

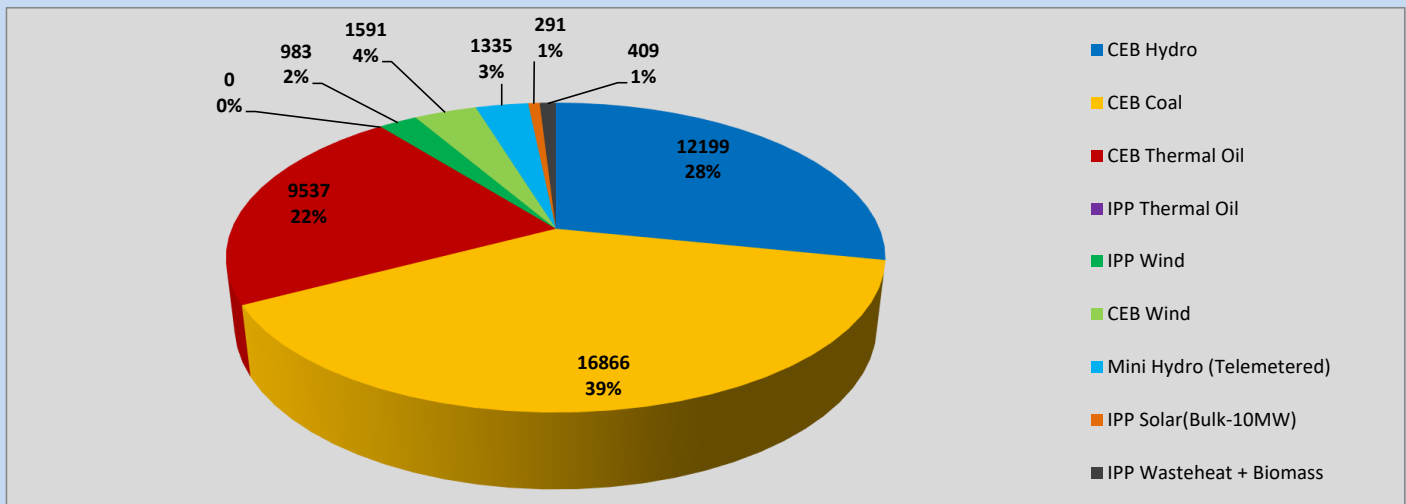
Generation and Reservoirs Statistics

May 31, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =

43,211 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh
 Estimated Mini Hydro (Non telemetered) = 2655 MWh
 Estimated IPP Solar PV (Bulk 1-10MW) = 304 MWh
 Estimated Solar Roof Top PV = 1920 MWh

Cumulative Dispatch

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

For Current Month

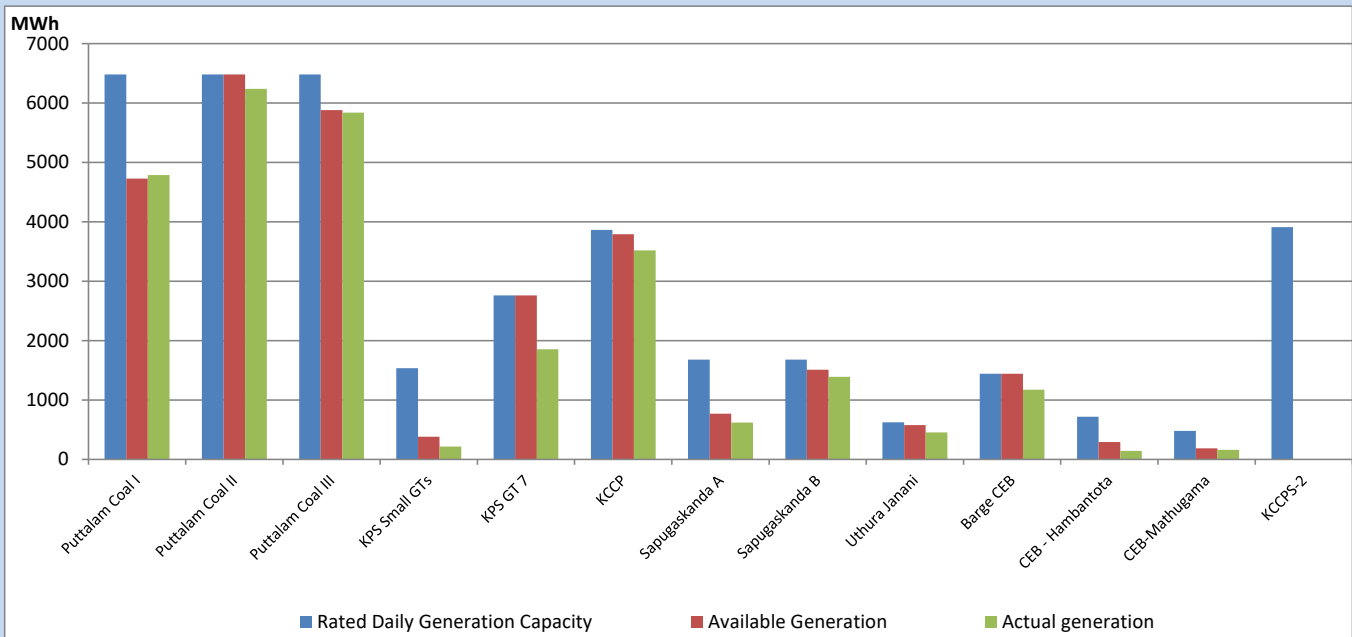
Category	Dispatch (GWh)	
CEB Hydro	279	23.18%
CEB Coal	508	42.19%
CEB Thermal Oil	192	15.96%
IPP Thermal	99	8.26%
SPP Wind	33	2.71%
CEB Wind	41	3.41%
Mini Hydro (Telemetered)	31	2.53%
IPP Solar (Bulk-10MW)	9	0.71%
IPP Wasteheat + BMP	12	1.02%
Total	1,204	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	1,481	25.71%
CEB Coal	2,495	43.33%
CEB Thermal Oil	847	14.72%
IPP Thermal	517	8.98%
SPP Wind	91	1.57%
CEB Wind	111	1.93%
Mini Hydro (Telemetered)	126	2.19%
IPP Solar (Bulk-10MW)	43	0.75%
IPP Wasteheat	47	0.82%
Total	5,758	

CEB owned Thermal Plant Dispatch

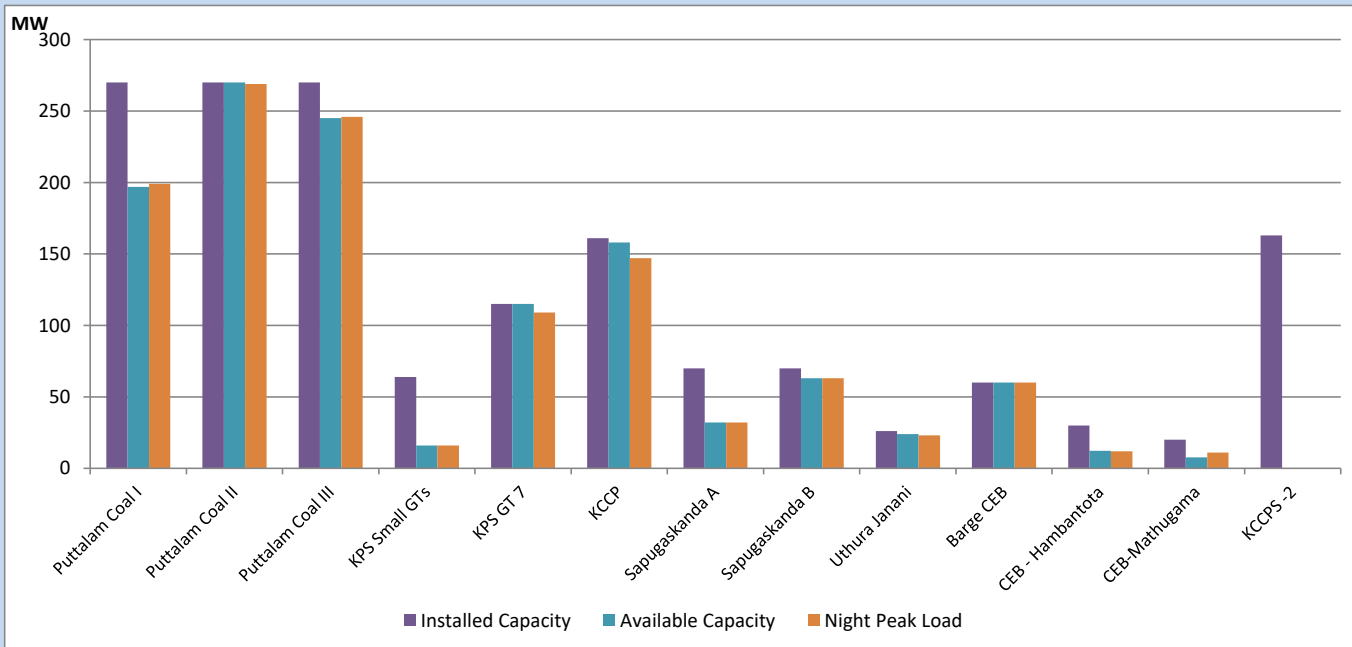
May 31, 2023



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

June 1, 2023

CEB owned Thermal Plant Loading at the Night Peak



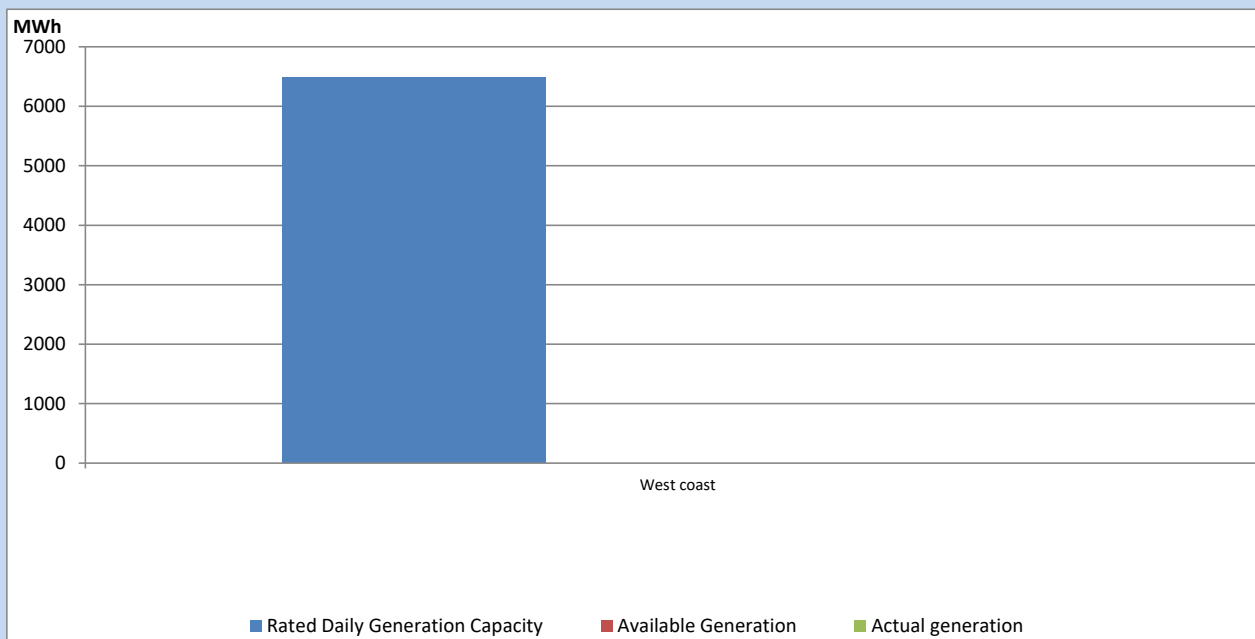
Note-

Plant availability is recorded at 6.00 am on

June 1, 2023

IPP owned Thermal Plant Dispatch

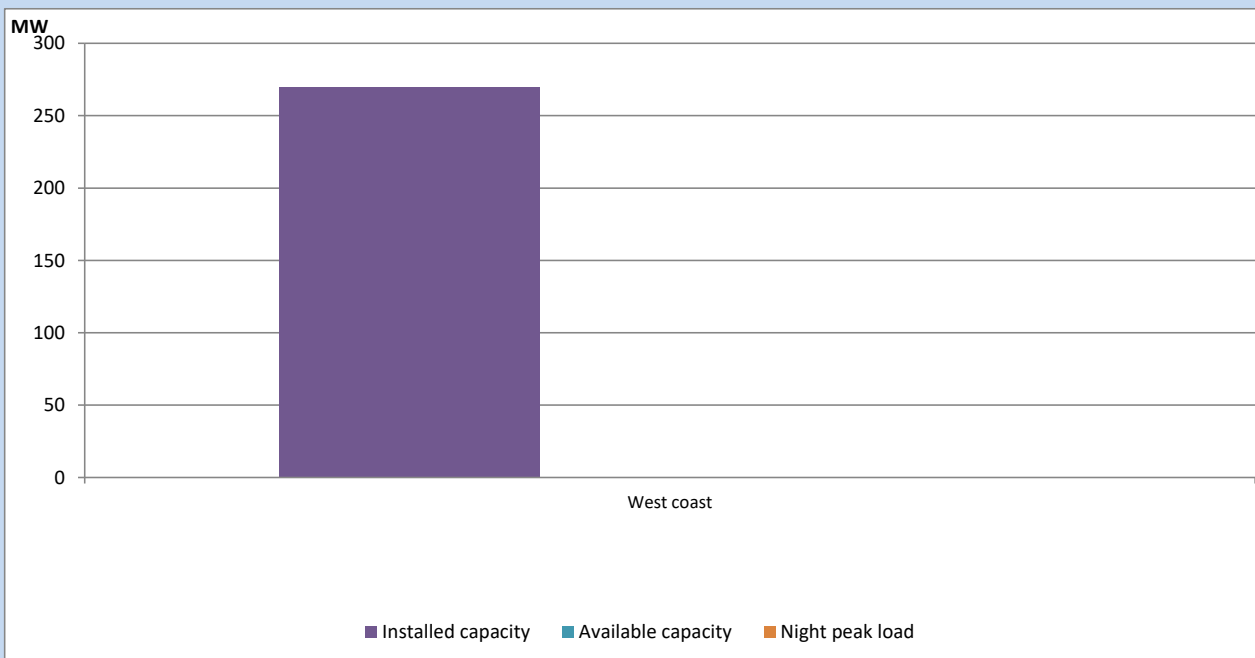
May 31, 2023



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

June 1, 2023

IPP owned Thermal Plant Loading at the Night Peak

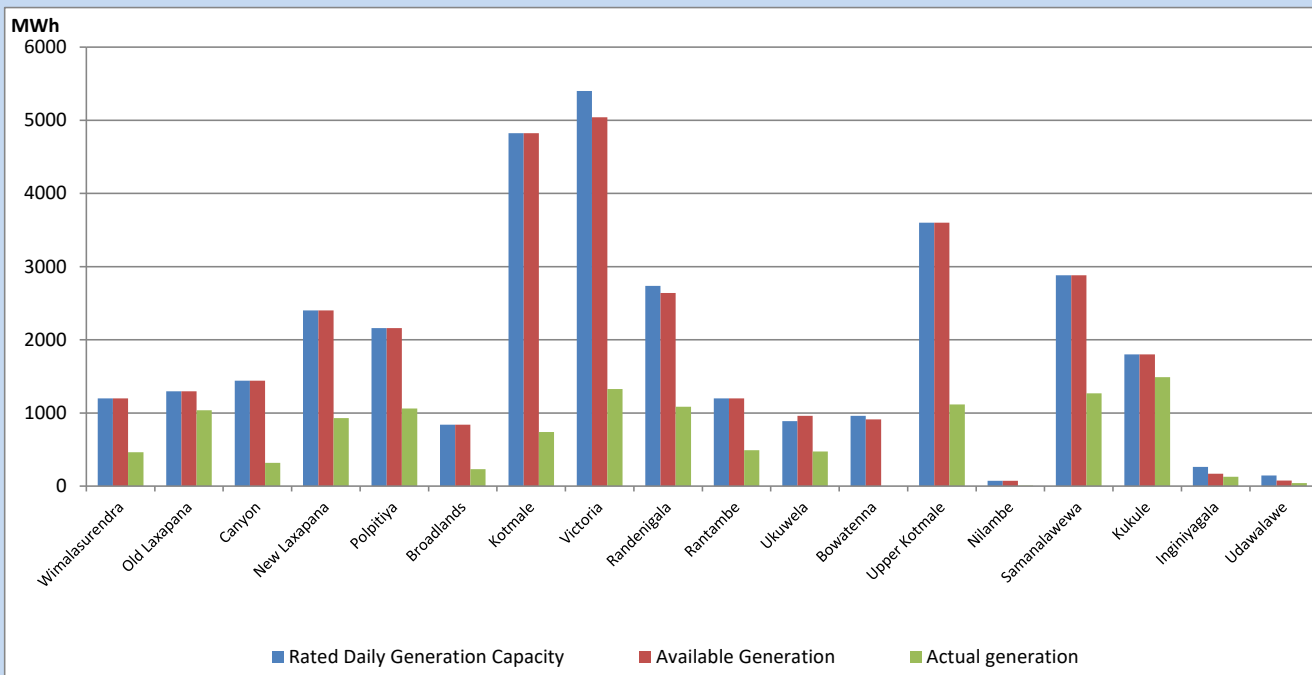


Note- Plant availability is recorded at 6.00 am on

June 1, 2023

Major Hydro Plant Dispatch

May 31, 2023

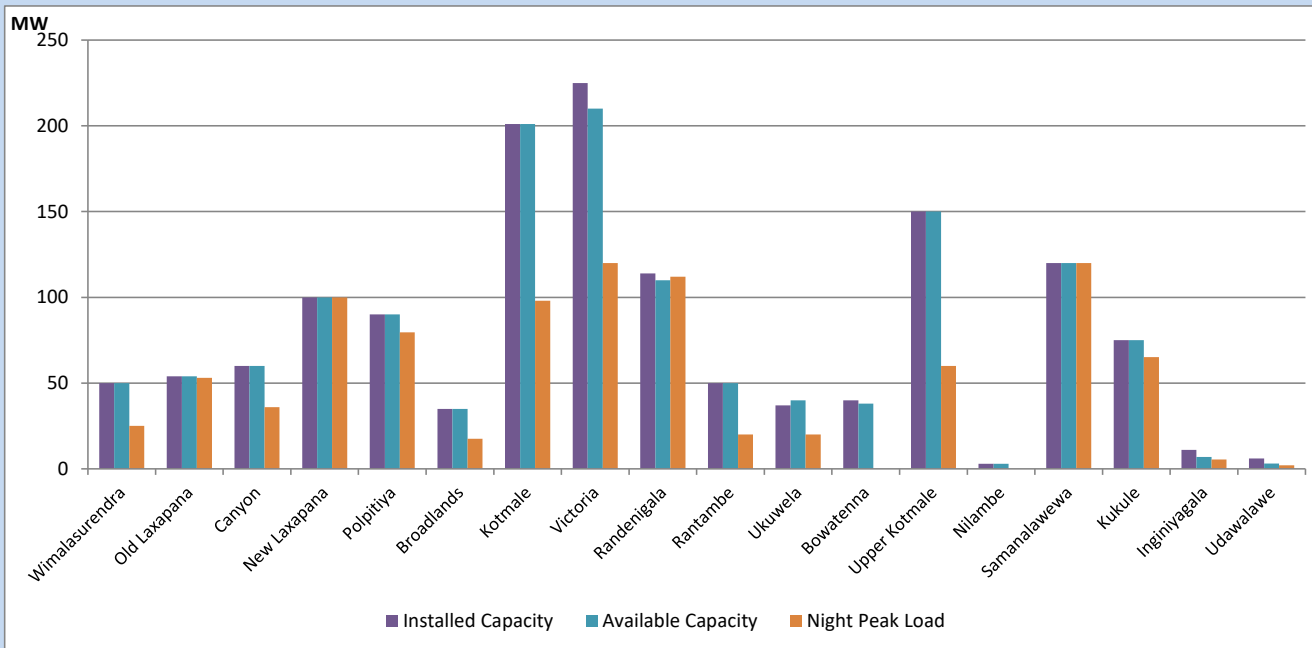


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

June 1, 2023

Major Hydro Plant Loading at Night Peak

May 31, 2023



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

June 1, 2023

Summary of Major Plant performance

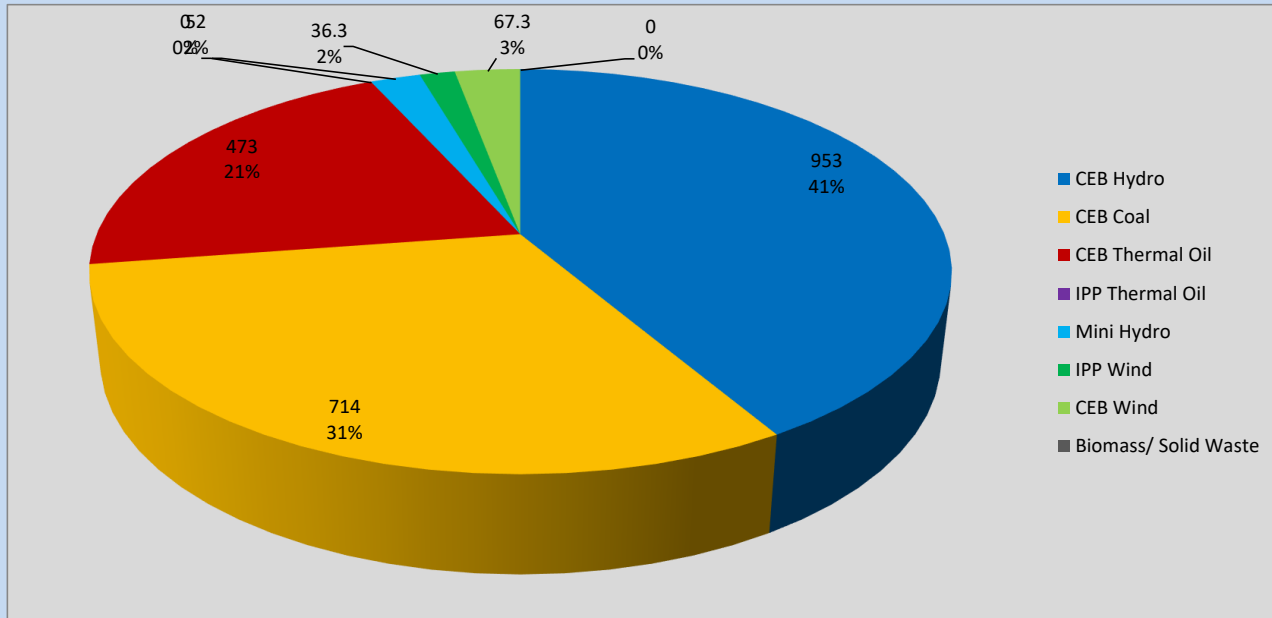
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	25	462
Old Laxapana	54	54	53	1,036
Canyon	60	60	36	319
New Laxapana	100	100	100	928
Polpitiya	90	90	80	1,059
Broadlands	35	35	18	233
Kotmale	201	201	98	740
Victoria	225	210	120	1,326
Randenigala	114	110	112	1,085
Rantambe	50	50	20	489
Ukuwela	37	40	20	473
Bowatenna	40	38	0	0
Upper Kotmale	150	150	60	1,117
Nilambe	3	3	0	6
Samanalawewa	120	120	120	1,267
Kukule	75	75	65	1,490
Inginiyagala	11	7	5	127
Udawalawe	6	3	2	42
Puttalam Coal I	270	197	199	4,789
Puttalam Coal II	270	270	269	6,239
Puttalam Coal III	270	245	246	5,838
KPS Small GTs	64	16	16	216
KPS GT 7	115	115	109	1,855
KCCP	161	158	147	3,521
Sapugaskanda A	70	32	32	622
Sapugaskanda B	70	63	63	1,391
Uthura Janani	26	24	23	454
Barge CEB	60	60	60	1,174
CEB-Hambantota	30	12	12	143
CEB-Mathugama	20	8	11	161
ACE Matara	24	0	0	0
Asia Power	50	0	0	0
KCCPS -2	163	0	0	0
West Coast	270	0	0	0
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,596	2,276	43,211

Plant availability is the availability recorded at 6 am on

June 1, 2023

Contribution to the Night Peak in MW

May 31, 2023

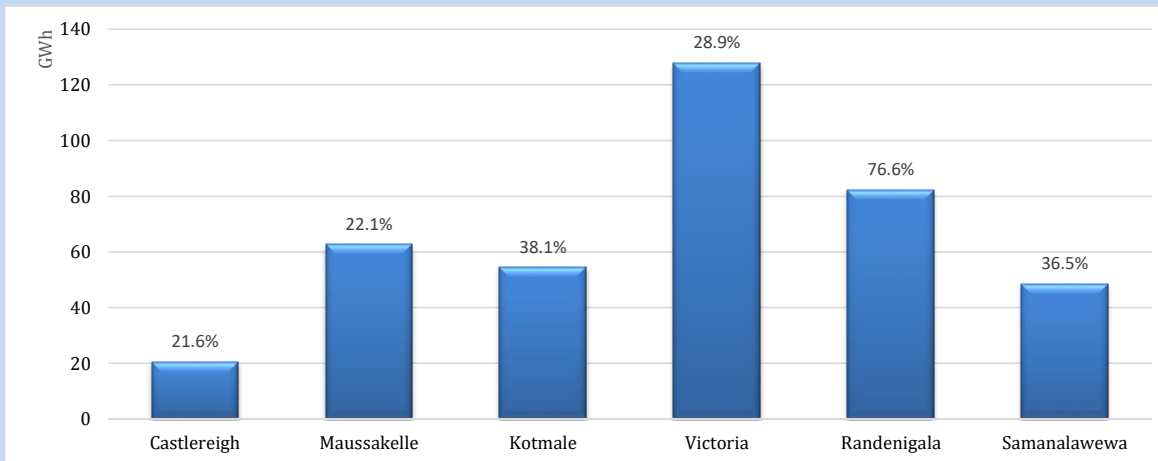


Night Peak*	2,295 MW
Day Peak Maximum Demand	2,075 MW
Day Peak Minimum Demand	1,791 MW
Off Peak Minimum Demand	1,315 MW

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

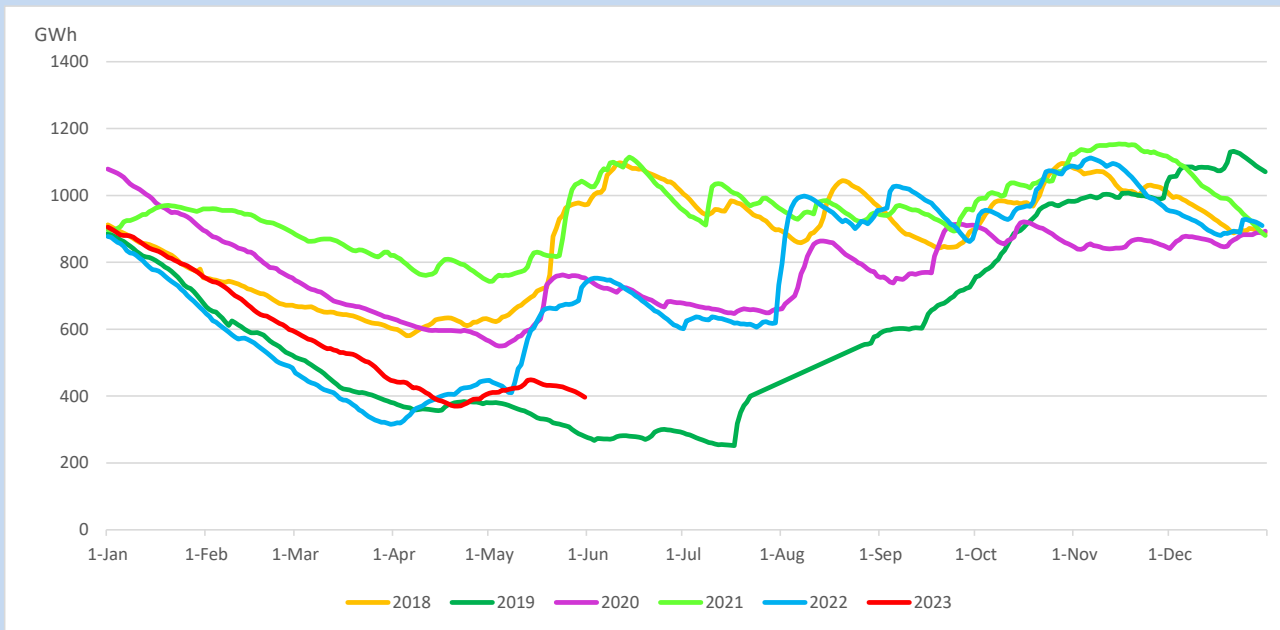
Reservoir Levels -

as at 06.00 Hr on June 1, 2023

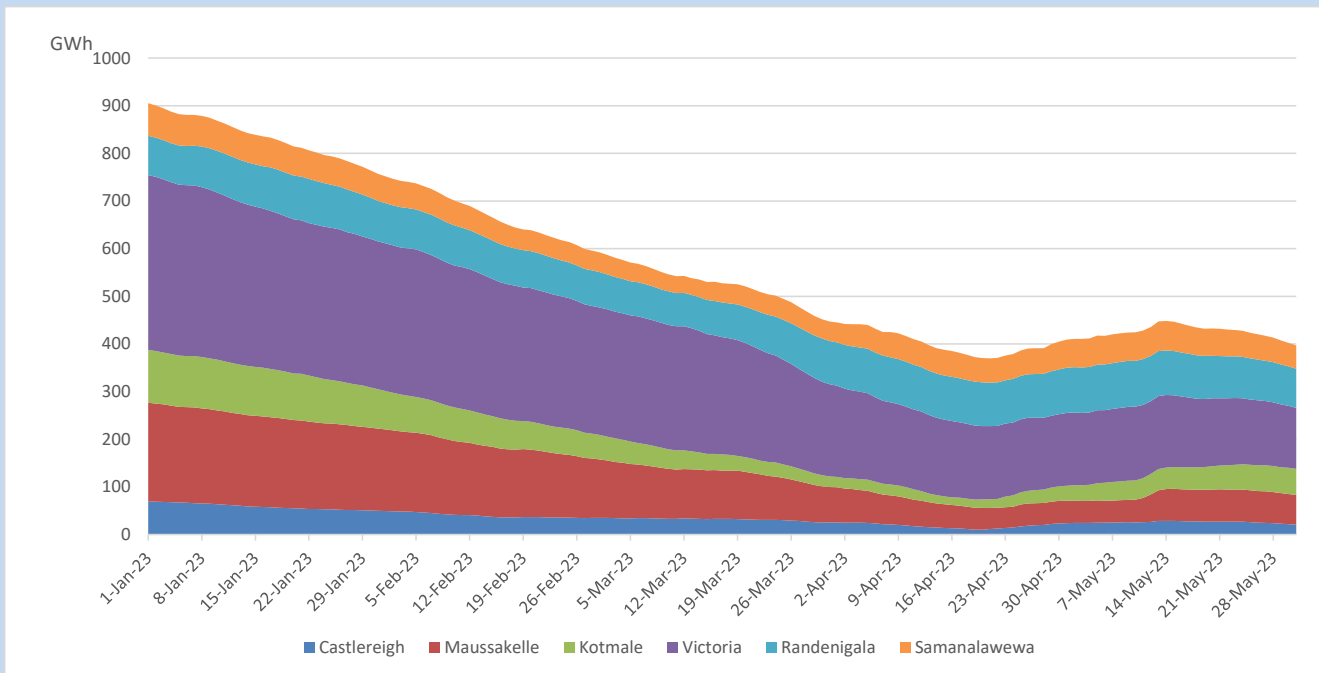


Total Reservoir Level	396.7 GWh
% of Total capacity	32.9%

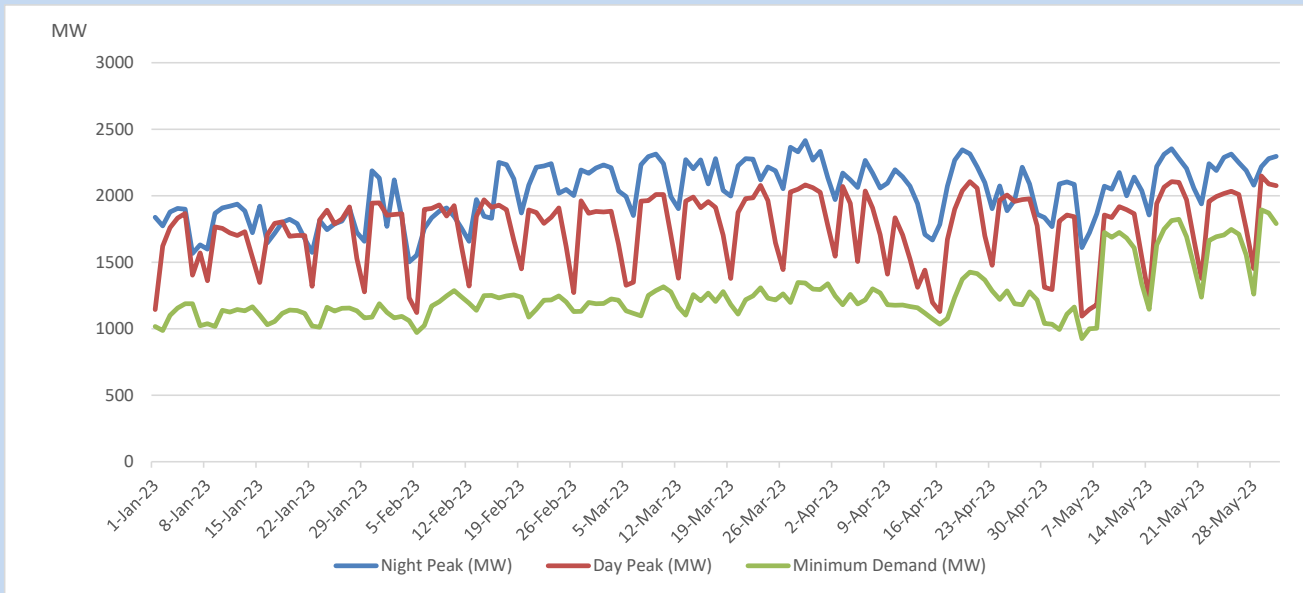
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

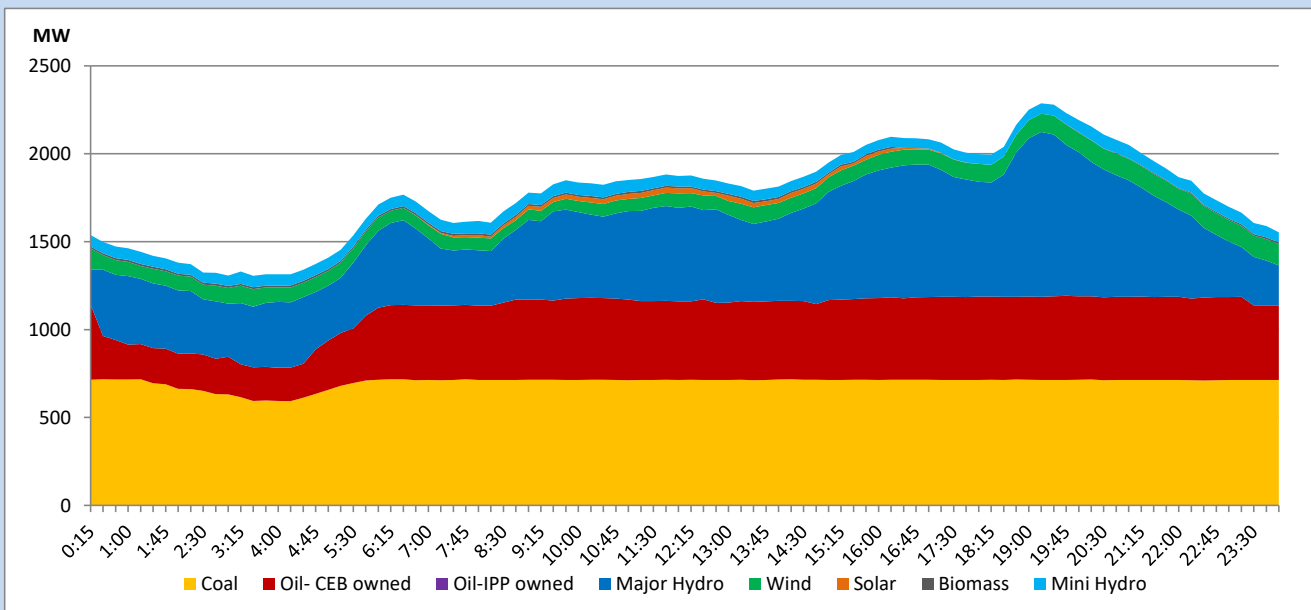


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

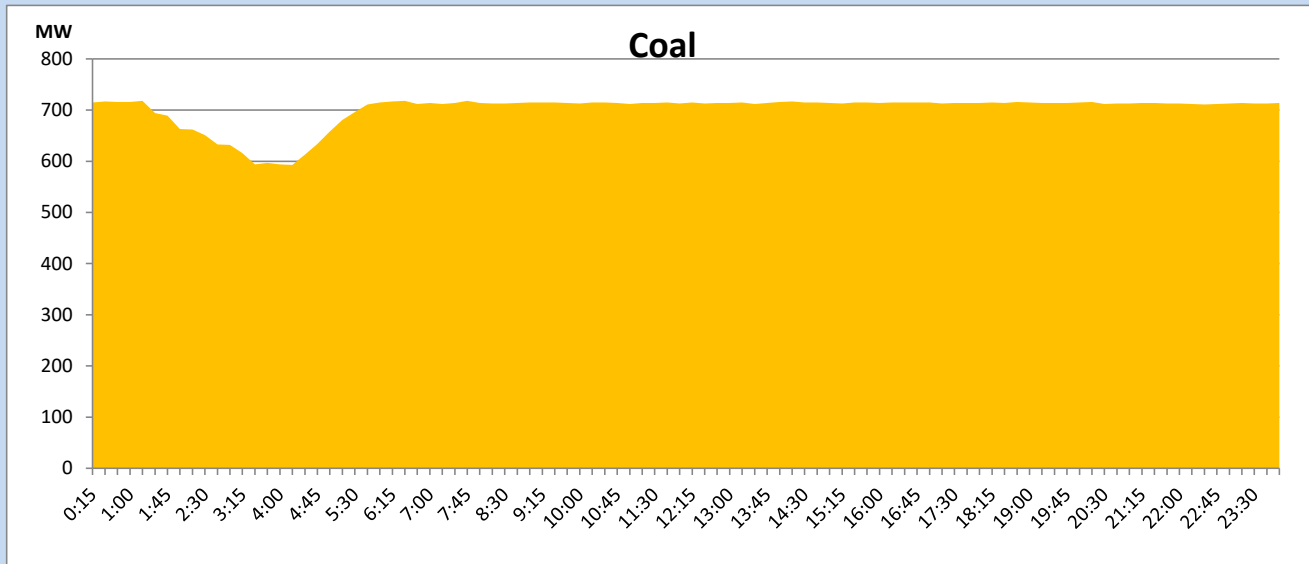
May 31, 2023

Solar and wind data is based on Telemetered Power Stations only



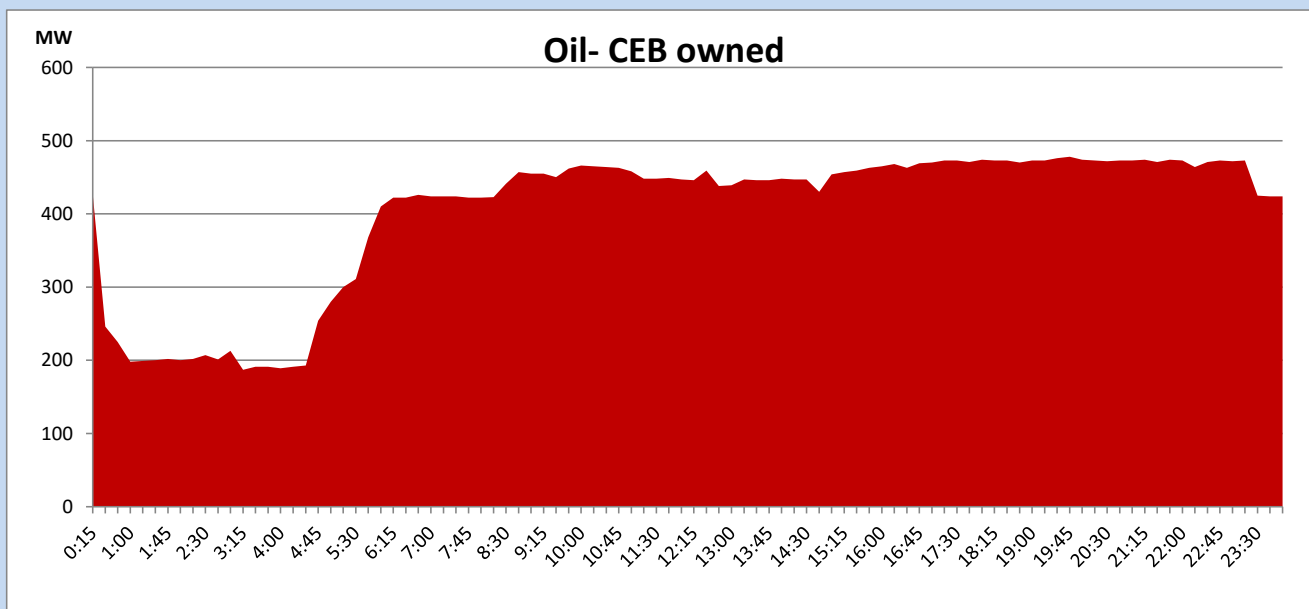
Coal Generation during

May 31, 2023



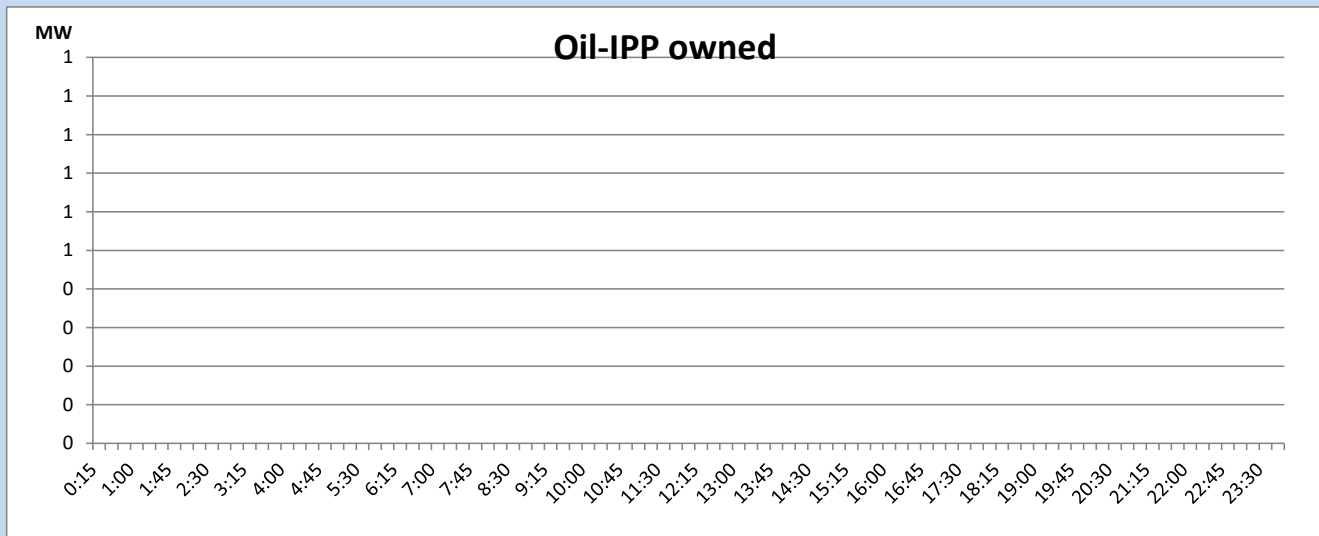
CEB Oil Plant Generation during

May 31, 2023



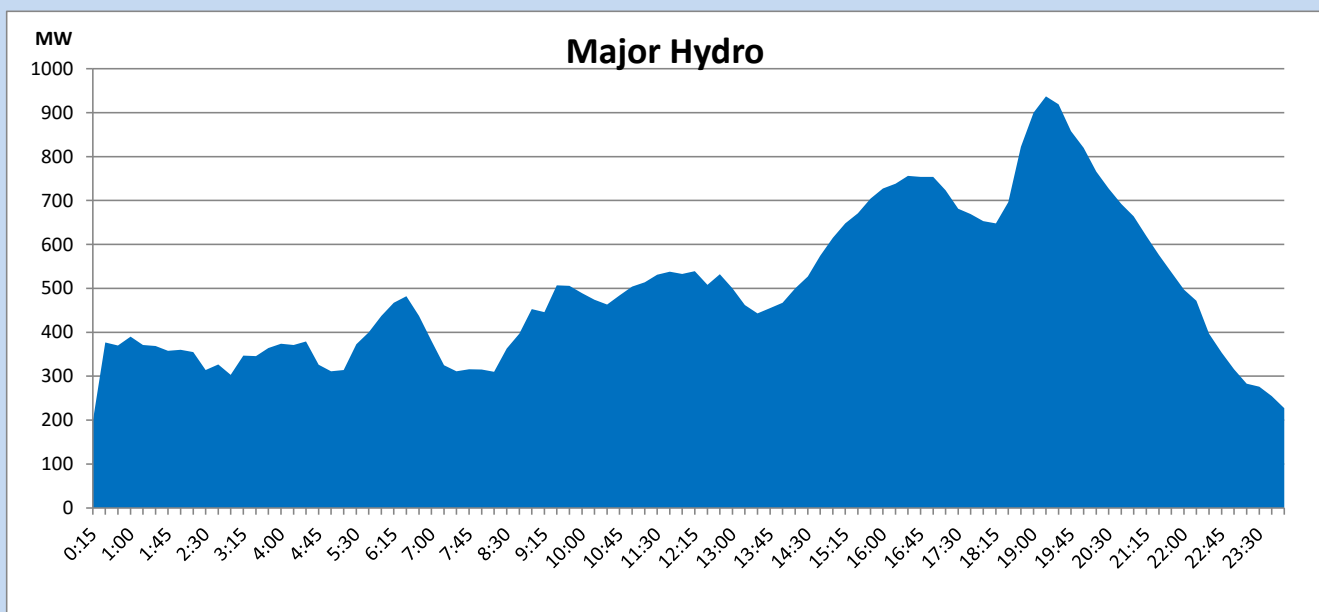
IPP Oil Plant Generation during

May 31, 2023



Major Hydro Generation during

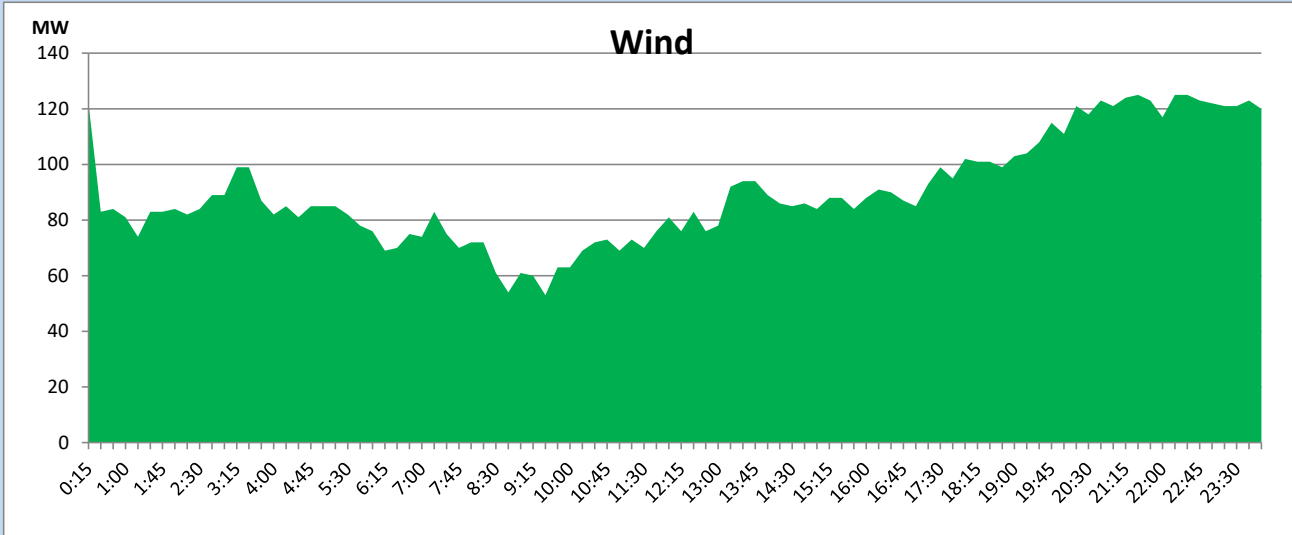
May 31, 2023



Wind Generation during

May 31, 2023

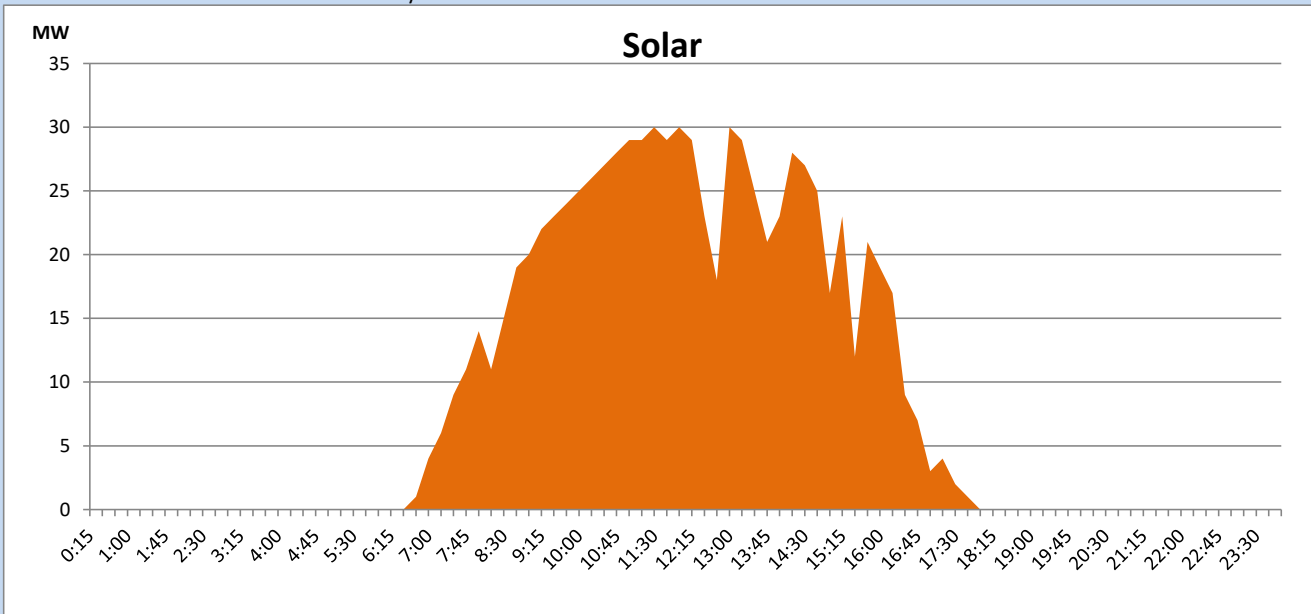
Based on Telemetered Power Stations only



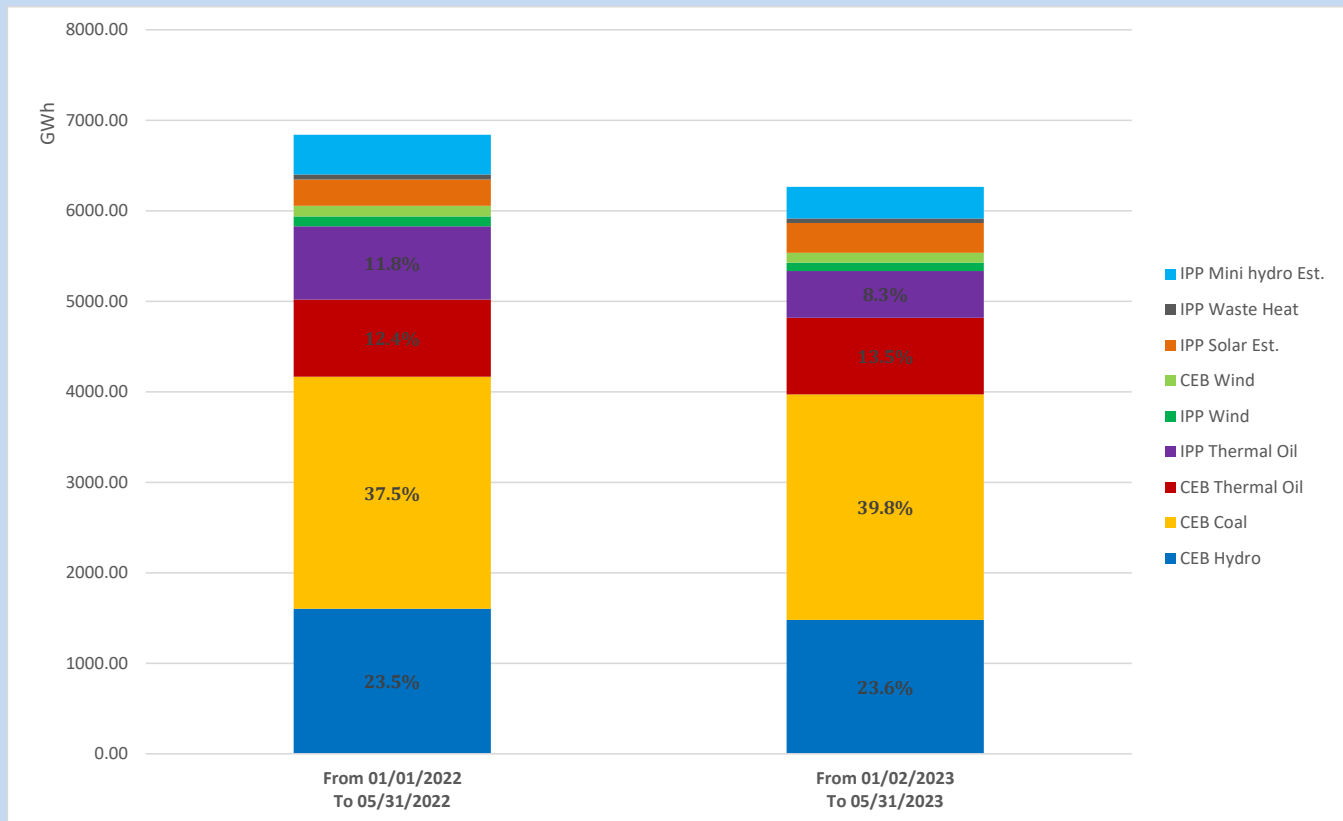
Solar Generation during

May 31, 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
KCCPS -2	Auto Diesel

Power Station	Primary Fuel
Private Thermal	
West Coast	Auto Diesel / Heavy Fuel

Major Incidents reported during the day

May 31, 2023

Nil