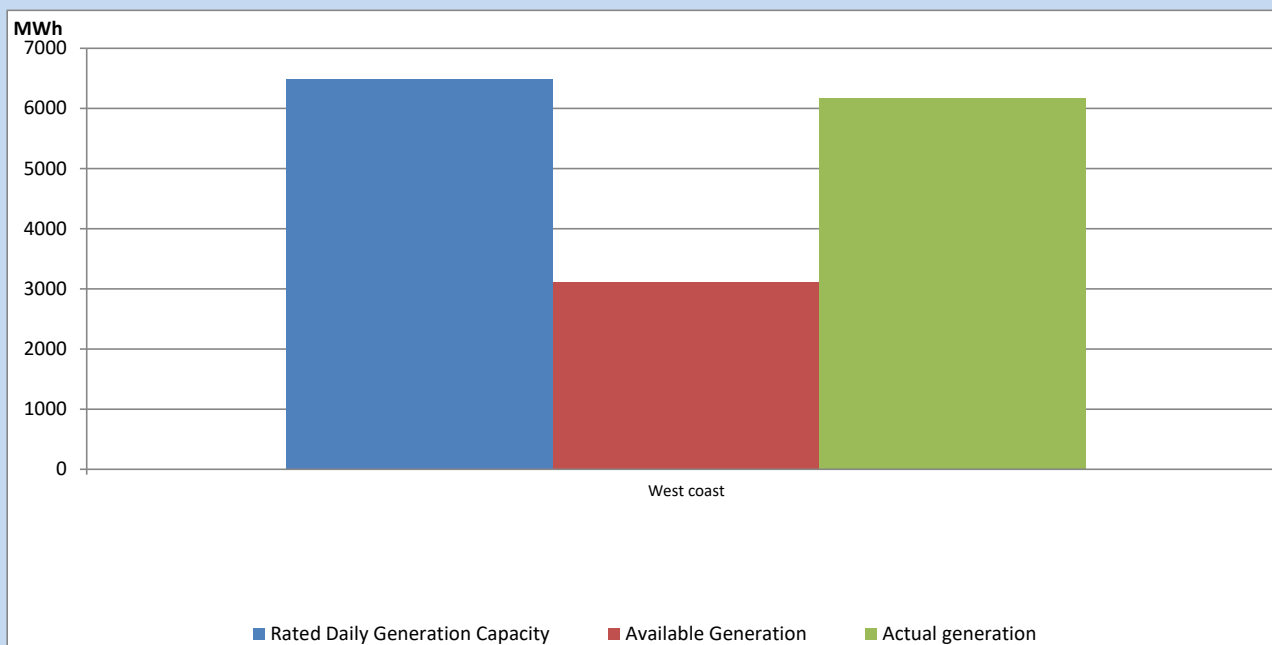


Note- Plant availability is recorded at 6.00 am on

March 19, 2023

IPP owned Thermal Plant Dispatch

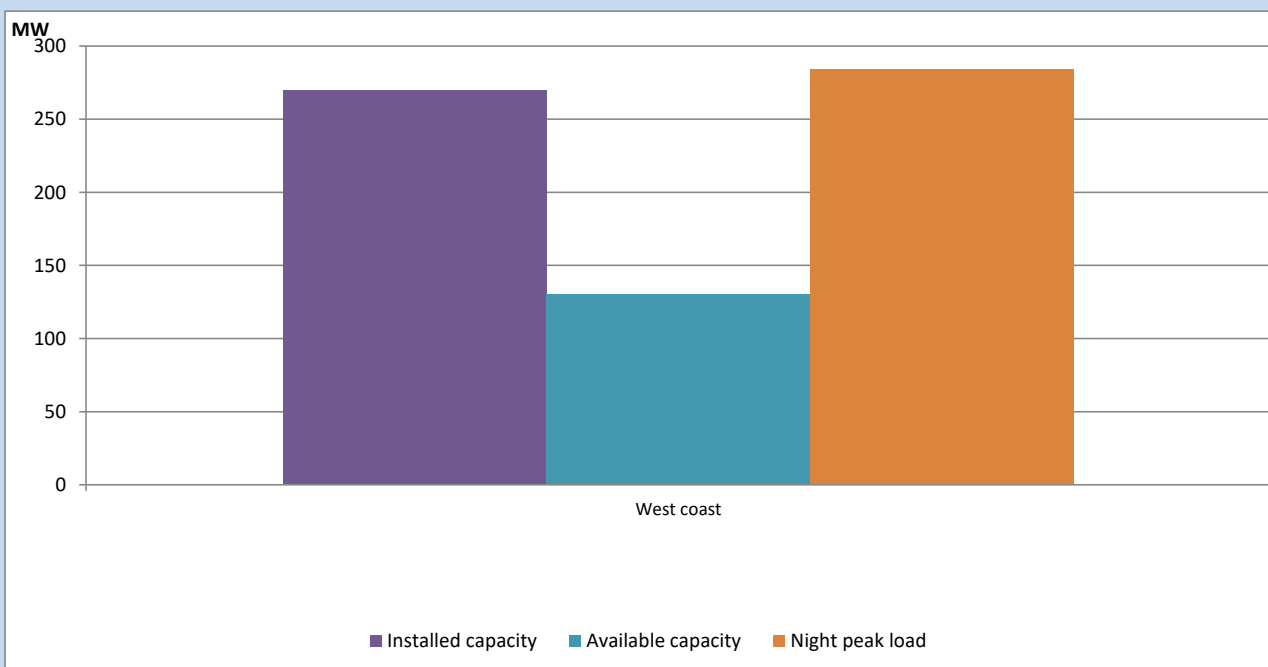
March 18, 2023



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

March 19, 2023

IPP owned Thermal Plant Loading at the Night Peak

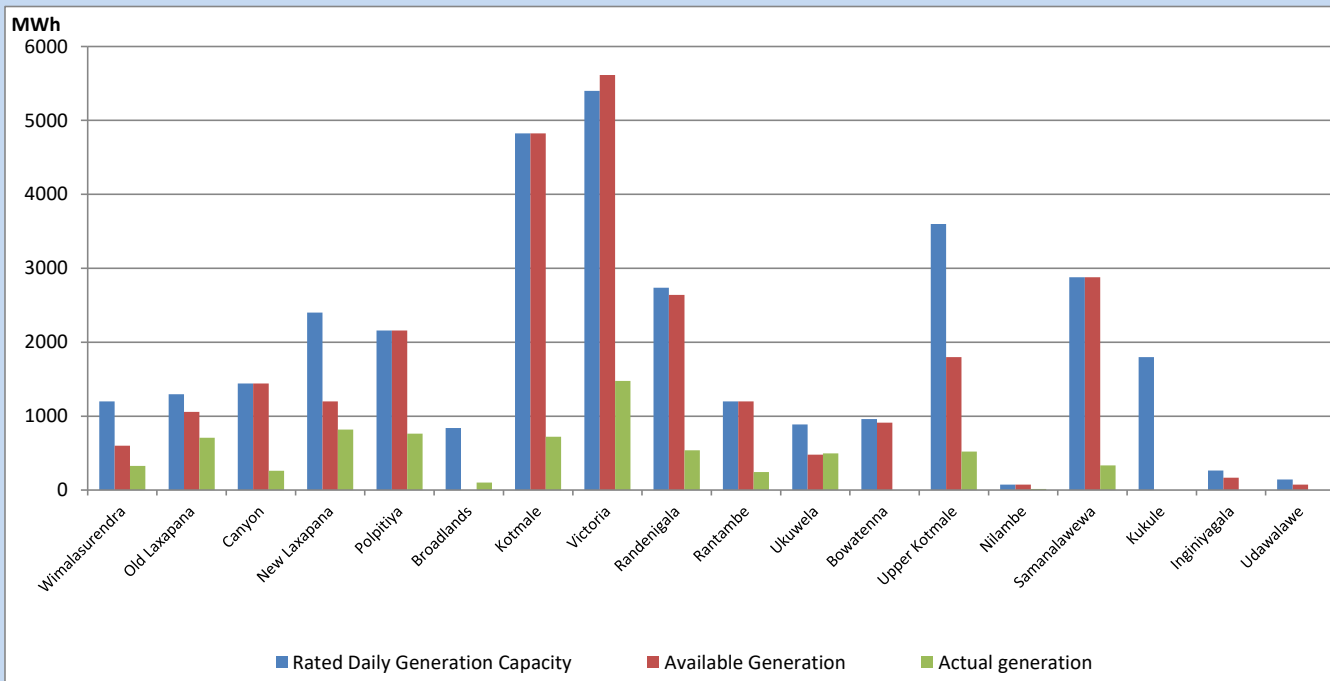


Note- Plant availability is recorded at 6.00 am on

March 19, 2023

Major Hydro Plant Dispatch

March 18, 2023

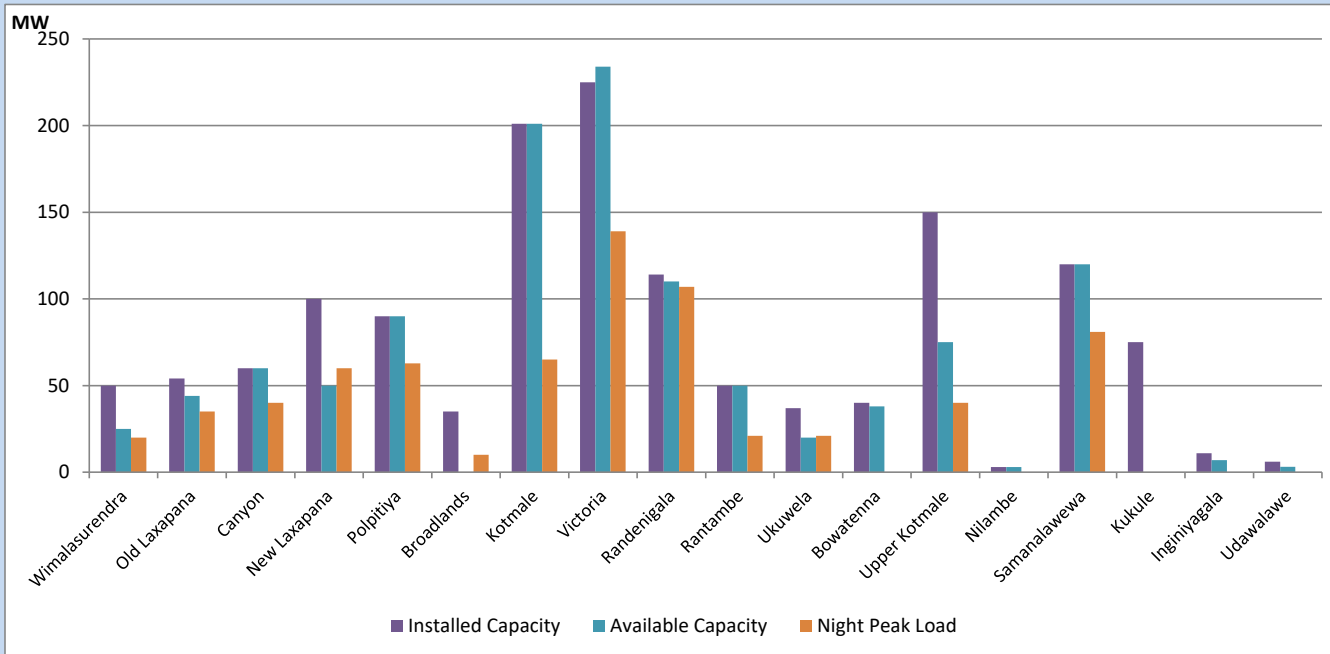


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

March 19, 2023

Major Hydro Plant Loading at Night Peak

March 18, 2023



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

March 19, 2023

Summary of Major Plant performance

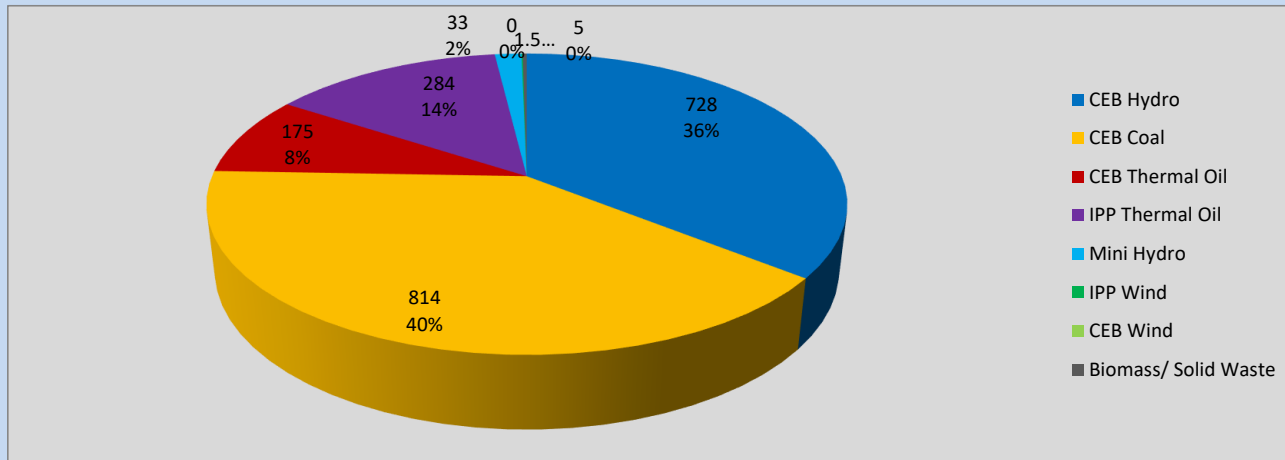
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	20	326
Old Laxapana	54	44	35	707
Canyon	60	60	40	259
New Laxapana	100	50	60	818
Polpitiya	90	90	63	764
Broadlands	35	0	10	101
Kotmale	201	201	65	720
Victoria	225	234	139	1,477
Randenigala	114	110	107	539
Rantambe	50	50	21	244
Ukuwela	37	20	21	496
Bowatenna	40	38	0	0
Upper Kotmale	150	75	40	519
Nilambe	3	3	0	15
Samanalawewa	120	120	81	333
Kukule	75	0	0	0
Inginiyagala	11	7	0	0
Udawalawe	6	3	0	0
Puttalam Coal I	270	270	270	6,485
Puttalam Coal II	270	270	269	6,479
Puttalam Coal III	270	270	275	6,615
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	43	43	949
Sapugaskanda B	70	45	63	1,176
Uthura Janani	26	24	24	362
Barge CEB	60	45	45	1,000
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	284	6,176
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,387	2,014	38,617

Plant availability is the availability recorded at 6 am on

March 19, 2023

Contribution to the Night Peak in MW

March 18, 2023

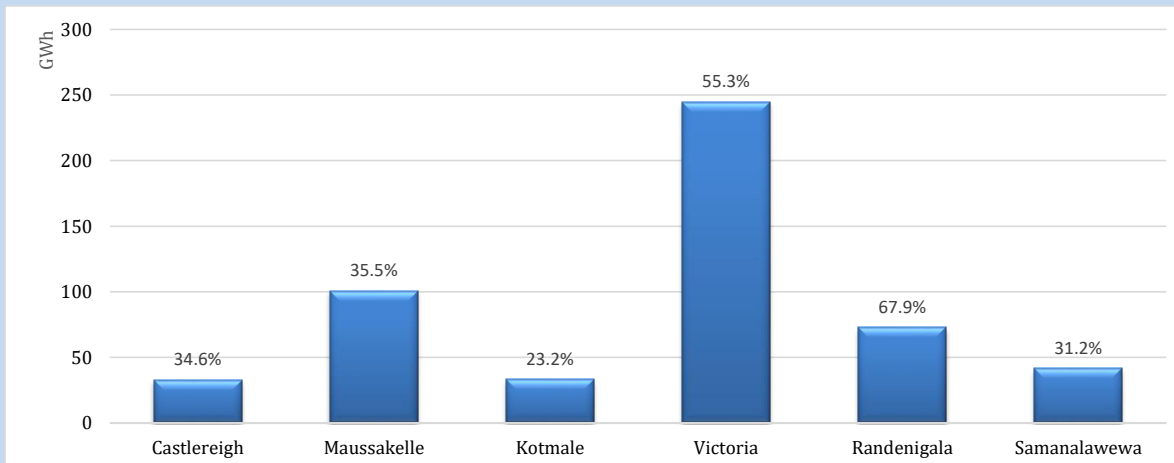


Night Peak*	2,040 MW
Day Peak	1,703 MW
Minimum Demand	1,279 MW

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

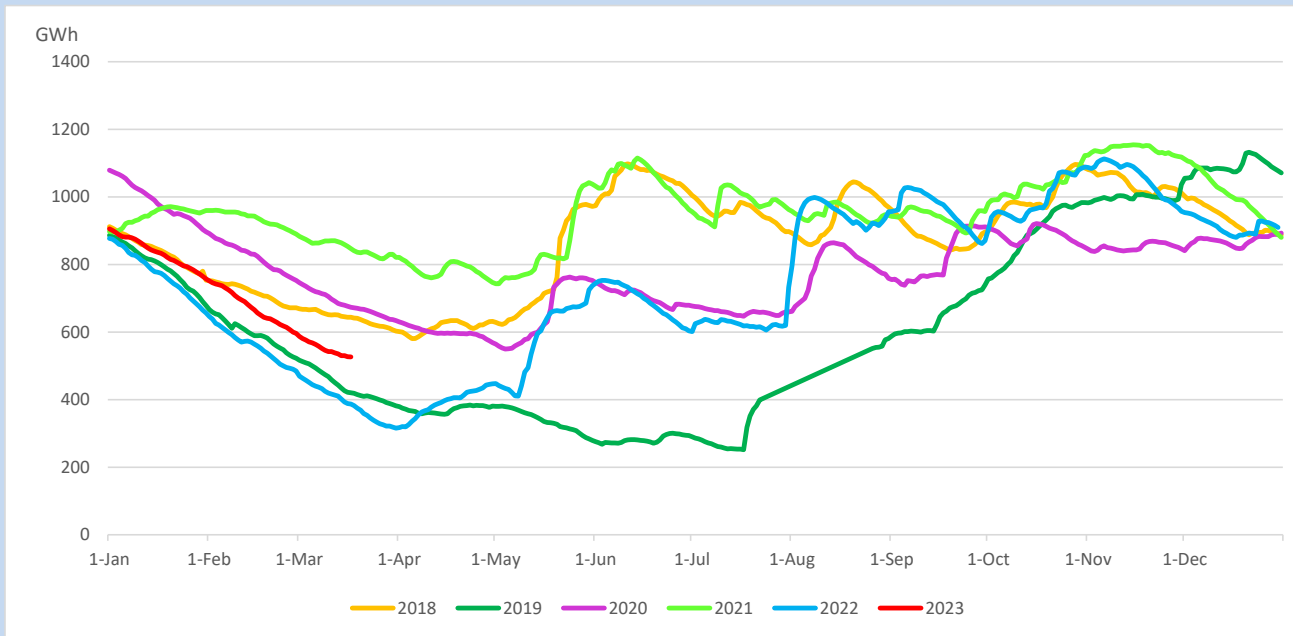
Reservoir Levels -

as at 06.00 Hr on March 19, 2023

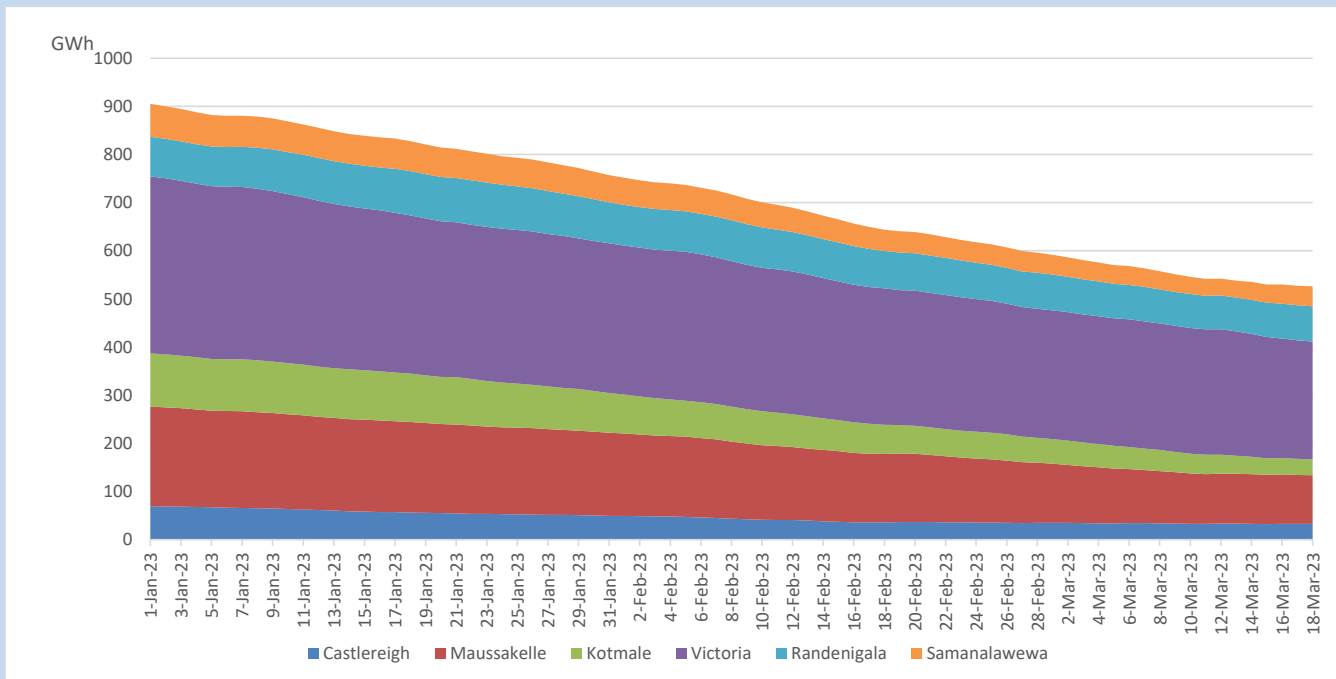


Total Reservoir Level	526.3 GWh
% of Total capacity	43.7%

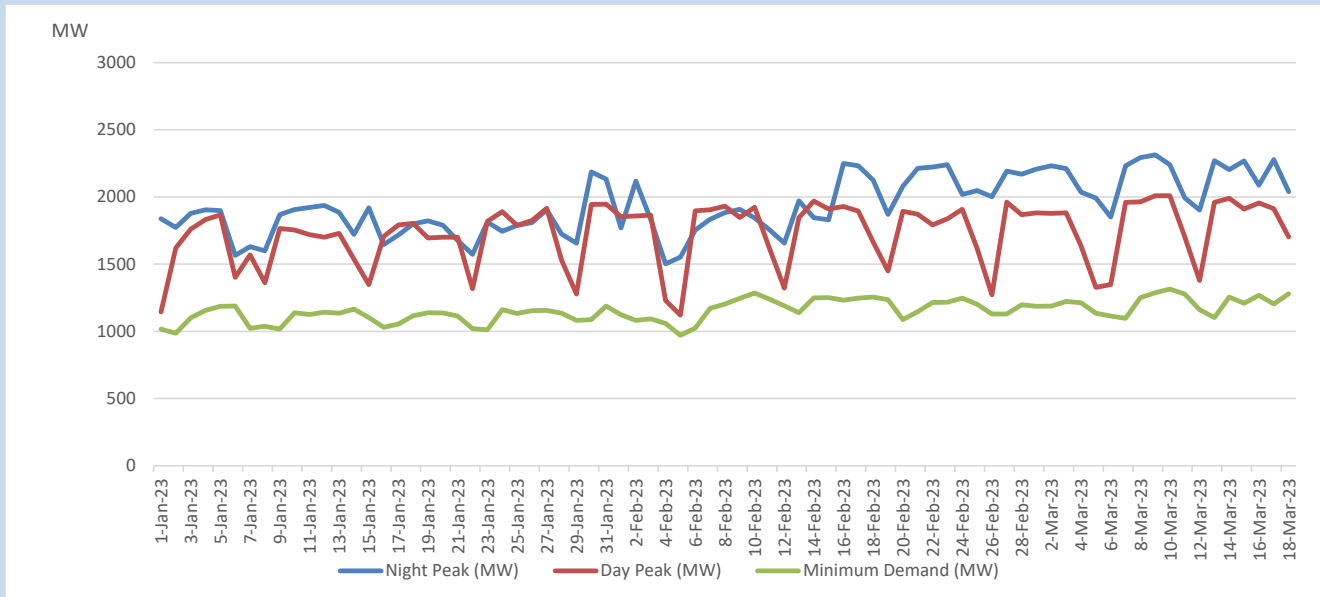
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

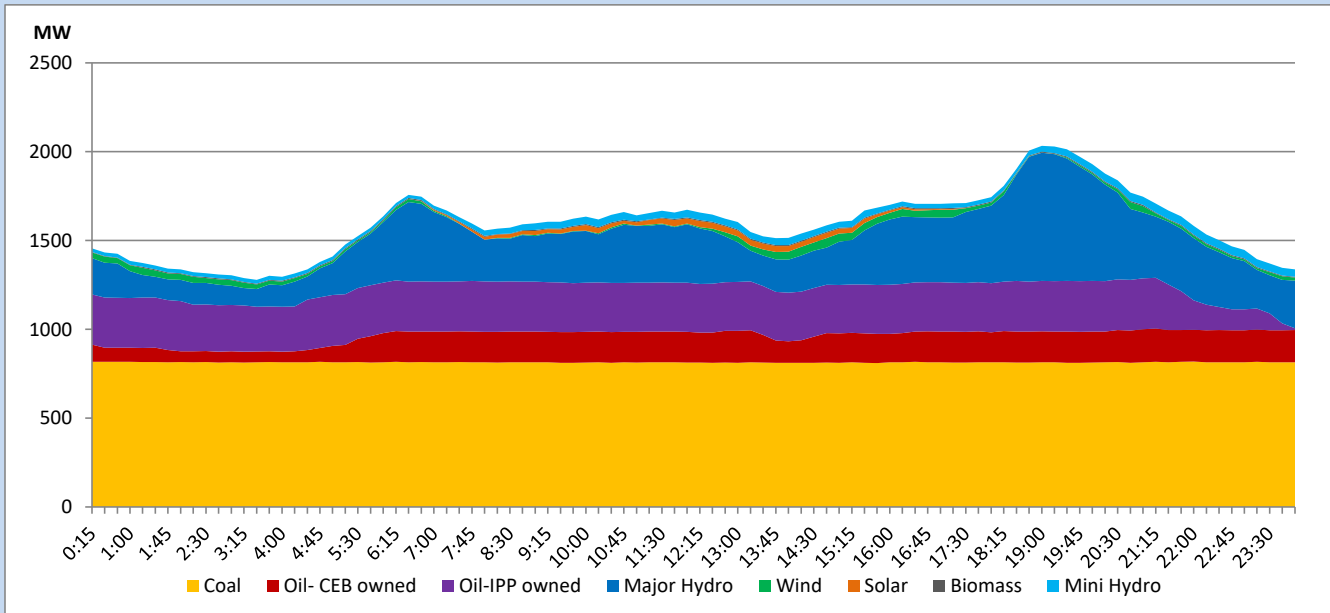


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

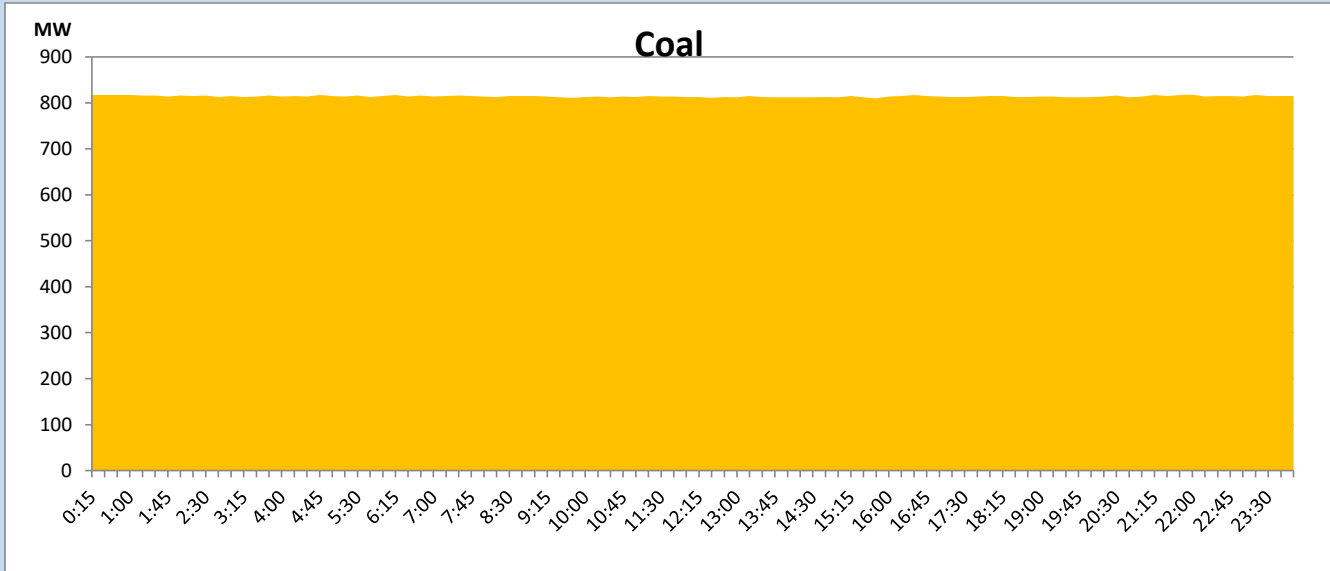
March 18, 2023

Solar and wind data is based on Telemetered Power Stations only



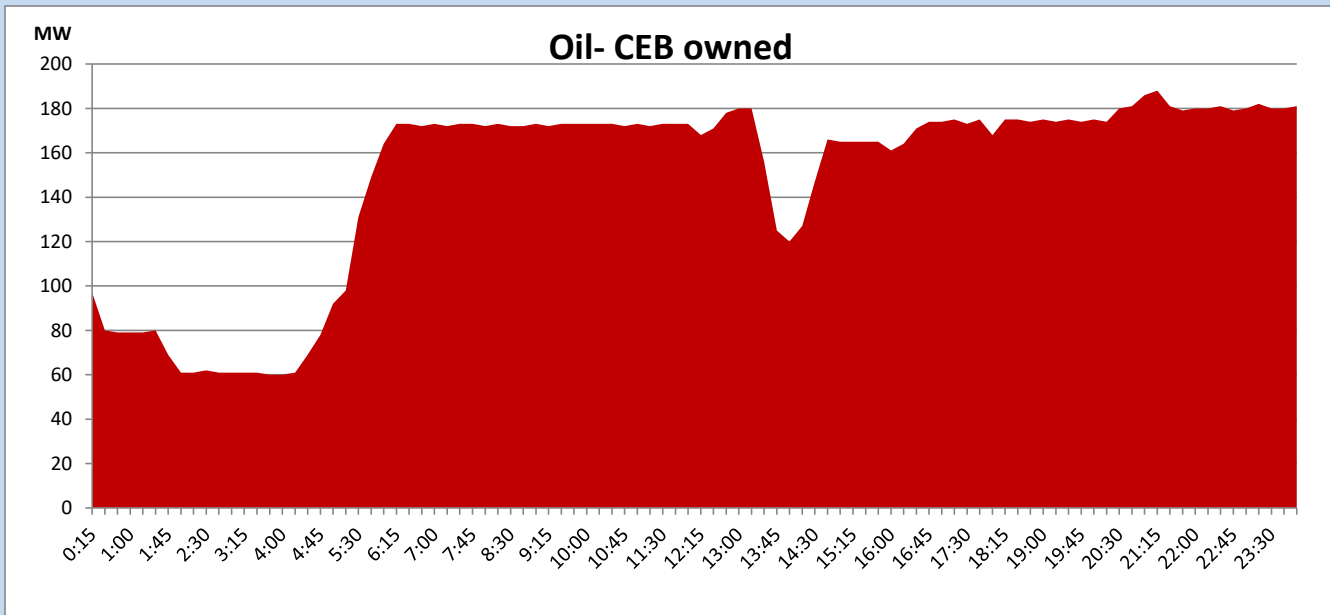
Coal Generation during

March 18, 2023



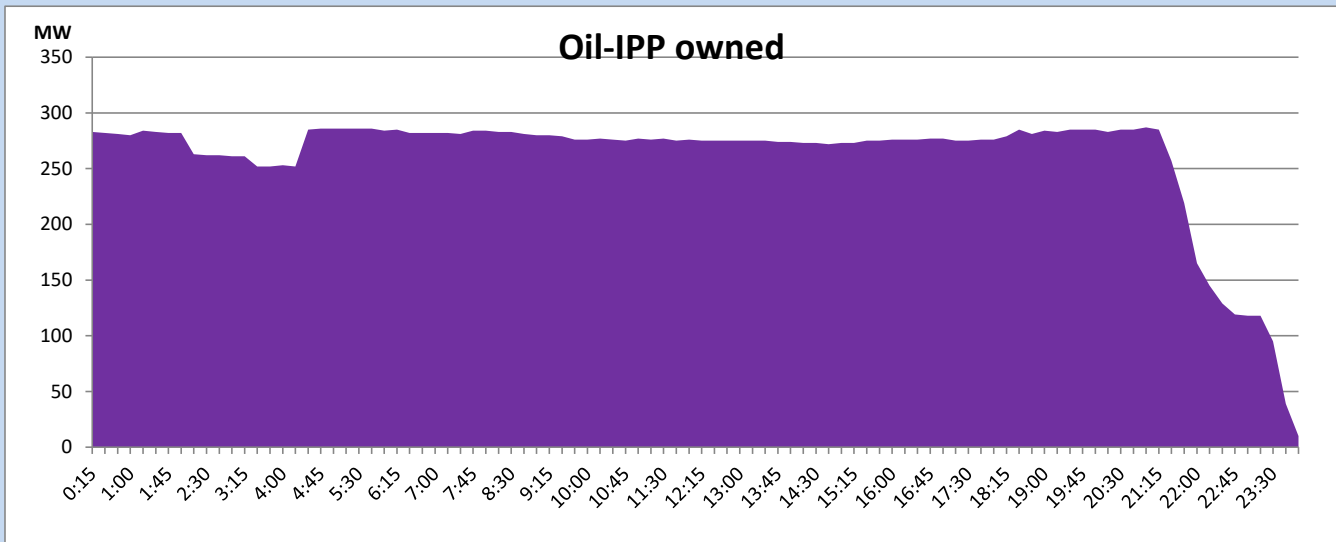
CEB Oil Plant Generation during

March 18, 2023



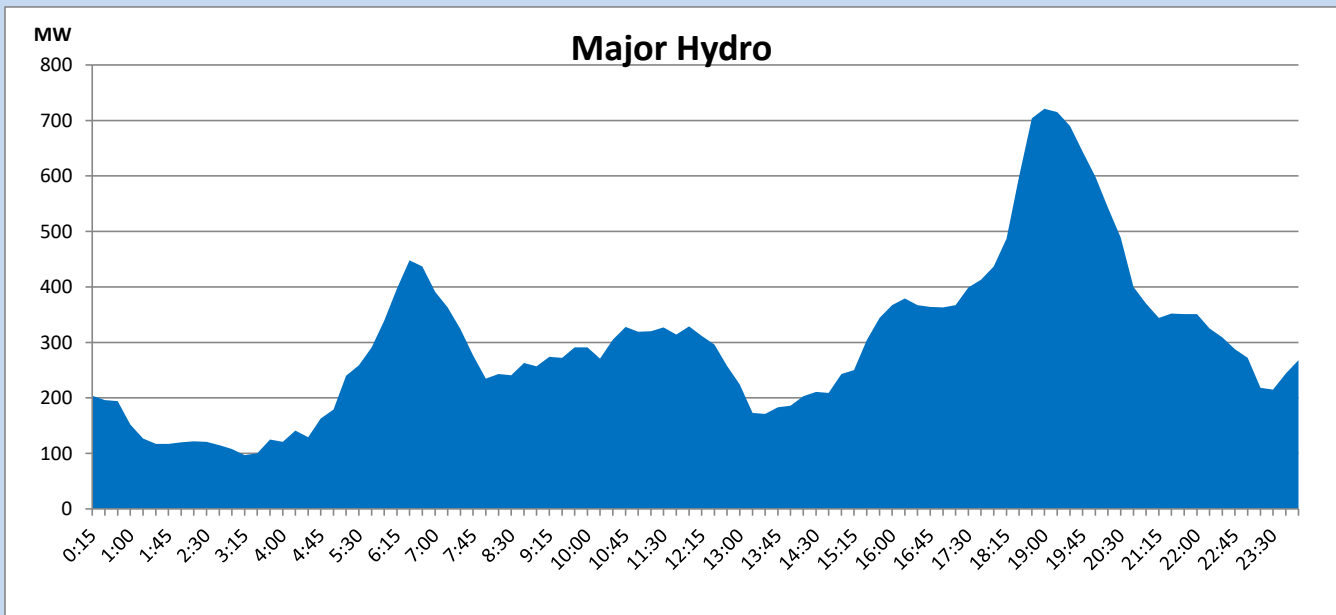
IPP Oil Plant Generation during

March 18, 2023



Major Hydro Generation during

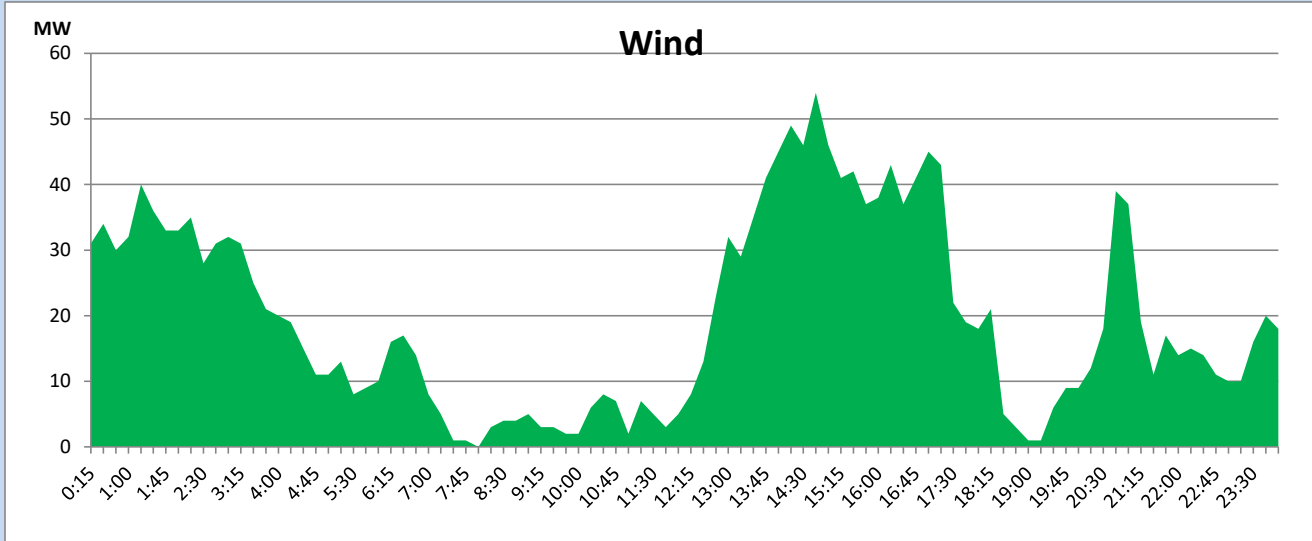
March 18, 2023



Wind Generation during

March 18, 2023

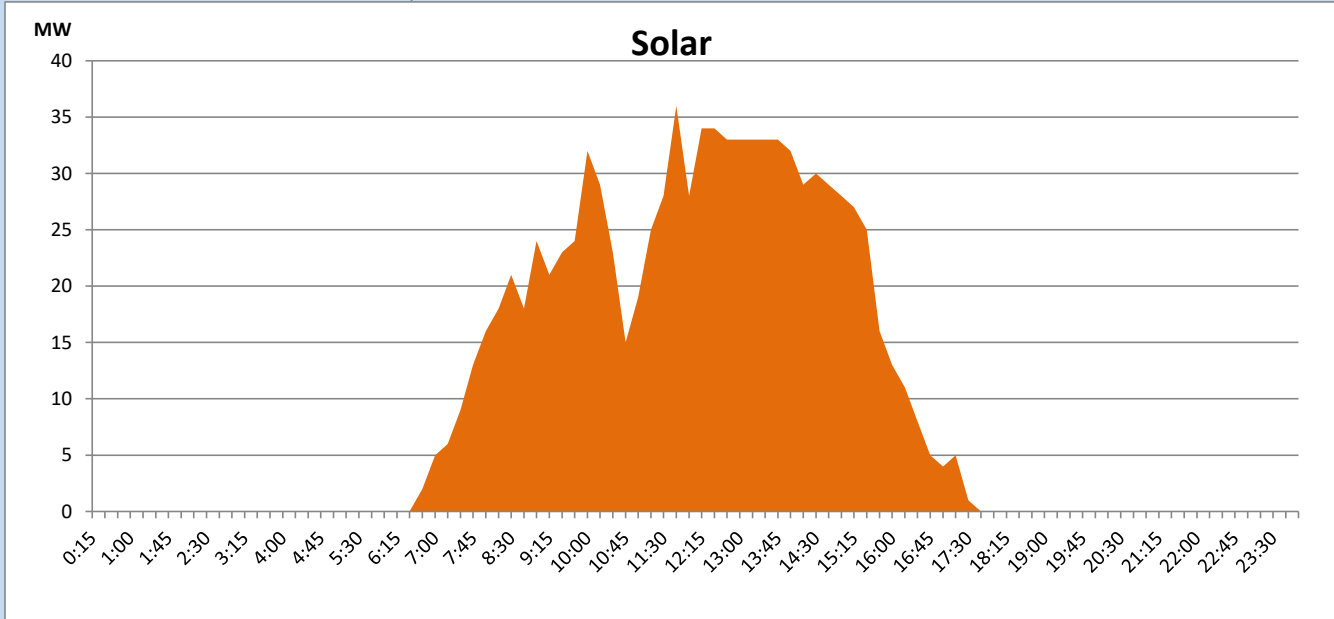
Based on Telemetered Power Stations only



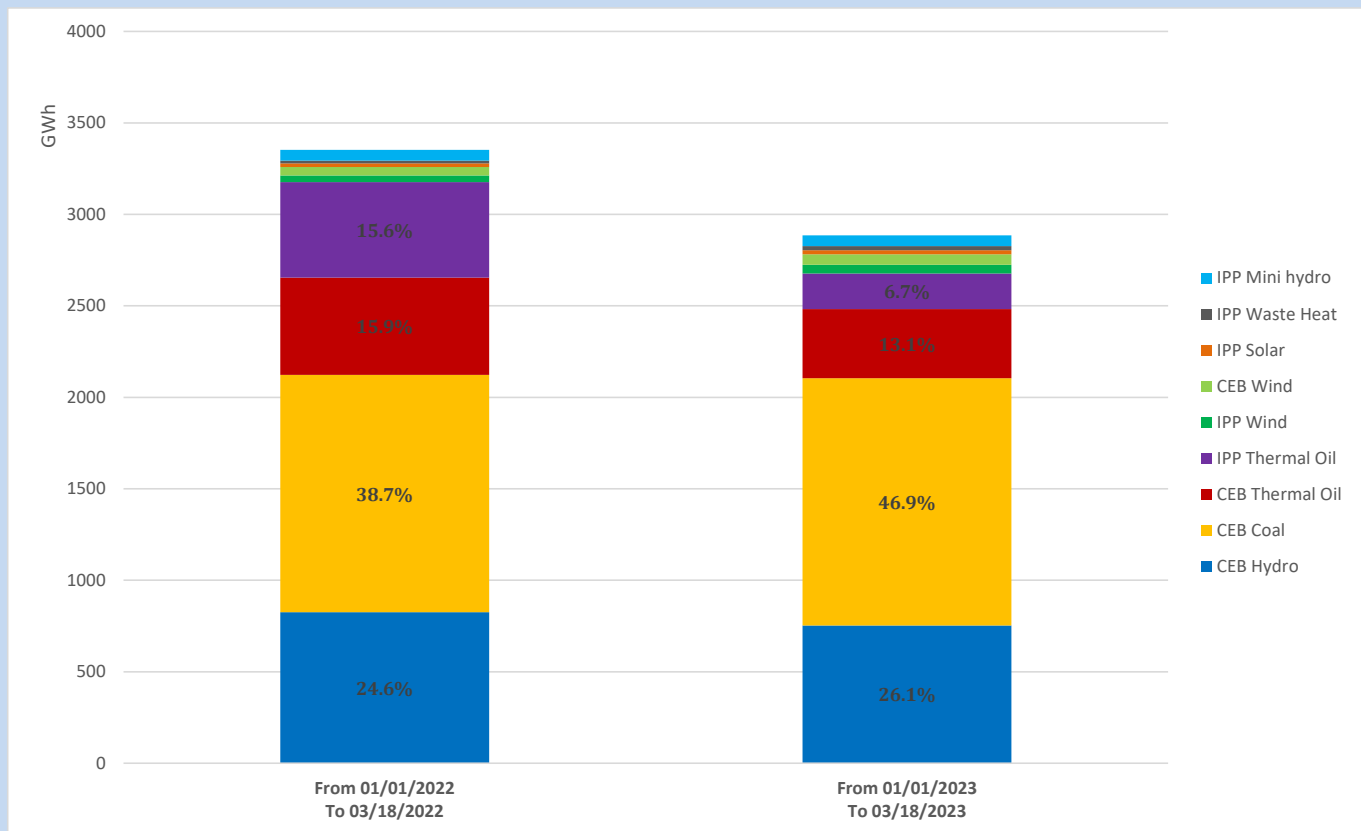
Solar Generation during

March 18, 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 18, 2023

1) Nil.