

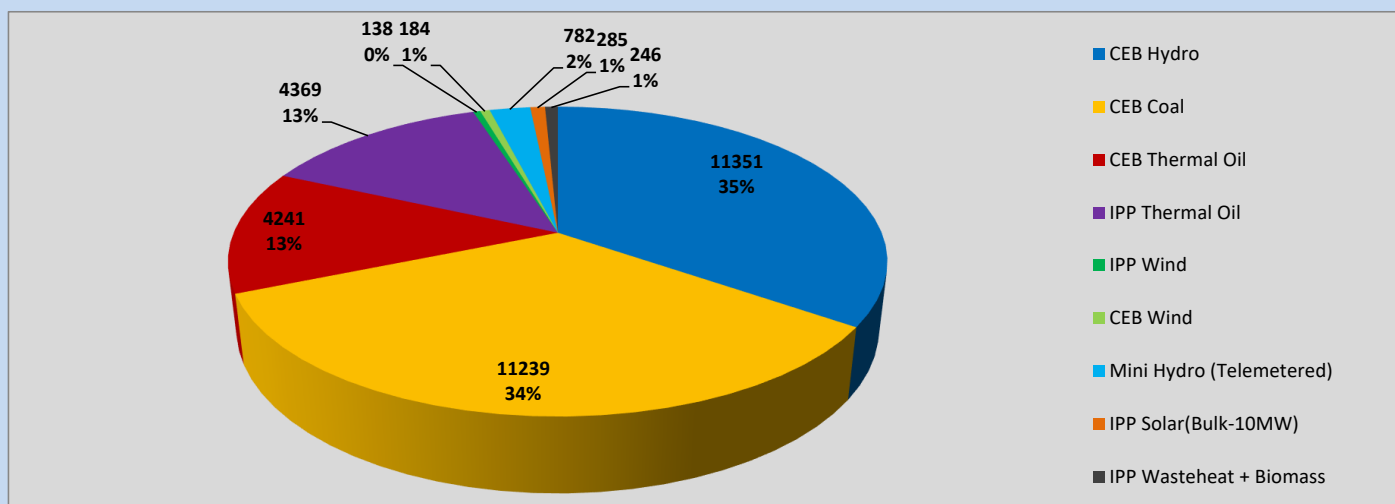
Generation and Reservoirs Statistics

April 13, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation (Excluding estimated figures) =

32,835 MWh

Estimated figures of CEB generation report

Estimated unserved energy = 0.00 GWh

Estimated Mini Hydro (Non telemetered) = 1598 MWh

Estimated IPP Solar PV (Bulk 1-10MW) = 304 MWh

Estimated Solar Roof Top PV = 1640 MWh

Cumulative Dispatch

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

For Current Month

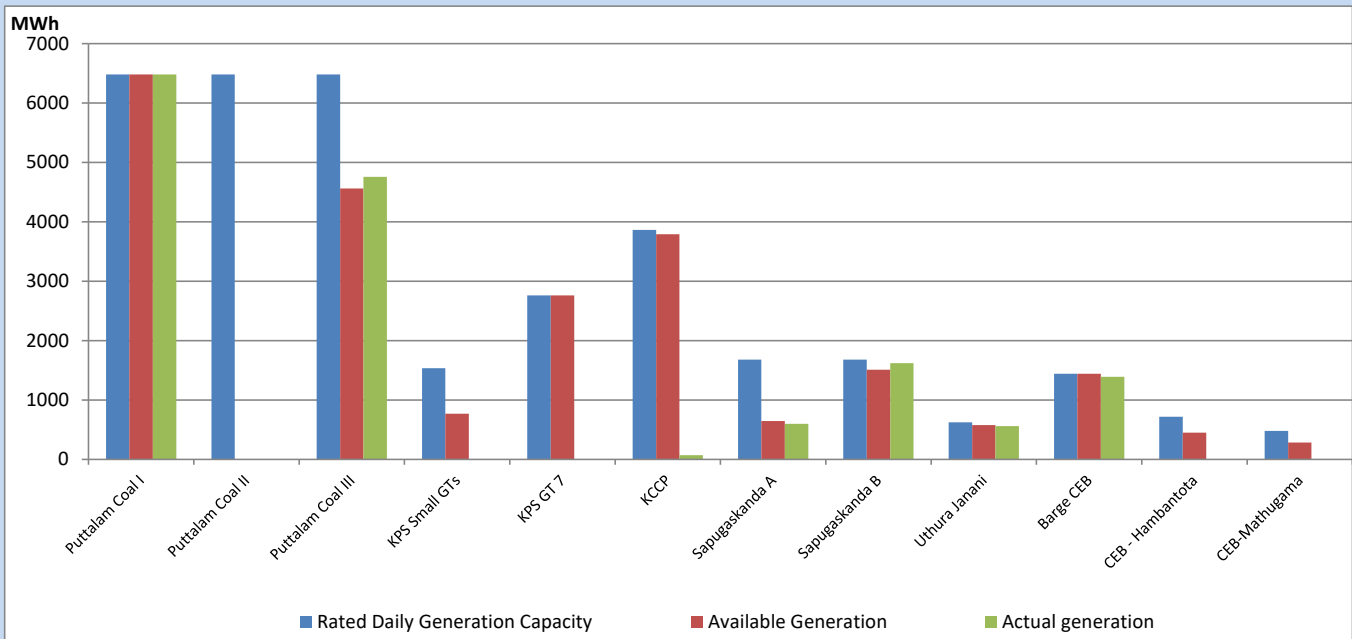
Category	Dispatch (GWh)	
CEB Hydro	152	30.80%
CEB Coal	158	32.03%
CEB Thermal Oil	80	16.28%
IPP Thermal	74	15.07%
SPP Wind	3	0.70%
CEB Wind	5	0.95%
Mini Hydro (Telemetered)	12	2.43%
IPP Solar(Bulk-10MW)	4	0.90%
IPP Wasteheat + BMP	4	0.83%
Total	494	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	1,073	27.45%
CEB Coal	1,681	42.99%
CEB Thermal Oil	551	14.08%
IPP Thermal	345	8.81%
SPP Wind	54	1.39%
CEB Wind	65	1.66%
Mini Hydro (Telemetered)	81	2.07%
IPP Solar(Bulk-10MW)	30	0.77%
IPP Wasteheat	30	0.78%
Total	3,910	

CEB owned Thermal Plant Dispatch

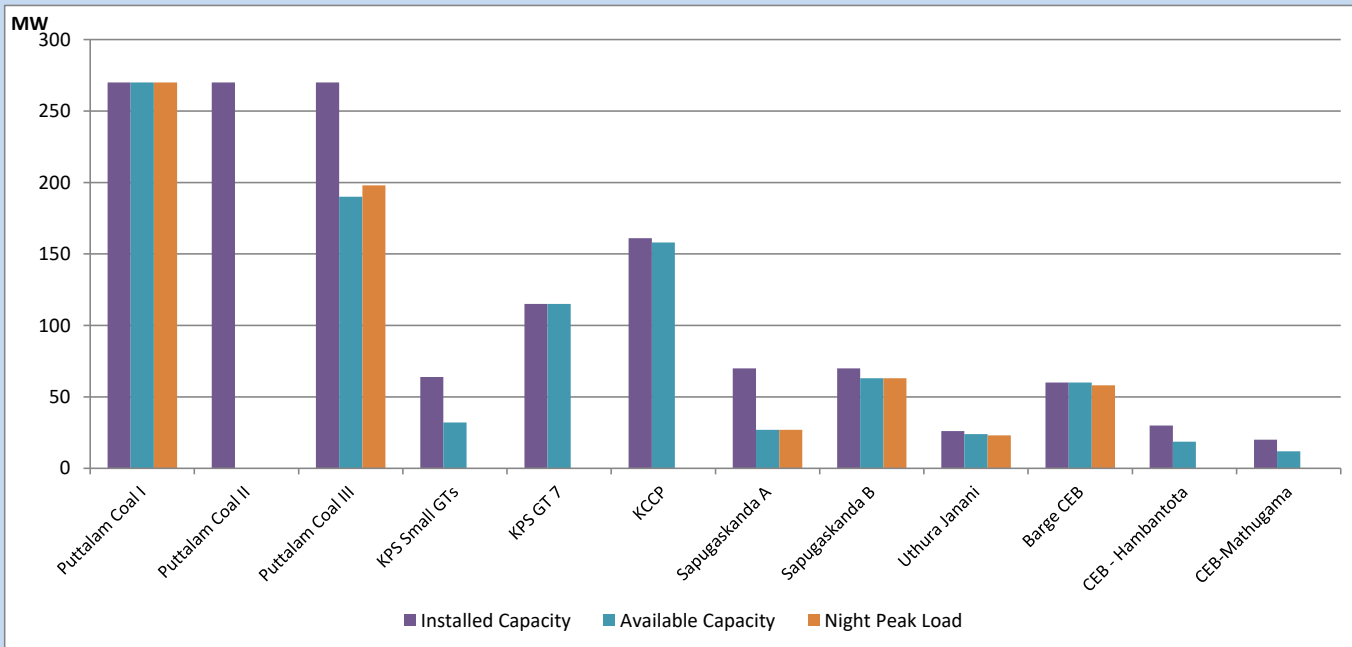
April 13, 2023



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

April 14, 2023

CEB owned Thermal Plant Loading at the Night Peak

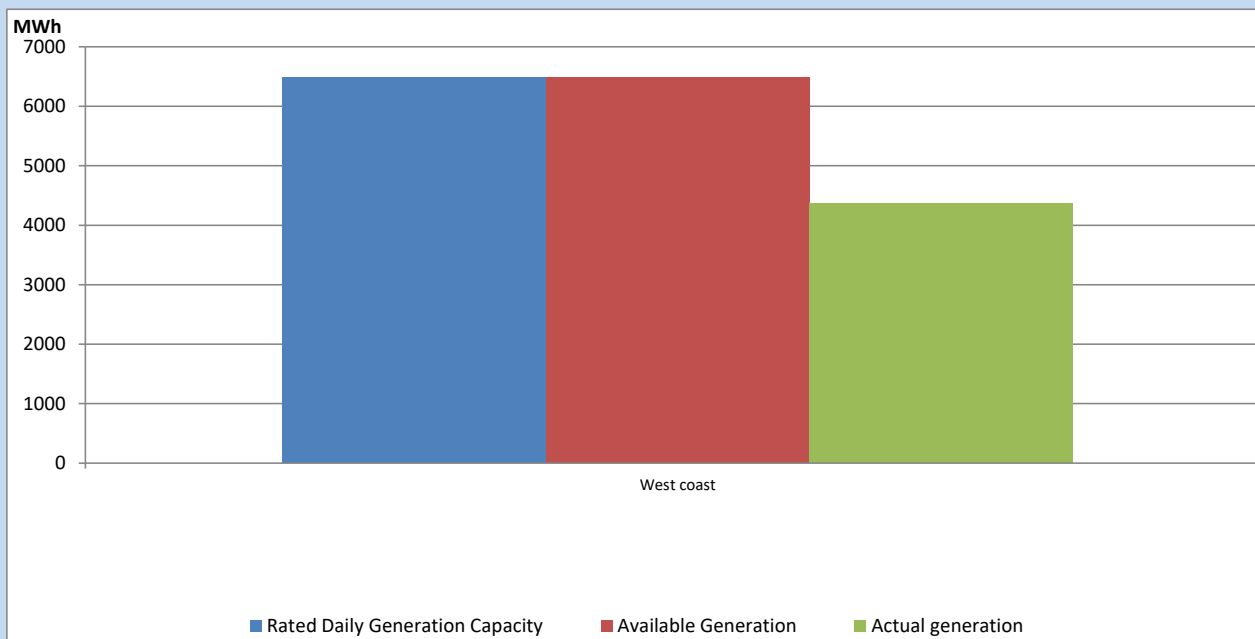


Note- Plant availability is recorded at 6.00 am on

April 14, 2023

IPP owned Thermal Plant Dispatch

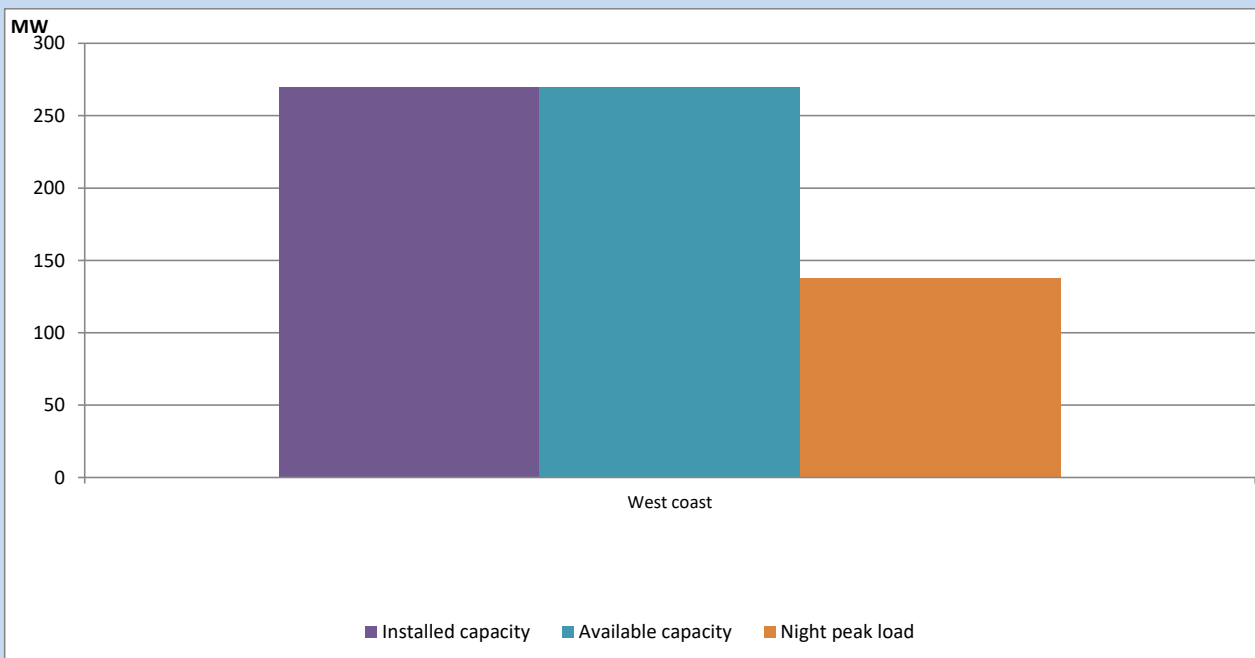
April 13, 2023



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

April 14, 2023

IPP owned Thermal Plant Loading at the Night Peak

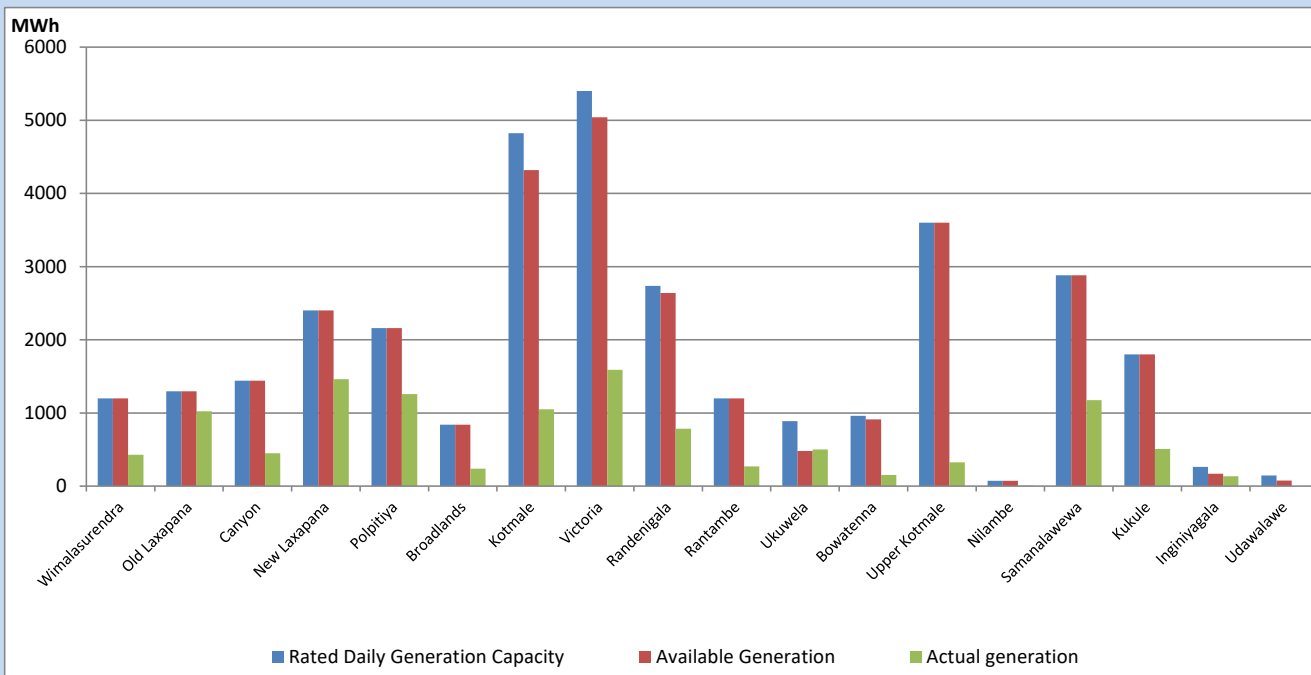


Note- Plant availability is recorded at 6.00 am on

April 14, 2023

Major Hydro Plant Dispatch

April 13, 2023

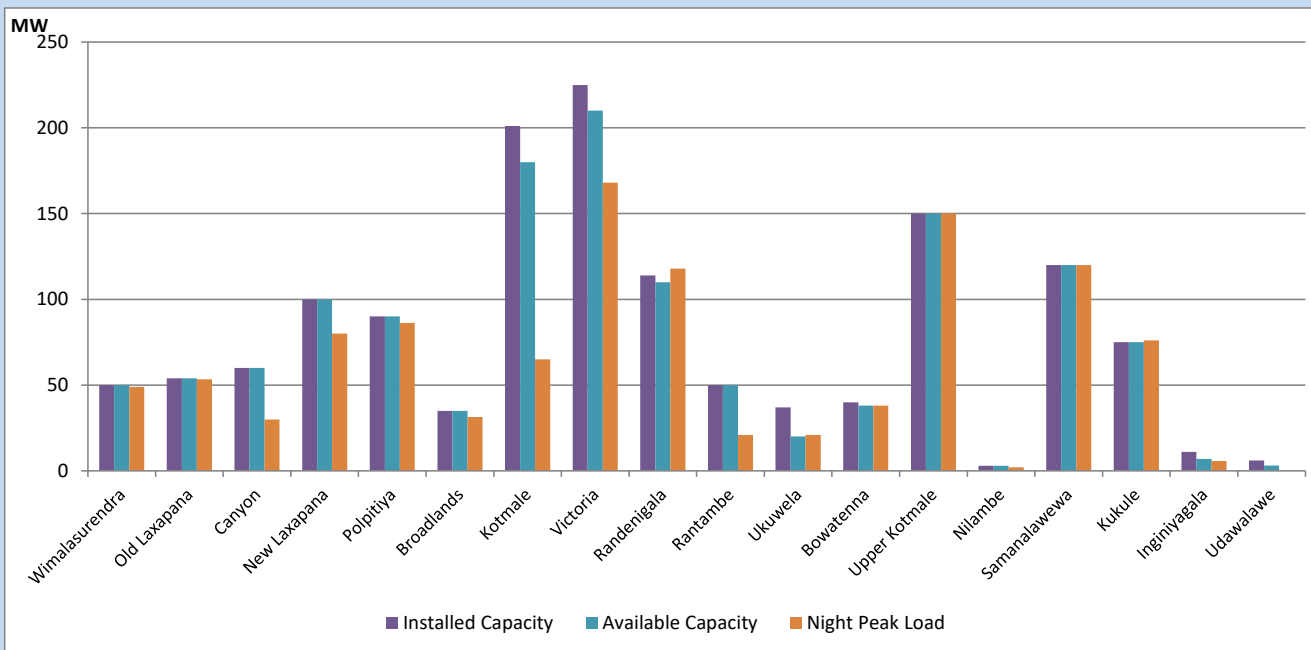


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

April 14, 2023

Major Hydro Plant Loading at Night Peak

April 13, 2023



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

April 14, 2023

Summary of Major Plant performance

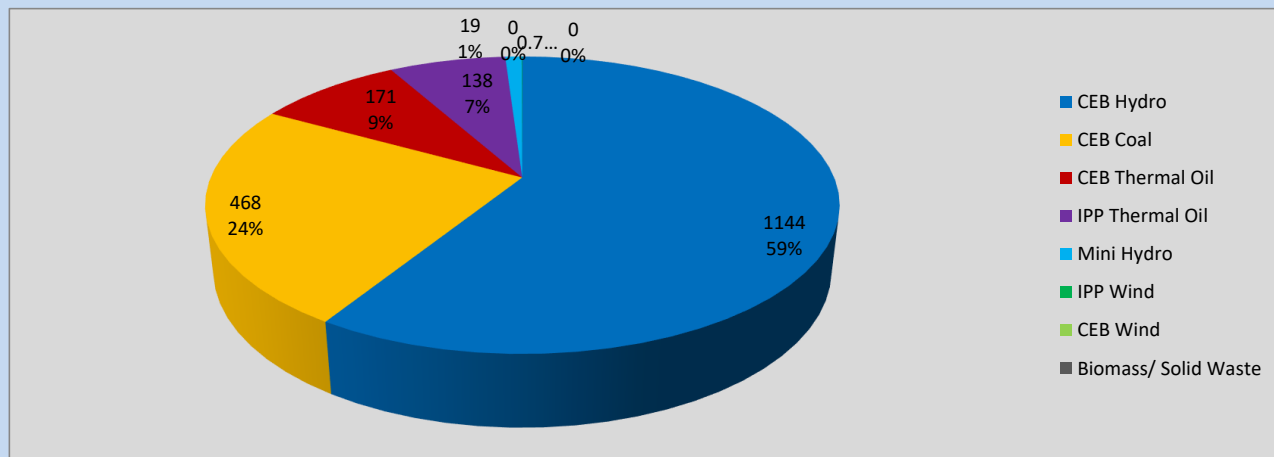
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	49	429
Old Laxapana	54	54	53	1,024
Canyon	60	60	30	449
New Laxapana	100	100	80	1,461
Polpitiya	90	90	86	1,258
Broadlands	35	35	31	238
Kotmale	201	180	65	1,050
Victoria	225	210	168	1,589
Randenigala	114	110	118	784
Rantambe	50	50	21	269
Ukuwela	37	20	21	500
Bowatenna	40	38	38	153
Upper Kotmale	150	150	150	325
Nilambe	3	3	2	7
Samanalawewa	120	120	120	1,173
Kukule	75	75	76	507
Inginiyagala	11	7	6	135
Udawalawe	6	3	0	0
Puttalam Coal I	270	270	270	6,482
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	190	198	4,757
KPS Small GTs	64	32	0	0
KPS GT 7	115	115	0	0
KCCP	161	158	0	71
Sapugaskanda A	70	27	27	599
Sapugaskanda B	70	63	63	1,619
Uthura Janani	26	24	23	562
Barge CEB	60	60	58	1,390
CEB-Hambantota	30	19	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	270	138	4,369
Nothern Power	36	0	0	0
ACE Embilipitiya	93	0	0	0
Total	3,483	2,595	1,912	32,835

Plant availability is the availability recorded at 6 am on

April 14, 2023

Contribution to the Night Peak in MW

April 13, 2023

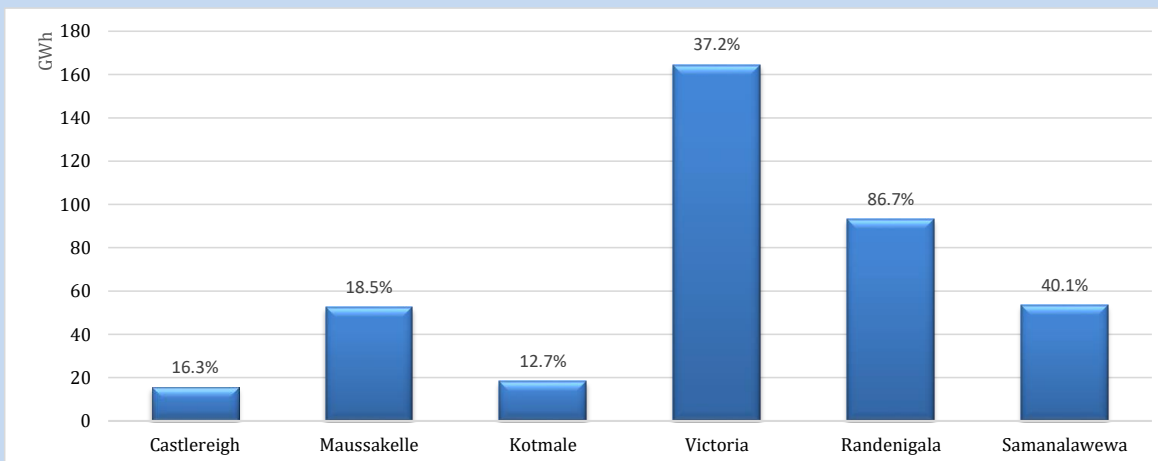


Night Peak*	1,941 MW
Day Peak	1,312 MW
Minimum Demand	1,158 MW

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

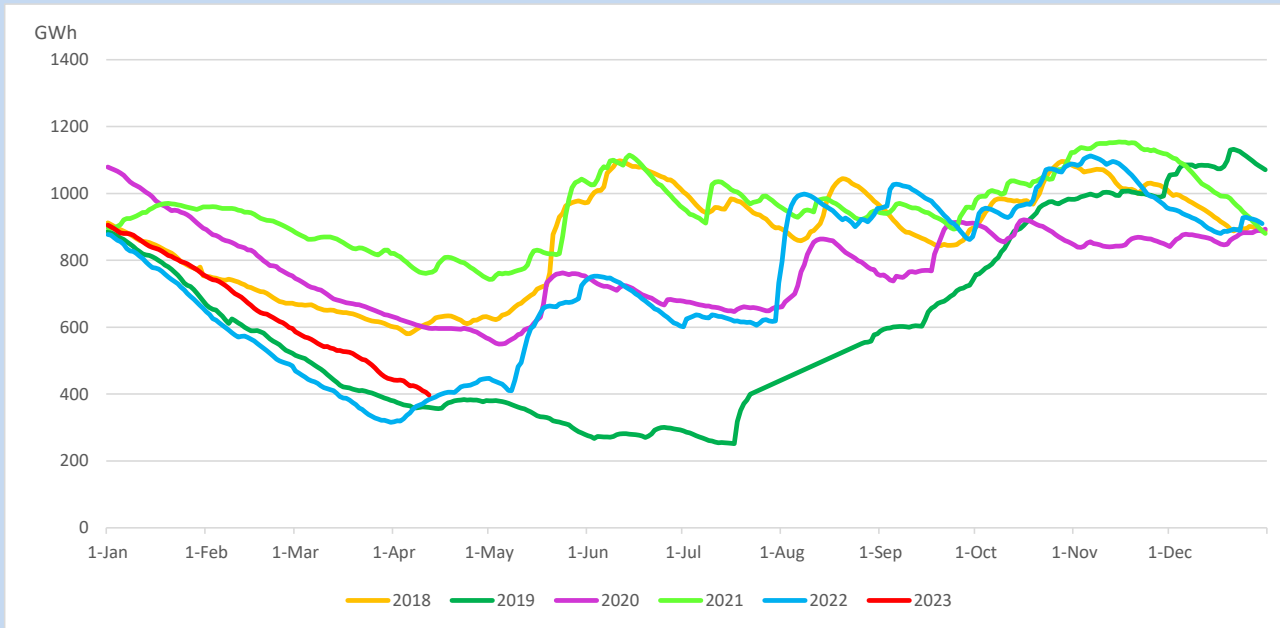
Reservoir Levels -

as at 06.00 Hr on April 14, 2023

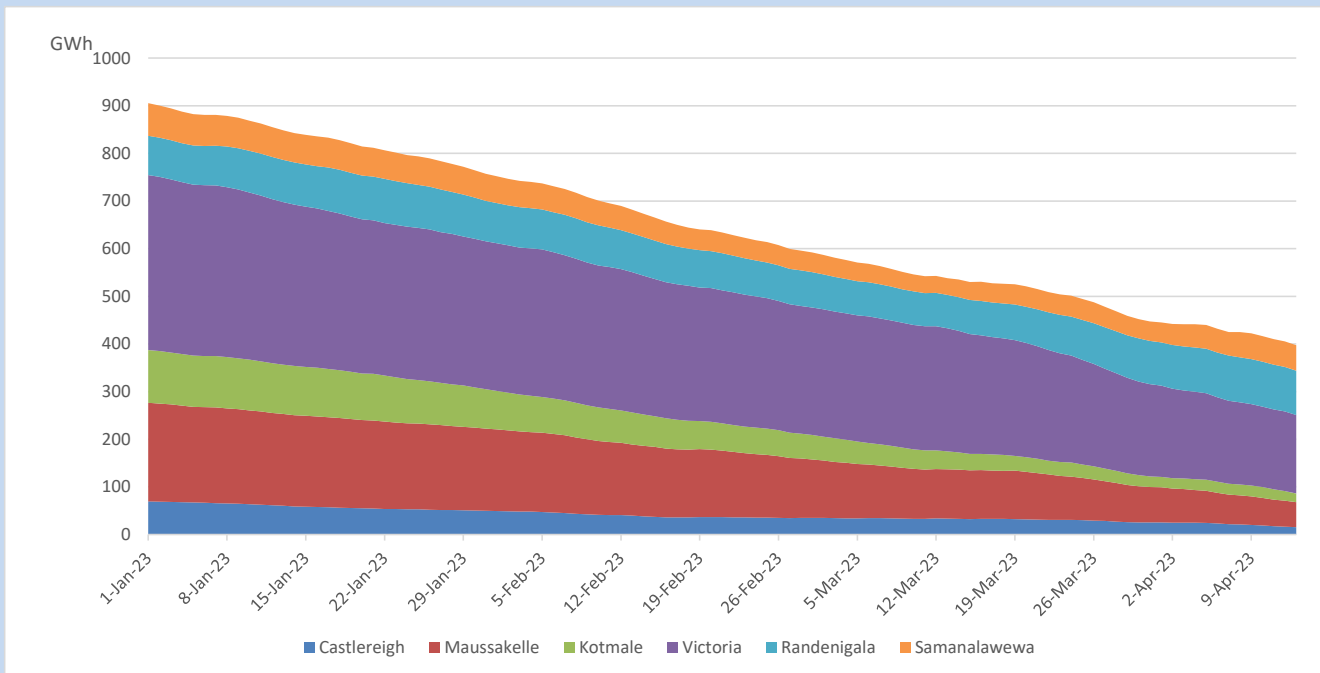


Total Reservoir Level	397.3 GWh
% of Total capacity	33.0%

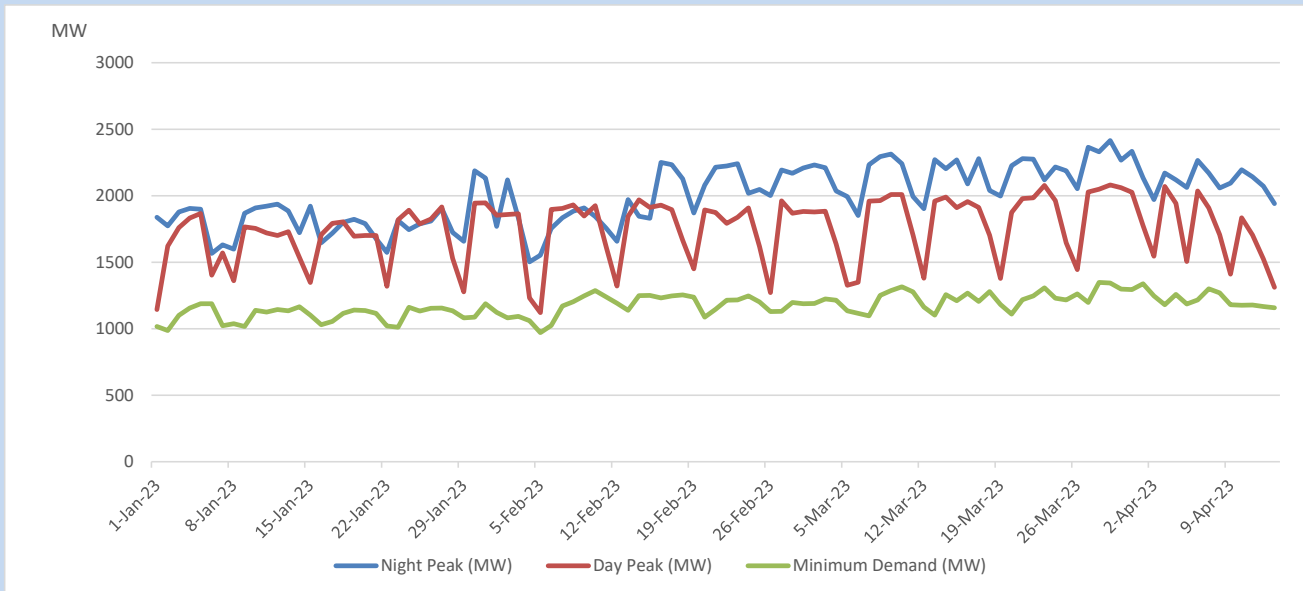
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

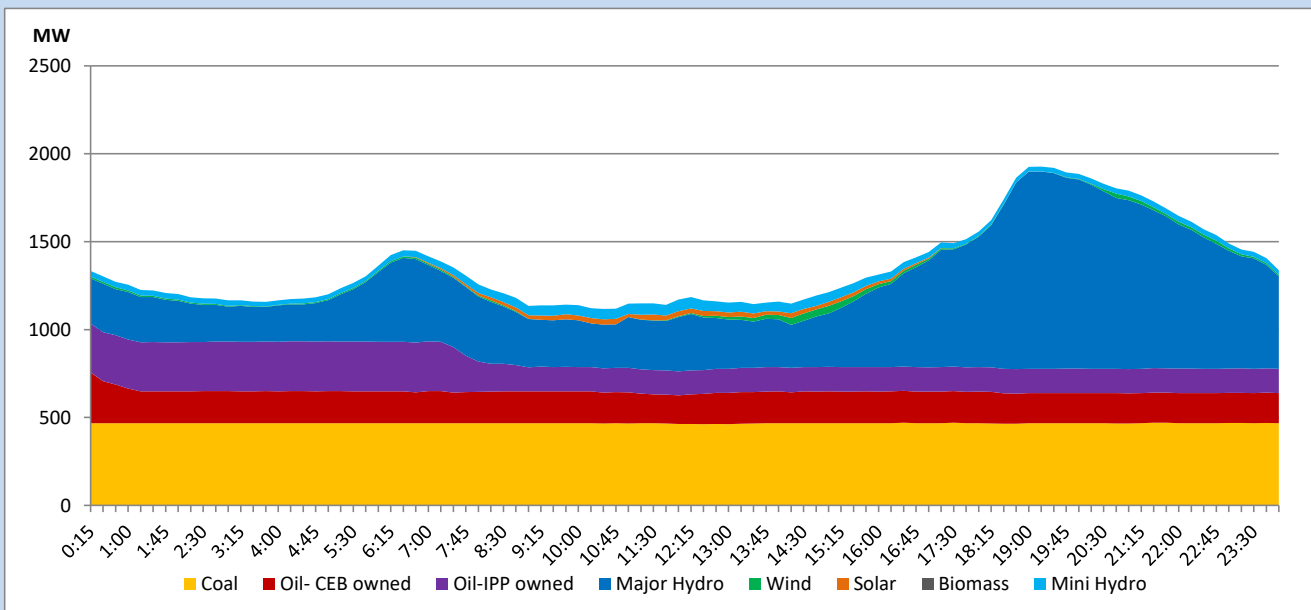


The above figures are excluding contribution from roof top solar, non telemetered solar and mini hydro plants

Daily Load Curve

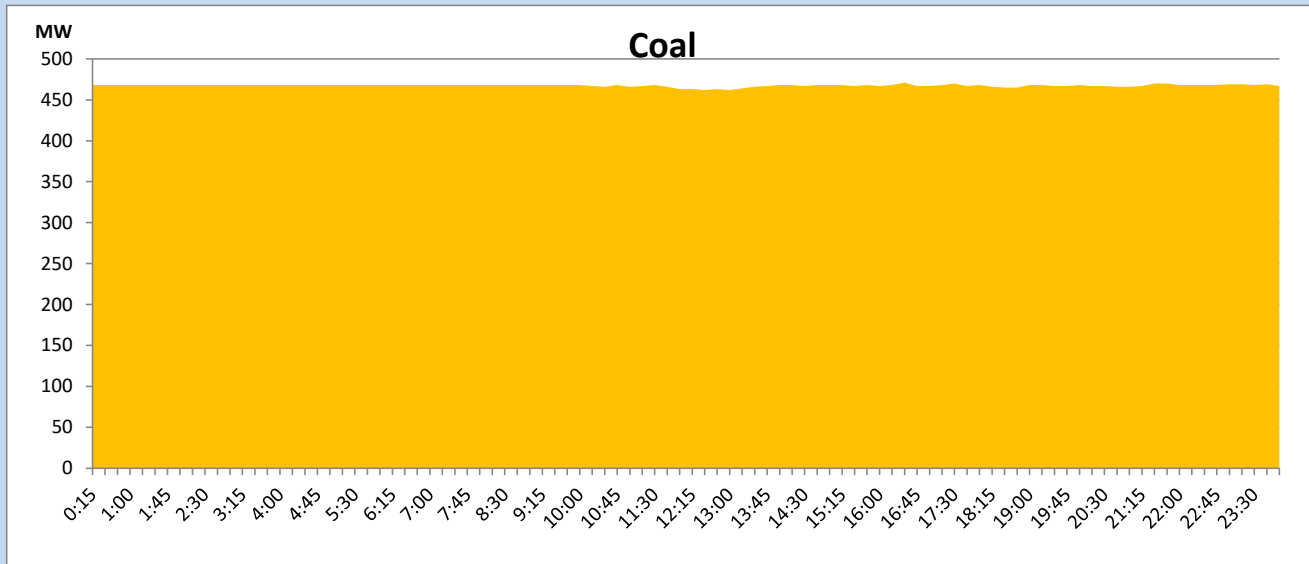
April 13, 2023

Solar and wind data is based on Telemetered Power Stations only



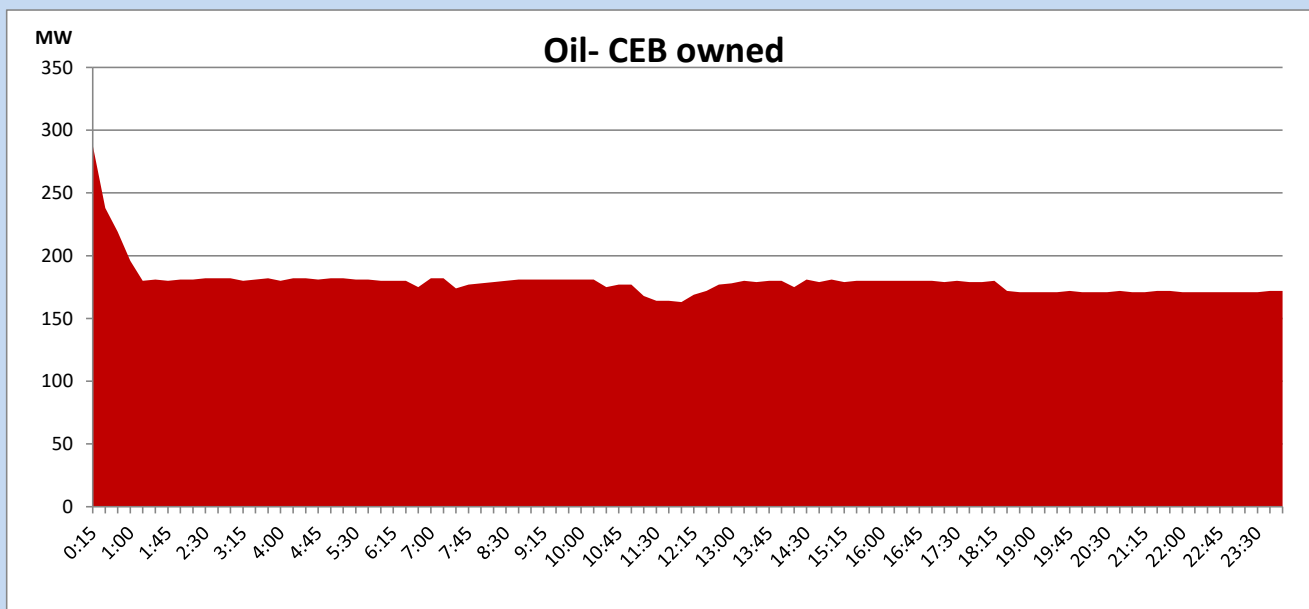
Coal Generation during

April 13, 2023



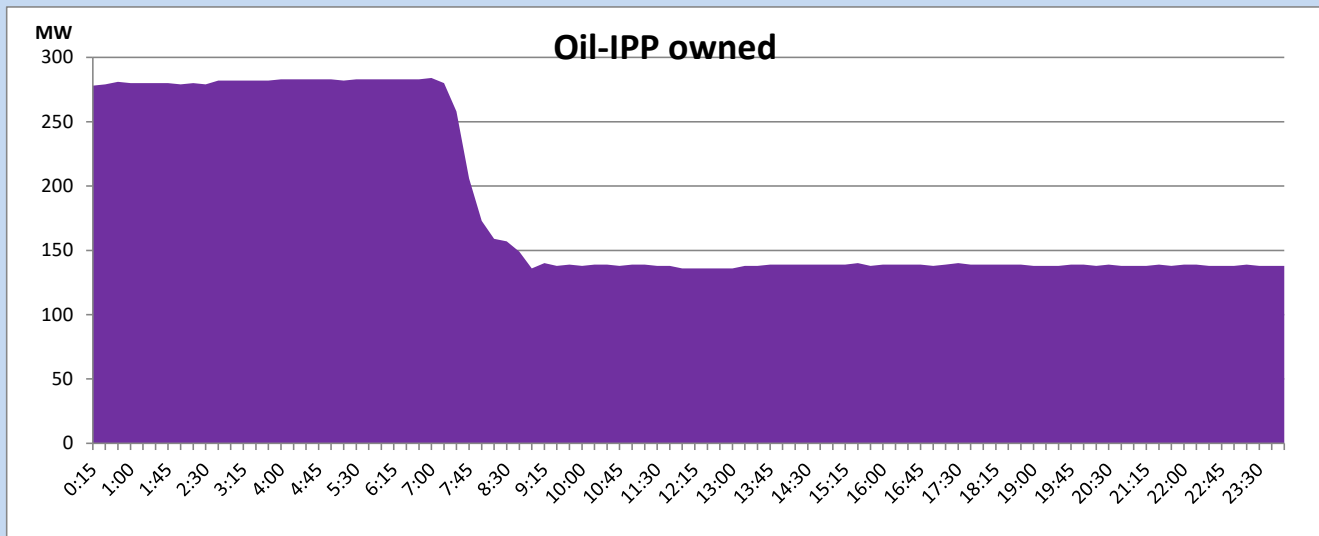
CEB Oil Plant Generation during

April 13, 2023



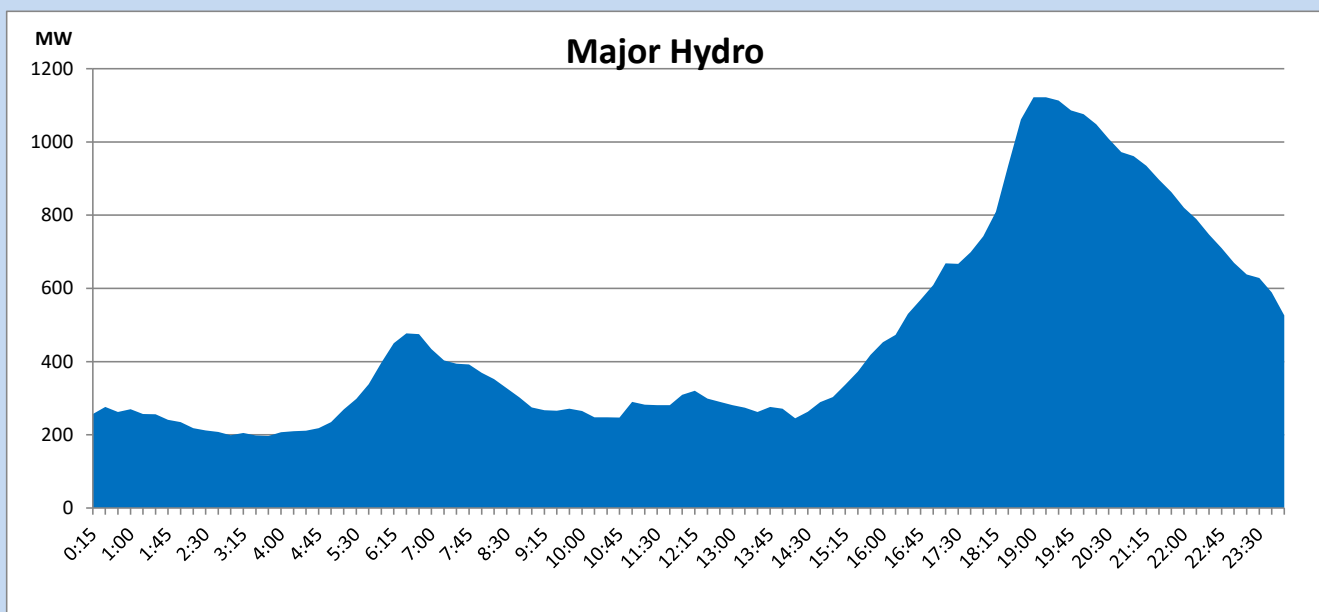
IPP Oil Plant Generation during

April 13, 2023



Major Hydro Generation during

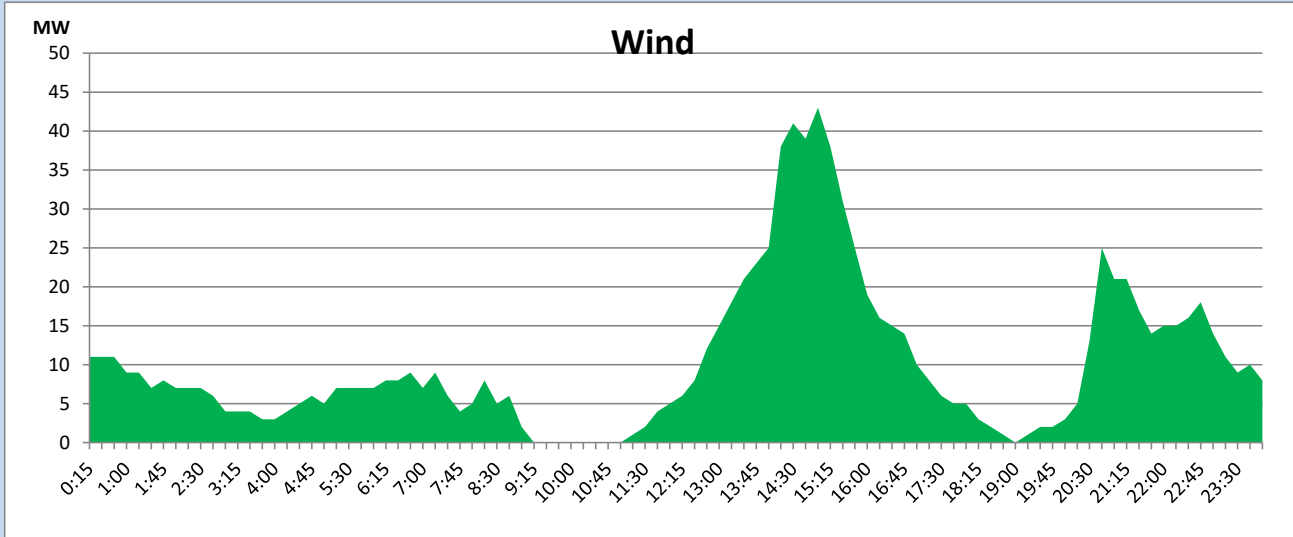
April 13, 2023



Wind Generation during

April 13, 2023

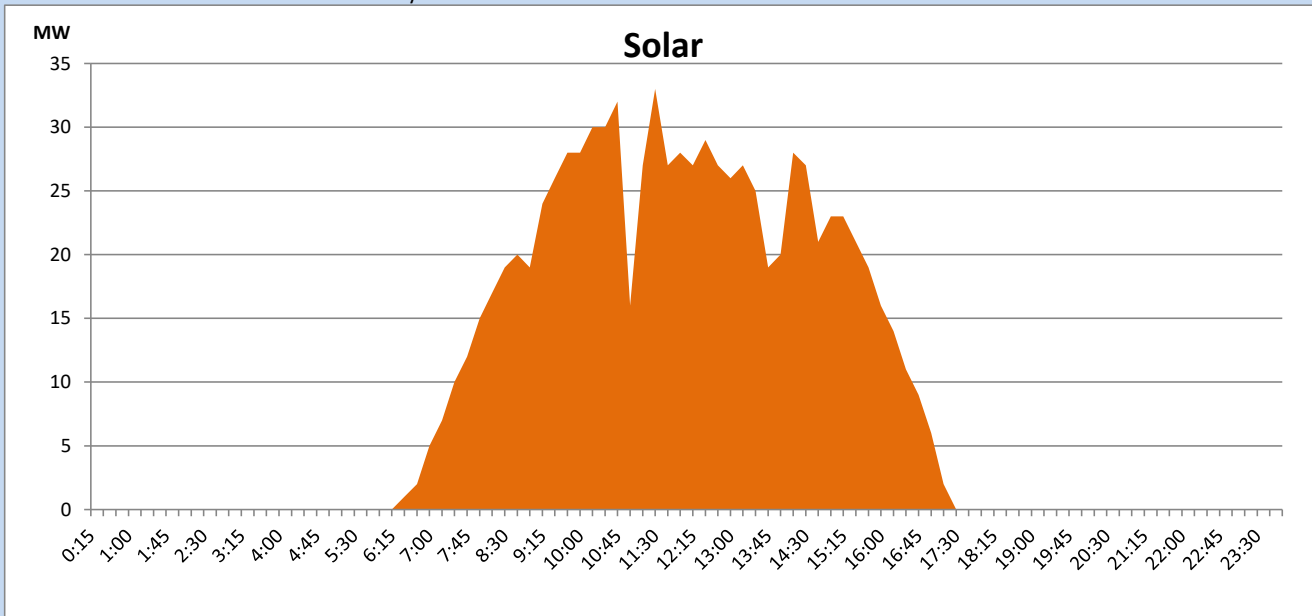
Based on Telemetered Power Stations only



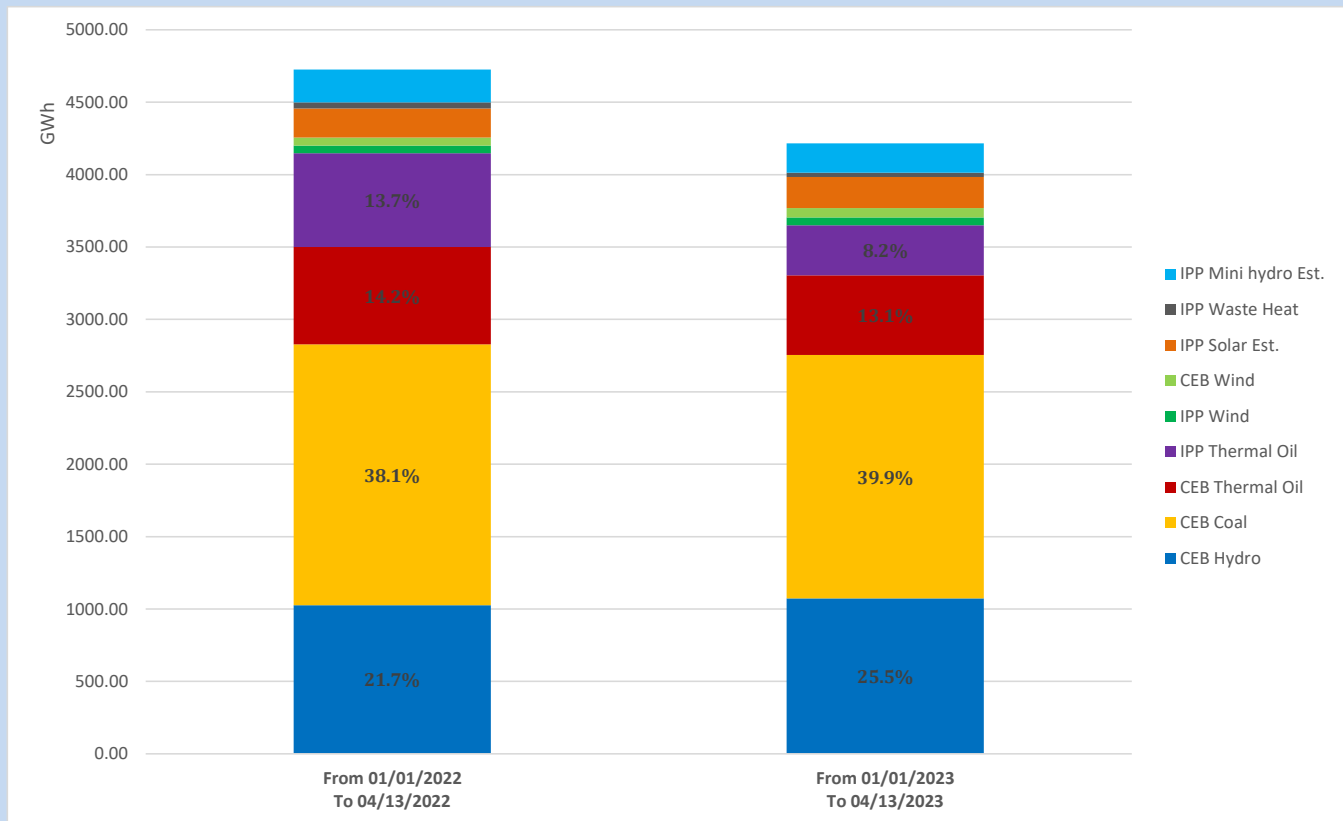
Solar Generation during

April 13, 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

April 13, 2023

- 1) Victoria P/S unit 01 tripped at 14:18hrs due to high water level in turbine pit. Victoria P/S unit 01 resumed generation at 15:16hrs.
- 2) Sapugaskanda P/S unit 02 was made unavailable from 11:15hrs to 11:57hrs for a sensor replacement. Sapugaskanda P/S unit 07 is unavailable from 18:29hrs due to an engine cooling water leakage and yet to resume generation.
- 3) Kotugoda 220/132/33kV T/F 02 tripped at 20:39hrs due to the operation of REF protection in 33kV side. Kotugoda 220/132/33kV T/F 02 was restored at 01:00hrs(14.04.2023).