

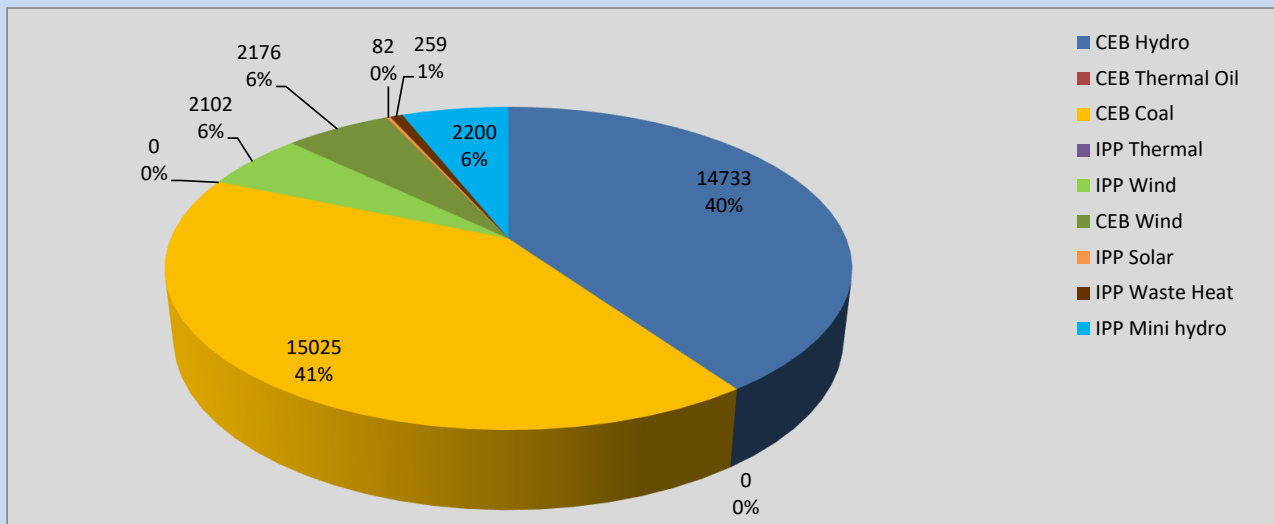
Generation and Reservoirs Statistics

June 5, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **36,577 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

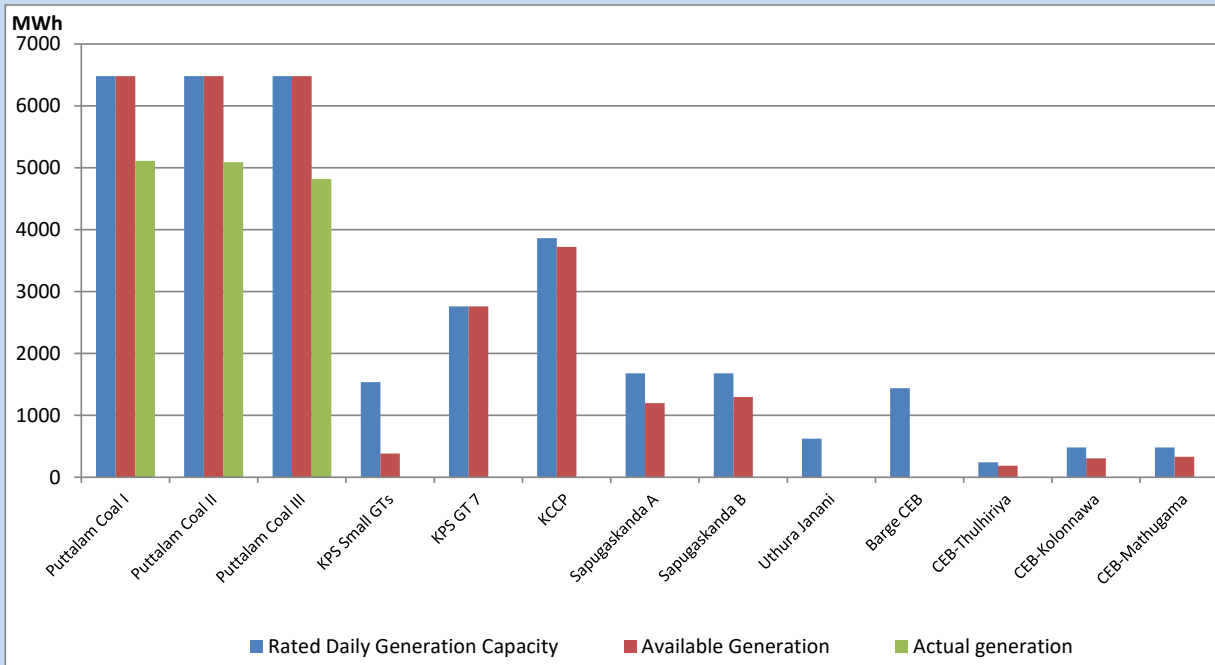
Category	Dispatch (GWh)	Percentage
CEB Hydro	80.23	40.62%
CEB Thermal Oil	0.26	0.13%
CEB Coal	84.57	42.82%
IPP Thermal	0.00	0.00%
SPP Wind	9.60	4.86%
CEB Wind	9.66	4.89%
SPP Solar	1.00	0.51%
SPP Solid Waste	0.80	0.41%
Mini Hydro	11.39	5.77%
Total	197.51	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,689.3	26.02%
CEB Thermal Oil	858.7	13.23%
CEB Coal	2,650.8	40.84%
IPP Thermal	808.5	12.46%
SPP Wind	110.5	1.70%
CEB Wind	126.4	1.95%
SPP Solar	40.0	0.62%
SPP Solid Waste	32.1	0.49%
Mini Hydro	175.1	2.70%
Total	6,491.3	

CEB owned Thermal Plant Dispatch

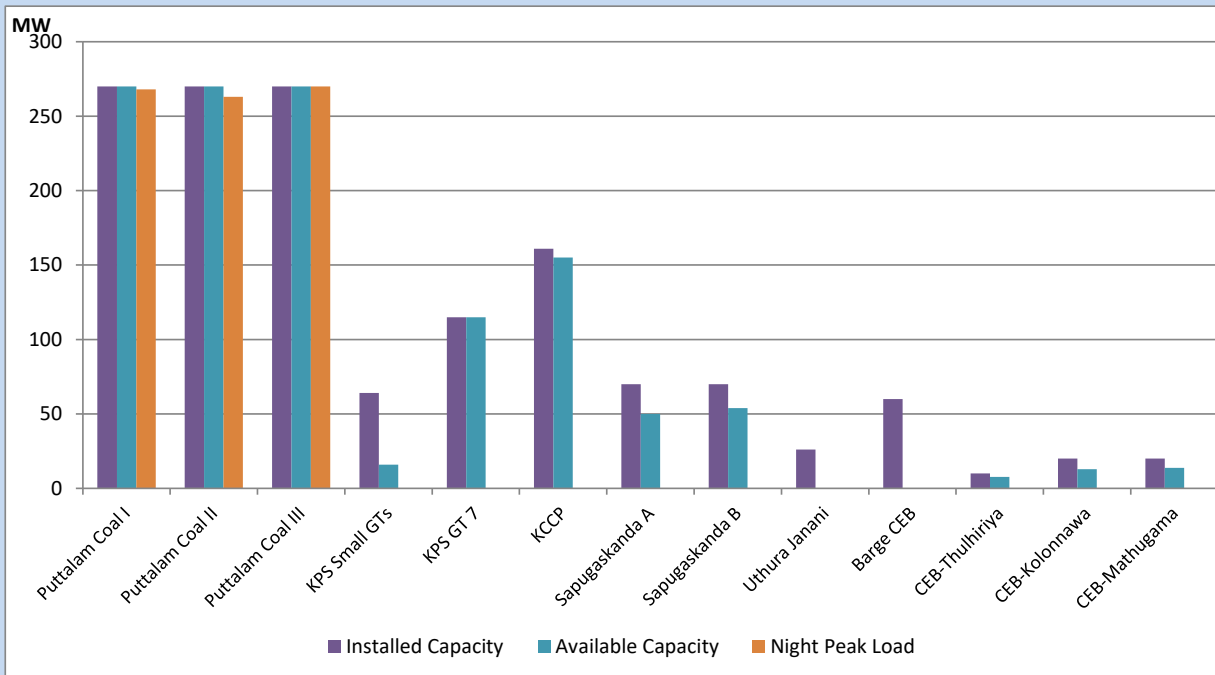
June 5, 2022



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

June 6, 2022

CEB owned Thermal Plant Loading at the Night Peak



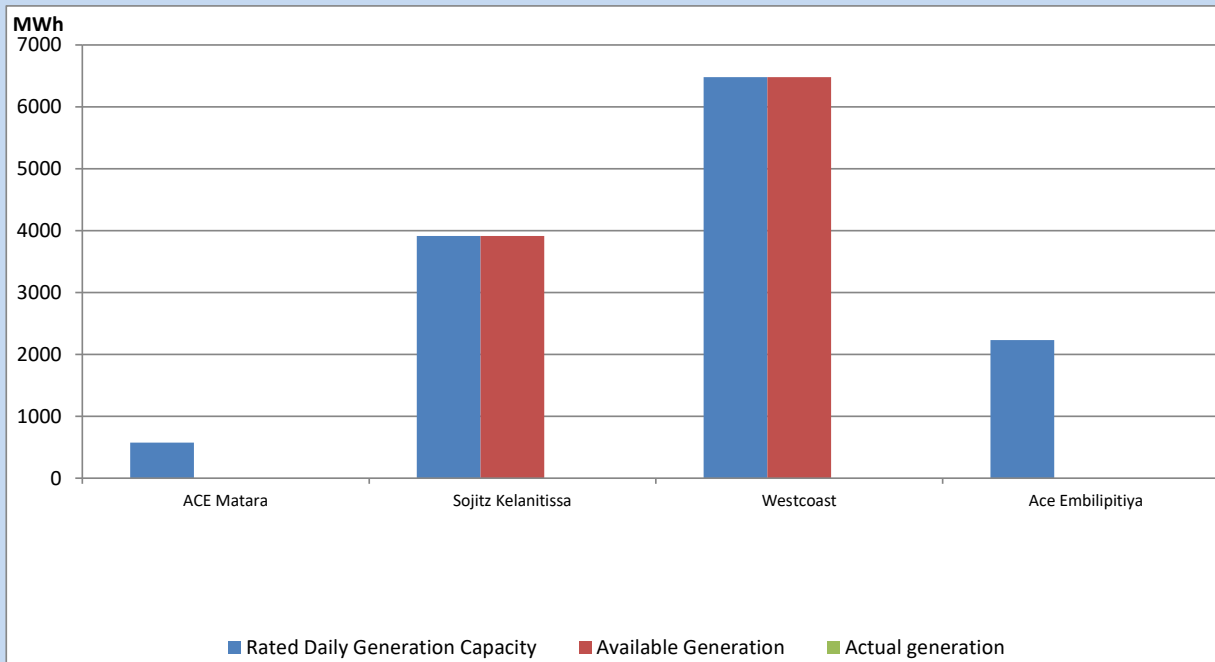
Note- Plant availability is recorded at 6.00 am on

June 6, 2022

IPP owned Thermal Plant Dispatch

June 5, 2022

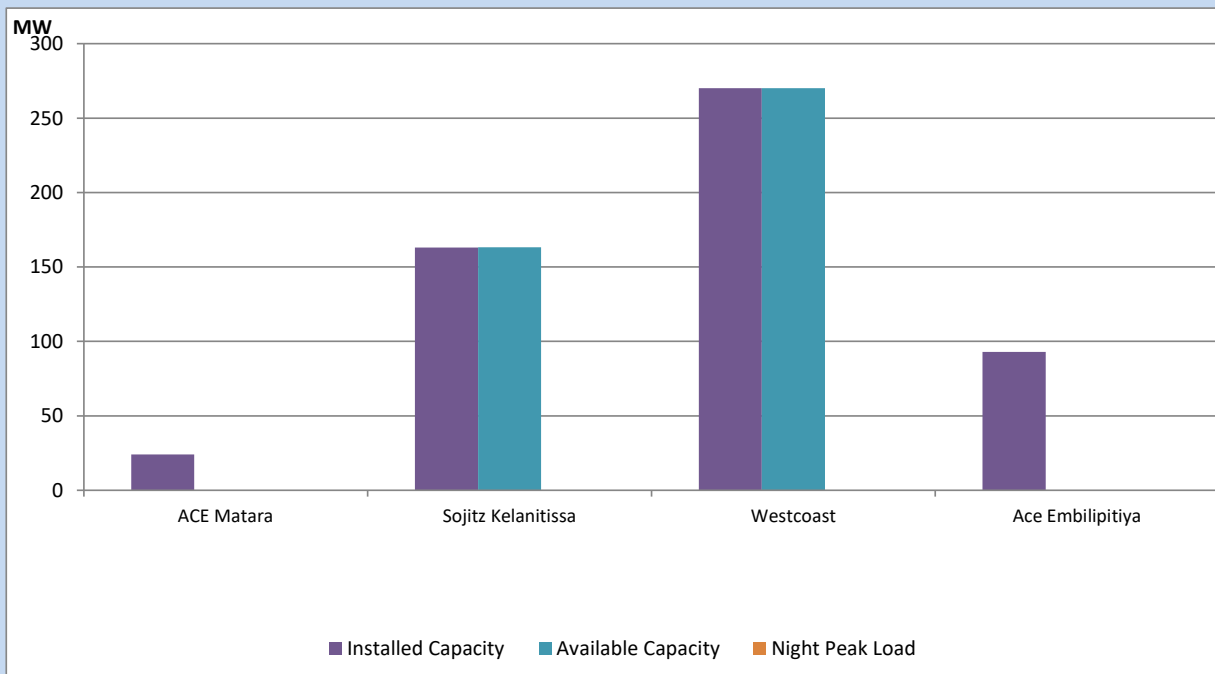
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 6, 2022

IPP owned Thermal Plant Loading at the Night Peak

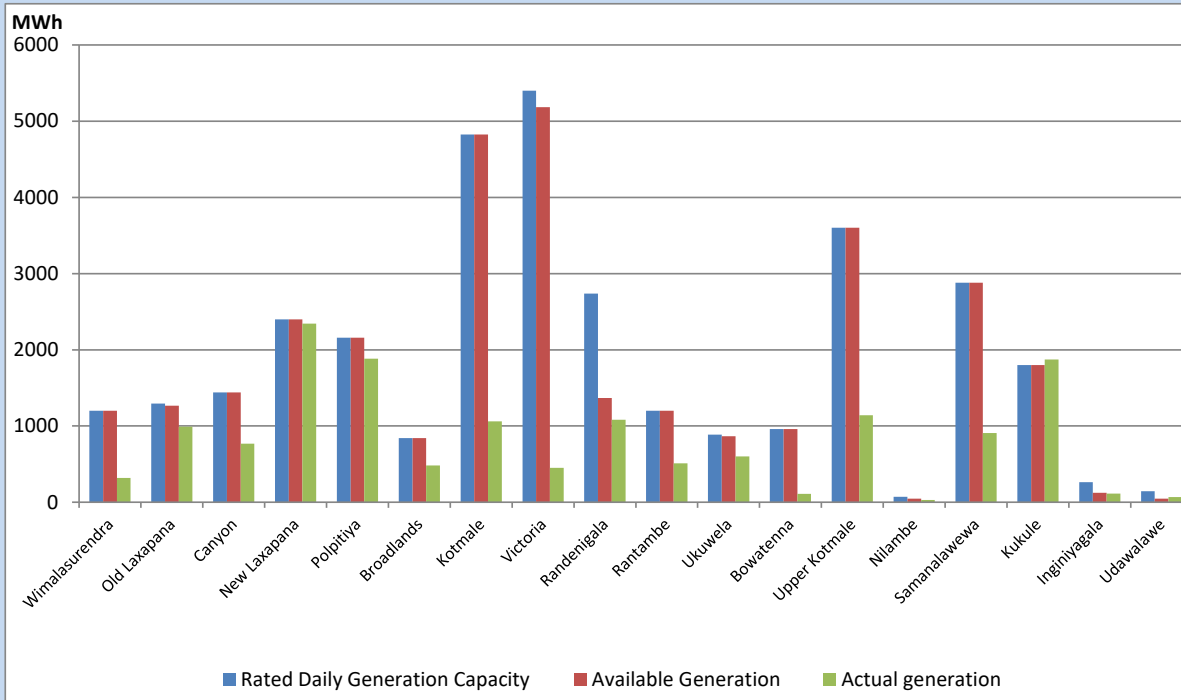


Note- Plant availability is recorded at 6.00 am on

June 6, 2022

Major Hydro Plant Dispatch

June 5, 2022

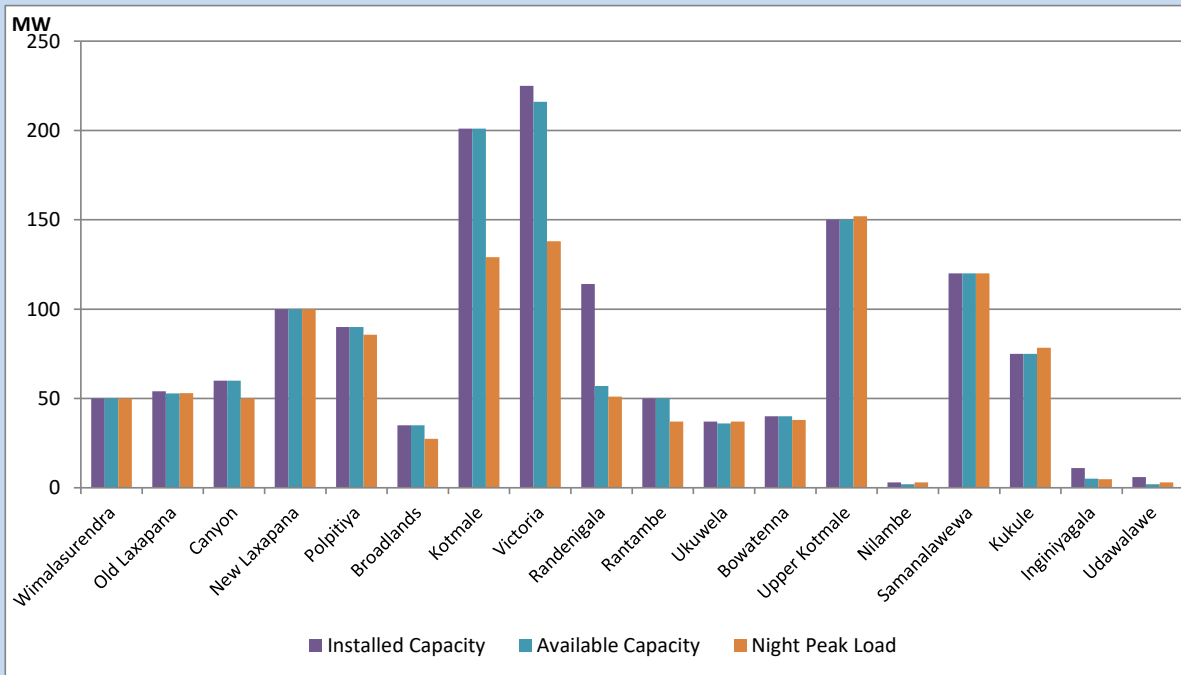


Available Generation is estimated based on plant availability at 6.00am on June 6, 2022
 Broadlands power plant is operating in the Commissioning Stage

June 6, 2022

Major Hydro Plant Loading at Night Peak

June 5, 2022



Note- Plant availability is recorded at 6.00 am on June 6, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

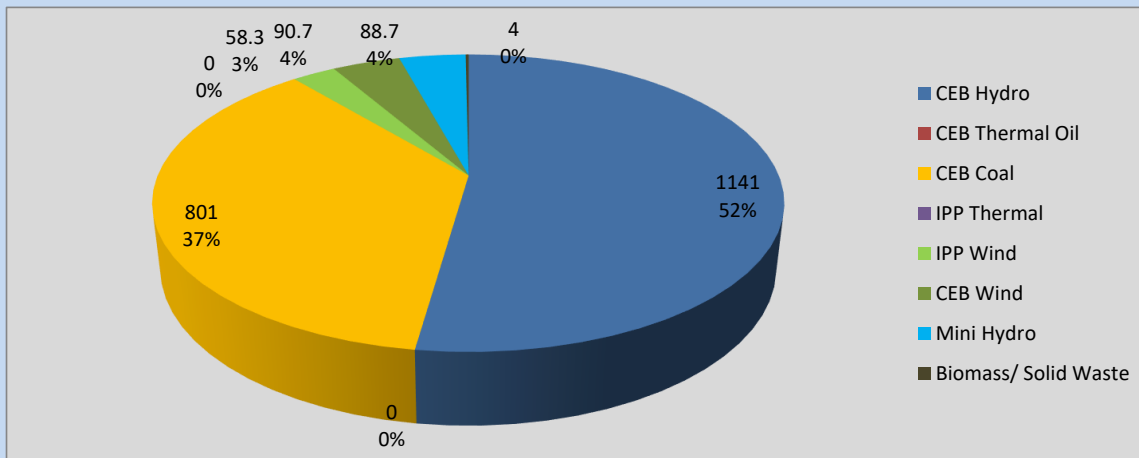
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	50	317
Old Laxapana	54	53	53	990
Canyon	60	60	50	769
New Laxapana	100	100	100	2,343
Polpitiya	90	90	86	1,882
Broadlands	35	35	27	484
Kotmale	201	201	129	1,060
Victoria	225	216	138	452
Randenigala	114	57	51	1,082
Rantambe	50	50	37	511
Ukuwela	37	36	37	602
Bowatenna	40	40	38	108
Upper Kotmale	150	150	152	1,140
Nilambe	3	2	3	29
Samanalawewa	120	120	120	909
Kukule	75	75	78	1,874
Inginiyagala	11	5	5	112
Udawalawe	6	2	3	69
Puttalam Coal I	270	270	268	5,113
Puttalam Coal II	270	270	263	5,092
Puttalam Coal III	270	270	270	4,820
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	0	0
Sapugaskanda A	70	50	0	0
Sapugaskanda B	70	54	0	0
Uthura Janani	26	0	0	0
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	14	0	0
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	163	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	3,009	2,200	36,577

Plant availability is the availability recorded at 6 am on

June 6, 2022

Contribution to the Night Peak in MW

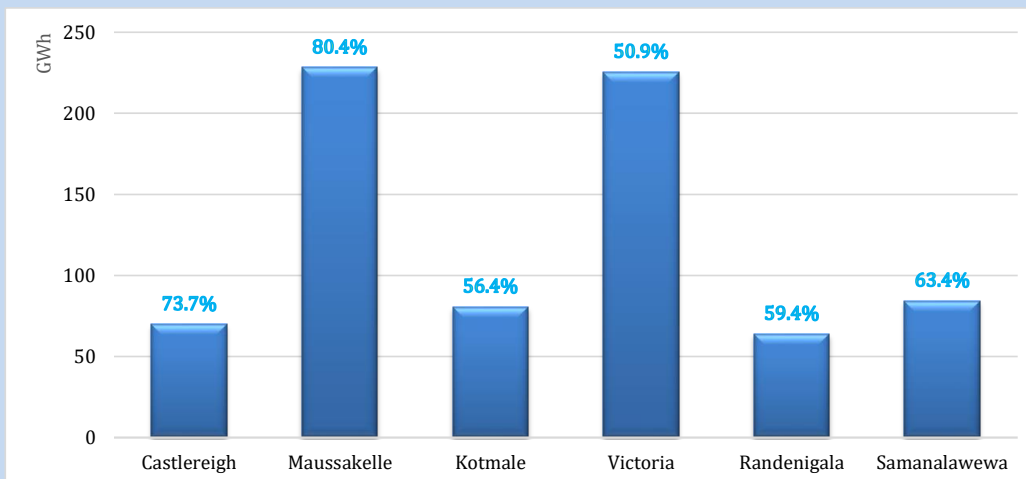
June 5, 2022



Night Peak*	2,183.9 MW
Day Peak	1,409.4 MW
Minimum Demand	1,198.9 MW

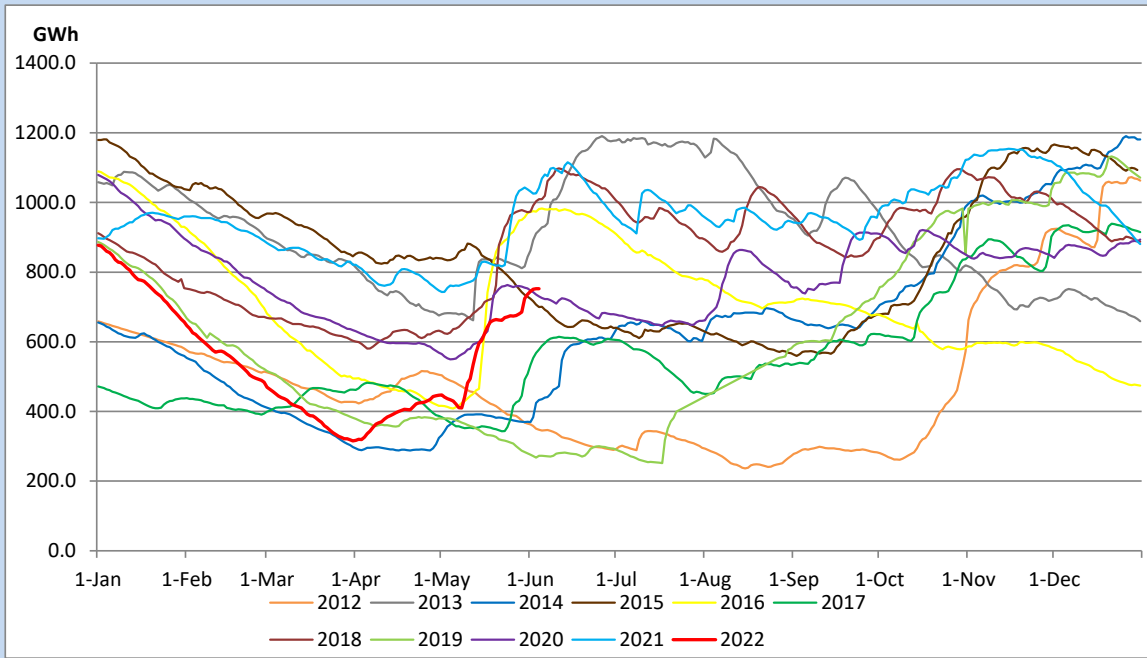
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on June 6, 2022

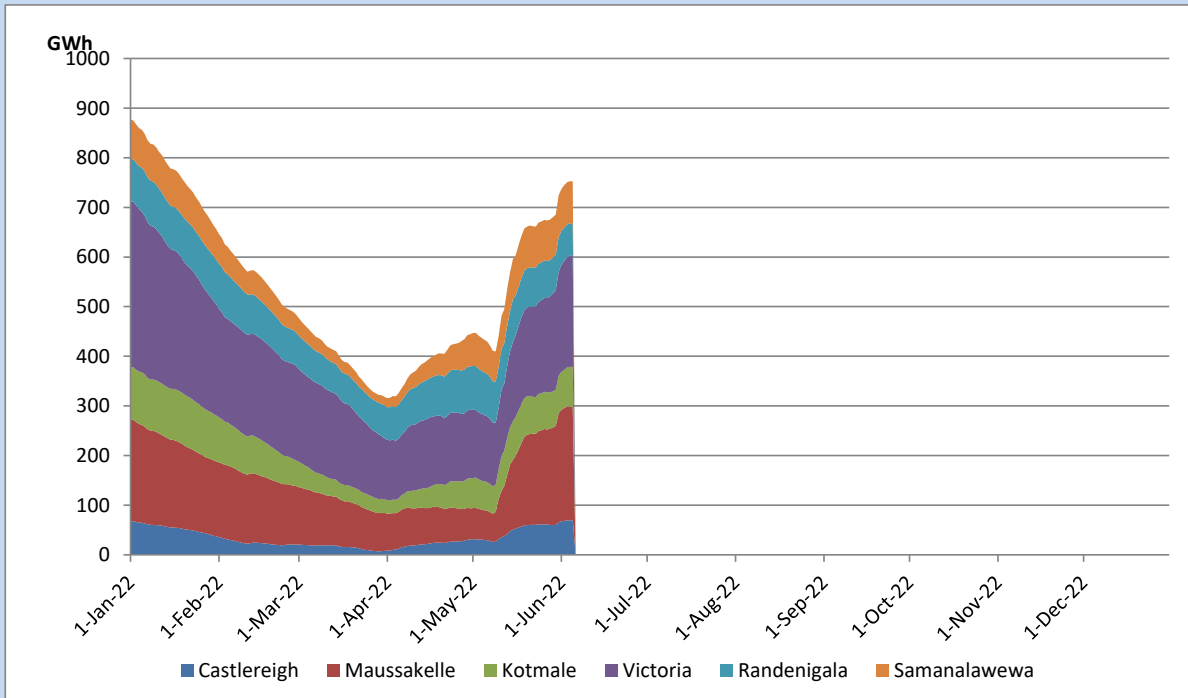


Total Reservoir Level	752.5 GWh
% of Total capacity	62.4%

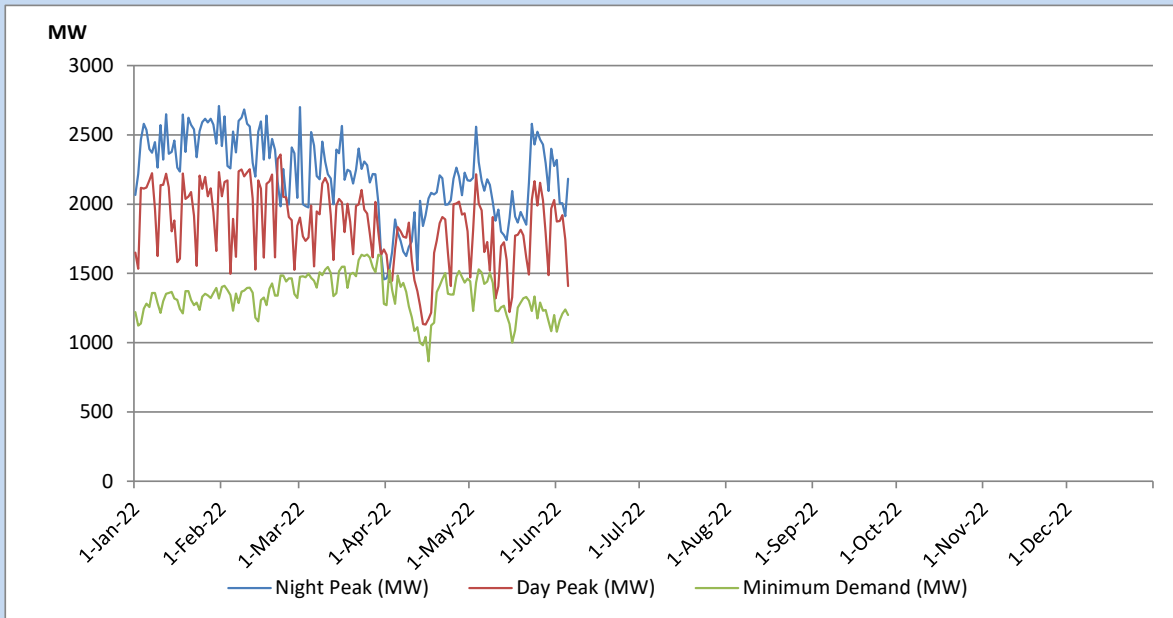
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

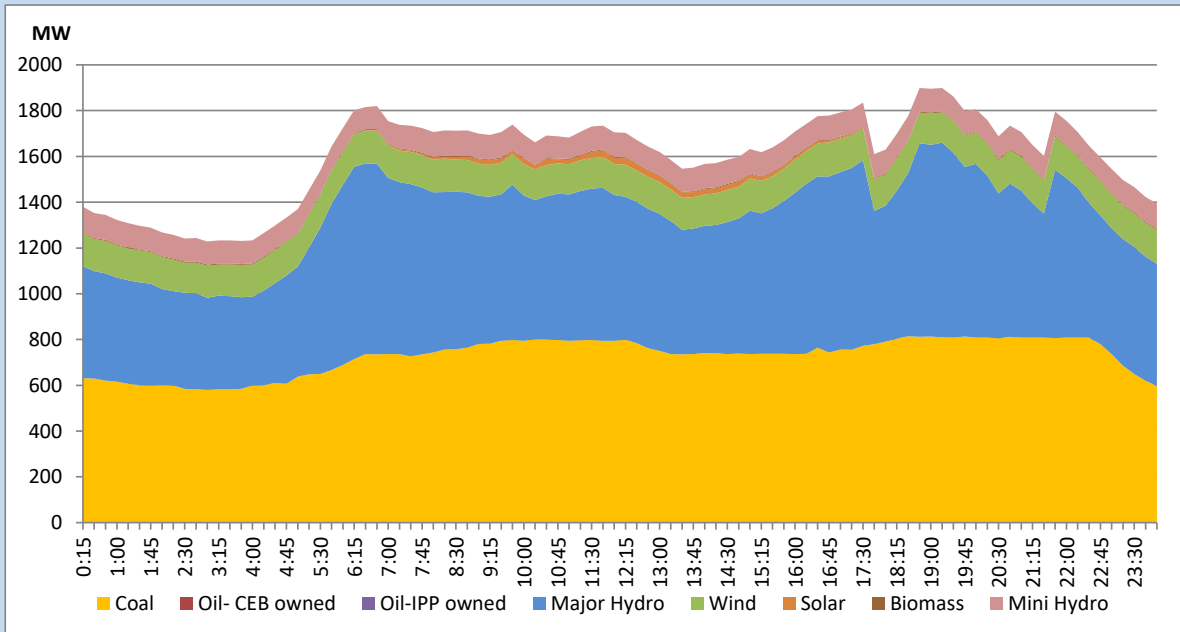


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

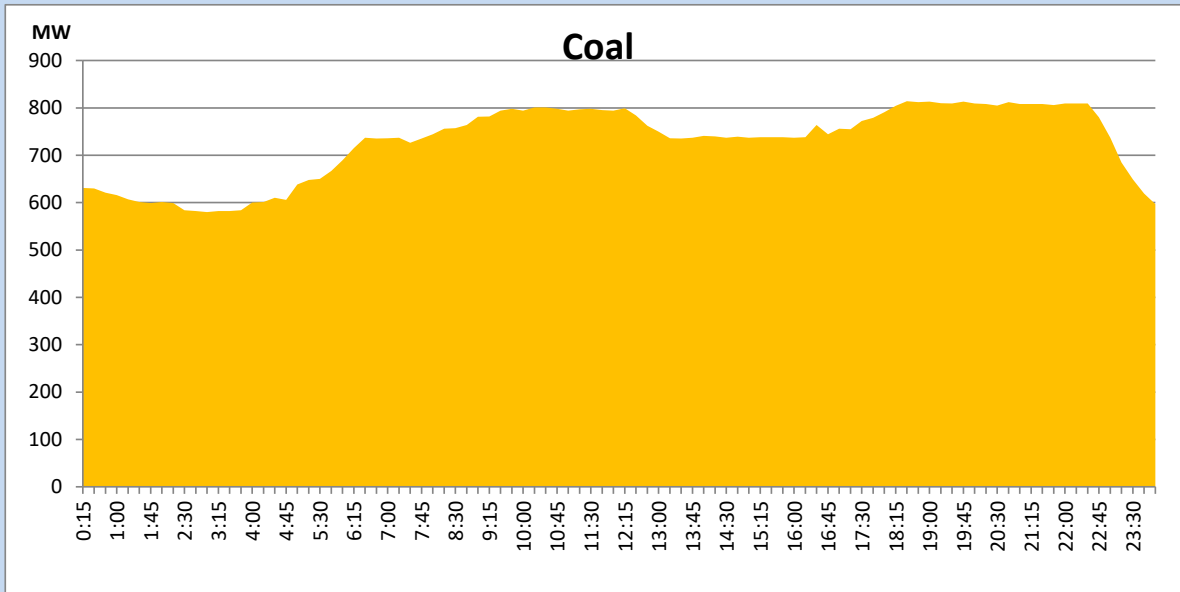
June 4, 2022

Solar and wind data is based on Telemetered Power Stations only



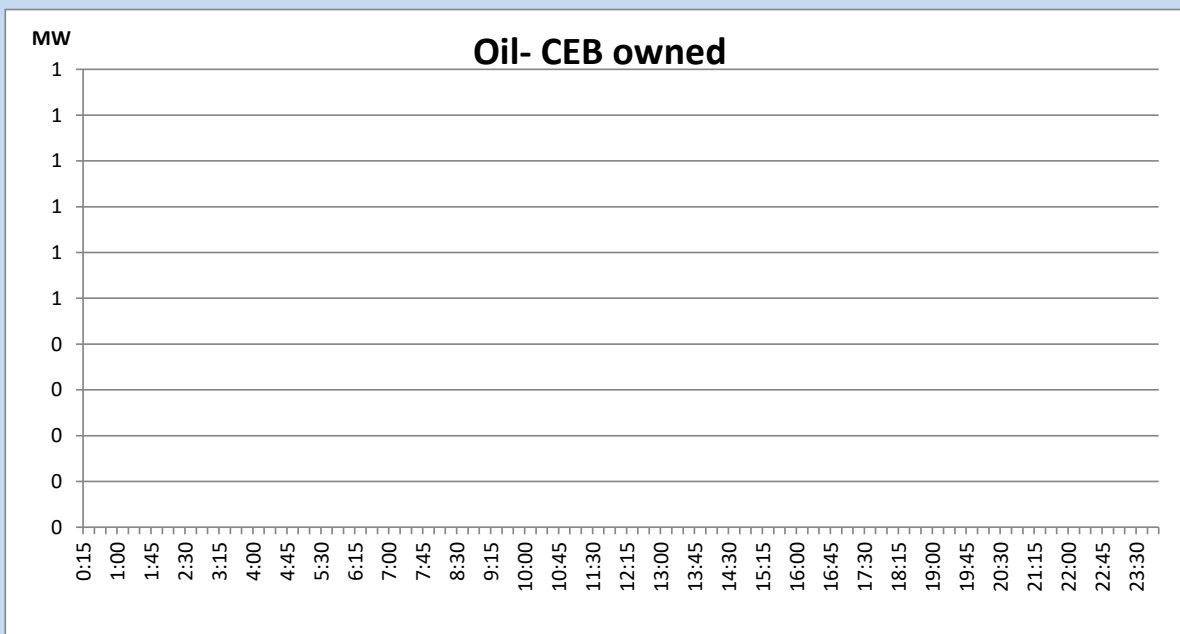
Coal Generation during the Previous day

June 4, 2022



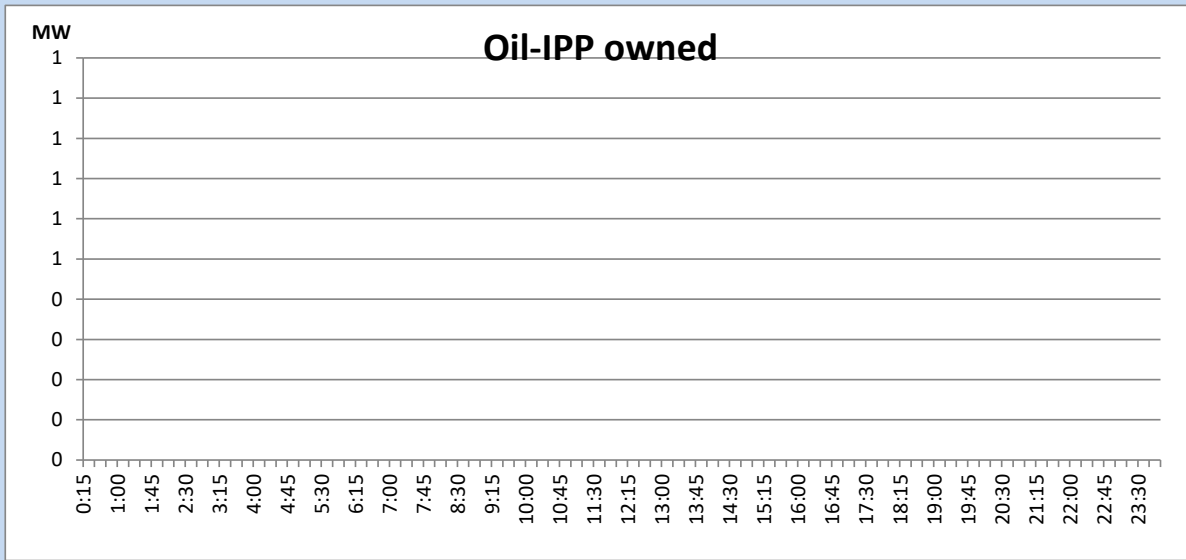
CEB Oil Plant Generation during the Previous day

June 4, 2022



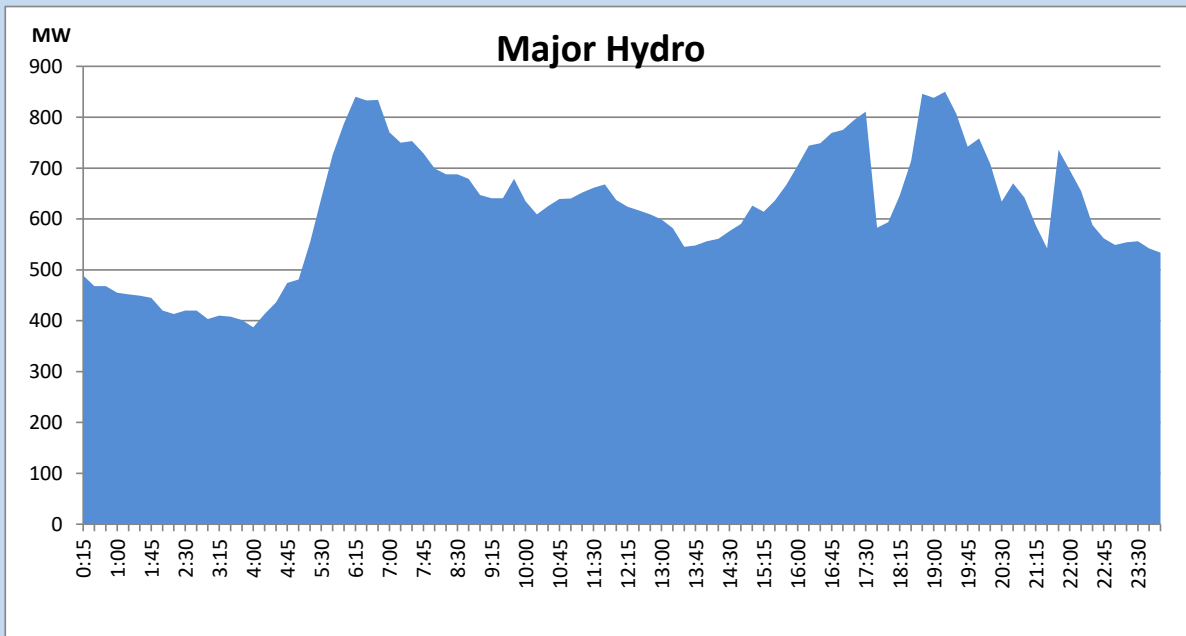
IPP Oil Plant Generation during the Previous day

June 4, 2022



Major Hydro Generation during the Previous day

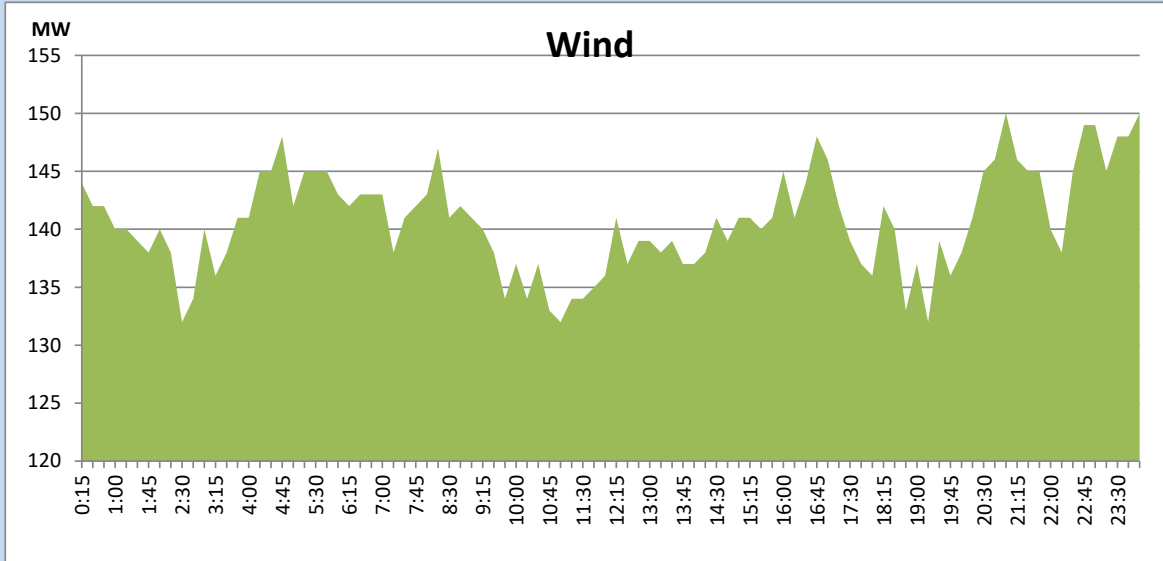
June 4, 2022



Wind Generation during the Previous day

June 4, 2022

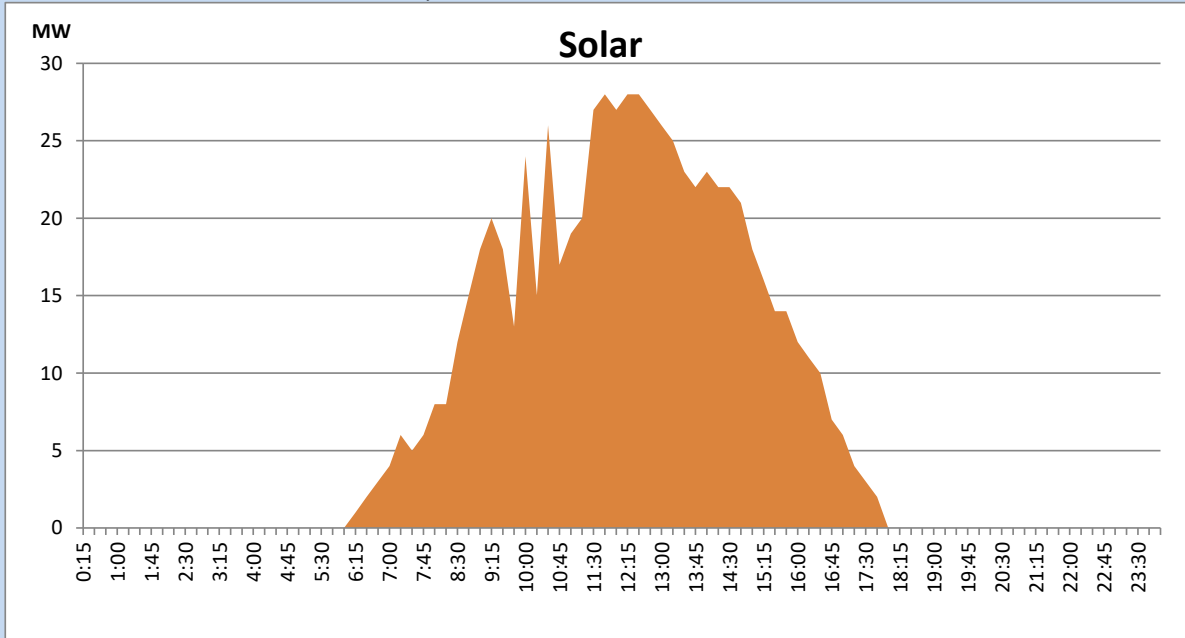
Based on Telemetered Power Stations only



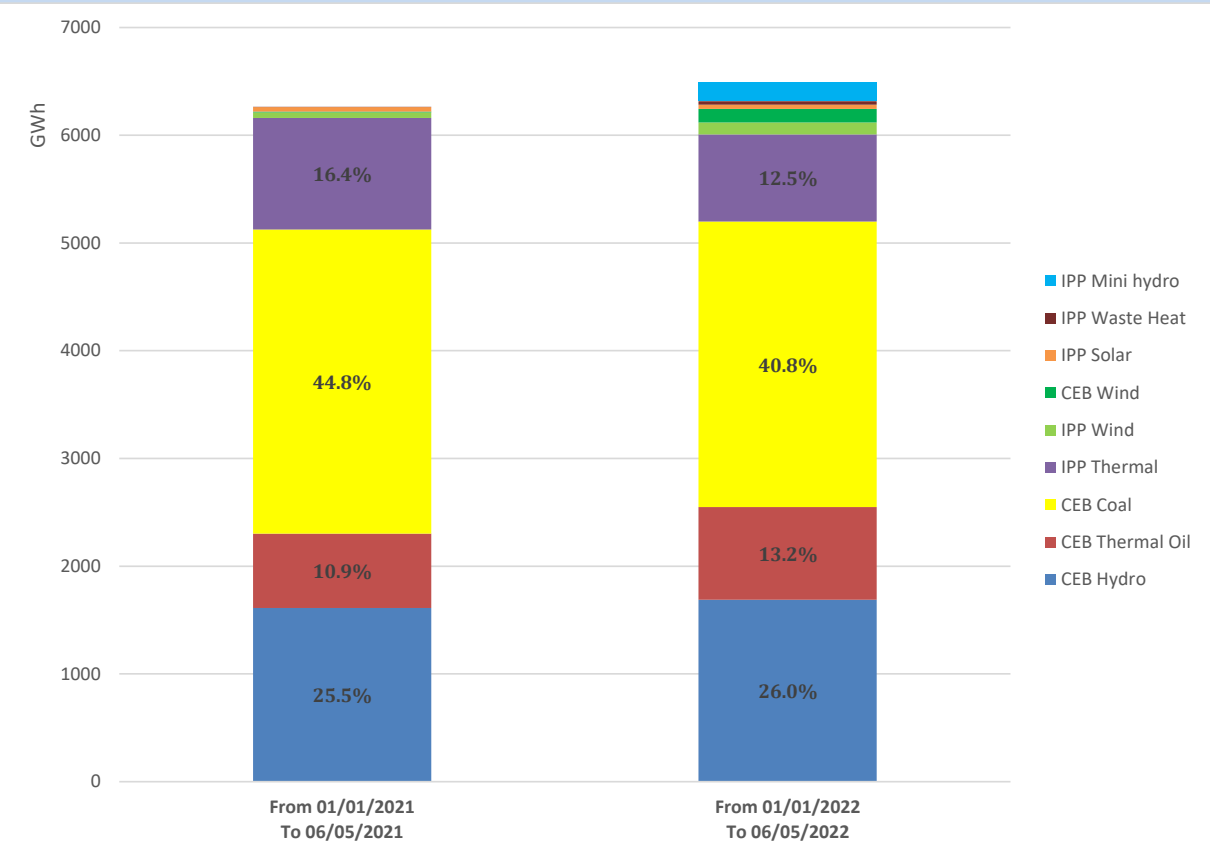
Solar Generation during the Previous day

June 4, 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 6, 2022

- 1). Rand Gen 01 made forced shutdown at 7:58hrs. Gen 01 resumed generation 5:49hrs (06.06.2022) and again made forced shutdown at 6:18hrs due to auto deloading.