

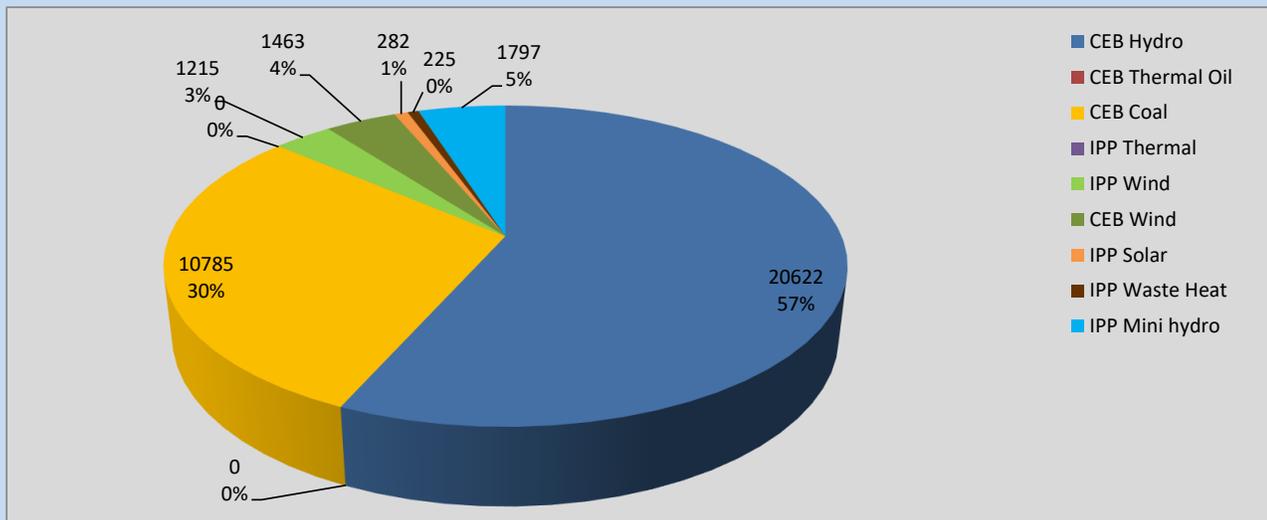
Generation and Reservoirs Statistics

October 17, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **36,389 MWh**

Note: Above data is excluding contribution from Roof Top Solar, 1MW Solar and certain Mini Hydro plants

Cumulative Dispatch

Note: Following data is Excluding contribution from Roof Top Solar, 1MW solar and Mini Hydro plants

For Current Month

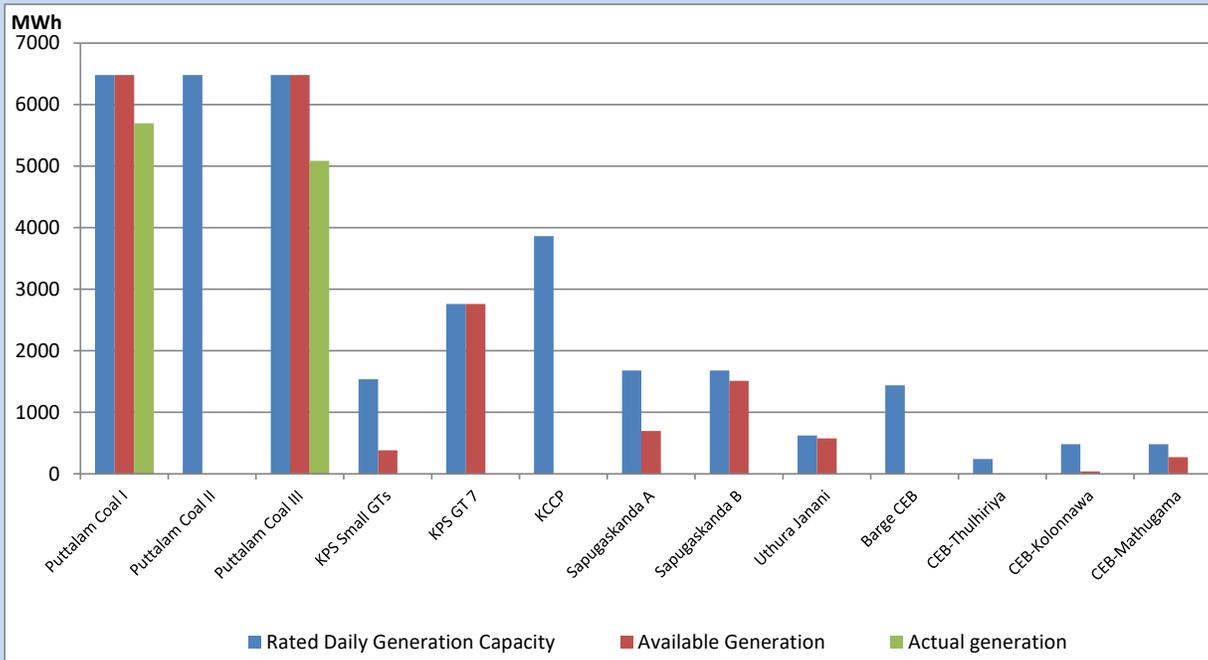
Category	Dispatch (GWh)	
CEB Hydro	317.85	50.46%
CEB Thermal Oil	38.12	6.05%
CEB Coal	200.72	31.87%
IPP Thermal	7.12	1.13%
SPP Wind	15.90	2.52%
CEB Wind	15.78	2.51%
SPP Solar	4.75	0.75%
SPP Solid Waste	2.84	0.45%
Mini Hydro	26.82	4.26%
Total	629.90	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	4,018.0	34.34%
CEB Thermal Oil	1,216.8	10.40%
CEB Coal	4,241.9	36.26%
IPP Thermal	1,082.9	9.26%
SPP Wind	296.9	2.54%
CEB Wind	321.8	2.75%
SPP Solar	76.1	0.65%
SPP Solid Waste	57.7	0.49%
Mini Hydro	387.4	3.31%
Total	11,699.2	

CEB owned Thermal Plant Dispatch

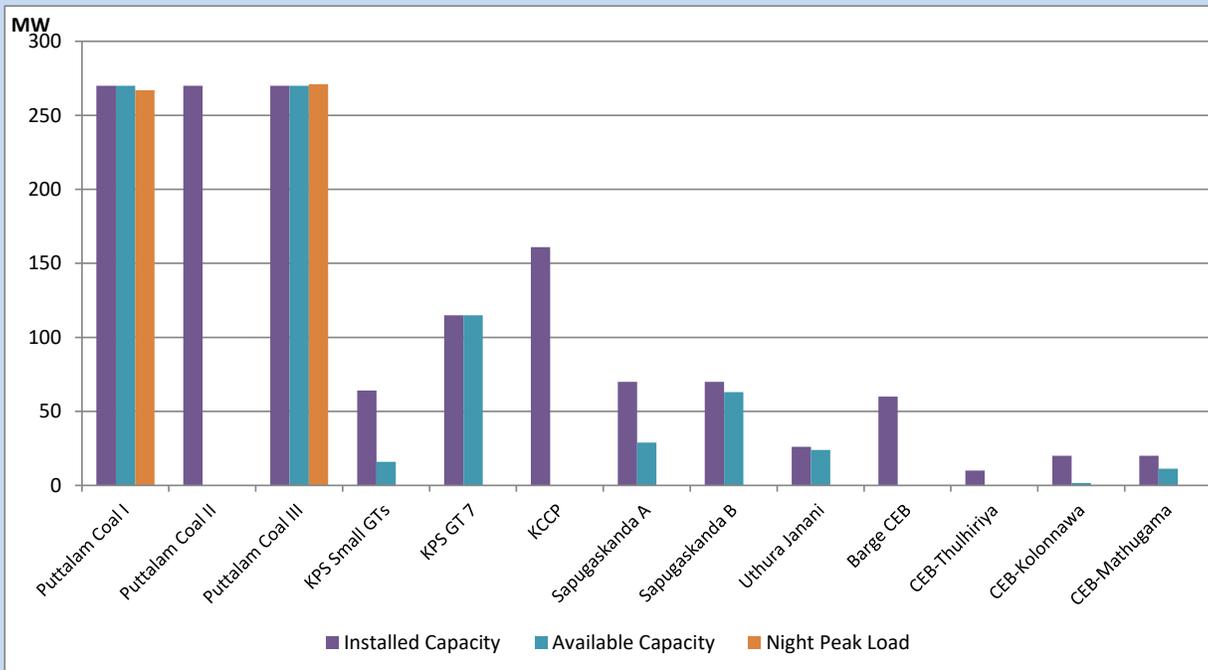
October 17, 2022



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

October 18, 2022

CEB owned Thermal Plant Loading at the Night Peak



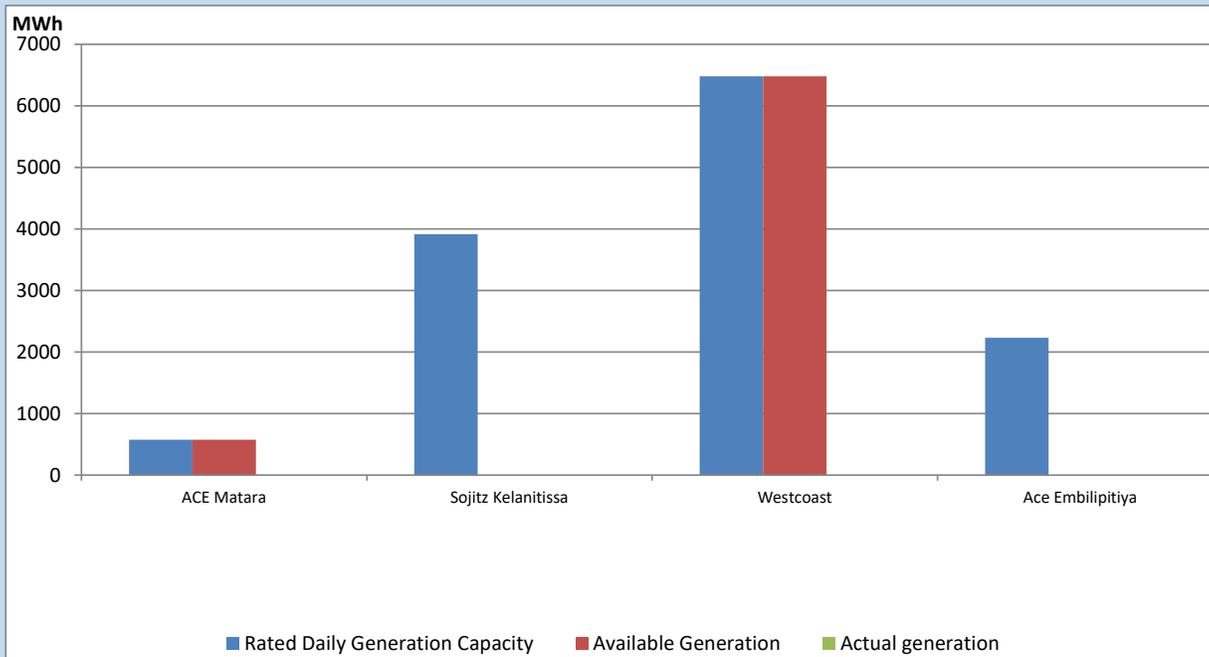
Note- Plant availability is recorded at 6.00 am on

October 18, 2022

IPP owned Thermal Plant Dispatch

October 17, 2022

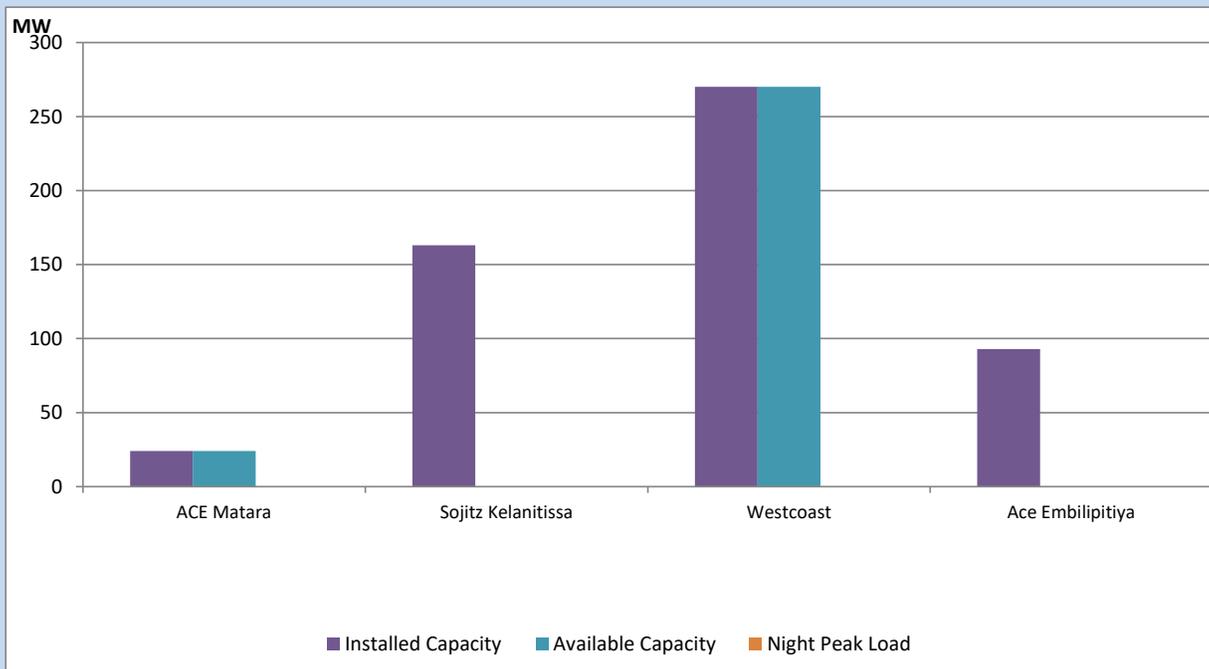
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

October 18, 2022

IPP owned Thermal Plant Loading at the Night Peak

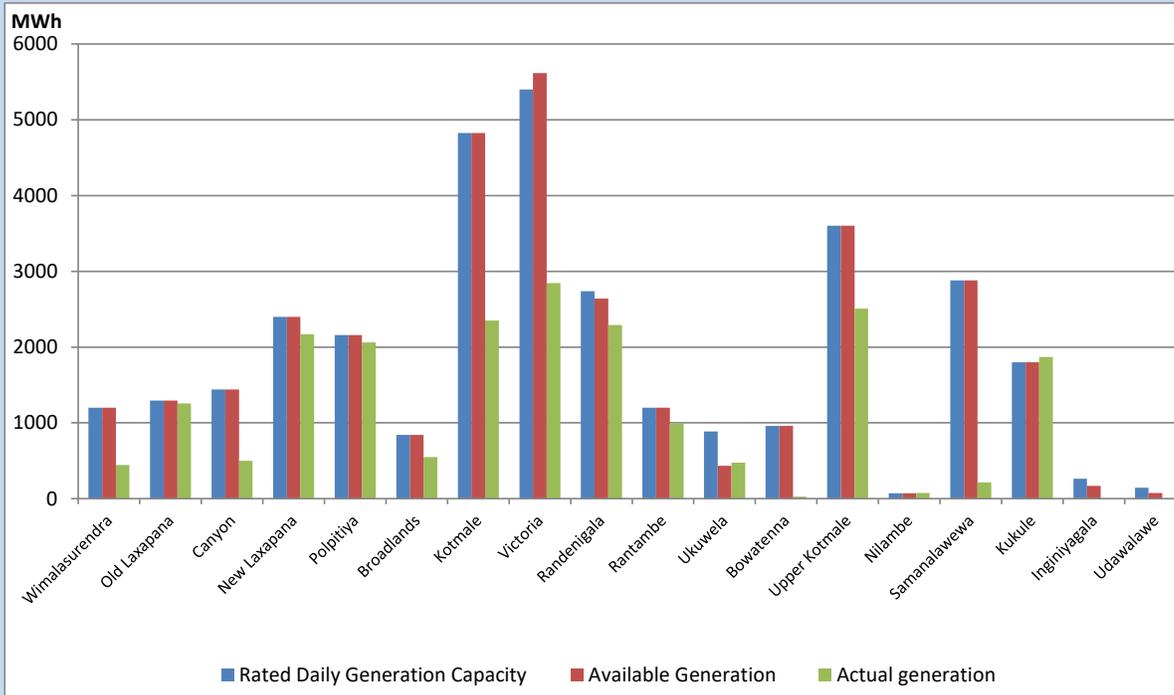


Note- Plant availability is recorded at 6.00 am on

October 18, 2022

Major Hydro Plant Dispatch

October 17, 2022

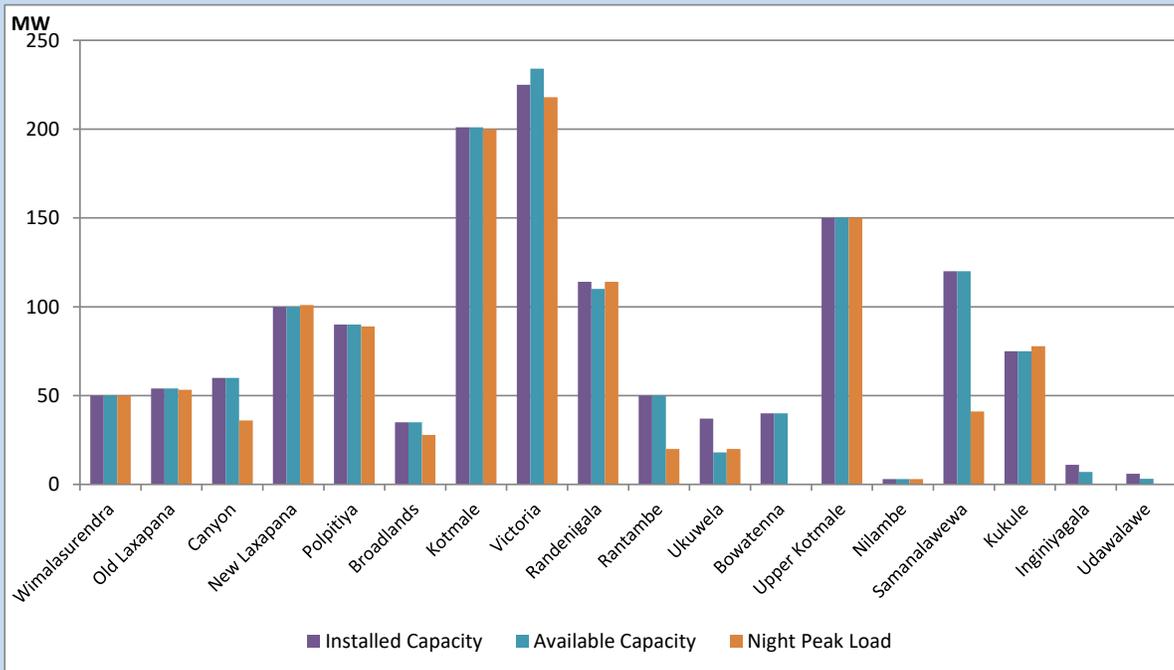


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

October 18, 2022

Major Hydro Plant Loading at Night Peak

October 17, 2022



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

October 18, 2022

Summary of Major Plant performance

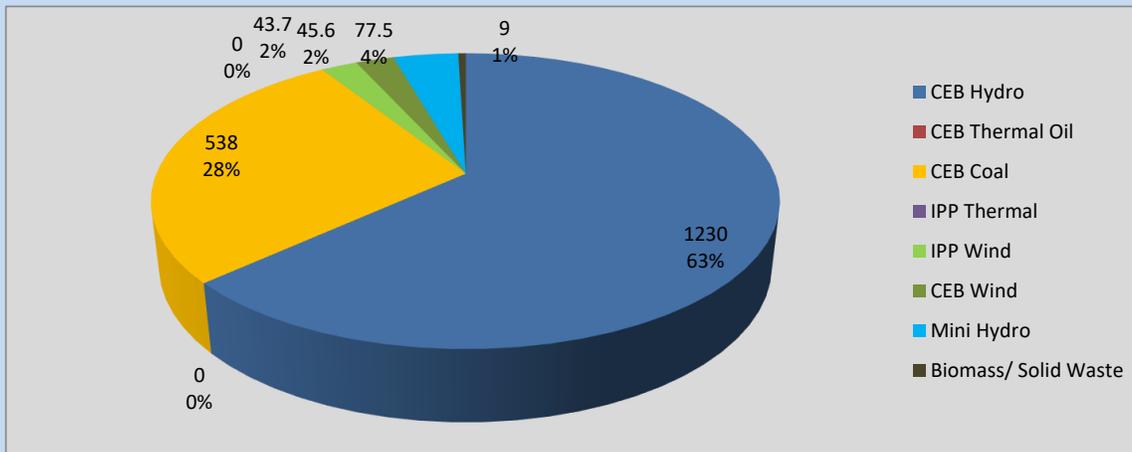
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	50	445
Old Laxapana	54	54	53	1,256
Canyon	60	60	36	501
New Laxapana	100	100	101	2,168
Polpitiya	90	90	89	2,061
Broadlands	35	35	28	550
Kotmale	201	201	200	2,350
Victoria	225	234	218	2,844
Randenigala	114	110	114	2,291
Rantambe	50	50	20	990
Ukuwela	37	18	20	475
Bowatenna	40	40	0	26
Upper Kotmale	150	150	150	2,506
Nilambe	3	3	3	76
Samanalawewa	120	120	41	215
Kukule	75	75	78	1,868
Inginiyagala	11	7	0	0
Udawalawe	6	3	0	0
Puttalam Coal I	270	270	267	5,697
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	270	271	5,088
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	29	0	0
Sapugaskanda B	70	63	0	0
Uthura Janani	26	24	0	0
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	2	0	0
CEB-Mathugama	20	11	0	0
ACE Matara	24	24	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	2,494	1,915	36,389

Plant availability is the availability recorded at 6 am on

October 18, 2022

Contribution to the Night Peak in MW

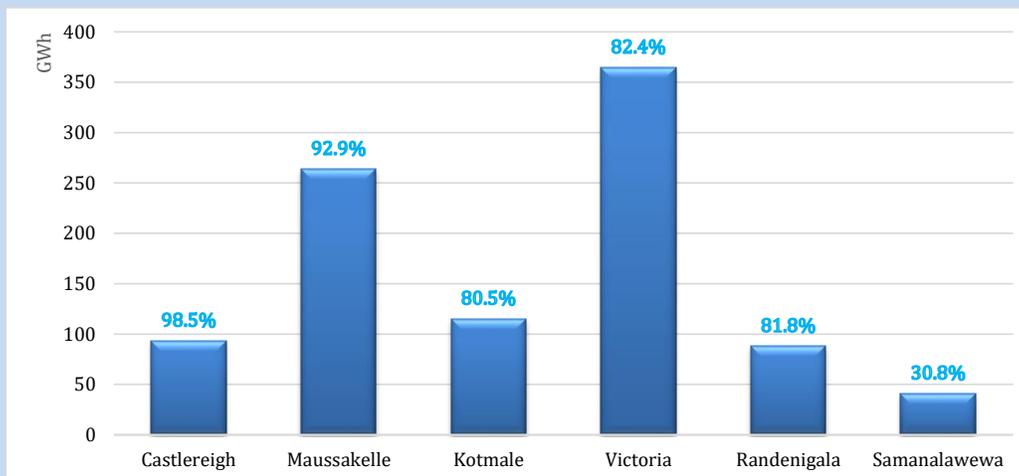
October 17, 2022



Night Peak*	1,943.7 MW
Day Peak	1,744.8 MW
Minimum Demand	942.9 MW

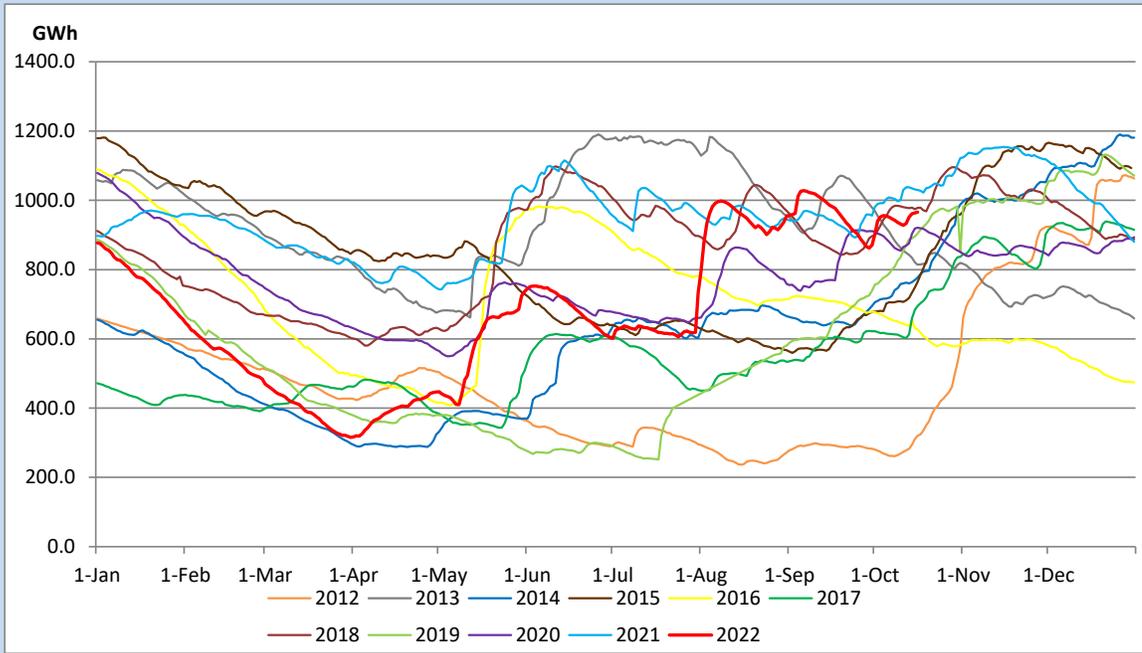
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on October 18, 2022

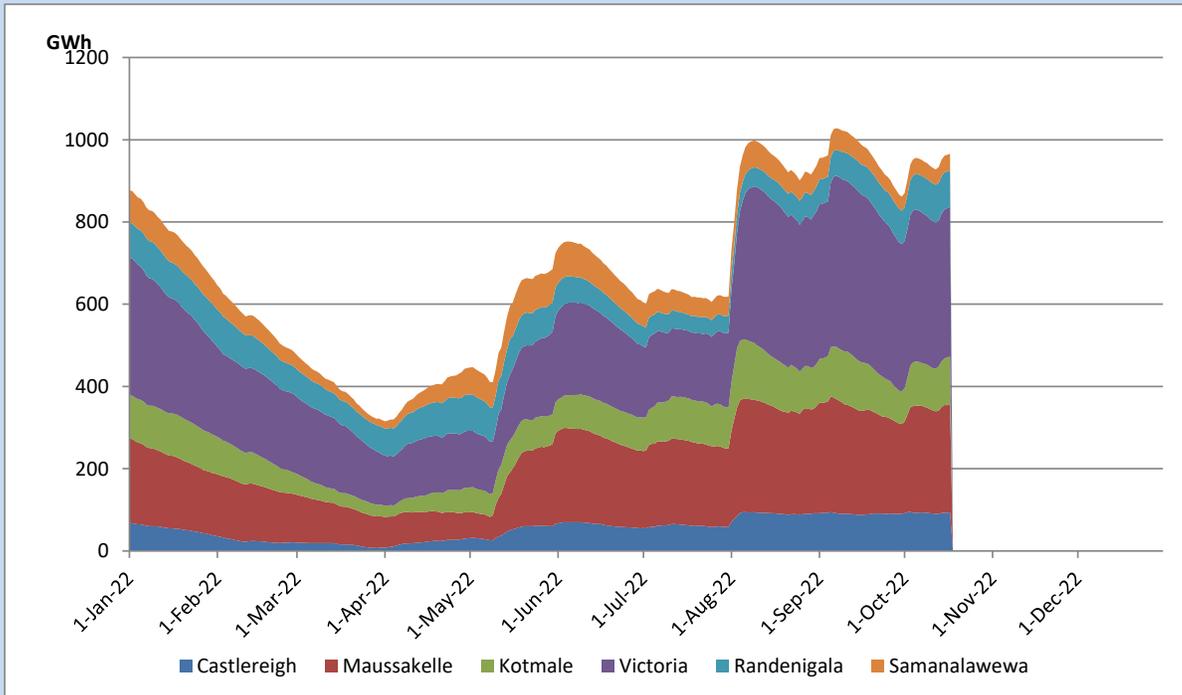


Total Reservoir Level	966 GWh
% of Total capacity	80.2%

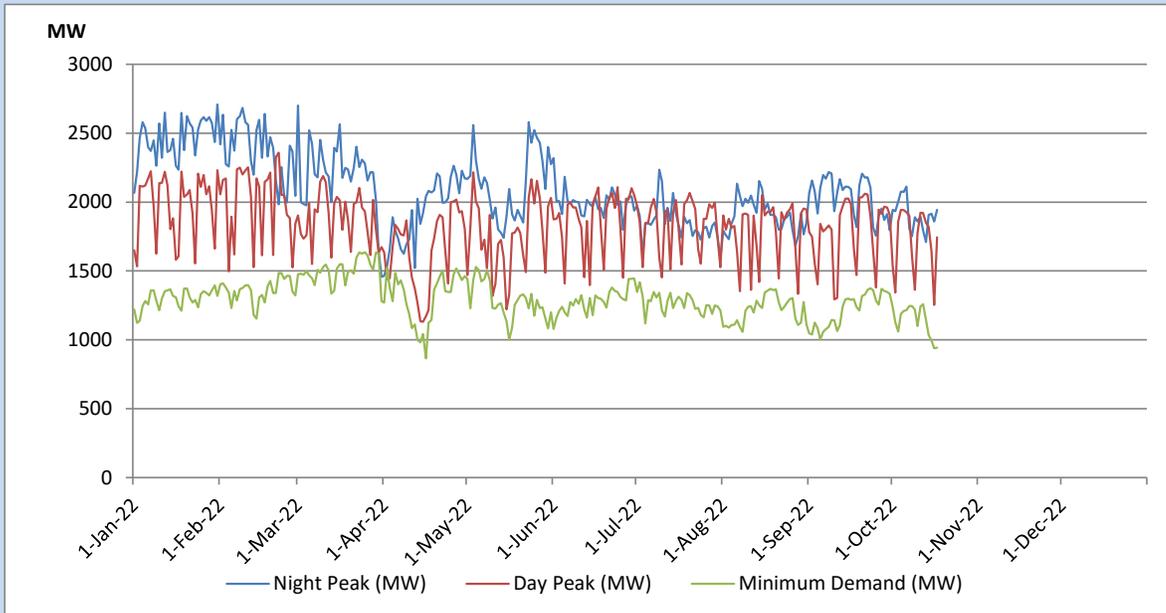
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

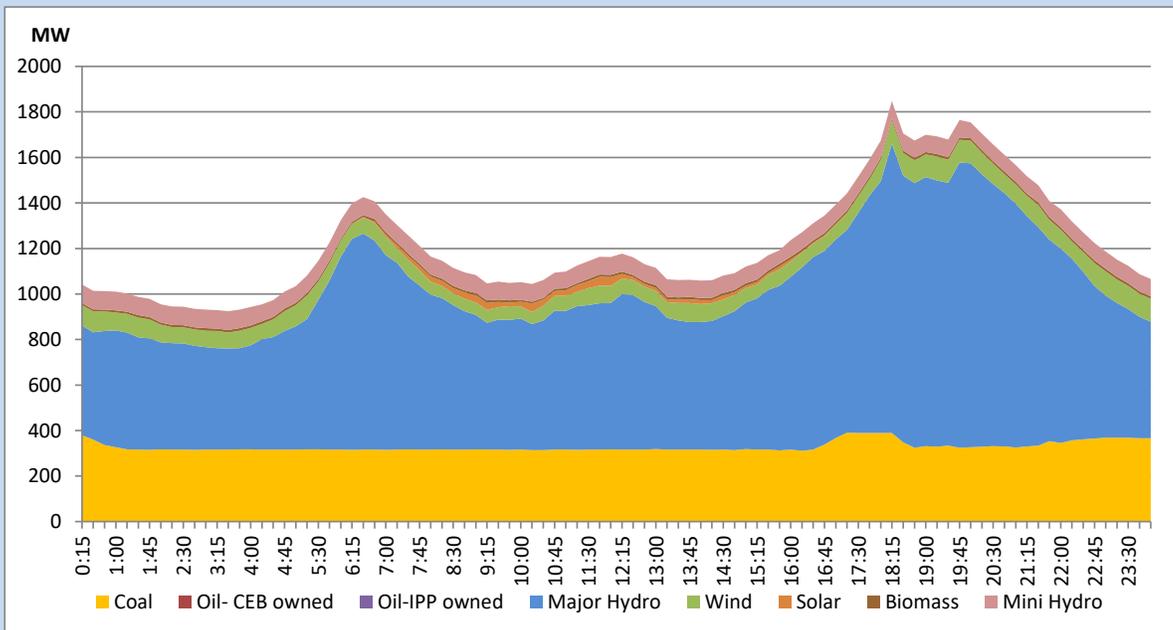


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

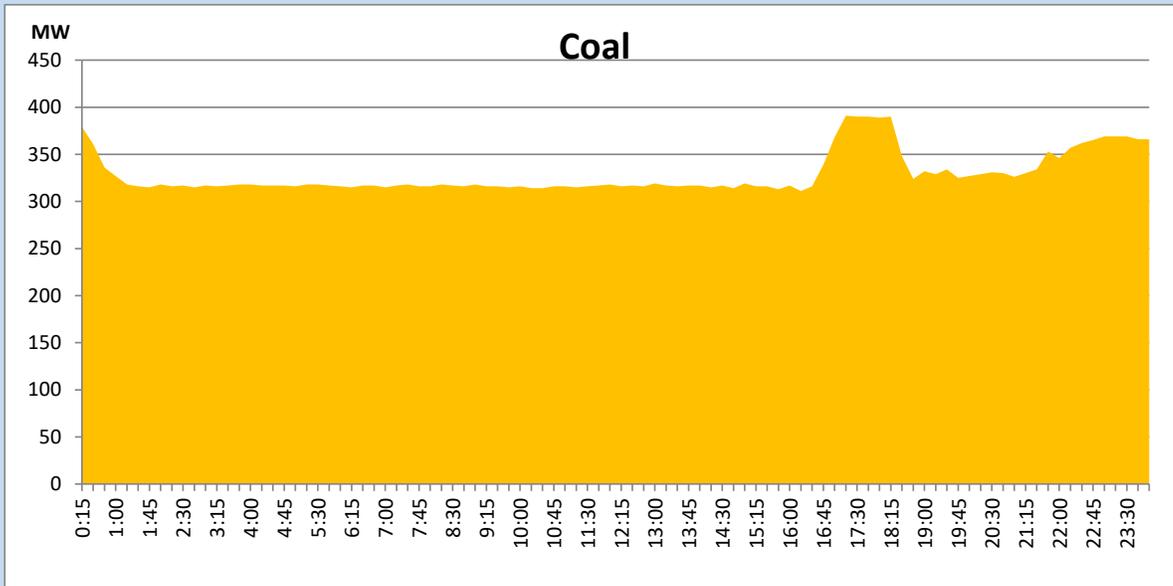
October 16, 2022

Solar and wind data is based on Telemetered Power Stations only



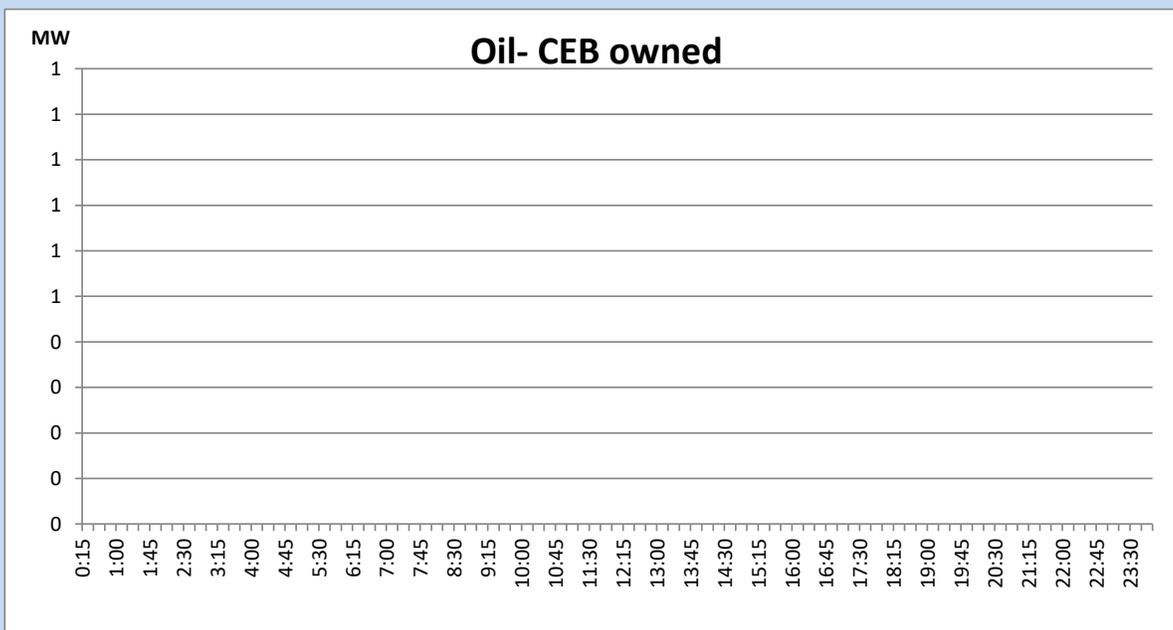
Coal Generation during the Previous day

October 16, 2022



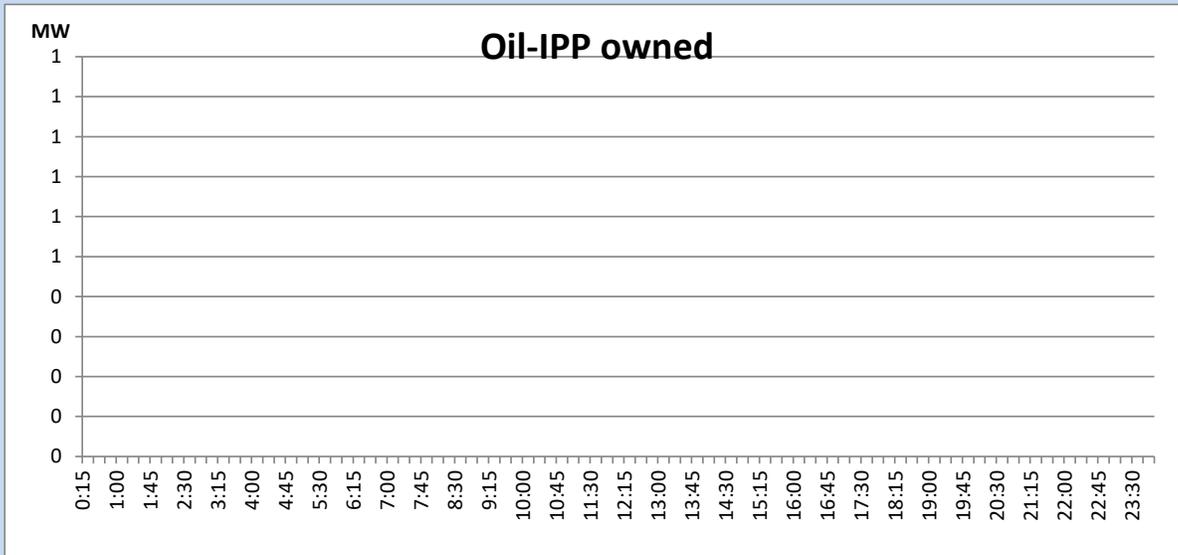
CEB Oil Plant Generation during the Previous day

October 16, 2022



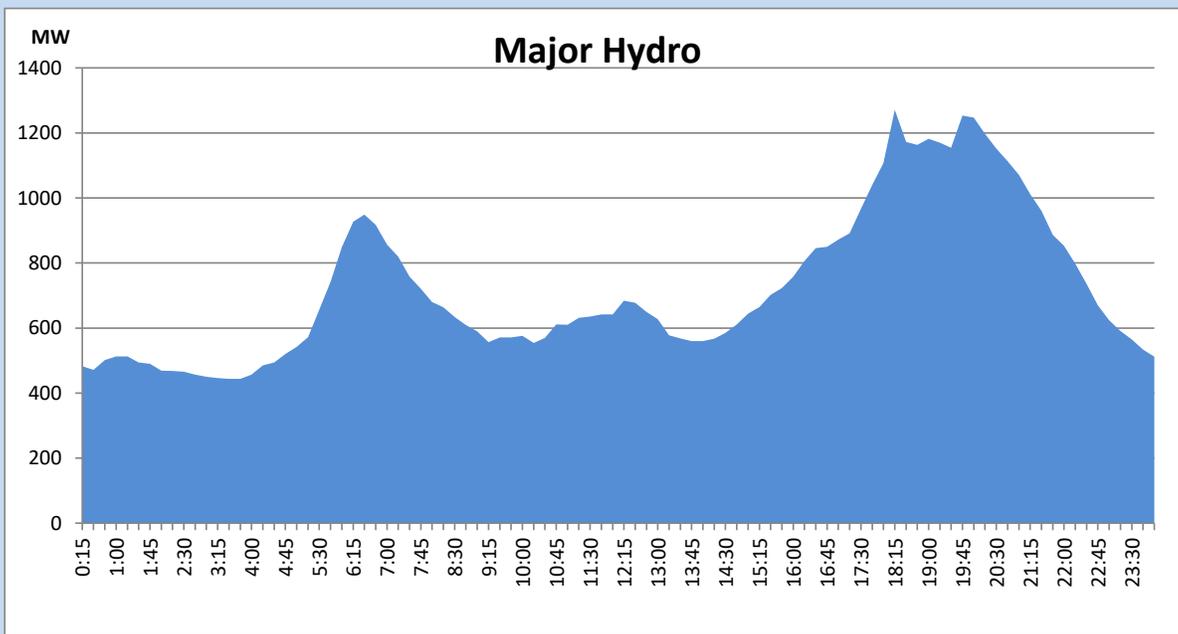
IPP Oil Plant Generation during the Previous day

October 16, 2022



Major Hydro Generation during the Previous day

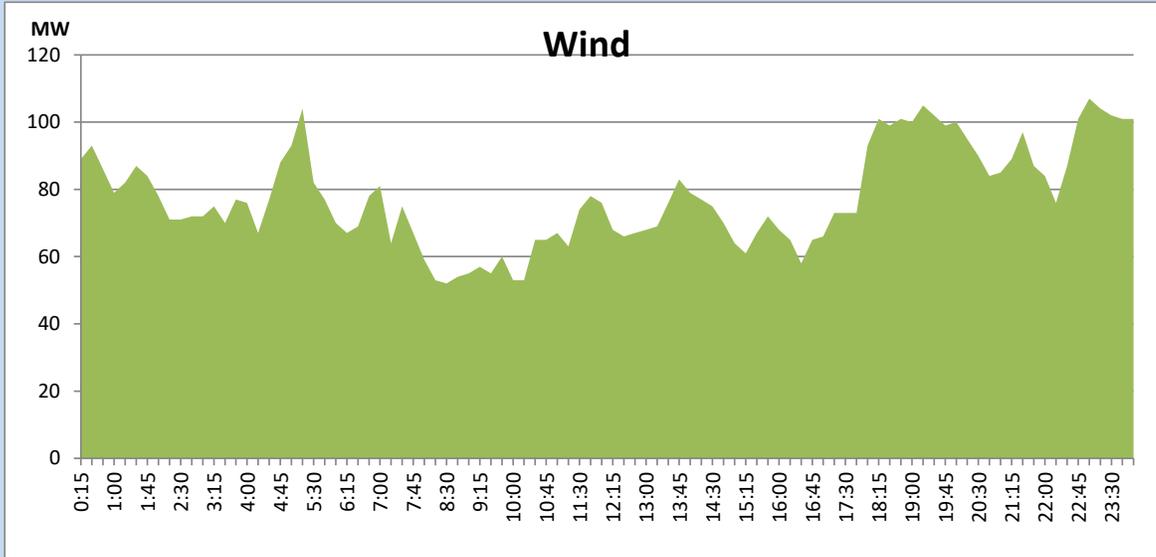
October 16, 2022



Wind Generation during the Previous day

October 16, 2022

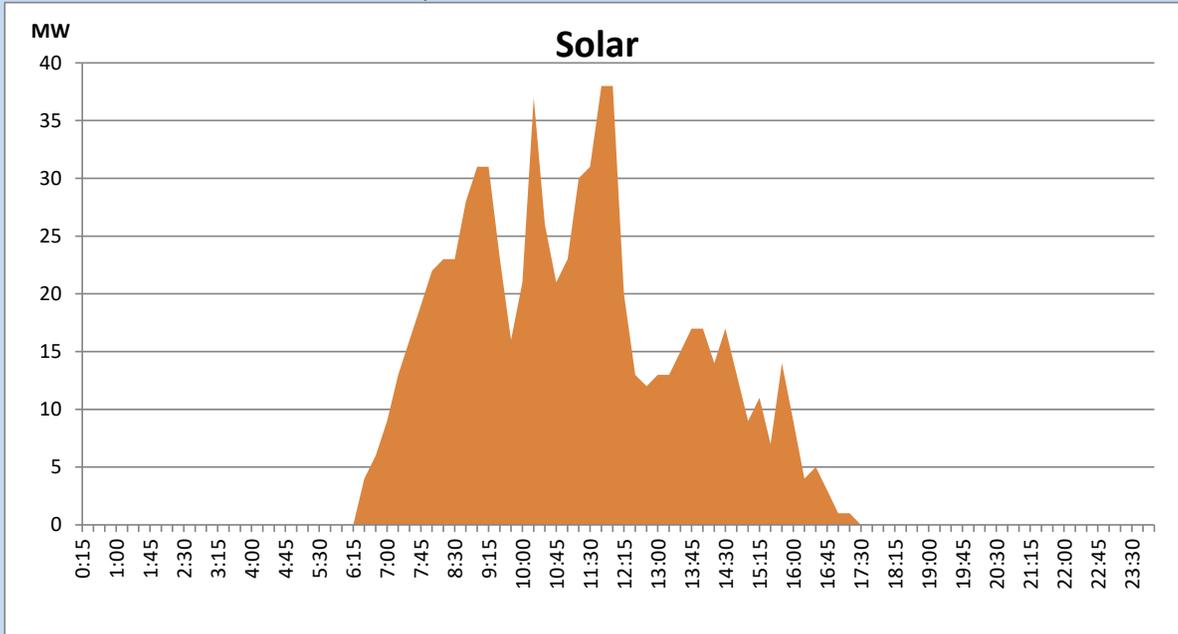
Based on Telemetered Power Stations only



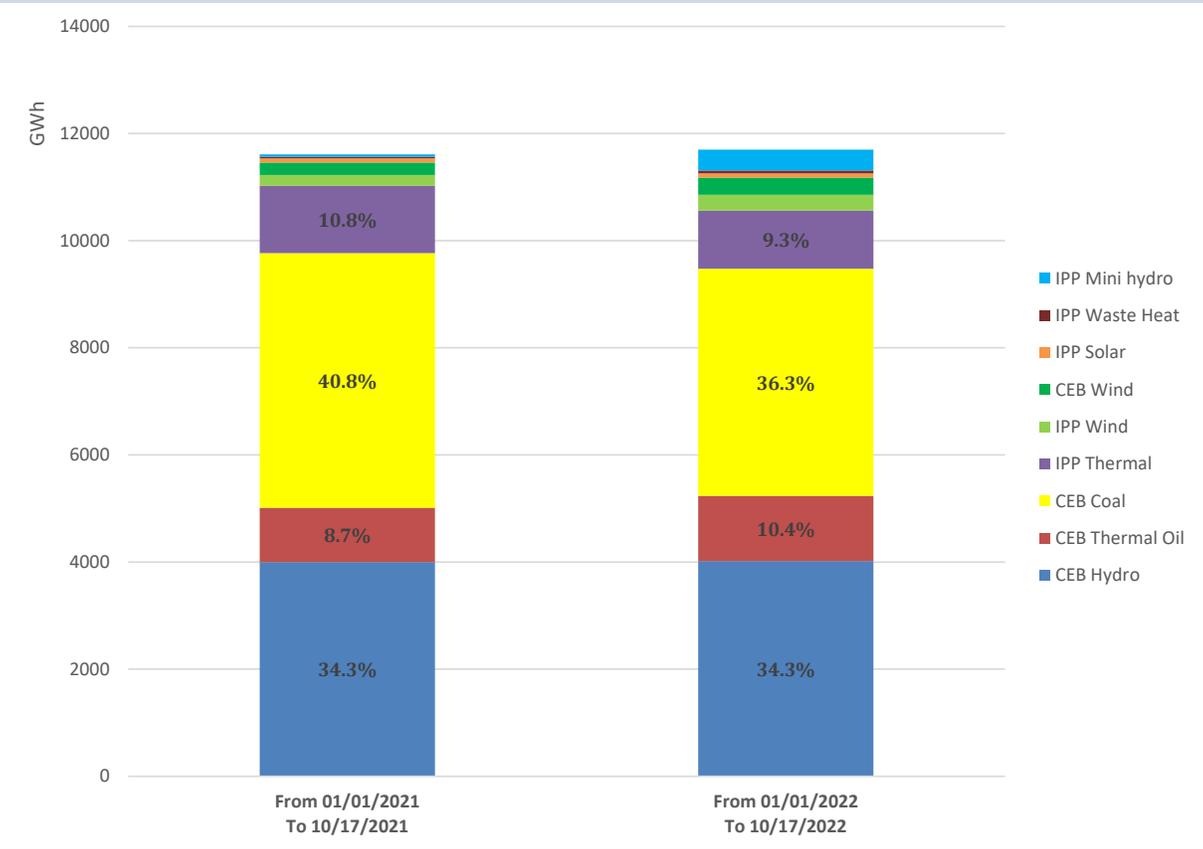
Solar Generation during the Previous day

October 16, 2022

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	
Sojitz - Kelanitissa	Auto Diesel
West Coast	Auto Diesel / Heavy Fuel
ACE Matara	Heavy Fuel
ACE Embilipitiya	Heavy Fuel

Major Incidents during the day -as reported by CEB morning of

October 18, 2022

1) Manual load shedding carried out from 18:00hrs to 20:40hrs.

2) Ampara – Vavunativ cct tripped from Ampara end and tripped and A/R from Vavunativ end at 16:30hrs due to the operation of differential protection. Ampara – Vavunativ cct normalized at 17:10hrs.