

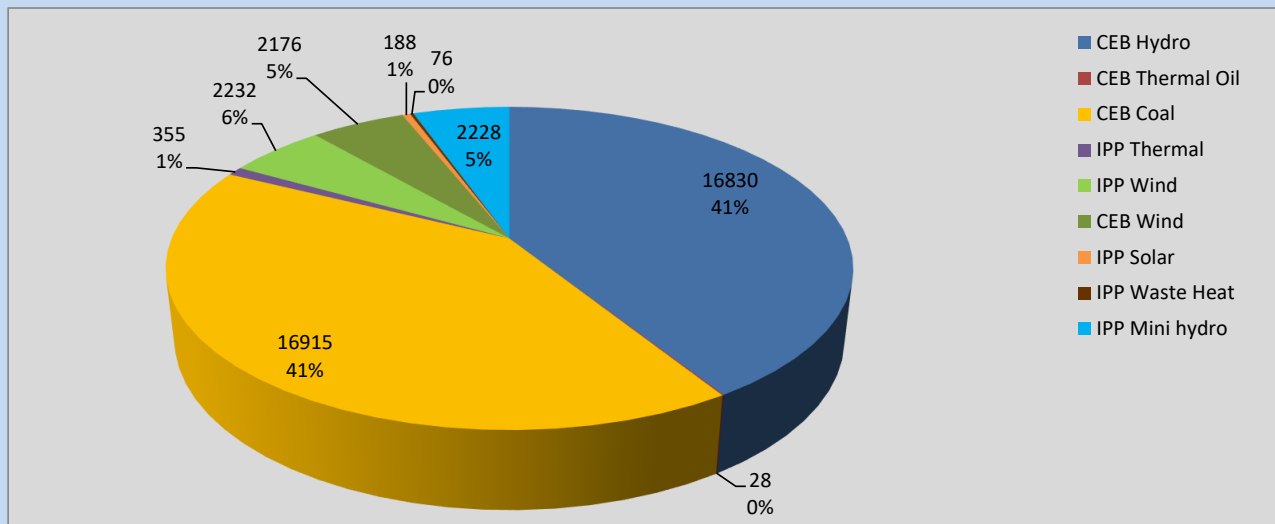
Generation and Reservoirs Statistics

May 30, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

41,028 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

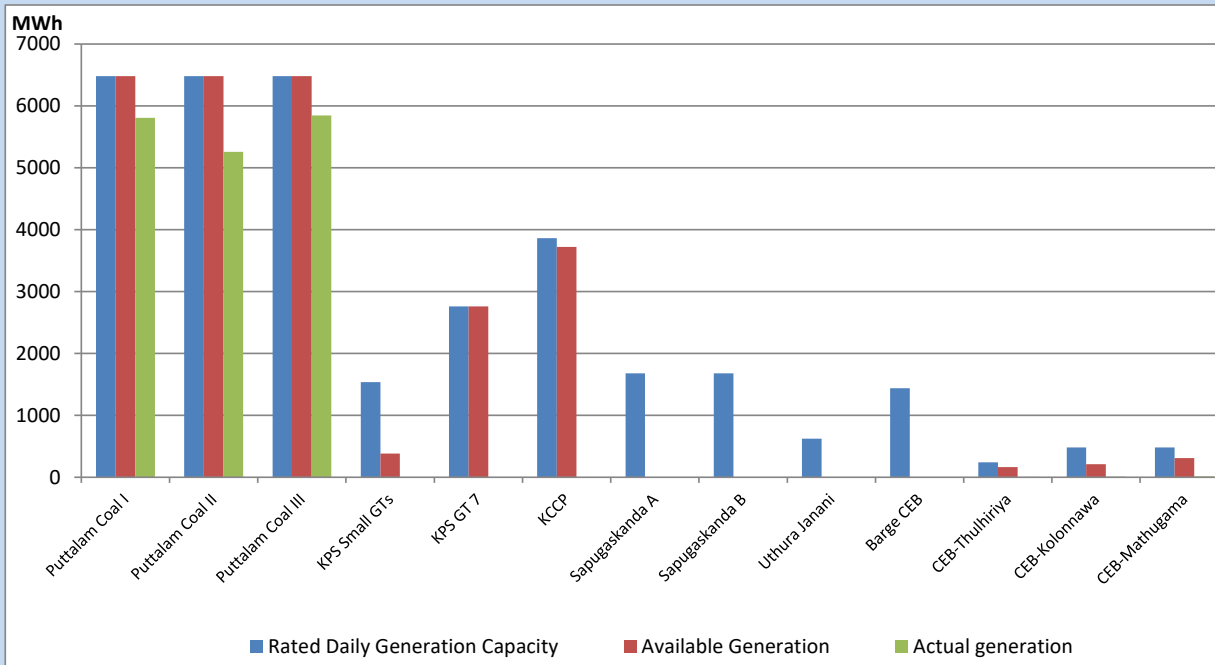
Category	Dispatch (GWh)	Percentage
CEB Hydro	442.75	37.04%
CEB Thermal Oil	72.88	6.10%
CEB Coal	428.57	35.85%
IPP Thermal	80.22	6.71%
SPP Wind	47.73	3.99%
CEB Wind	49.15	4.11%
SPP Solar	7.52	0.63%
SPP Solid Waste	7.36	0.62%
Mini Hydro	59.31	4.96%
Total	1,195.49	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,591.0	25.45%
CEB Thermal Oil	858.4	13.73%
CEB Coal	2,548.9	40.77%
IPP Thermal	808.5	12.93%
SPP Wind	98.7	1.58%
CEB Wind	114.8	1.84%
SPP Solar	38.8	0.62%
SPP Solid Waste	31.2	0.50%
Mini Hydro	161.4	2.58%
Total	6,251.4	

CEB owned Thermal Plant Dispatch

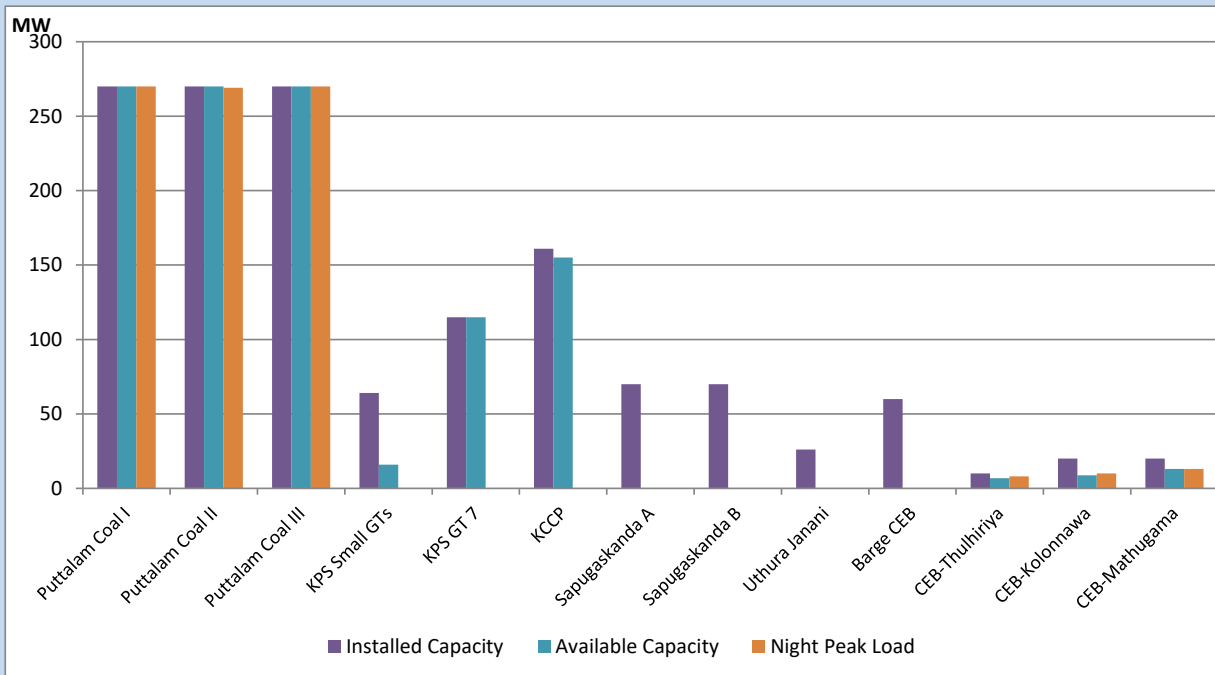
May 30, 2022



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

May 31, 2022

CEB owned Thermal Plant Loading at the Night Peak



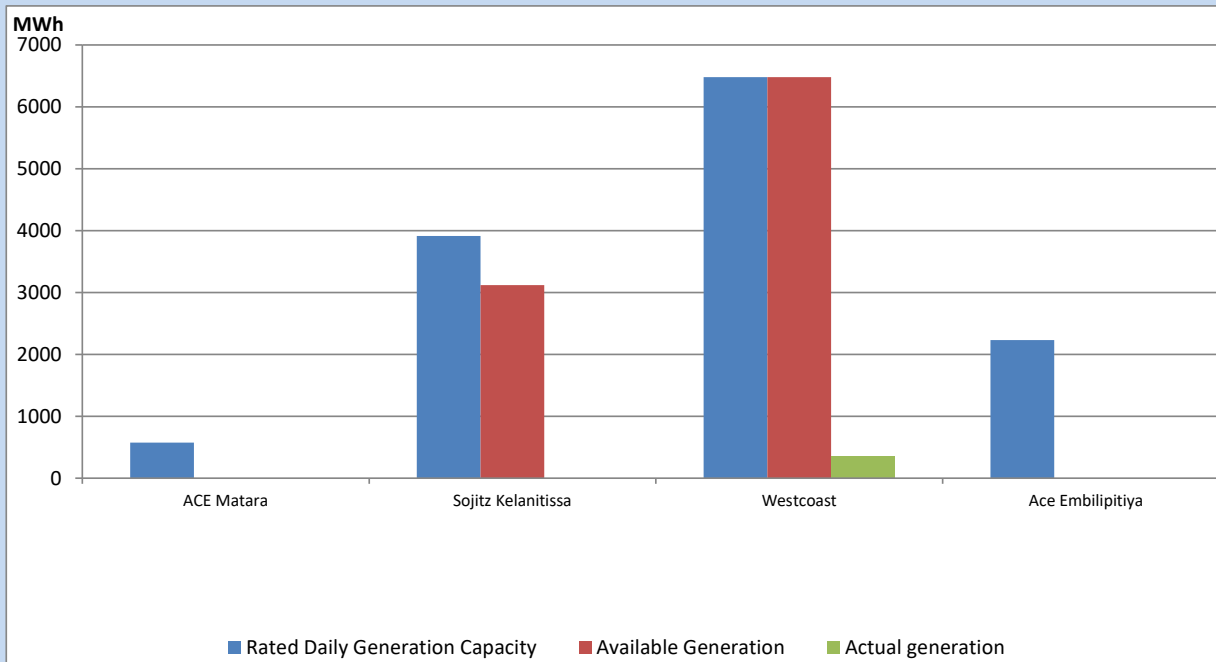
Note- Plant availability is recorded at 6.00 am on

May 31, 2022

IPP owned Thermal Plant Dispatch

May 30, 2022

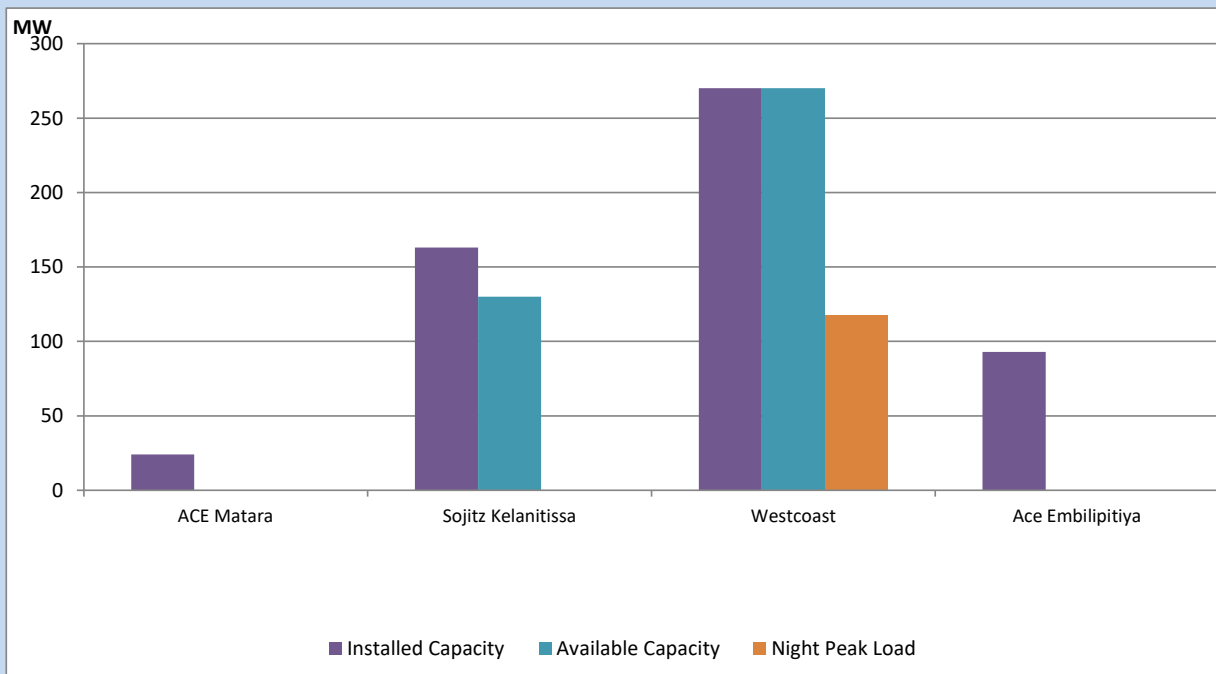
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

May 31, 2022

IPP owned Thermal Plant Loading at the Night Peak

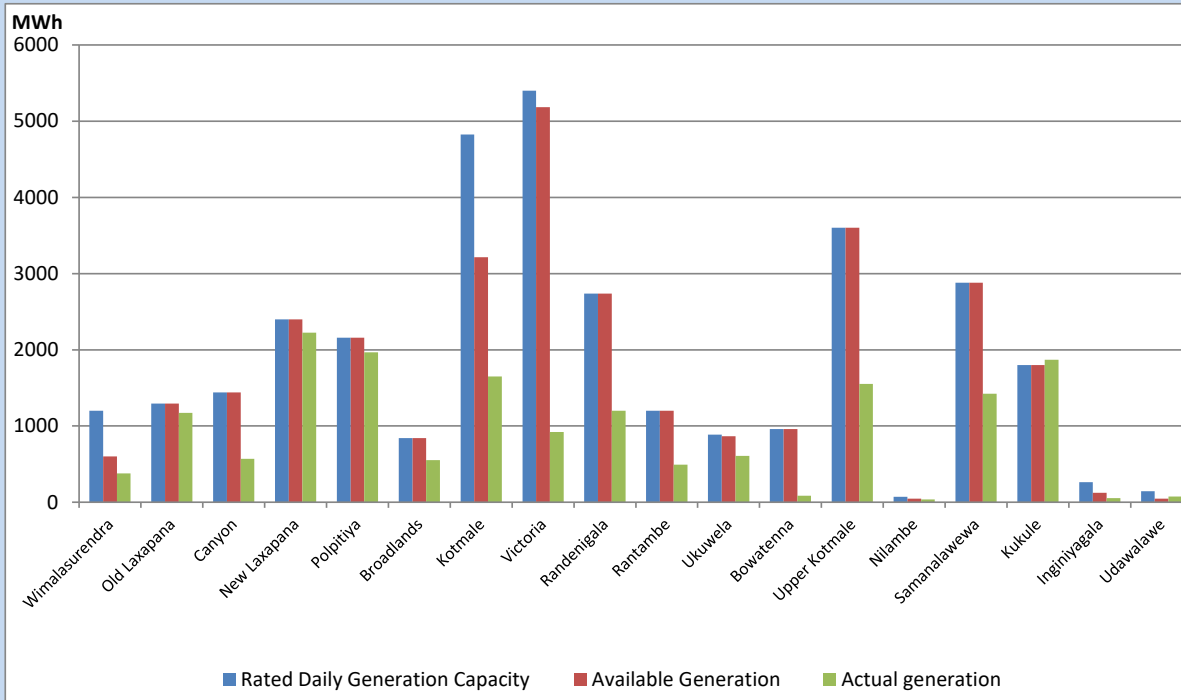


Note- Plant availability is recorded at 6.00 am on

May 31, 2022

Major Hydro Plant Dispatch

May 30, 2022

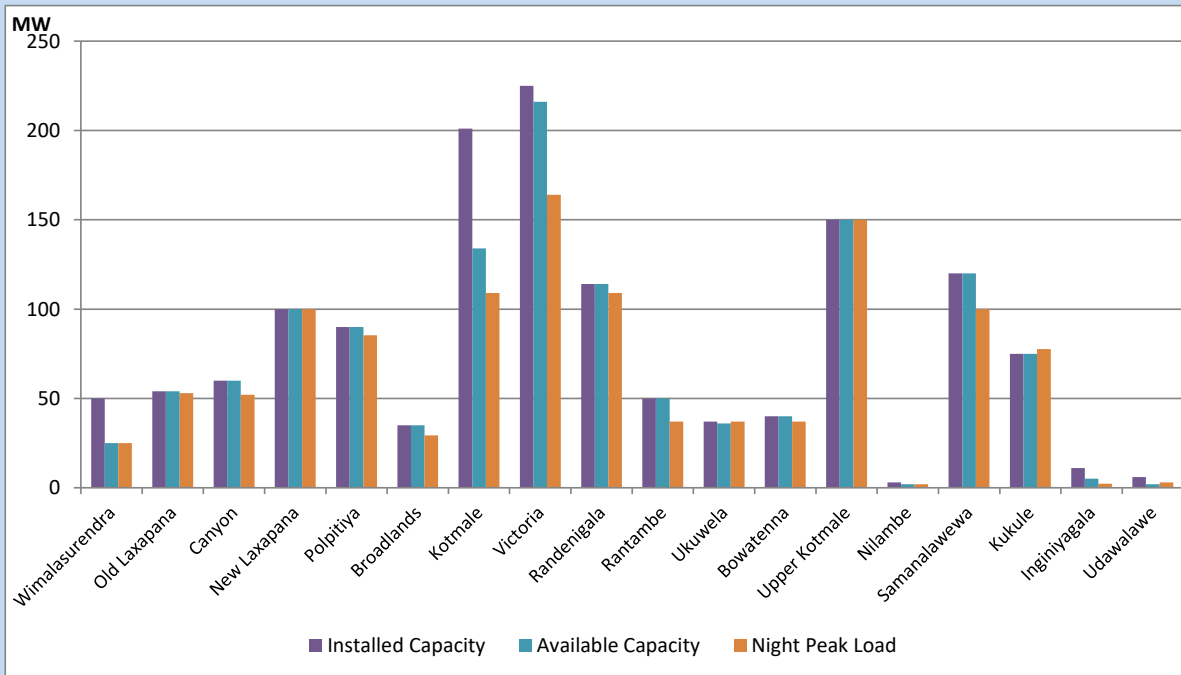


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

May 31, 2022

Major Hydro Plant Loading at Night Peak

May 30, 2022



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

May 31, 2022

Summary of Major Plant performance

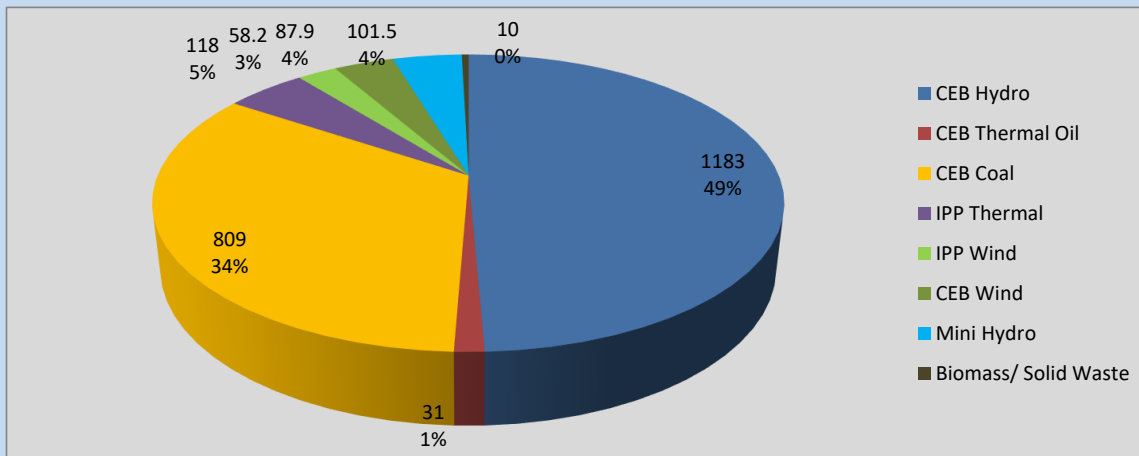
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	378
Old Laxapana	54	54	53	1,174
Canyon	60	60	52	570
New Laxapana	100	100	100	2,224
Polpitiya	90	90	85	1,966
Broadlands	35	35	29	553
Kotmale	201	134	109	1,650
Victoria	225	216	164	922
Randenigala	114	114	109	1,200
Rantambe	50	50	37	492
Ukuwela	37	36	37	607
Bowatenna	40	40	37	84
Upper Kotmale	150	150	150	1,554
Nilambe	3	2	2	37
Samanalawewa	120	120	100	1,423
Kukule	75	75	78	1,869
Inginiyagala	11	5	2	54
Udawalawe	6	2	3	73
Puttalam Coal I	270	270	270	5,809
Puttalam Coal II	270	270	269	5,259
Puttalam Coal III	270	270	270	5,847
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	0	0
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	7	8	7
CEB-Kolonnawa	20	9	10	9
CEB-Mathugama	20	13	13	12
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	130	0	0
West Coast	270	270	118	355
ACE Embilipitiya	93	0	0	0
Total	3,397	2,833	2,388	41,028

Plant availability is the availability recorded at 6 am on

May 31, 2022

Contribution to the Night Peak in MW

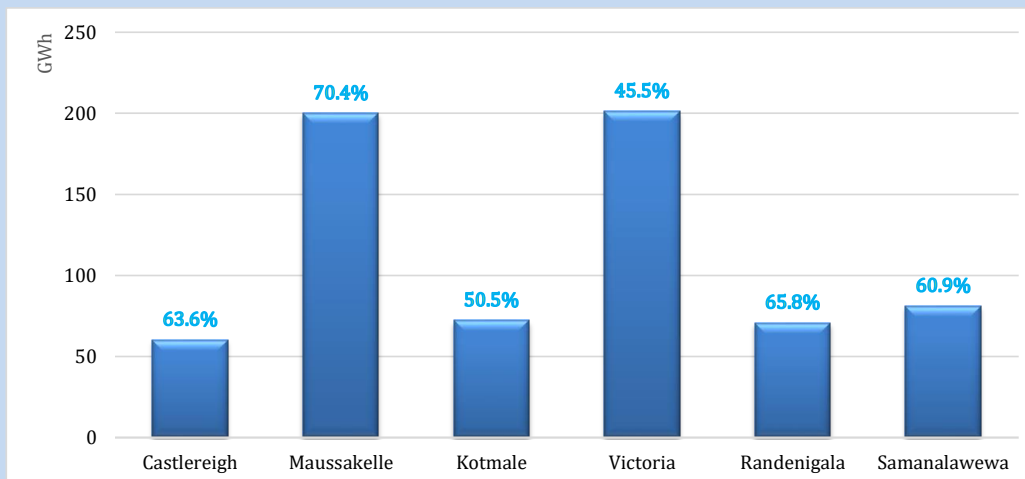
May 30, 2022



Night Peak*	2,398.9 MW
Day Peak	1,967.5 MW
Minimum Demand	1,082.0 MW

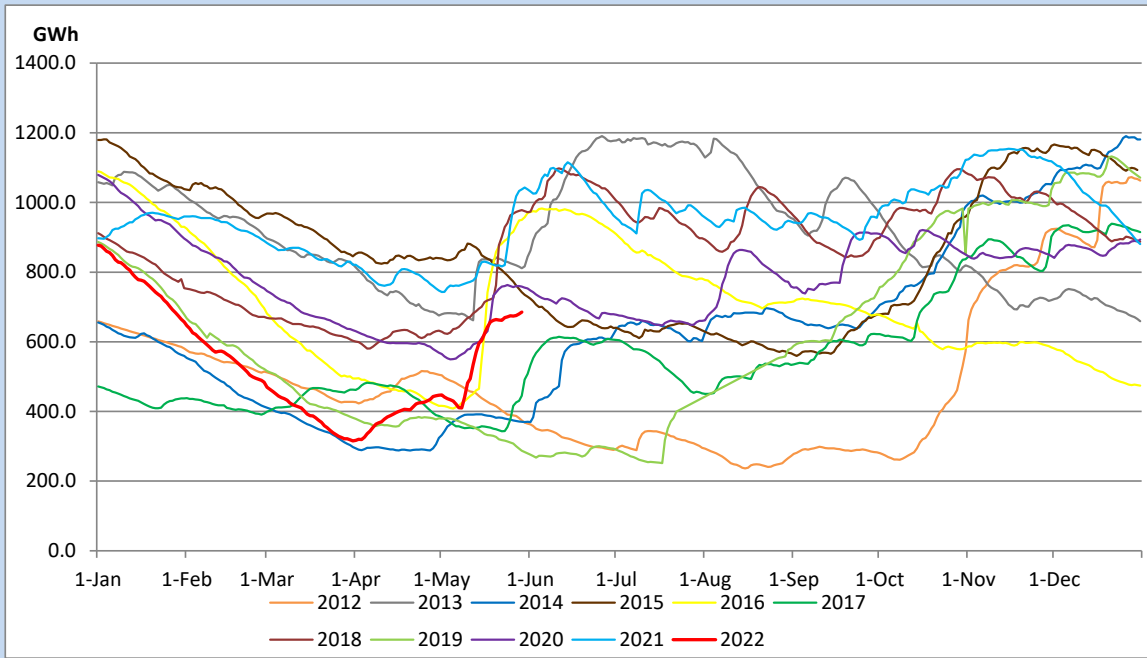
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on May 31, 2022

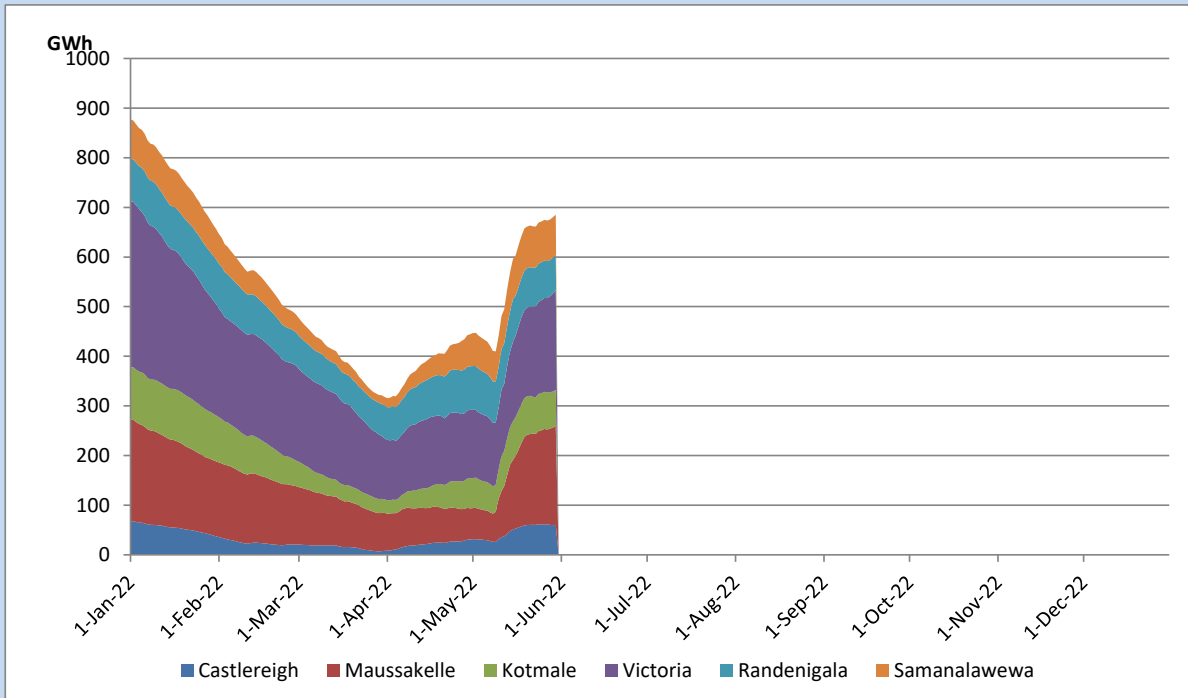


Total Reservoir Level	685.5 GWh
% of Total capacity	56.9%

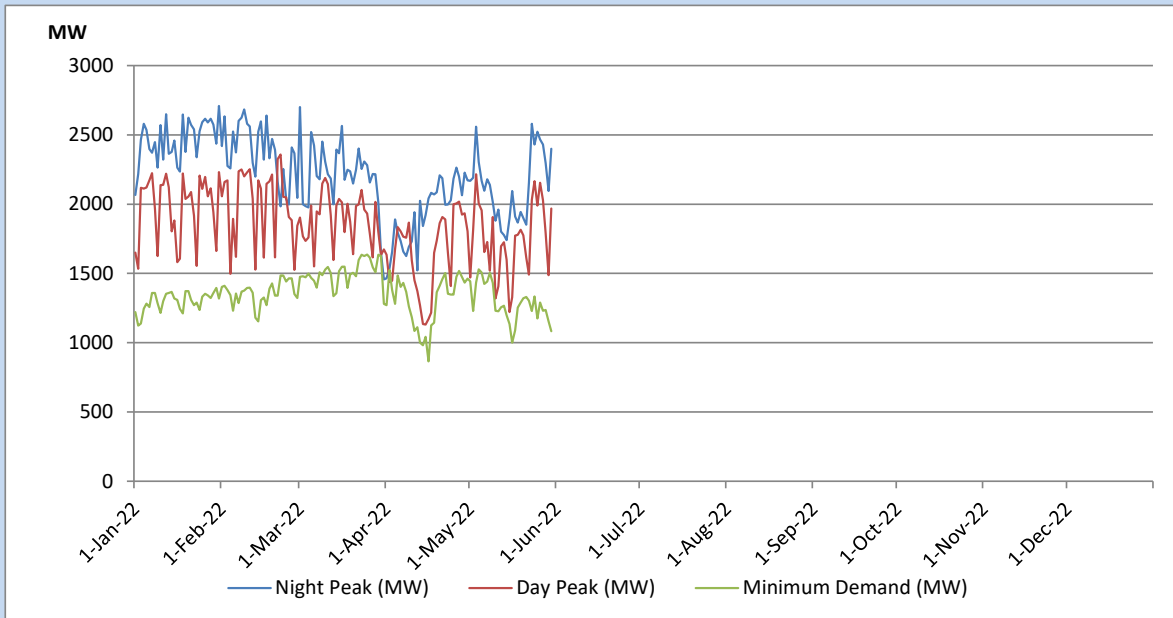
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

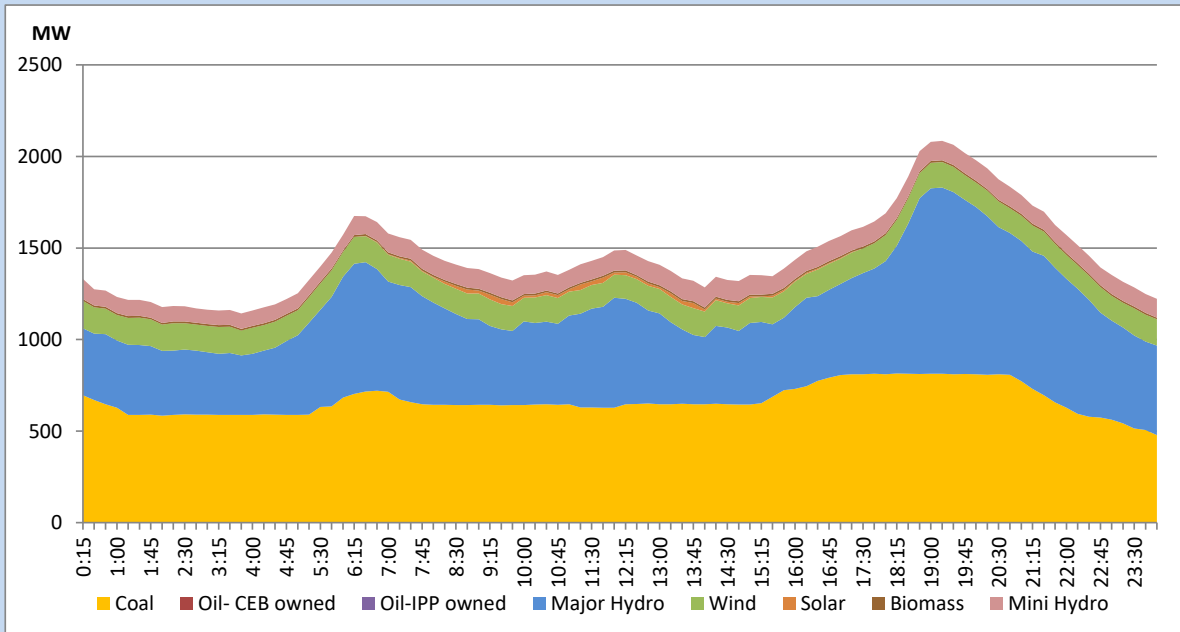


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

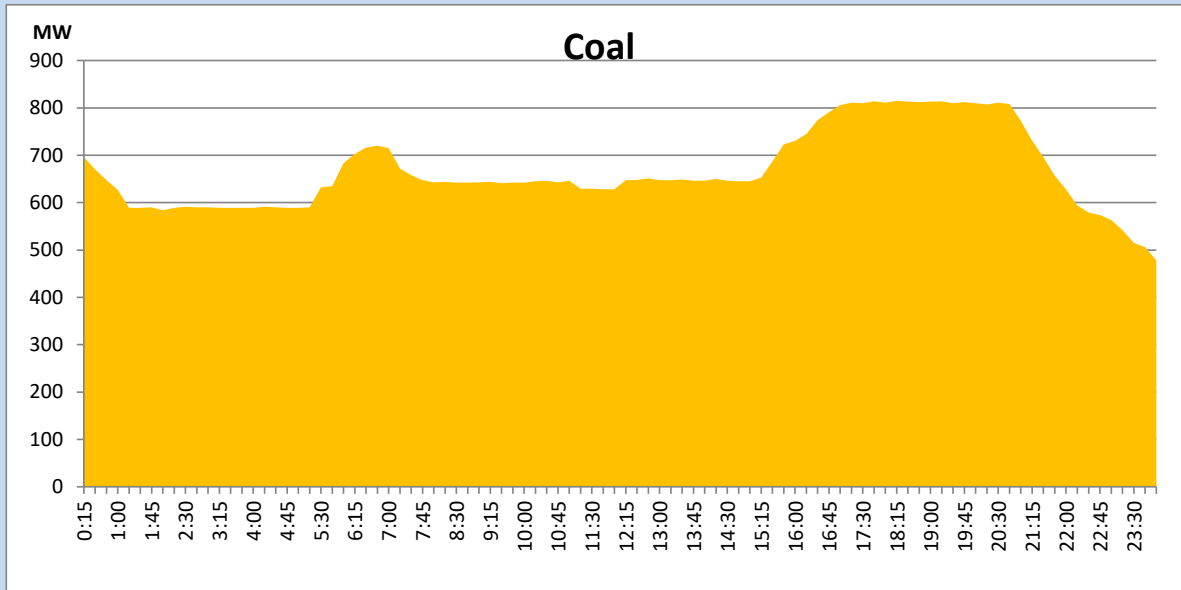
May 29, 2022

Solar and wind data is based on Telemetered Power Stations only



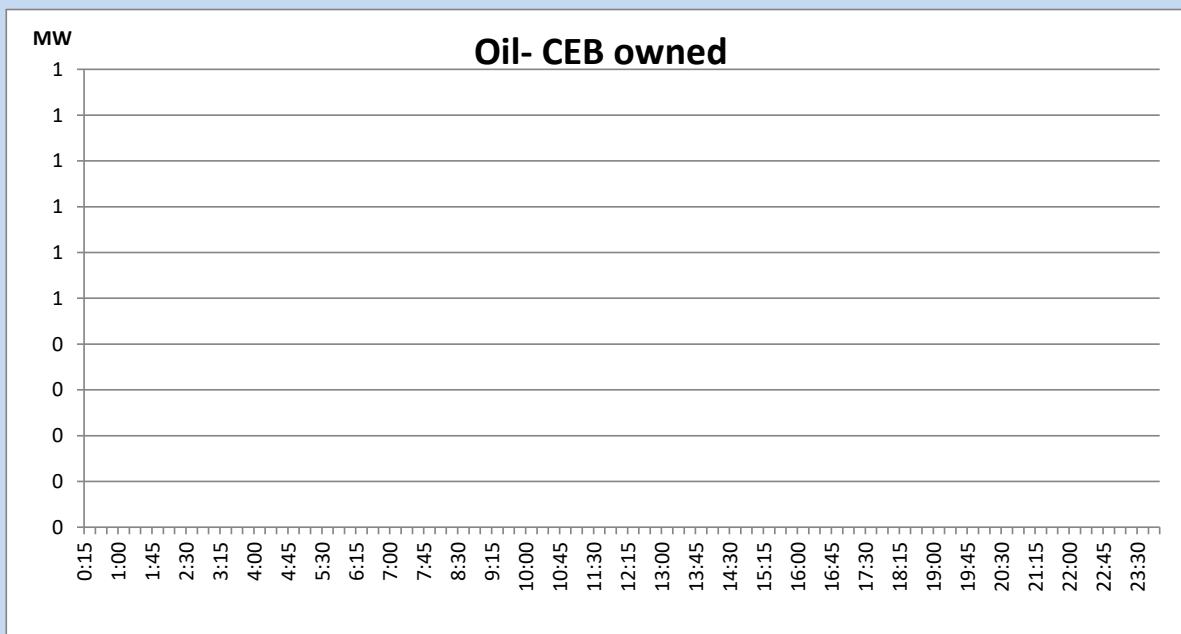
Coal Generation during the Previous day

May 29, 2022



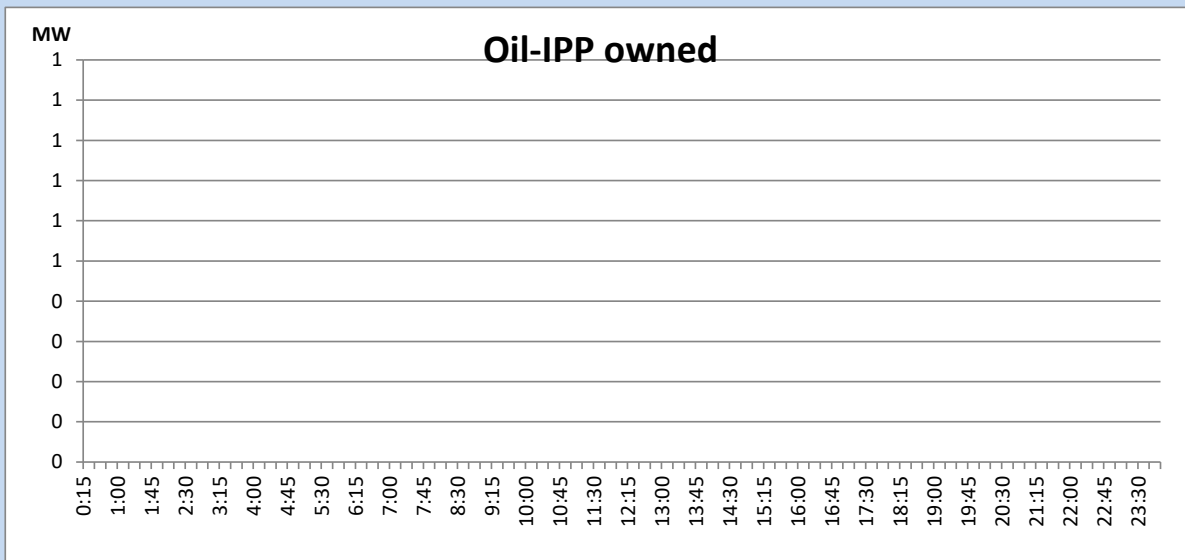
CEB Oil Plant Generation during the Previous day

May 29, 2022



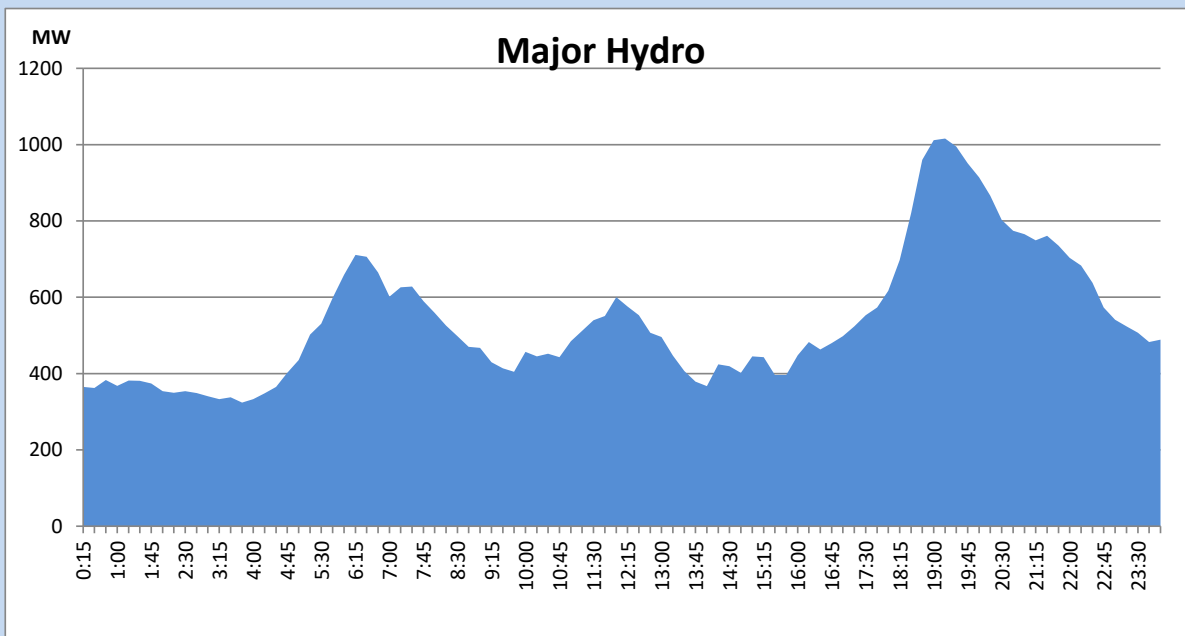
IPP Oil Plant Generation during the Previous day

May 29, 2022



Major Hydro Generation during the Previous day

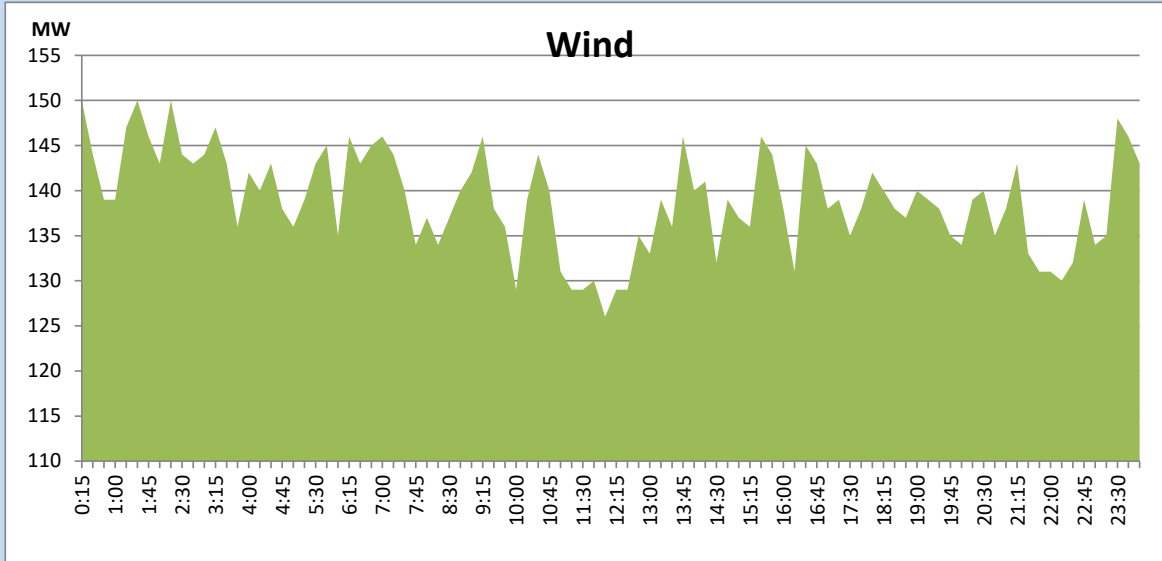
May 29, 2022



Wind Generation during the Previous day

May 29, 2022

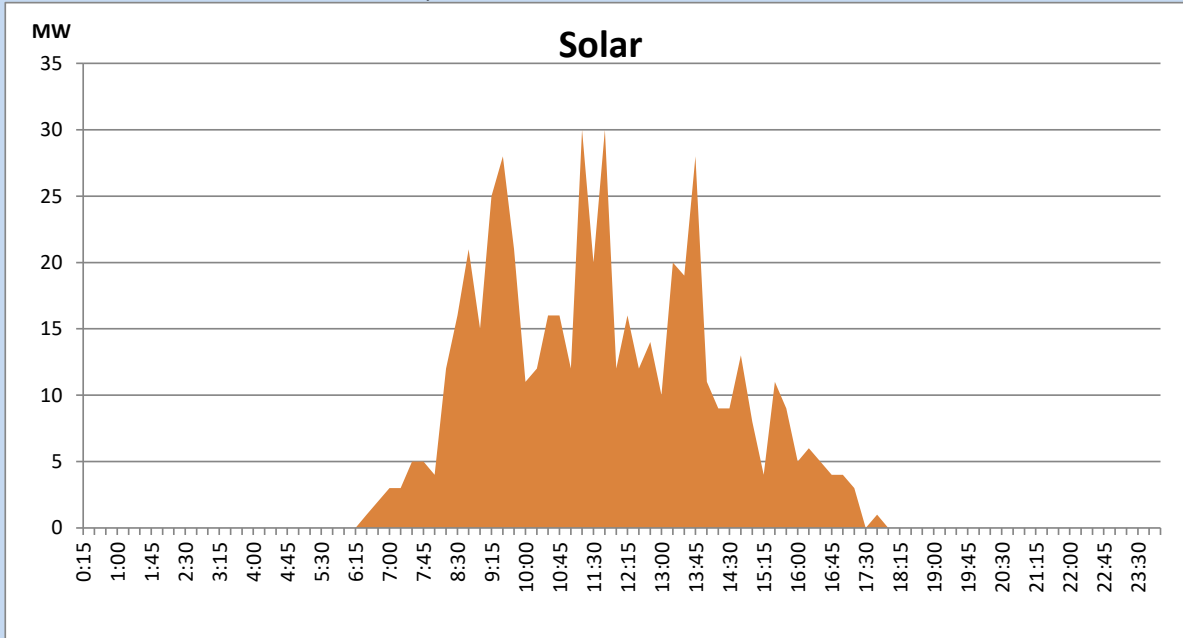
Based on Telemetered Power Stations only



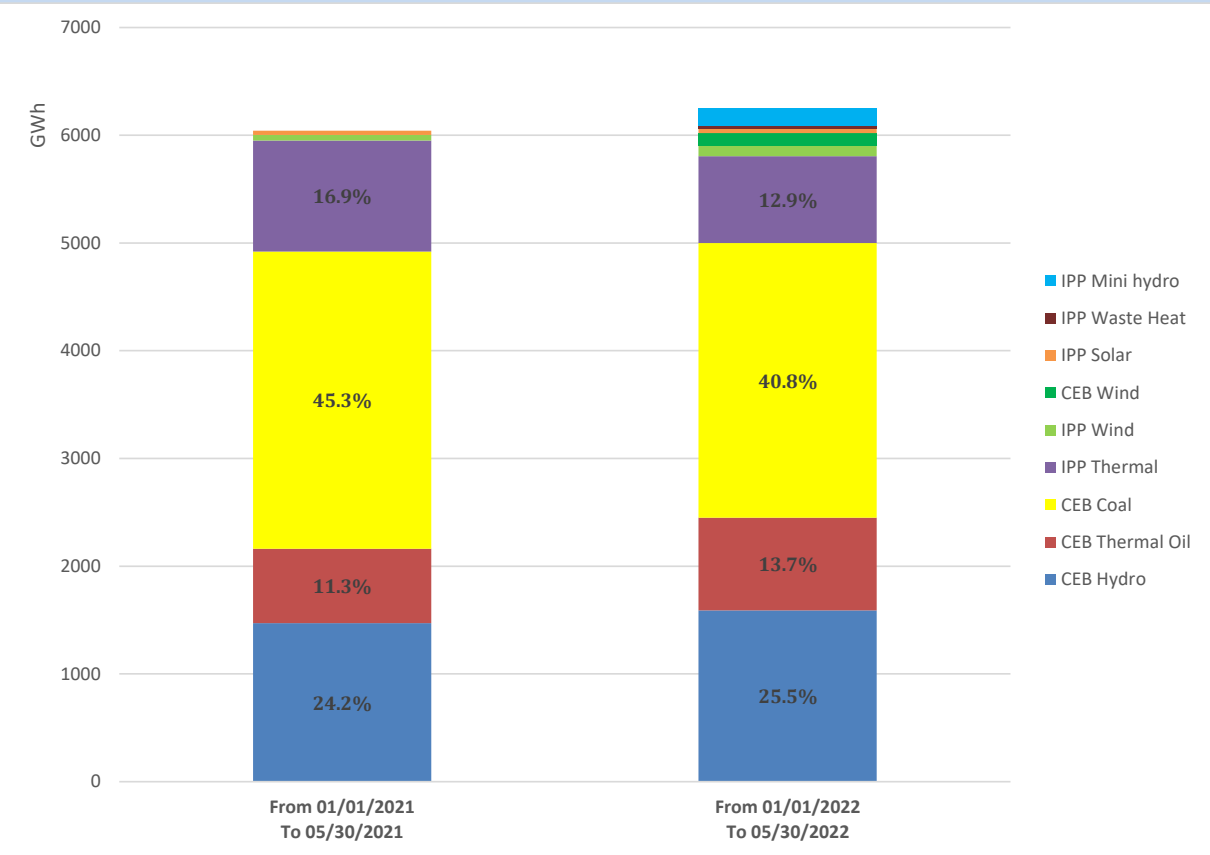
Solar Generation during the Previous day

May 29, 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

May 31, 2022

1) Matara 132/33 kV T/F 01 switched off at 1:02 hrs (31/05/2022) due to buchholz alarm.