

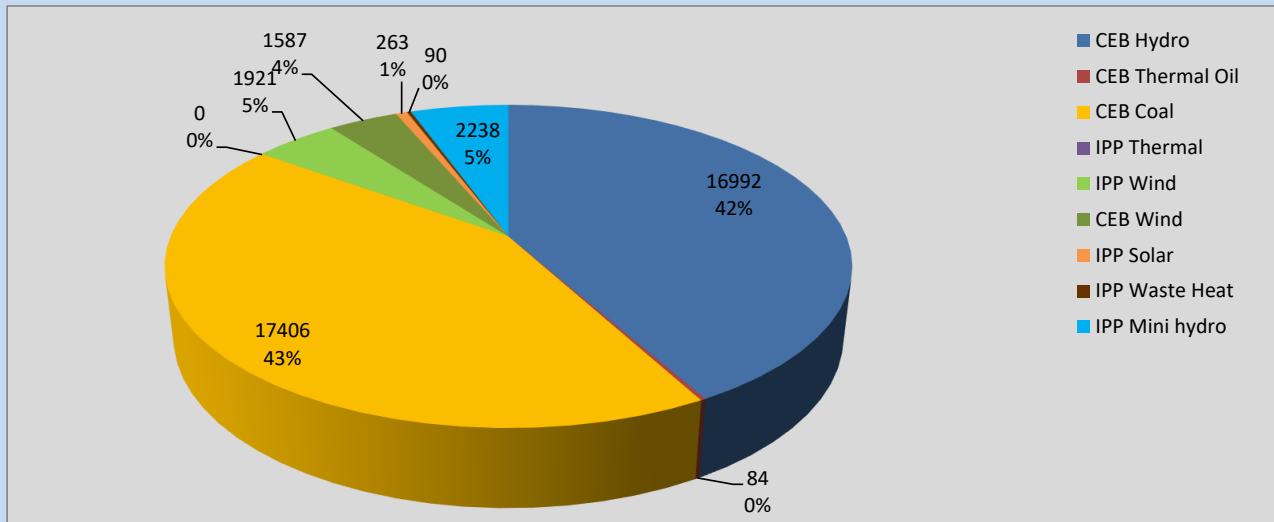
Generation and Reservoirs Statistics

June 1, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **40,581 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

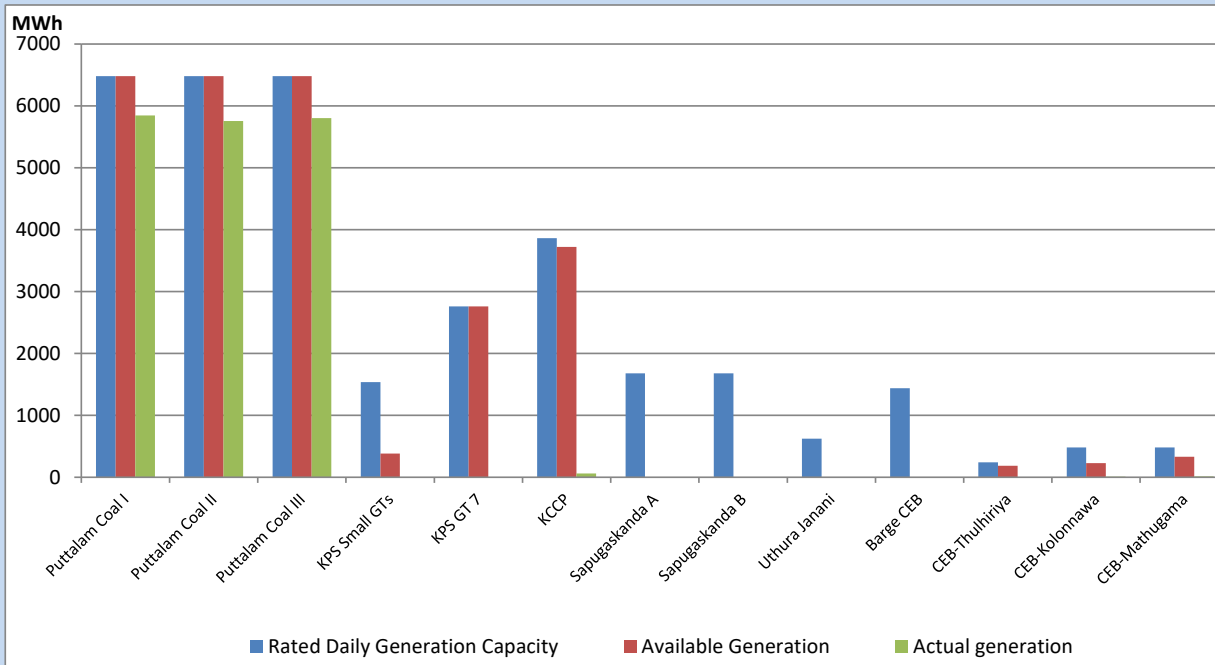
Category	Dispatch (GWh)	Percentage
CEB Hydro	16.99	41.87%
CEB Thermal Oil	0.08	0.20%
CEB Coal	17.41	42.90%
IPP Thermal	0.00	0.00%
SPP Wind	1.92	4.73%
CEB Wind	1.59	3.92%
SPP Solar	0.26	0.64%
SPP Solid Waste	0.09	0.22%
Mini Hydro	2.24	5.52%
Total	40.58	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,626.0	25.67%
CEB Thermal Oil	858.6	13.55%
CEB Coal	2,583.7	40.79%
IPP Thermal	808.5	12.76%
SPP Wind	102.9	1.62%
CEB Wind	118.3	1.87%
SPP Solar	39.3	0.62%
SPP Solid Waste	31.4	0.50%
Mini Hydro	165.9	2.62%
Total	6,334.3	

CEB owned Thermal Plant Dispatch

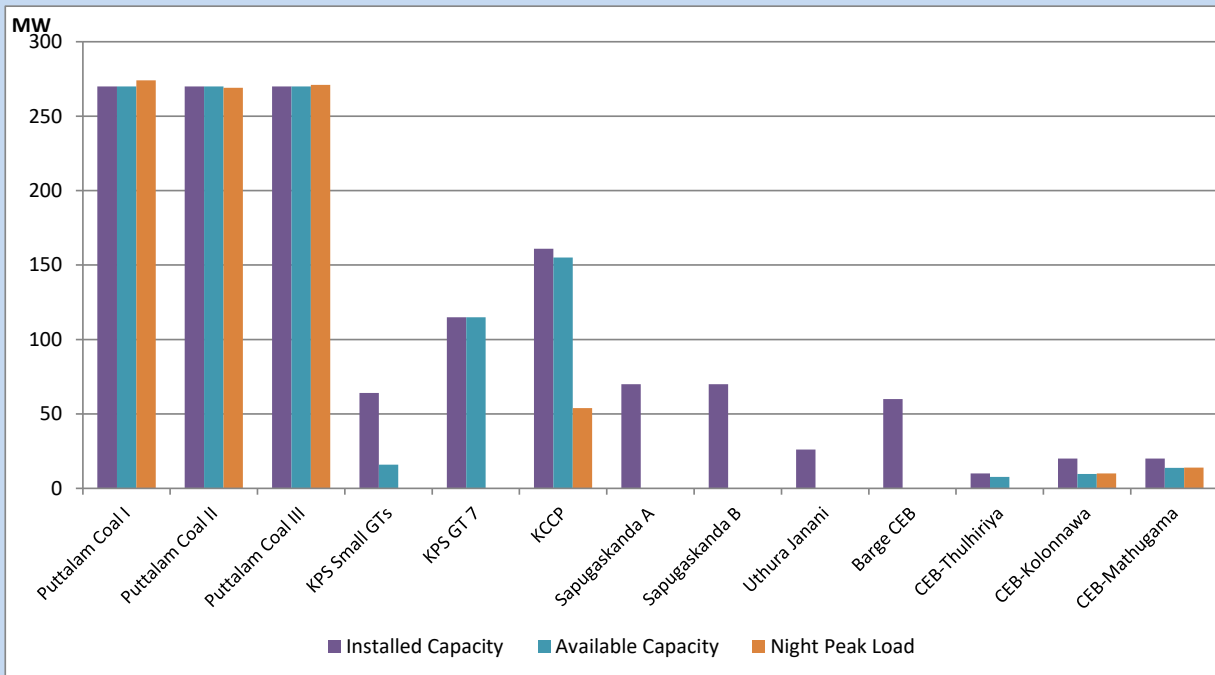
June 1, 2022



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

June 2, 2022

CEB owned Thermal Plant Loading at the Night Peak



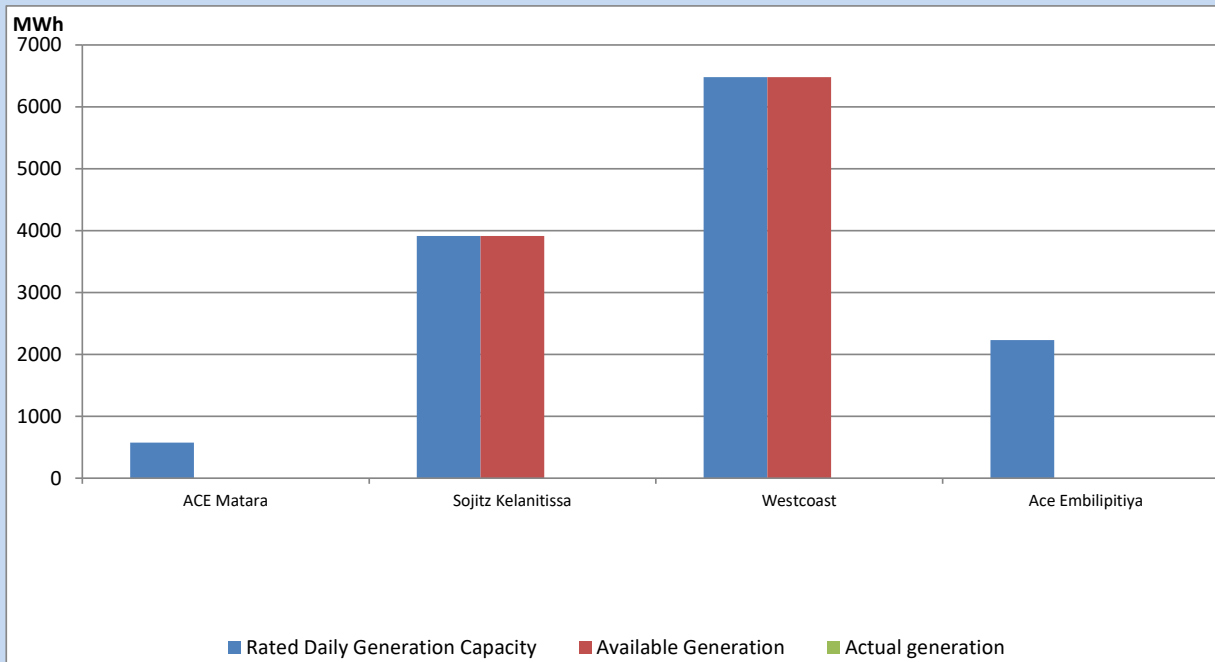
Note- Plant availability is recorded at 6.00 am on

June 2, 2022

IPP owned Thermal Plant Dispatch

June 1, 2022

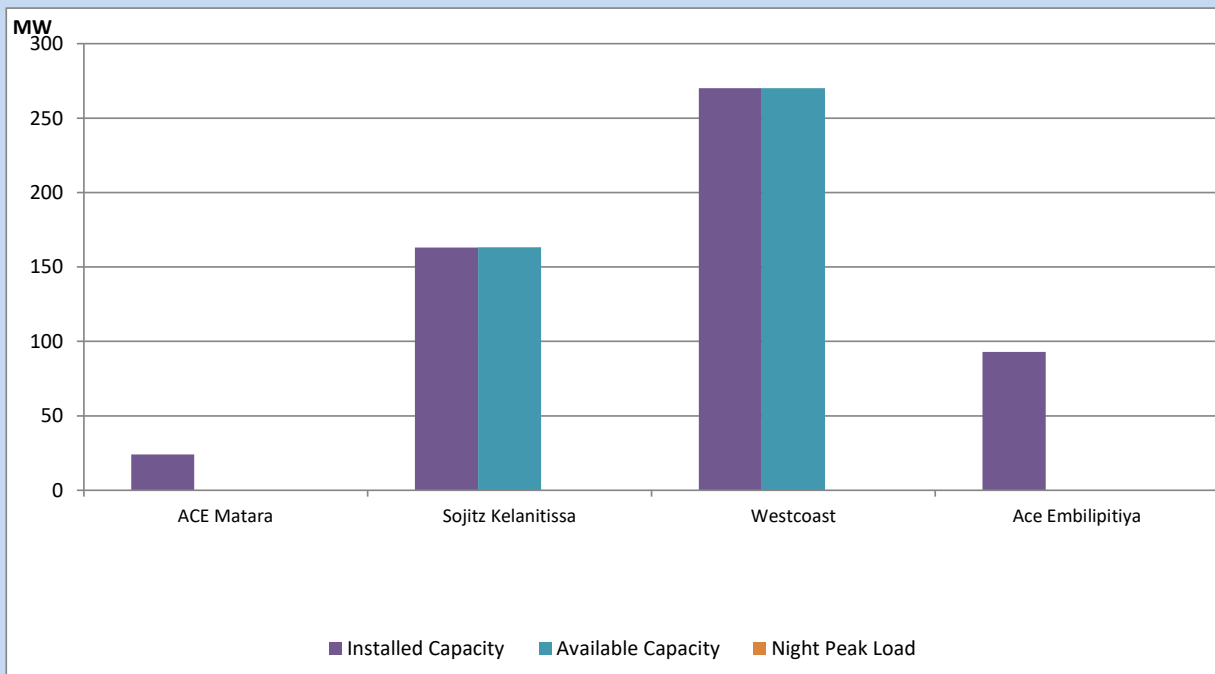
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 2, 2022

IPP owned Thermal Plant Loading at the Night Peak

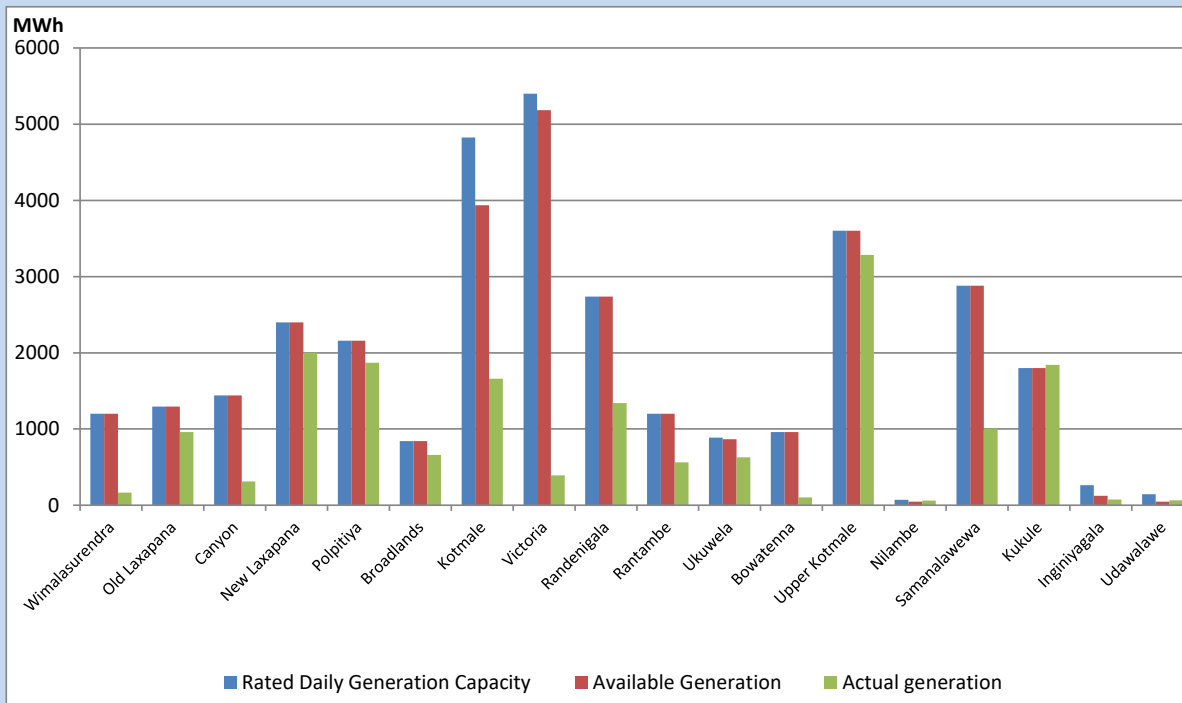


Note- Plant availability is recorded at 6.00 am on

June 2, 2022

Major Hydro Plant Dispatch

June 1, 2022

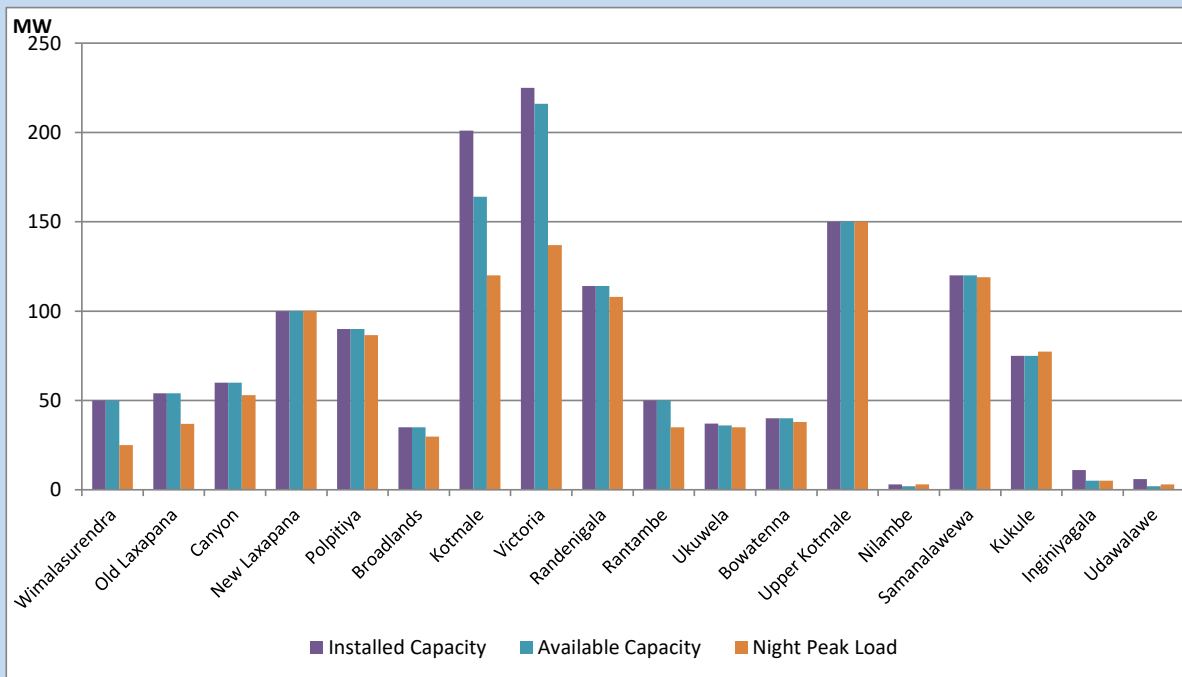


Available Generation is estimated based on plant availability at 6.00am on June 2, 2022
 Broadlands power plant is operating in the Commissioning Stage

June 2, 2022

Major Hydro Plant Loading at Night Peak

June 1, 2022



Note- Plant availability is recorded at 6.00 am on June 2, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

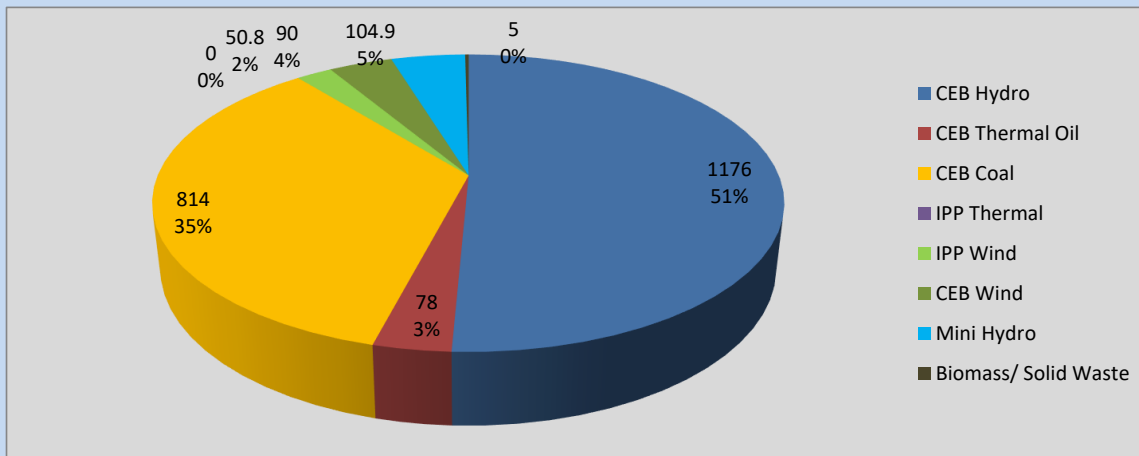
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	25	165
Old Laxapana	54	54	37	960
Canyon	60	60	53	311
New Laxapana	100	100	100	2,003
Polpitiya	90	90	87	1,870
Broadlands	35	35	30	661
Kotmale	201	164	120	1,660
Victoria	225	216	137	392
Randenigala	114	114	108	1,339
Rantambe	50	50	35	563
Ukuwela	37	36	35	630
Bowatenna	40	40	38	101
Upper Kotmale	150	150	150	3,286
Nilambe	3	2	3	62
Samanalawewa	120	120	119	1,006
Kukule	75	75	77	1,842
Inginiyagala	11	5	5	76
Udawalawe	6	2	3	65
Puttalam Coal I	270	270	274	5,847
Puttalam Coal II	270	270	269	5,754
Puttalam Coal III	270	270	271	5,805
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	54	61
Sapugaskanda A	70	0	0	0
Sapugaskanda B	70	0	0	0
Uthura Janani	26	0	0	0
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	10	10	9
CEB-Mathugama	20	14	14	14
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	2,923	2,305	40,581

Plant availability is the availability recorded at 6 am on

June 2, 2022

Contribution to the Night Peak in MW

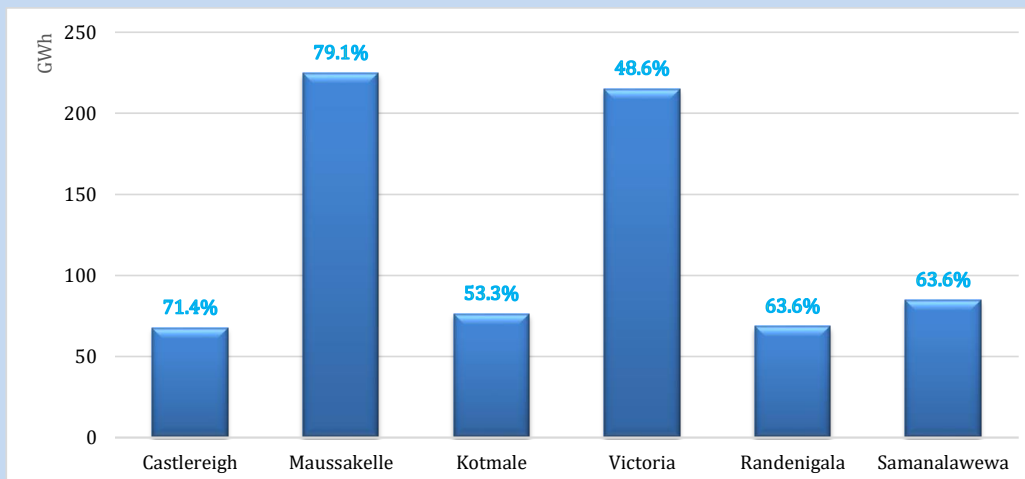
June 1, 2022



Night Peak*	2,318.5 MW
Day Peak	1,875.1 MW
Minimum Demand	1,079.4 MW

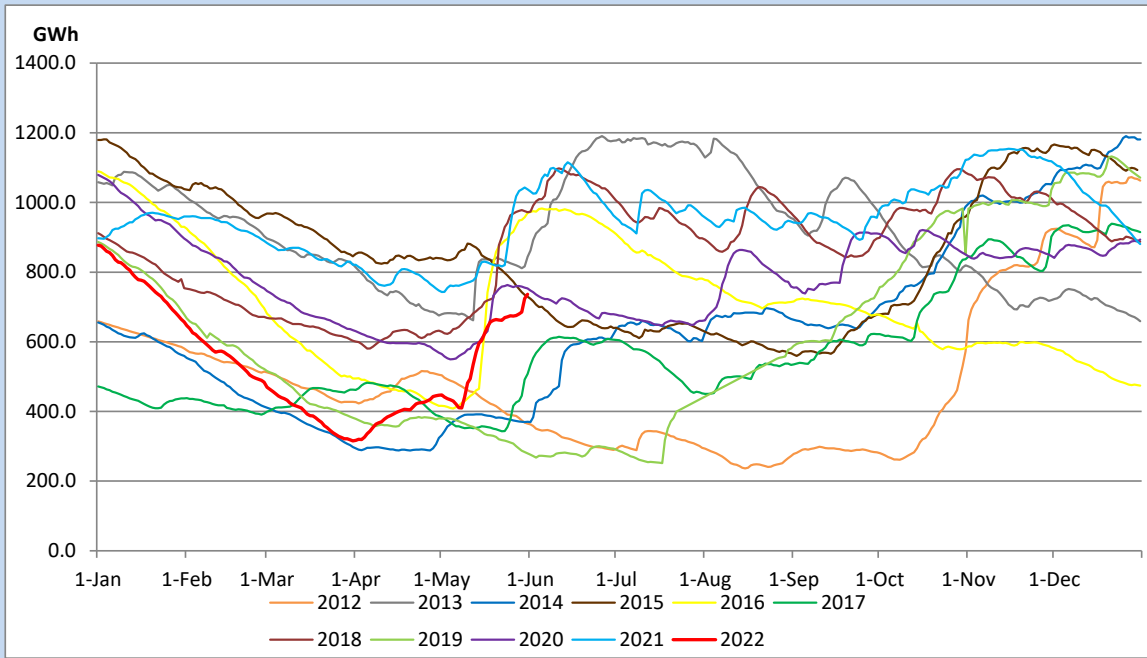
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on June 2, 2022

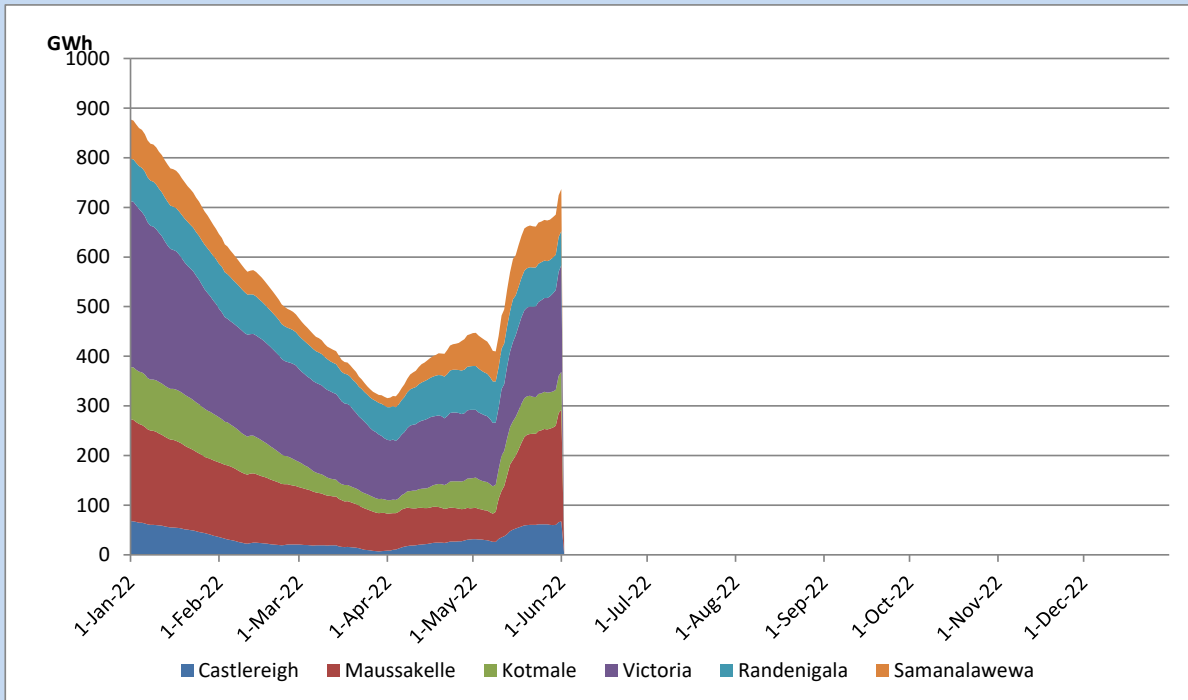


Total Reservoir Level	736.7 GWh
% of Total capacity	61.1%

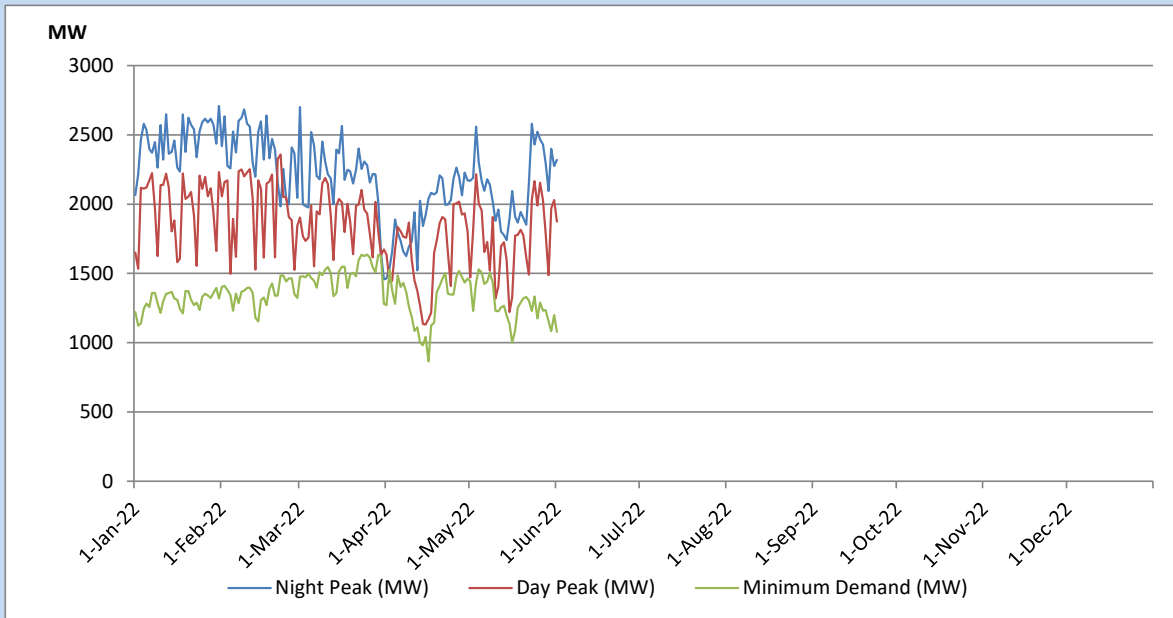
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

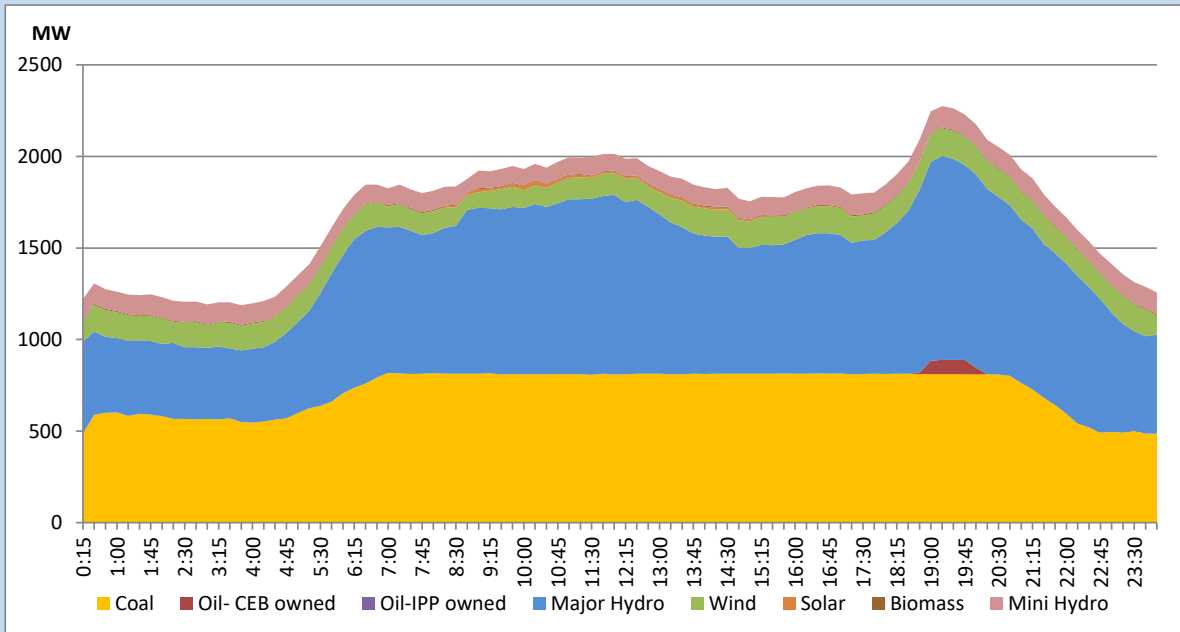


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

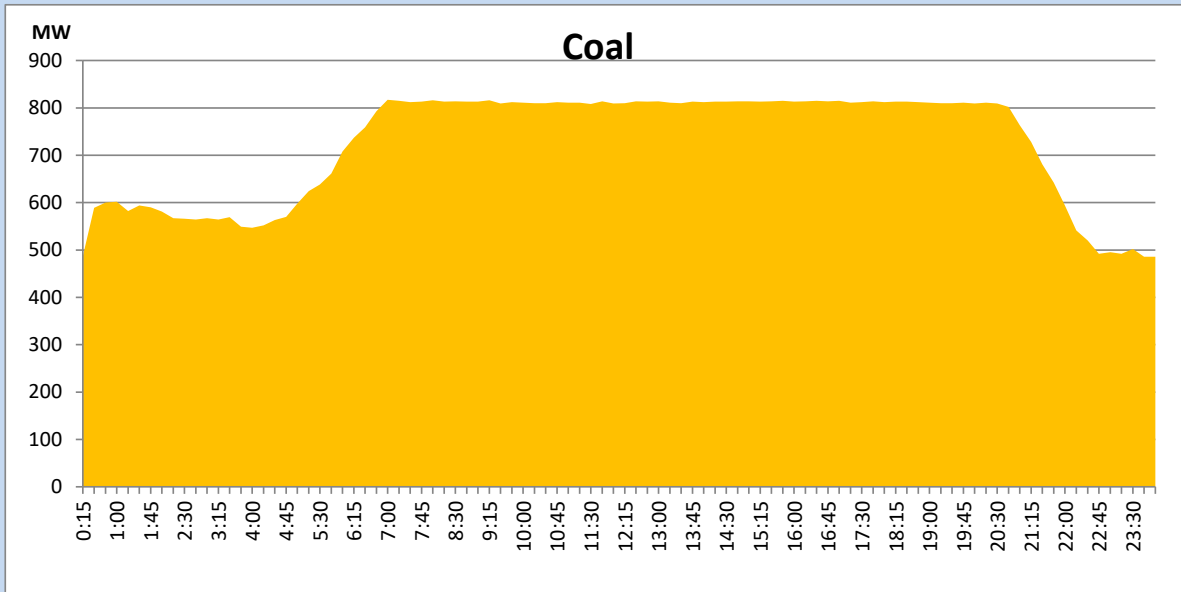
May 31, 2022

Solar and wind data is based on Telemetered Power Stations only



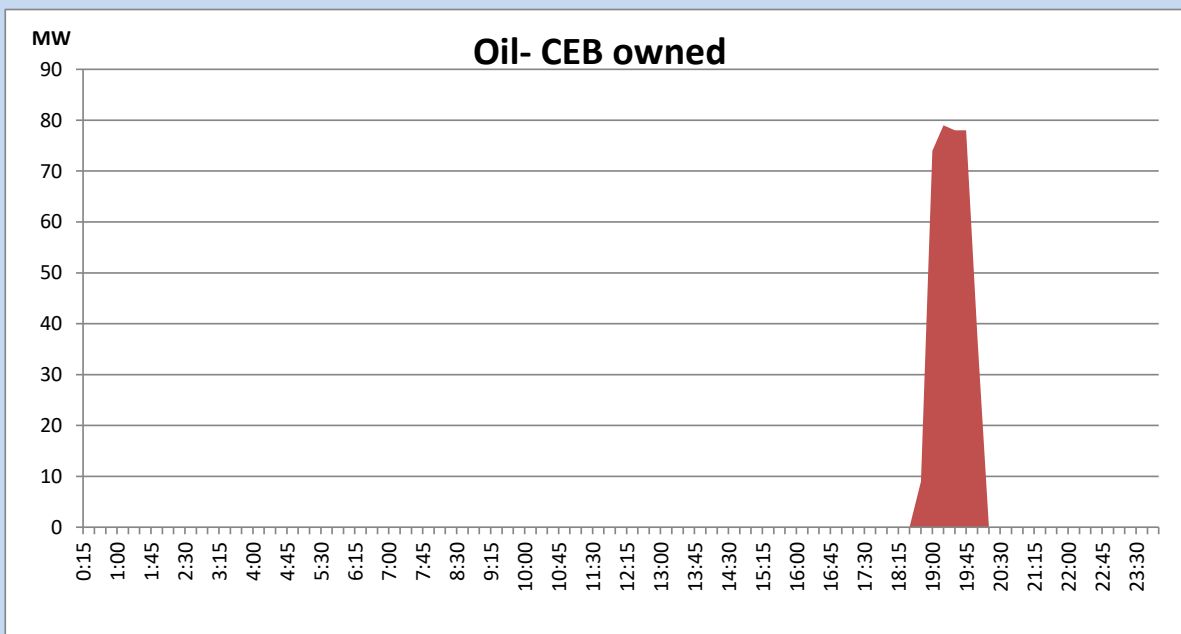
Coal Generation during the Previous day

May 31, 2022



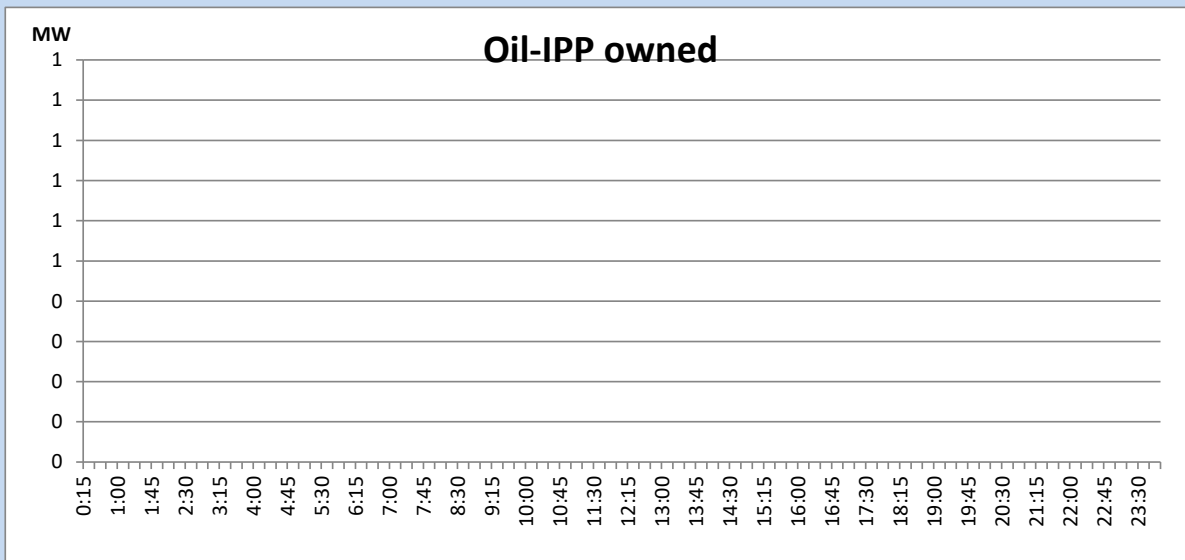
CEB Oil Plant Generation during the Previous day

May 31, 2022



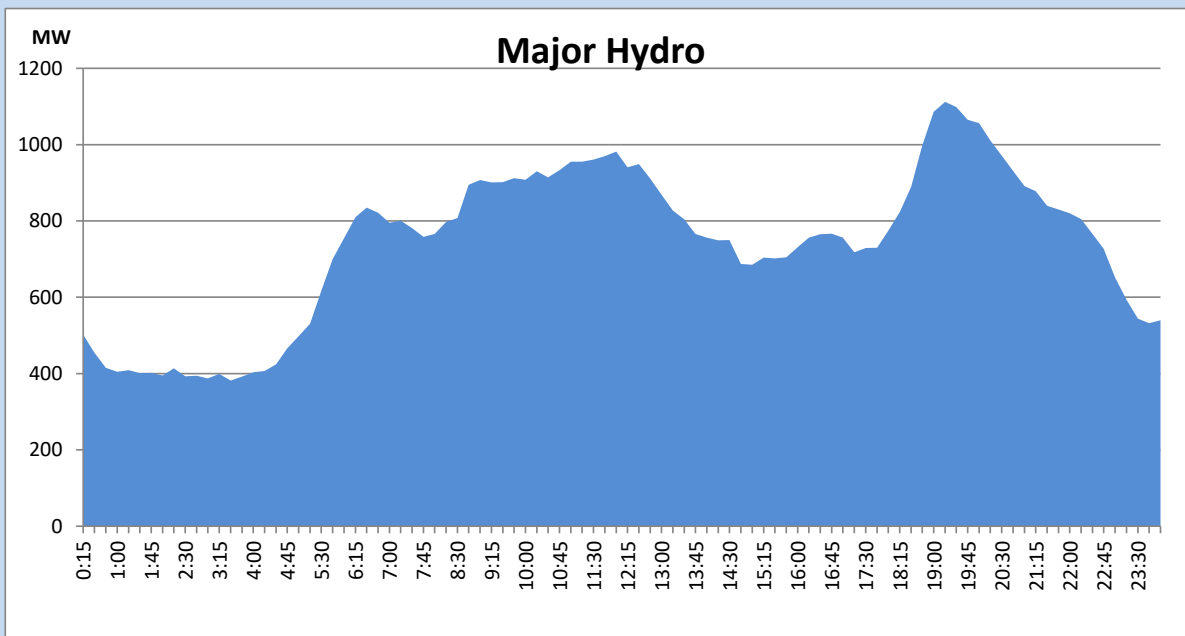
IPP Oil Plant Generation during the Previous day

May 31, 2022



Major Hydro Generation during the Previous day

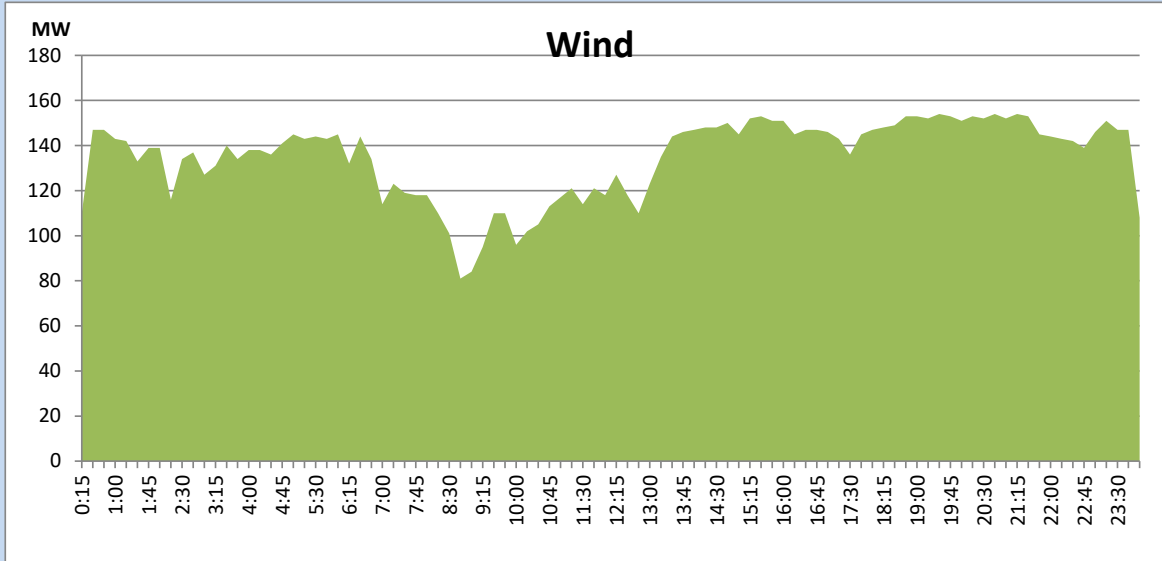
May 31, 2022



Wind Generation during the Previous day

May 31, 2022

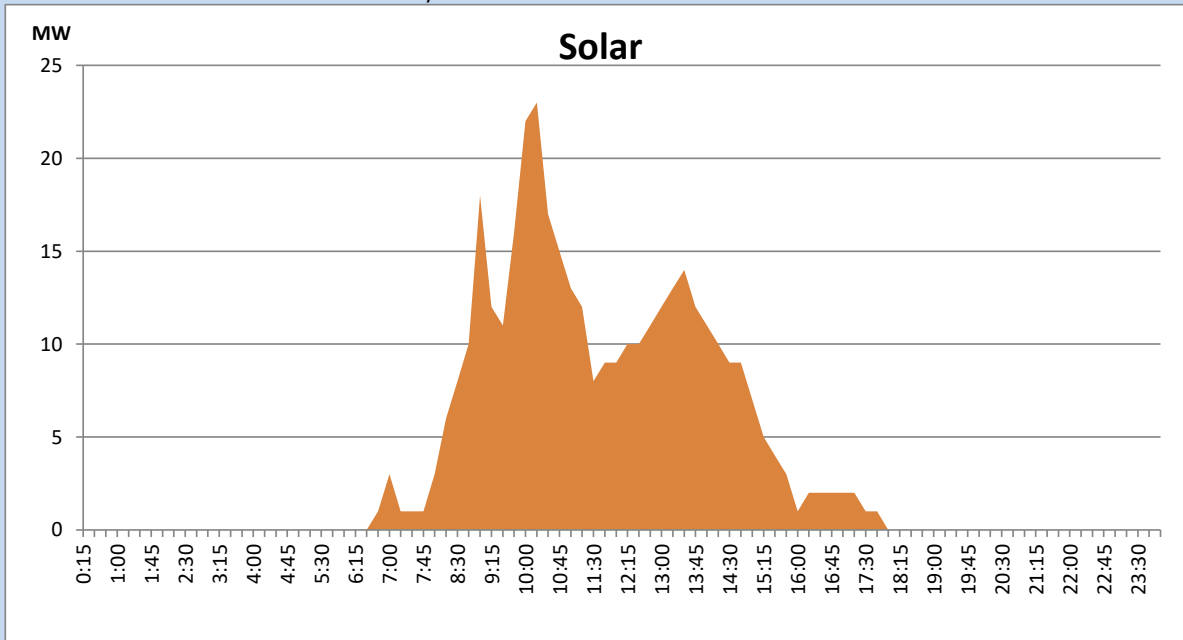
Based on Telemetered Power Stations only



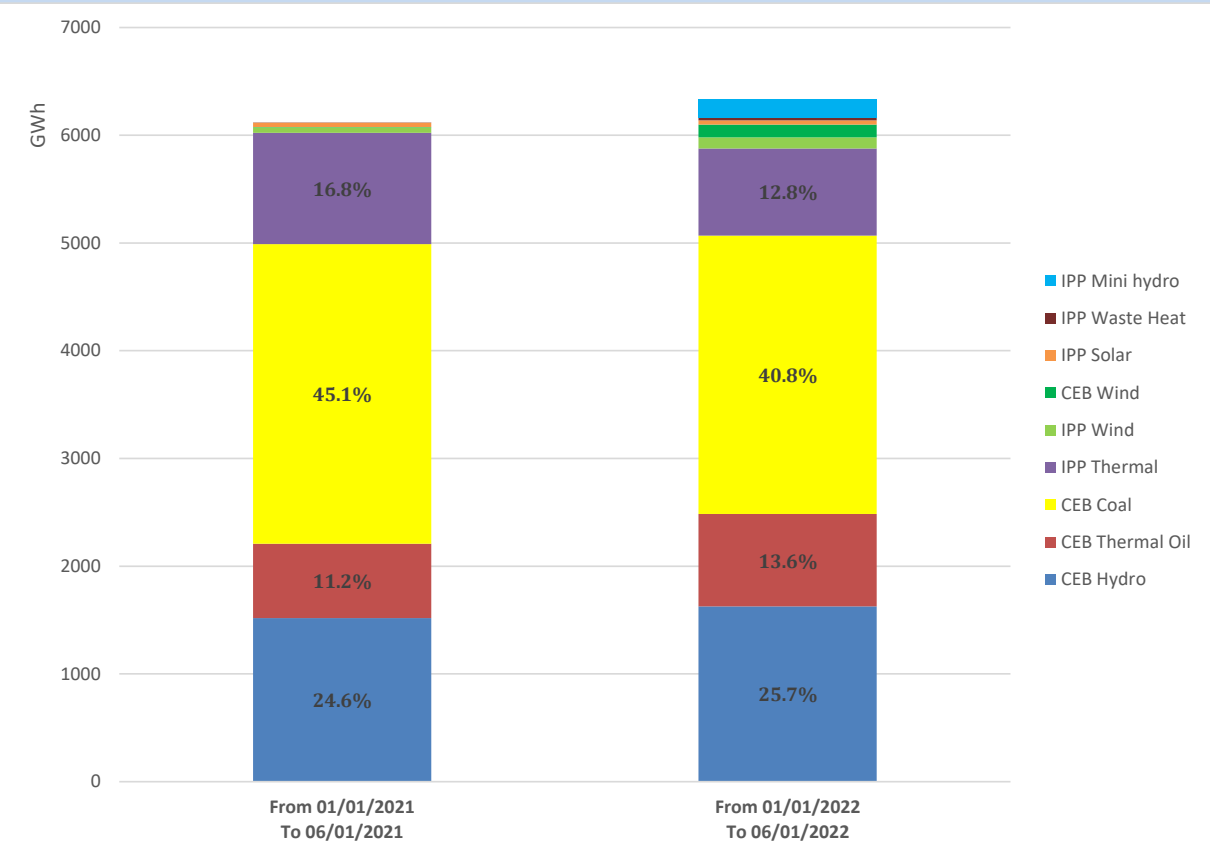
Solar Generation during the Previous day

May 31, 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 2, 2022

- 1) Rotational manual load shedding was carried out from 6:00hrs to 9:00hrs and 15:30hrs to 18:30hrs