

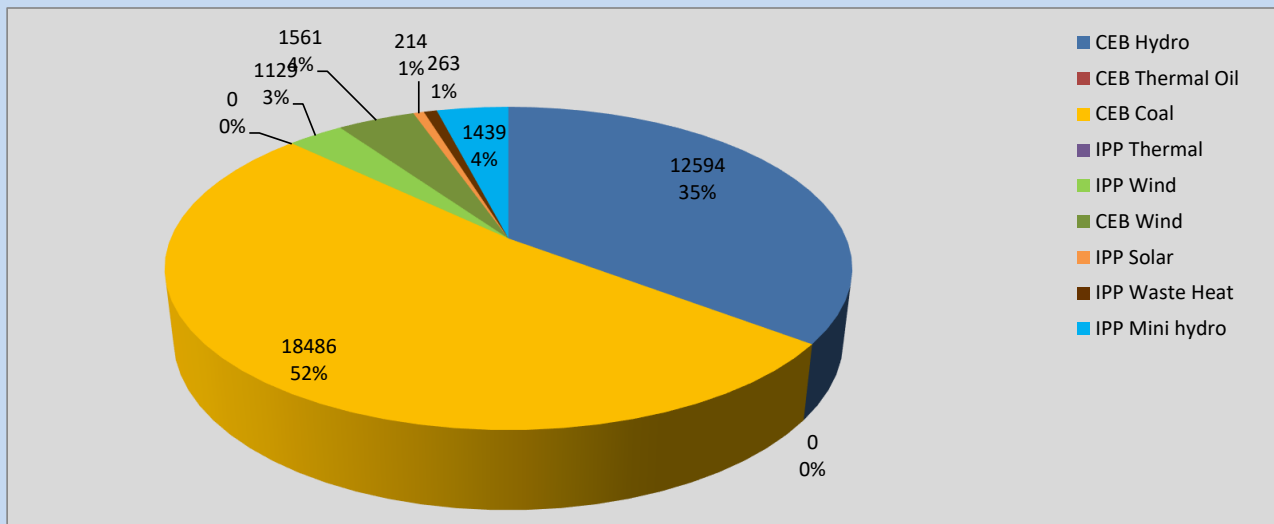
Generation and Reservoirs Statistics

June 14, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **35,686 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

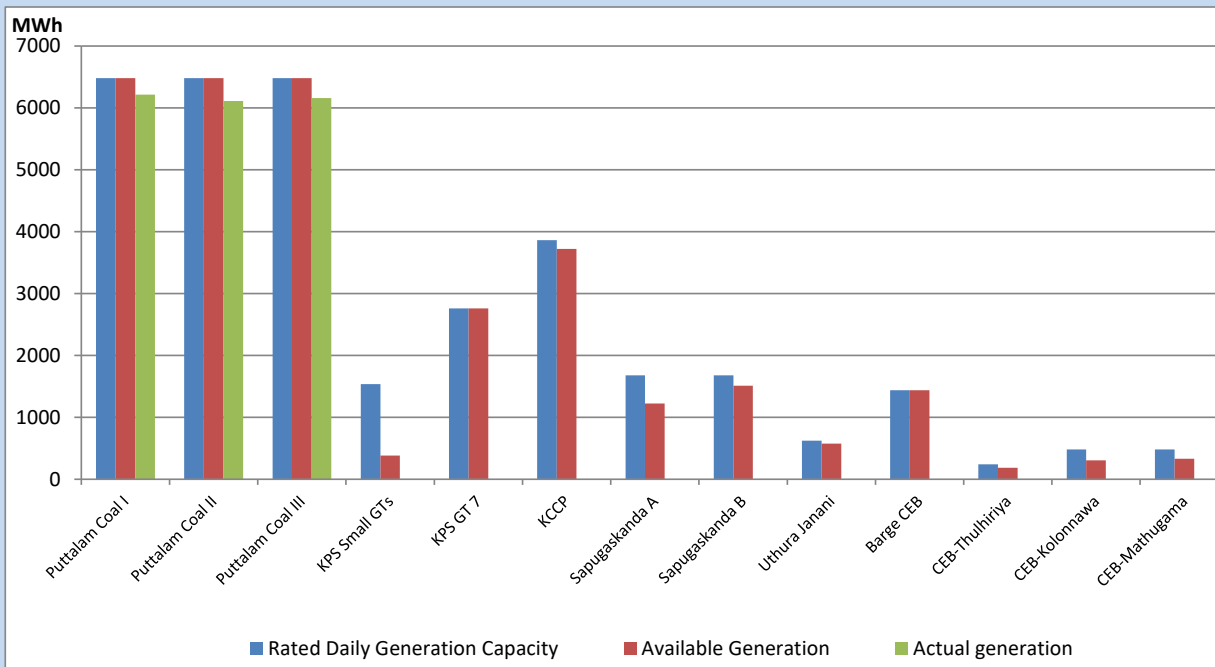
Category	Dispatch (GWh)	Percentage
CEB Hydro	215.11	38.60%
CEB Thermal Oil	0.91	0.16%
CEB Coal	251.37	45.11%
IPP Thermal	2.43	0.44%
SPP Wind	25.63	4.60%
CEB Wind	27.50	4.93%
SPP Solar	3.21	0.58%
SPP Solid Waste	3.06	0.55%
Mini Hydro	28.03	5.03%
Total	557.25	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,824.2	26.63%
CEB Thermal Oil	859.4	12.54%
CEB Coal	2,817.6	41.13%
IPP Thermal	810.9	11.84%
SPP Wind	126.6	1.85%
CEB Wind	144.2	2.11%
SPP Solar	42.3	0.62%
SPP Solid Waste	34.4	0.50%
Mini Hydro	191.7	2.80%
Total	6,851.0	

CEB owned Thermal Plant Dispatch

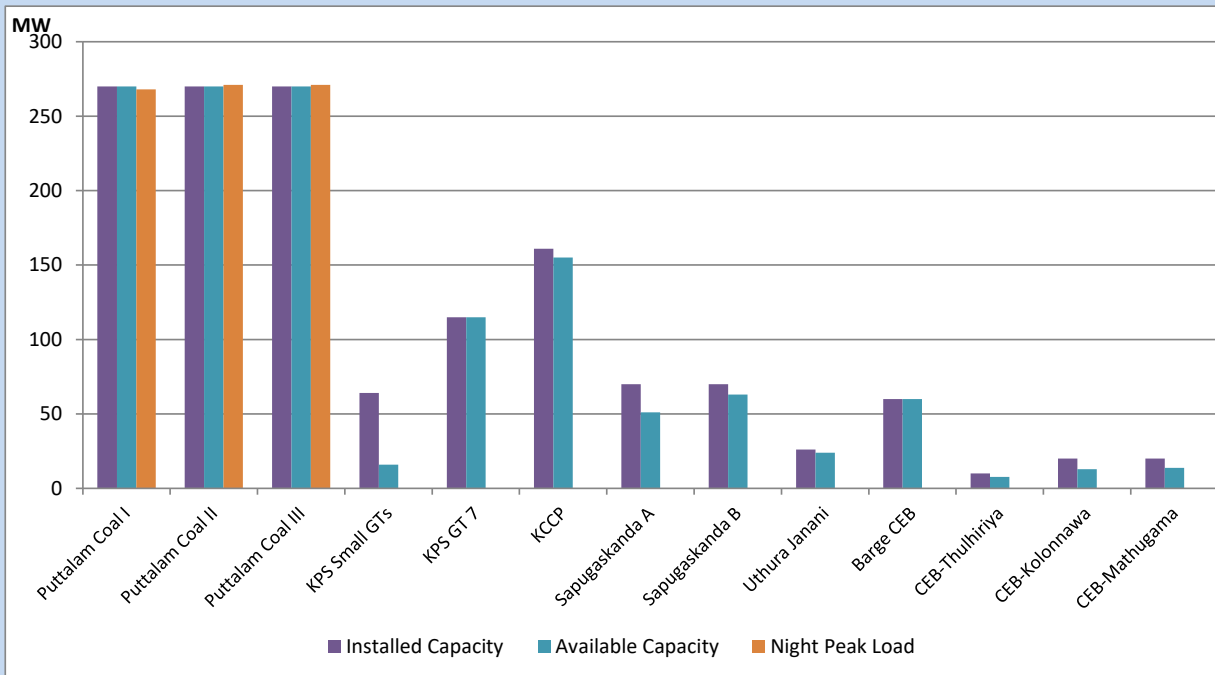
June 14, 2022



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

June 15, 2022

CEB owned Thermal Plant Loading at the Night Peak



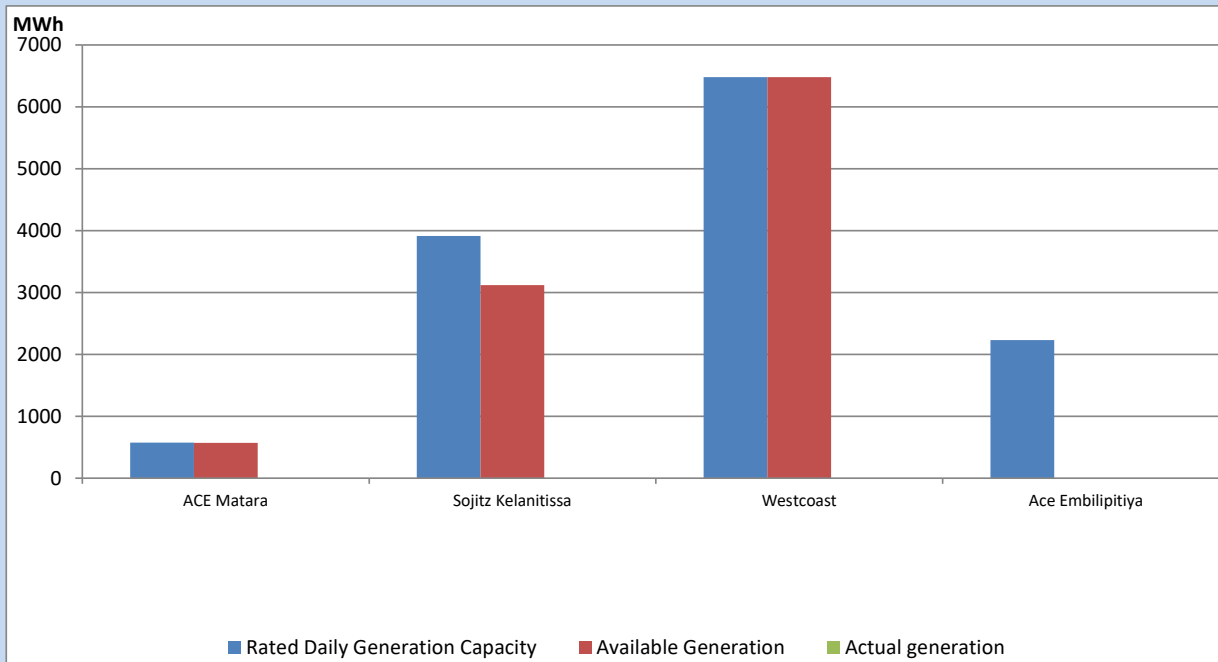
Note- Plant availability is recorded at 6.00 am on

June 15, 2022

IPP owned Thermal Plant Dispatch

June 14, 2022

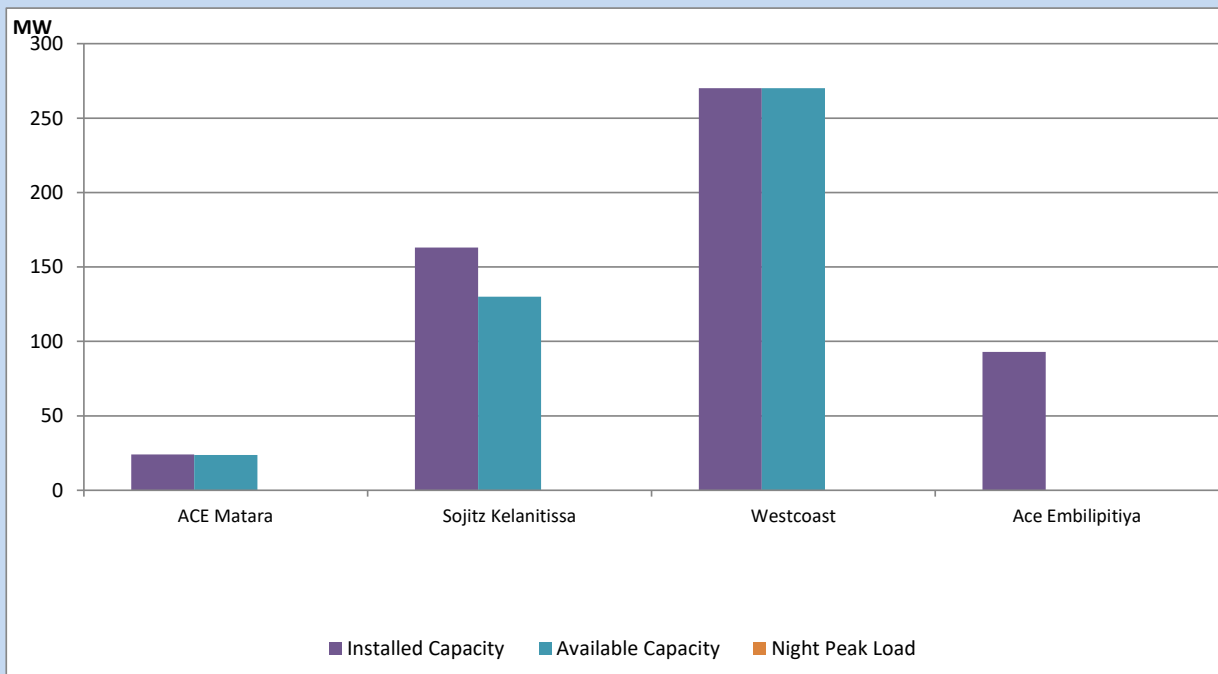
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 15, 2022

IPP owned Thermal Plant Loading at the Night Peak

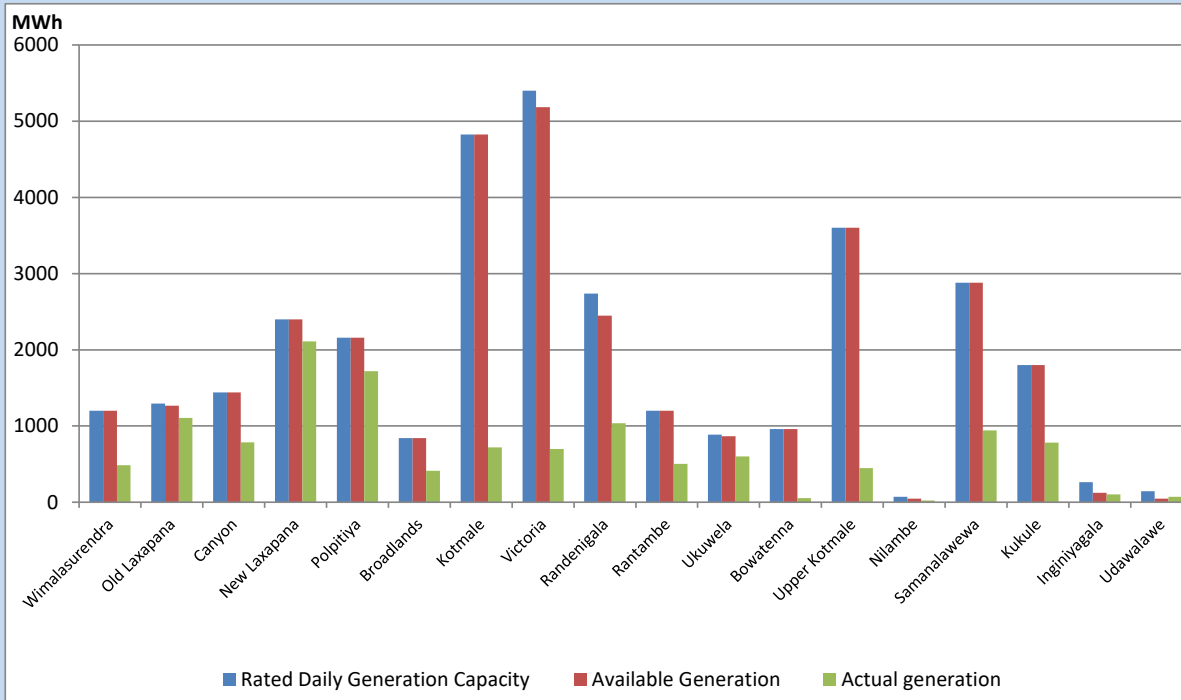


Note- Plant availability is recorded at 6.00 am on

June 15, 2022

Major Hydro Plant Dispatch

June 14, 2022

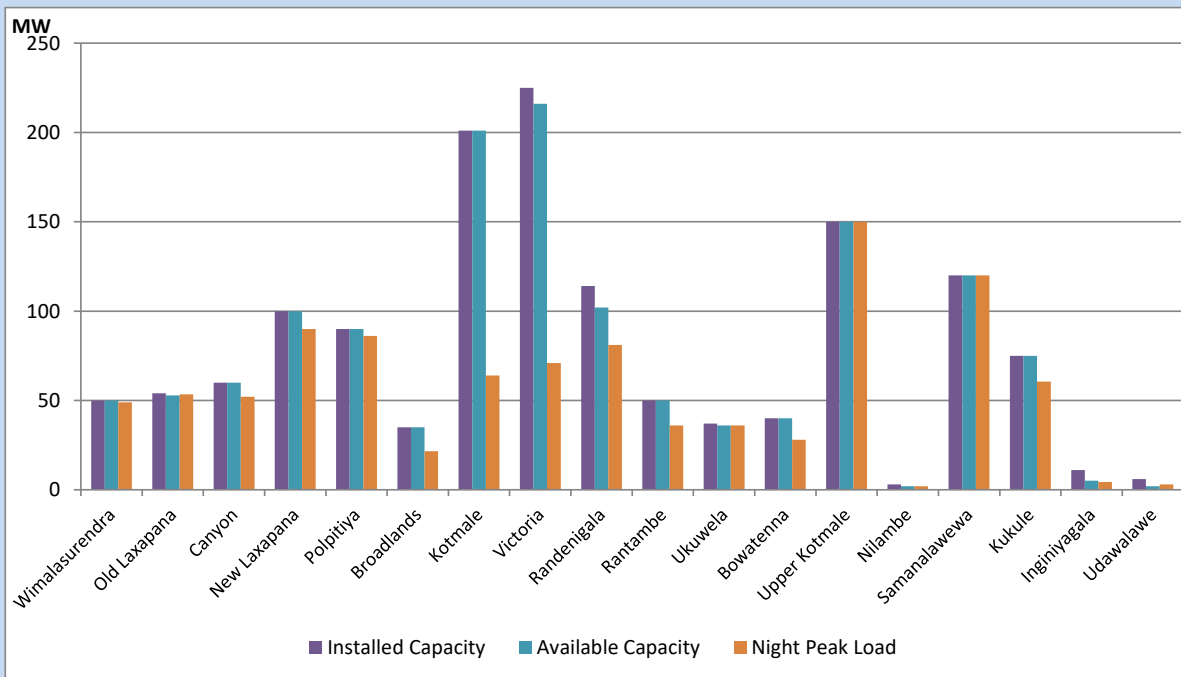


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

June 15, 2022

Major Hydro Plant Loading at Night Peak

June 14, 2022



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

June 15, 2022

Summary of Major Plant performance

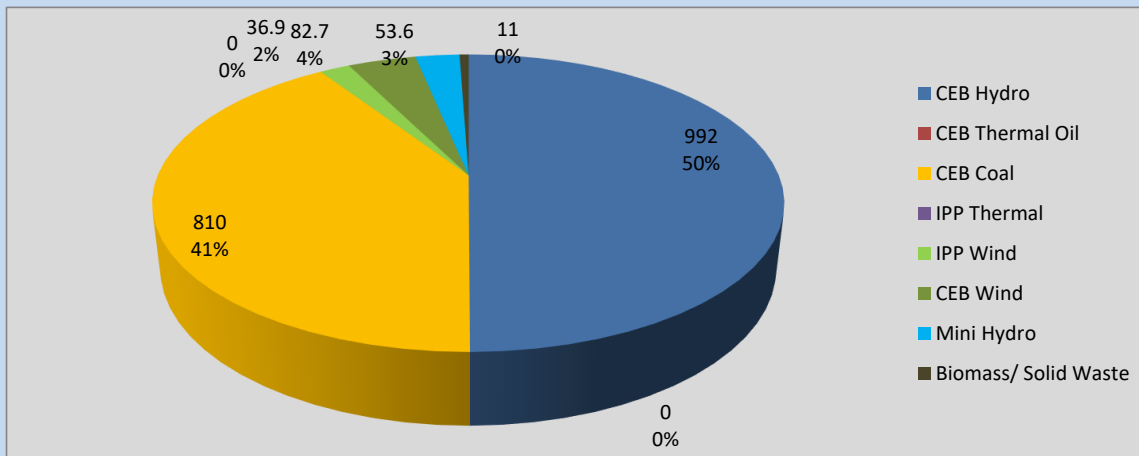
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	49	486
Old Laxapana	54	53	53	1,105
Canyon	60	60	52	784
New Laxapana	100	100	90	2,111
Polpitiya	90	90	86	1,720
Broadlands	35	35	22	413
Kotmale	201	201	64	720
Victoria	225	216	71	697
Randenigala	114	102	81	1,035
Rantambe	50	50	36	504
Ukuwela	37	36	36	600
Bowatenna	40	40	28	53
Upper Kotmale	150	150	150	447
Nilambe	3	2	2	22
Samanalawewa	120	120	120	942
Kukule	75	75	61	782
Inginiyagala	11	5	4	103
Udawalawe	6	2	3	70
Puttalam Coal I	270	270	268	6,215
Puttalam Coal II	270	270	271	6,113
Puttalam Coal III	270	270	271	6,158
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	0	0
Sapugaskanda A	70	51	0	0
Sapugaskanda B	70	63	0	0
Uthura Janani	26	24	0	0
Barge CEB	60	60	0	0
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	14	0	0
ACE Matara	24	24	0	0
Sojitz Kelanitissa	163	130	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	3,139	2,002	35,686

Plant availability is the availability recorded at 6 am on

June 15, 2022

Contribution to the Night Peak in MW

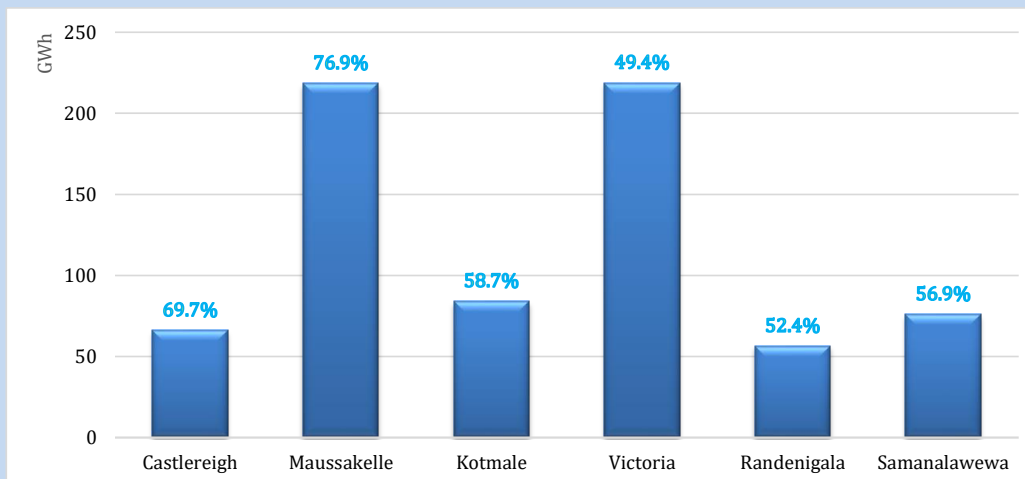
June 14, 2022



Night Peak*	1,986.2 MW
Day Peak	1,396.8 MW
Minimum Demand	1,303.4 MW

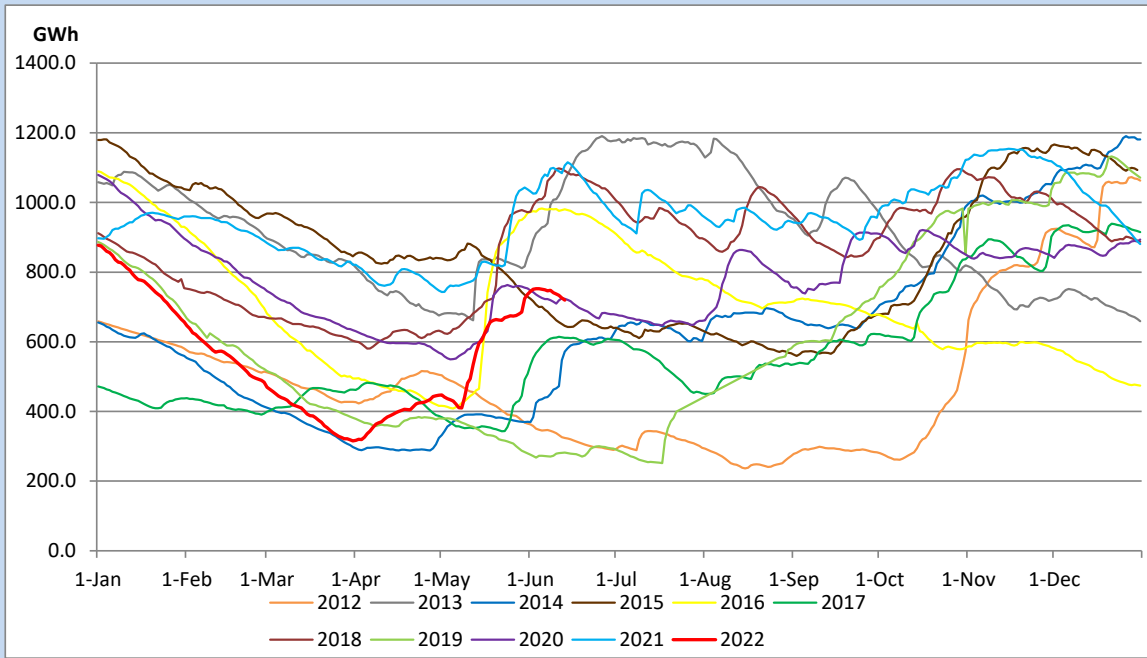
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on June 15, 2022

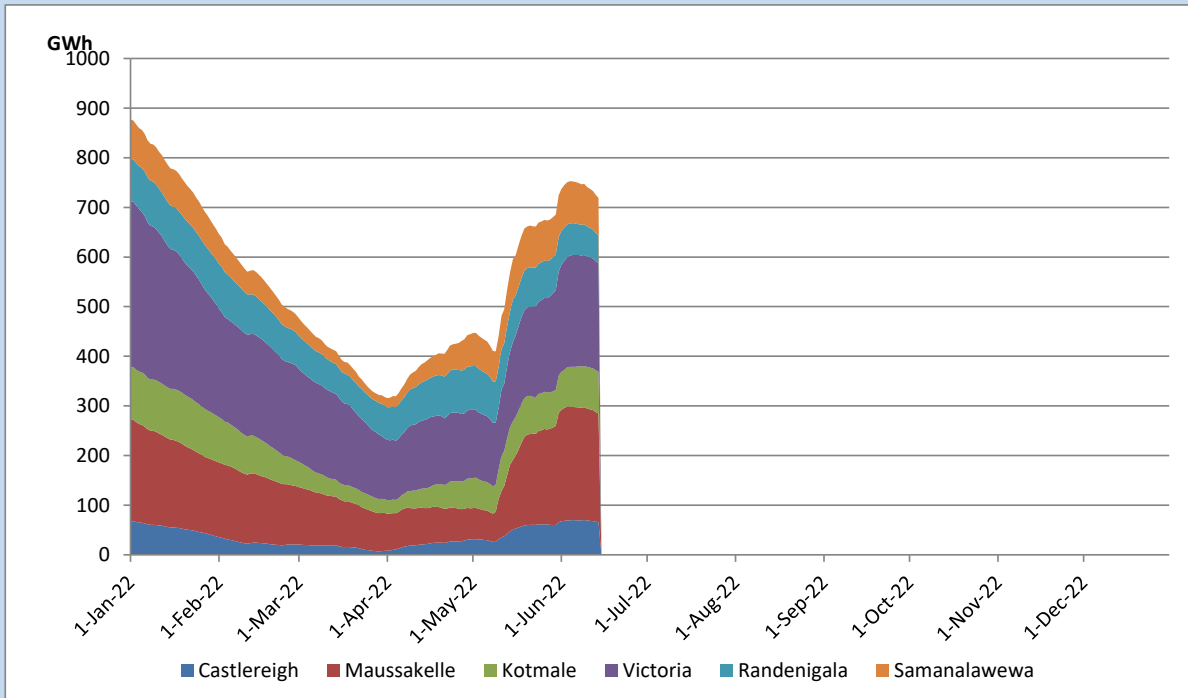


Total Reservoir Level	719.3 GWh
% of Total capacity	59.7%

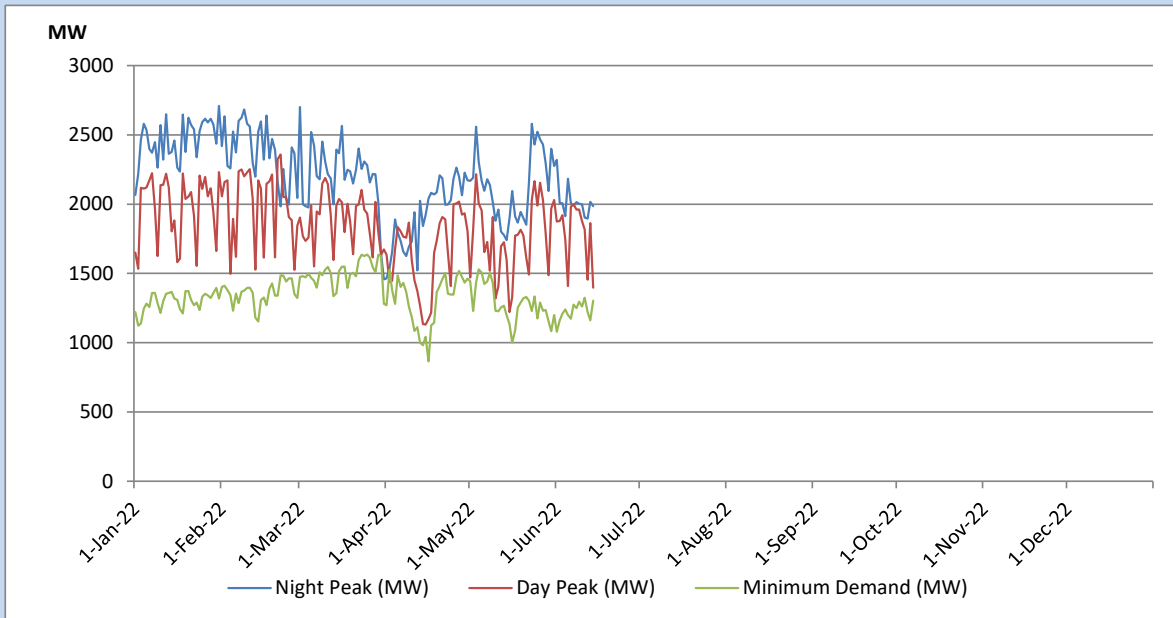
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

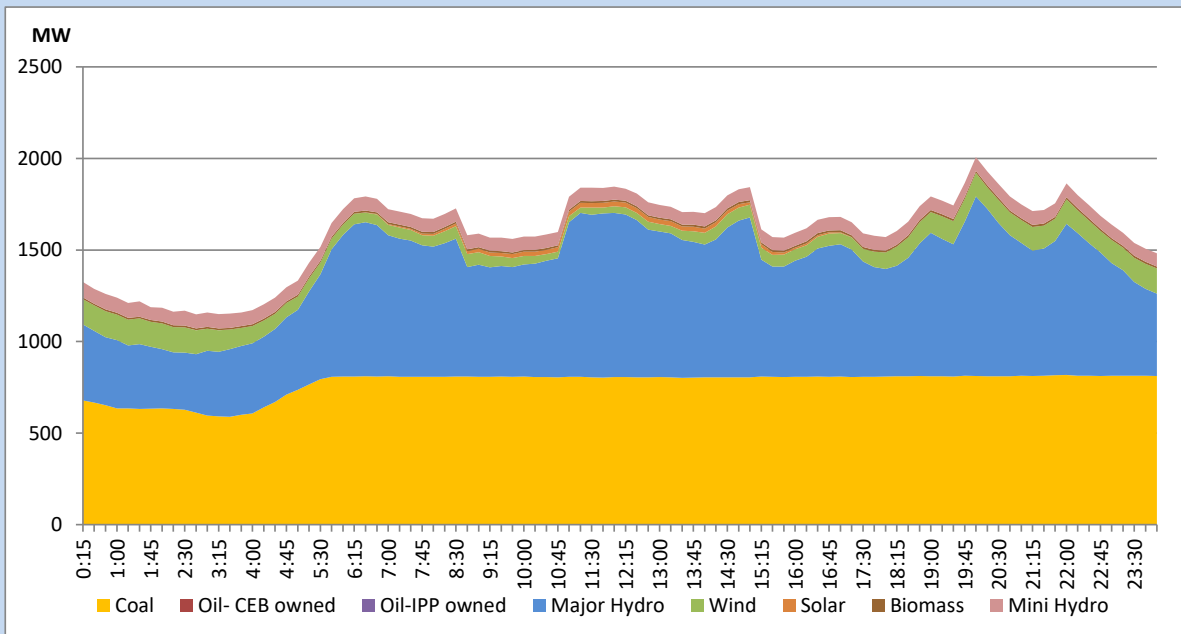


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

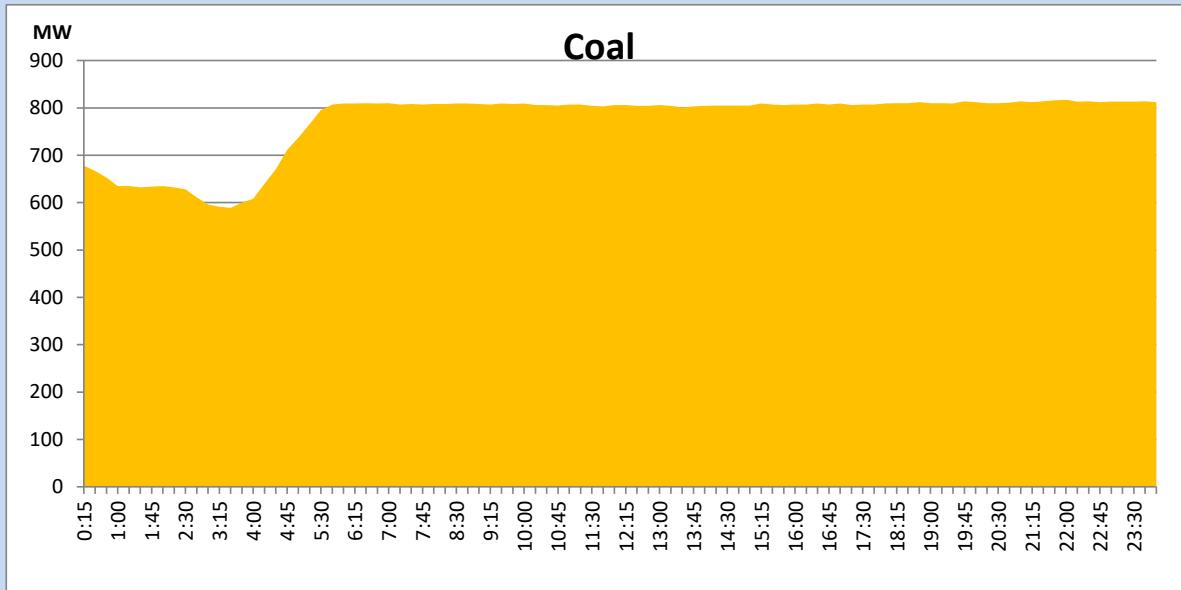
June 13, 2022

Solar and wind data is based on Telemetered Power Stations only



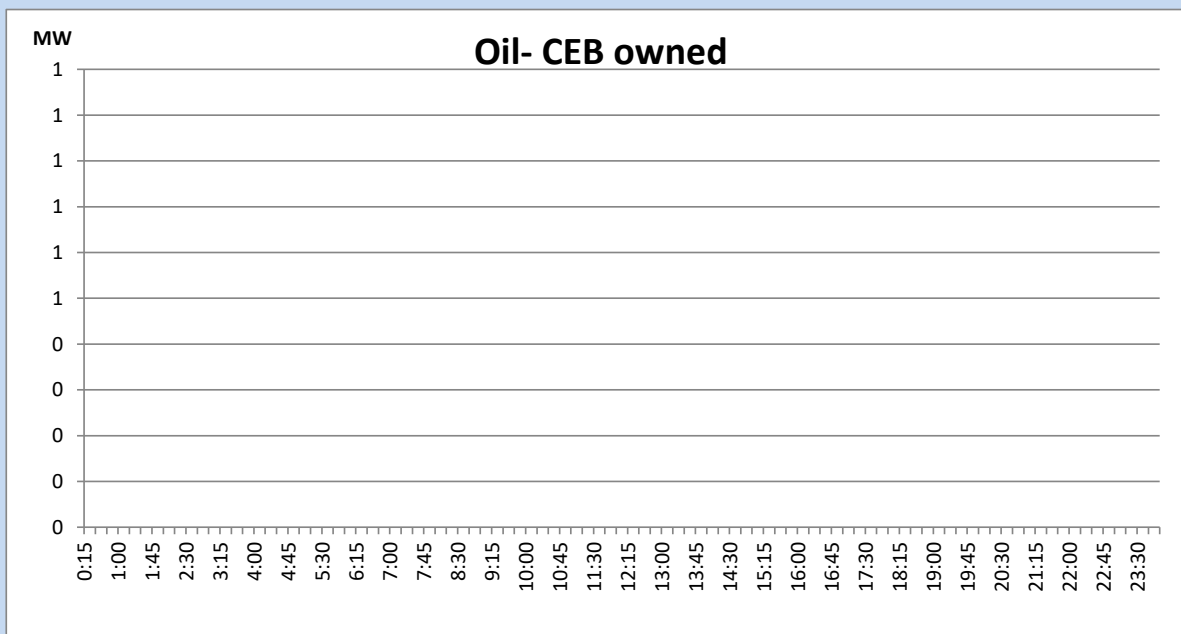
Coal Generation during the Previous day

June 13, 2022



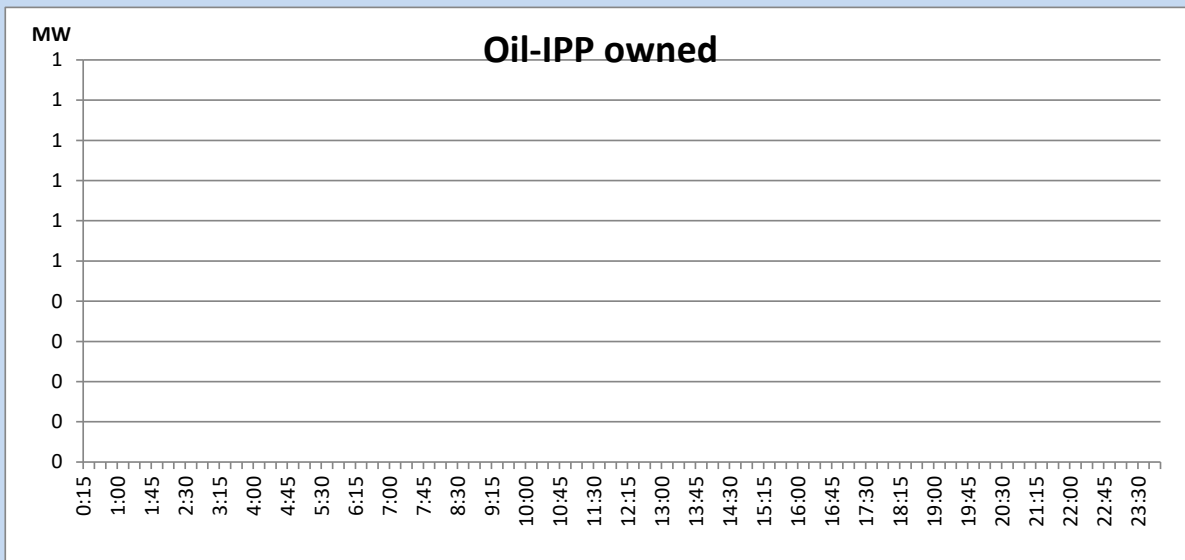
CEB Oil Plant Generation during the Previous day

June 13, 2022



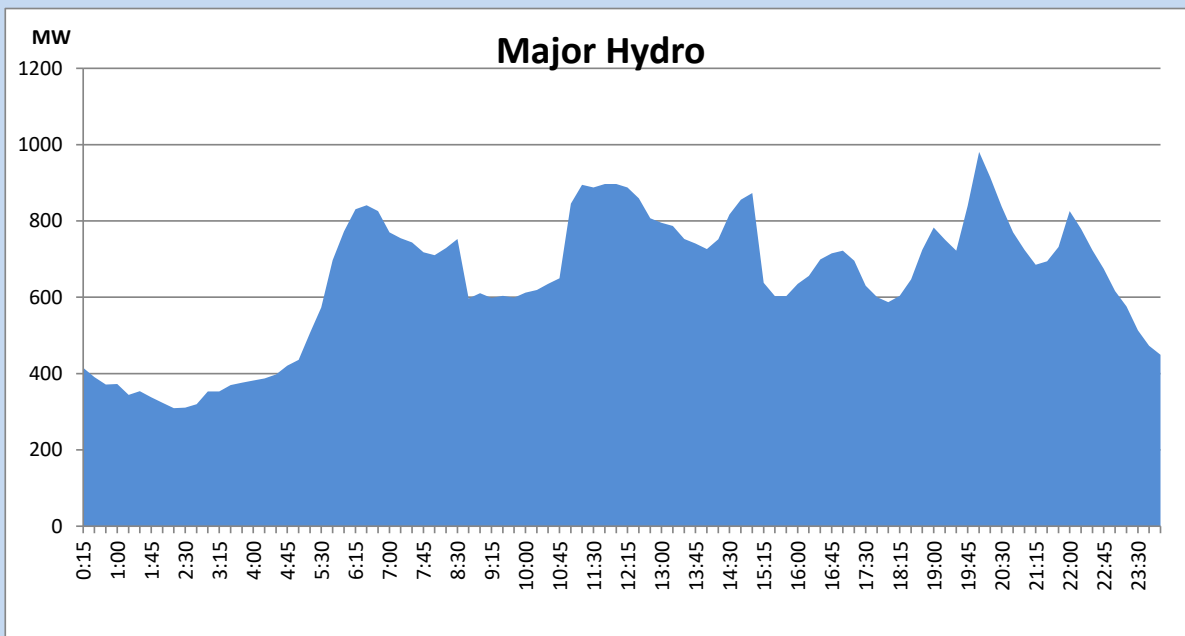
IPP Oil Plant Generation during the Previous day

June 13, 2022



Major Hydro Generation during the Previous day

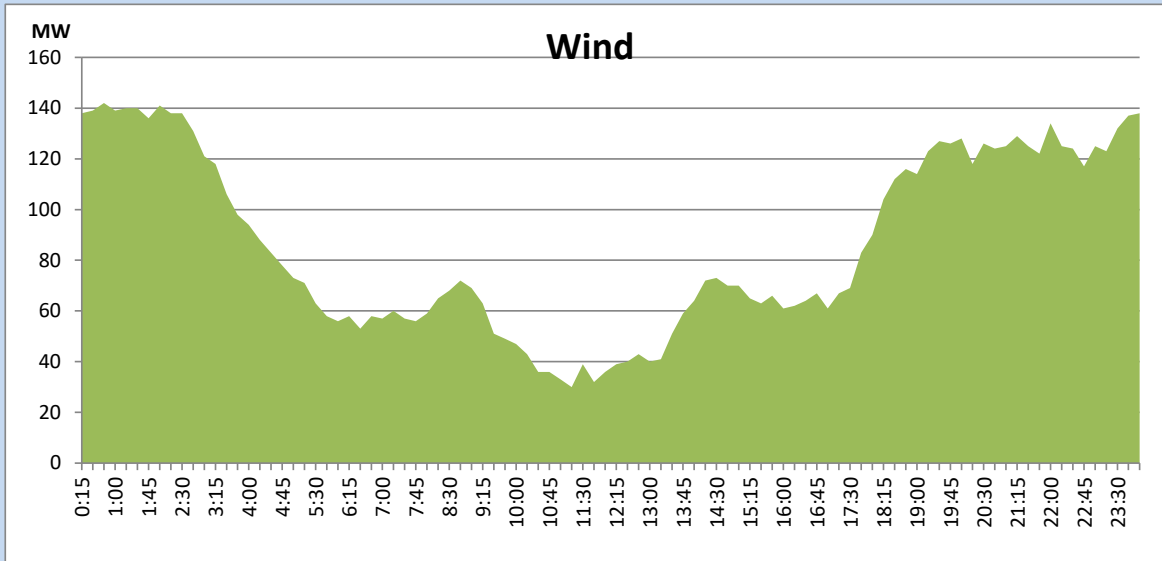
June 13, 2022



Wind Generation during the Previous day

June 13, 2022

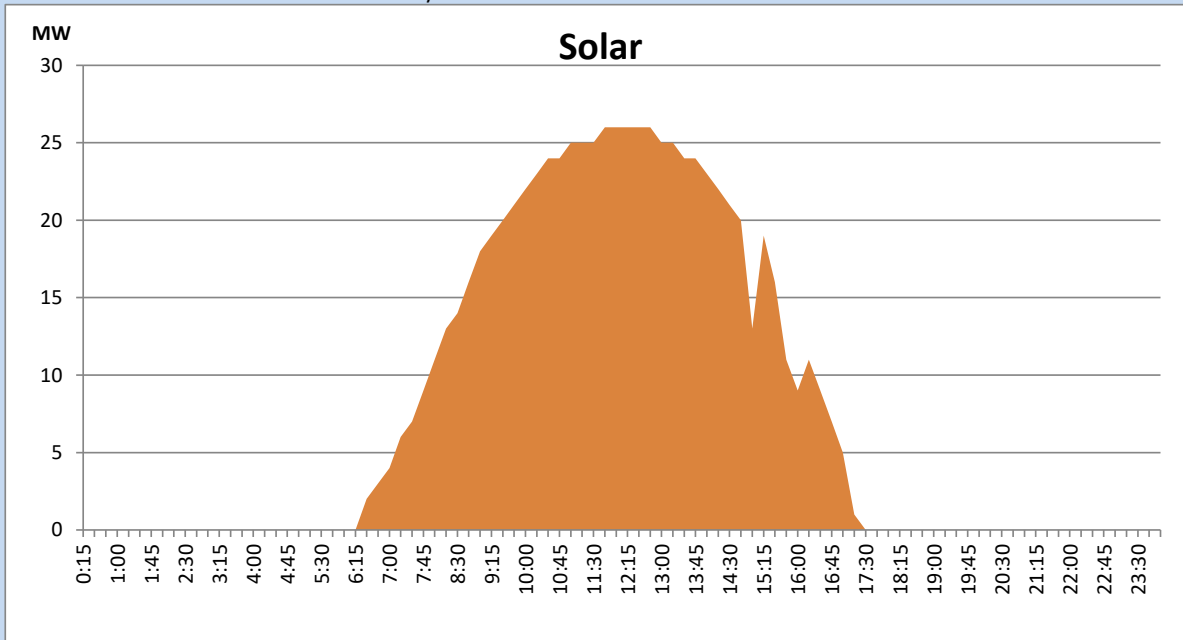
Based on Telemetered Power Stations only



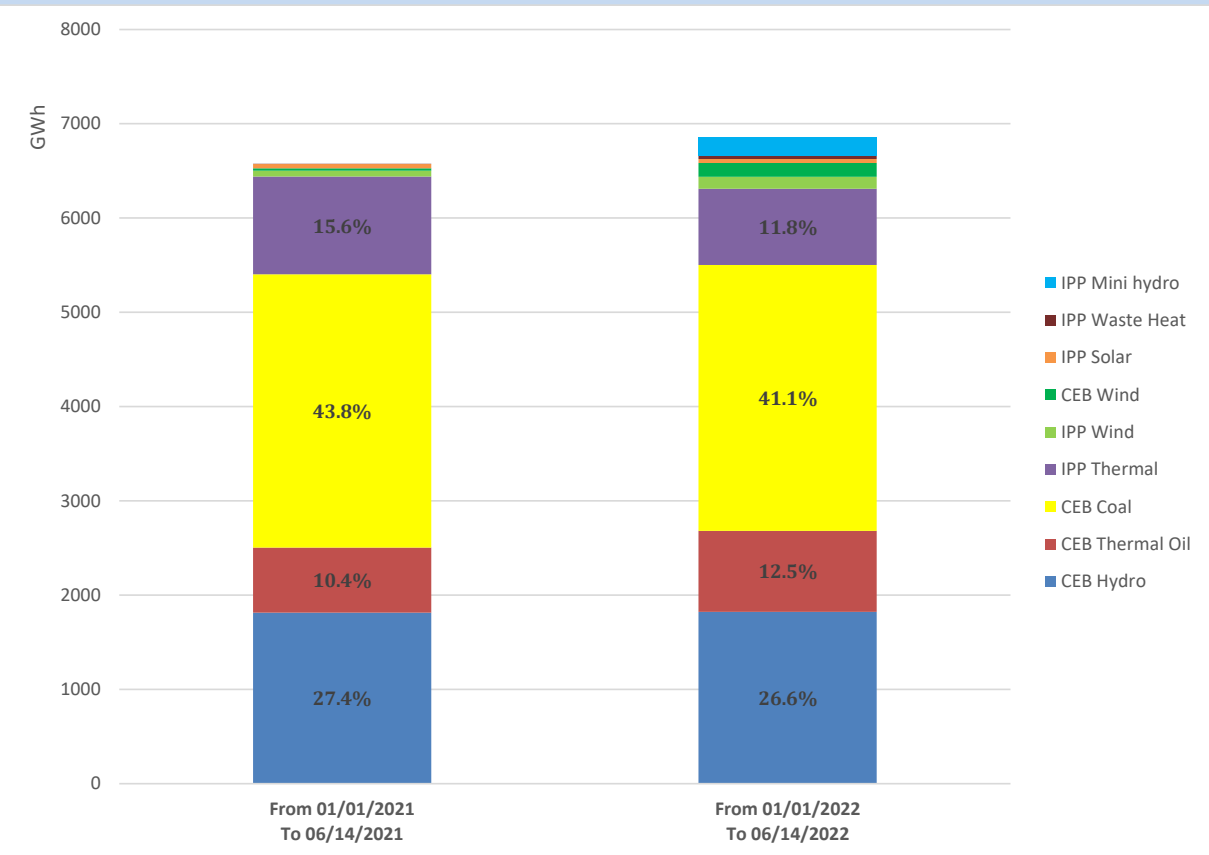
Solar Generation during the Previous day

June 13, 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

June 15, 2022

1) Nil