

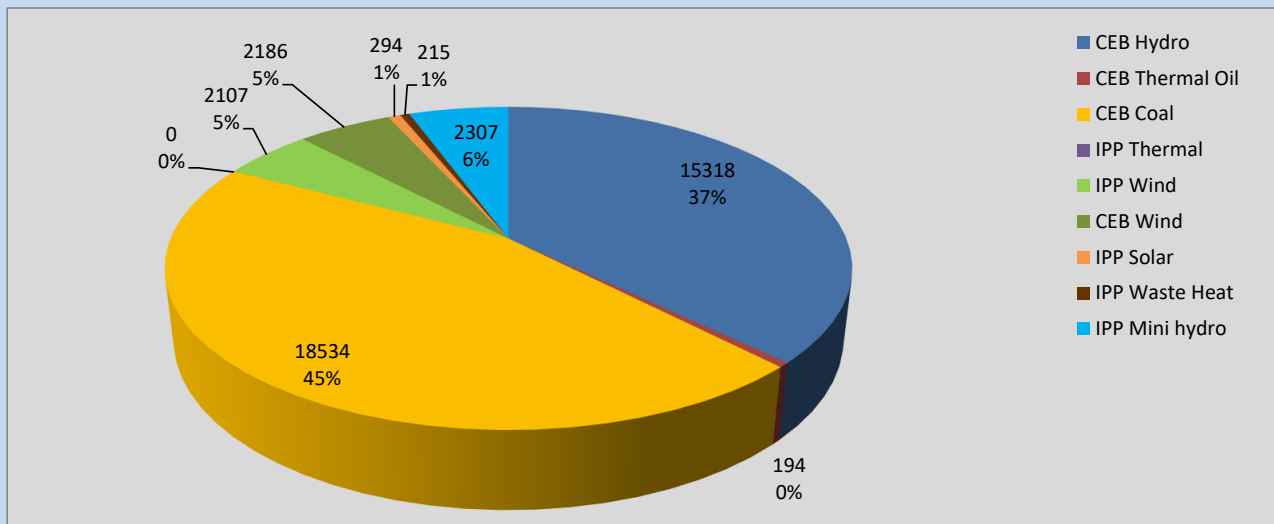
Generation and Reservoirs Statistics

May 28, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **41,155 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

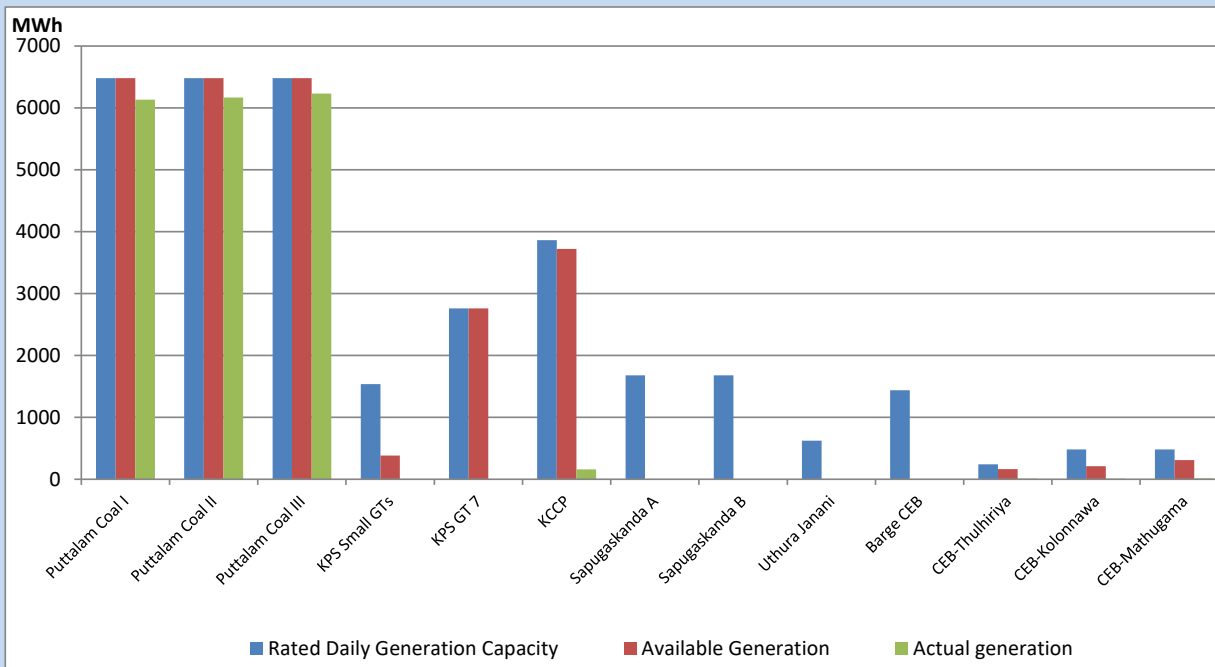
Category	Dispatch (GWh)	
CEB Hydro	412.67	36.90%
CEB Thermal Oil	72.85	6.51%
CEB Coal	395.60	35.37%
IPP Thermal	79.87	7.14%
SPP Wind	43.49	3.89%
CEB Wind	44.80	4.01%
SPP Solar	7.04	0.63%
SPP Solid Waste	7.18	0.64%
Mini Hydro	54.85	4.90%
Total	1,118.35	

For Current Year

Category	Dispatch (GWh)	
CEB Hydro	1,561.0	25.28%
CEB Thermal Oil	858.4	13.90%
CEB Coal	2,515.9	40.75%
IPP Thermal	808.1	13.09%
SPP Wind	94.5	1.53%
CEB Wind	110.5	1.79%
SPP Solar	38.3	0.62%
SPP Solid Waste	31.0	0.50%
Mini Hydro	156.9	2.54%
Total	6,174.3	

CEB owned Thermal Plant Dispatch

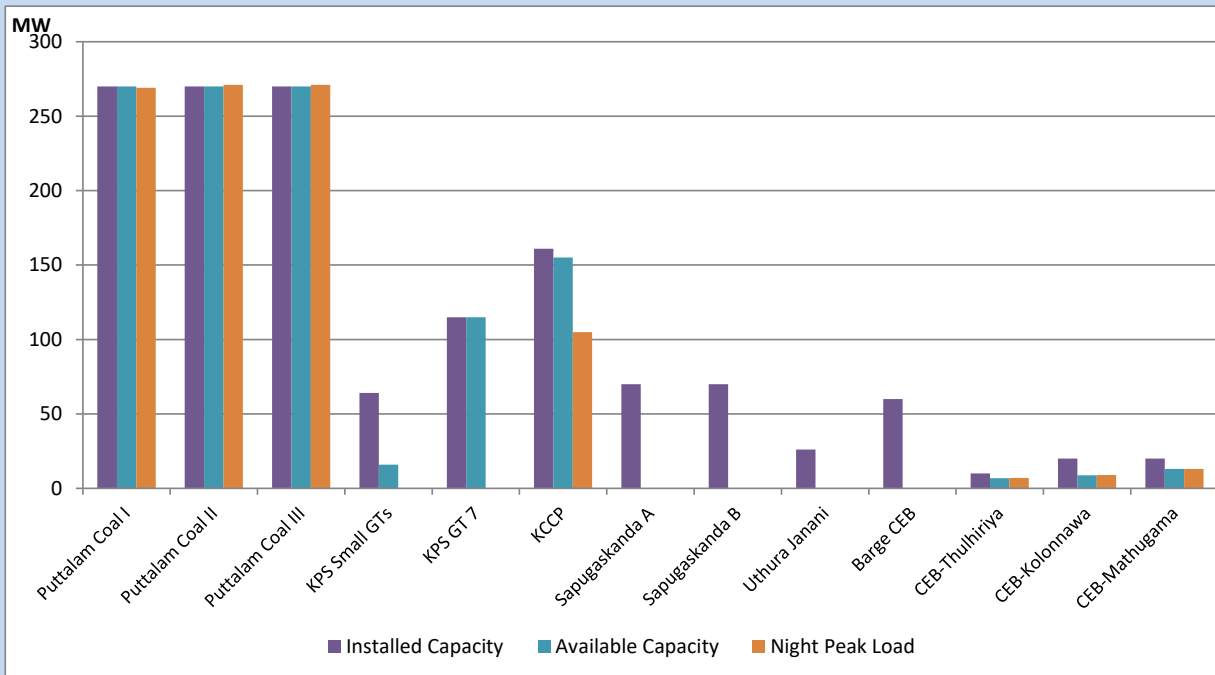
May 28, 2022



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

May 29, 2022

CEB owned Thermal Plant Loading at the Night Peak



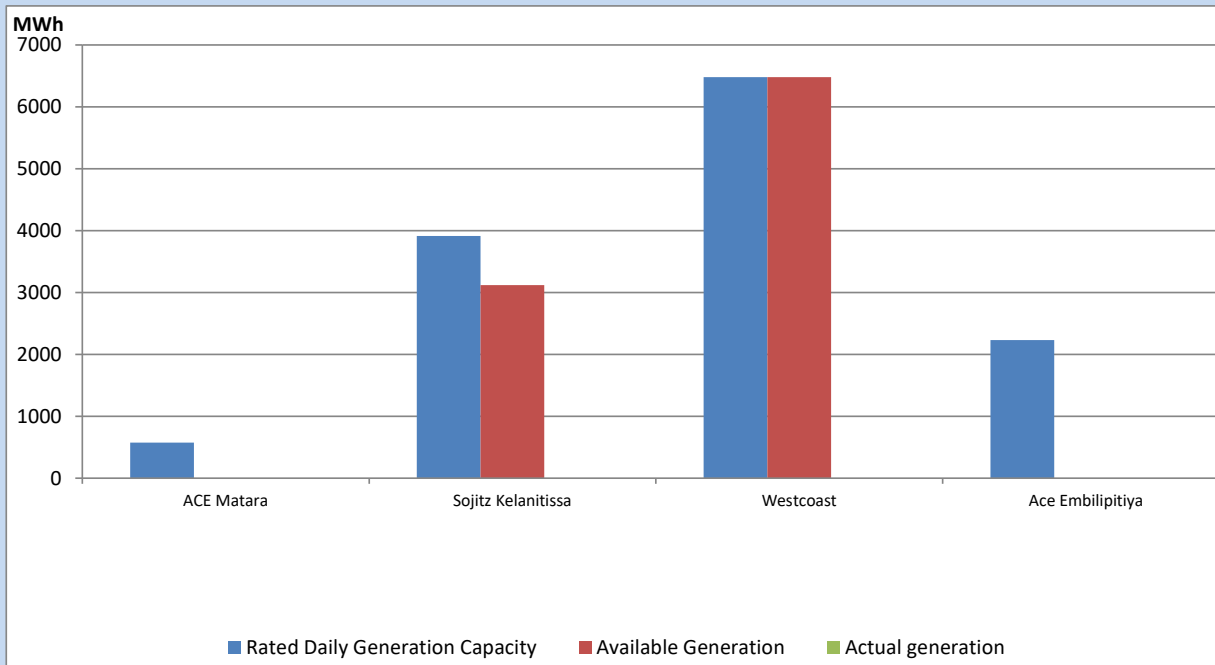
Note- Plant availability is recorded at 6.00 am on

May 29, 2022

IPP owned Thermal Plant Dispatch

May 28, 2022

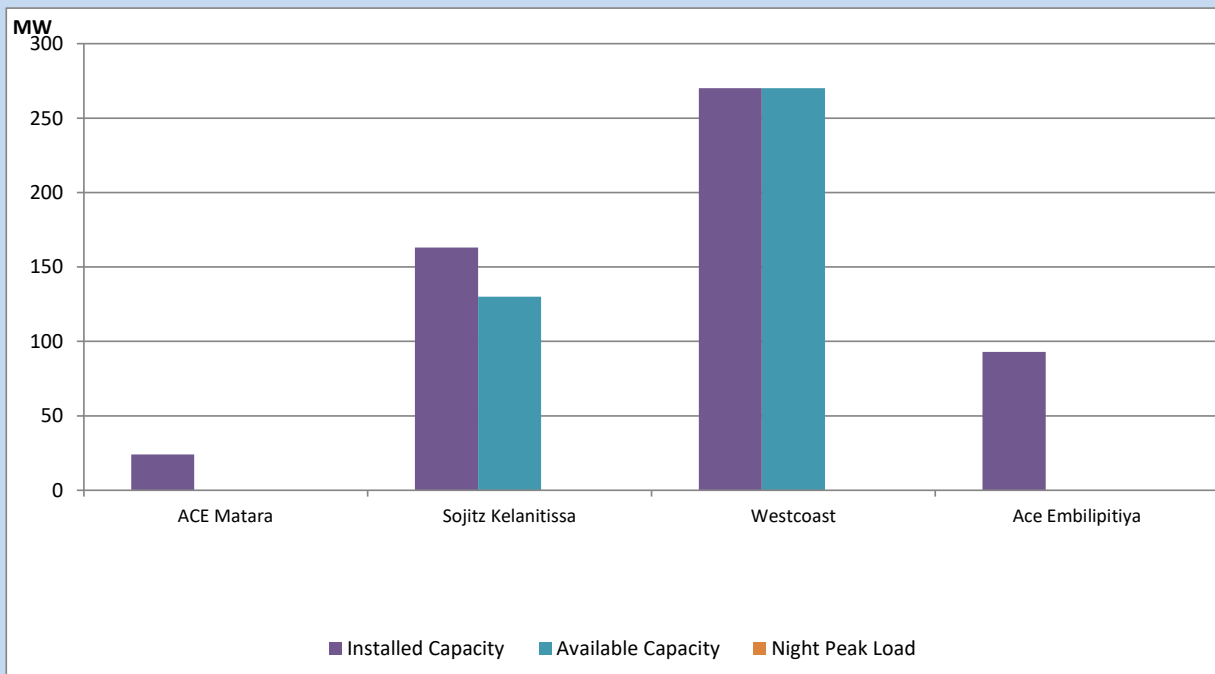
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

May 29, 2022

IPP owned Thermal Plant Loading at the Night Peak

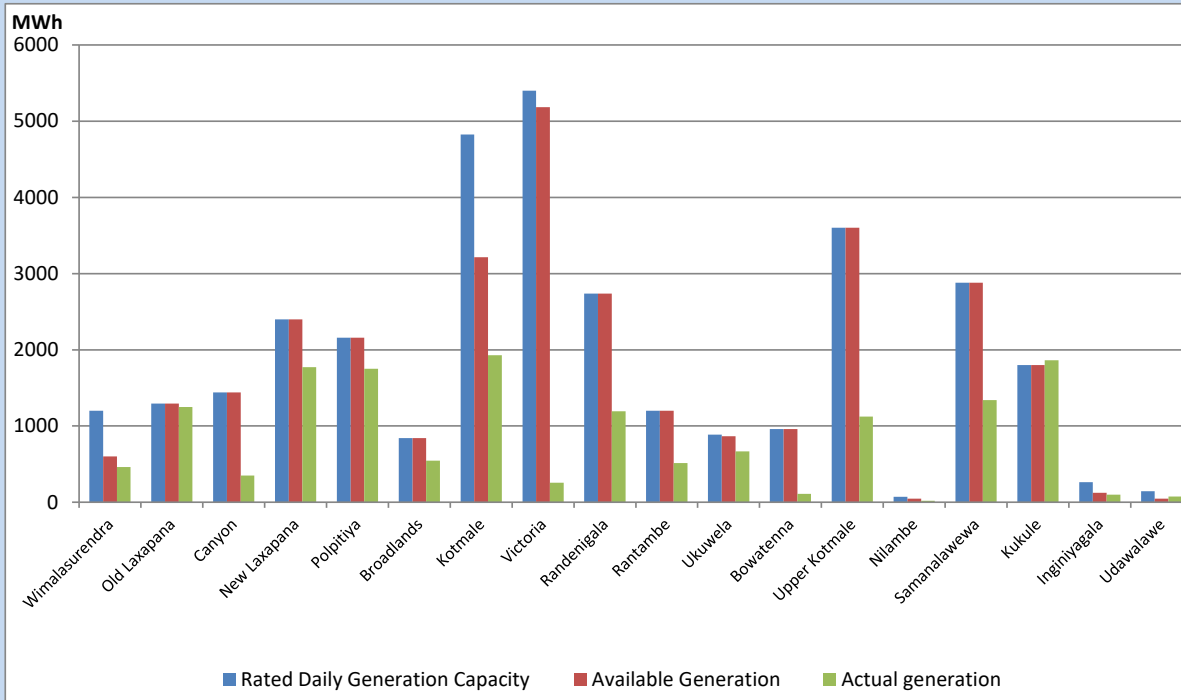


Note- Plant availability is recorded at 6.00 am on

May 29, 2022

Major Hydro Plant Dispatch

May 28, 2022

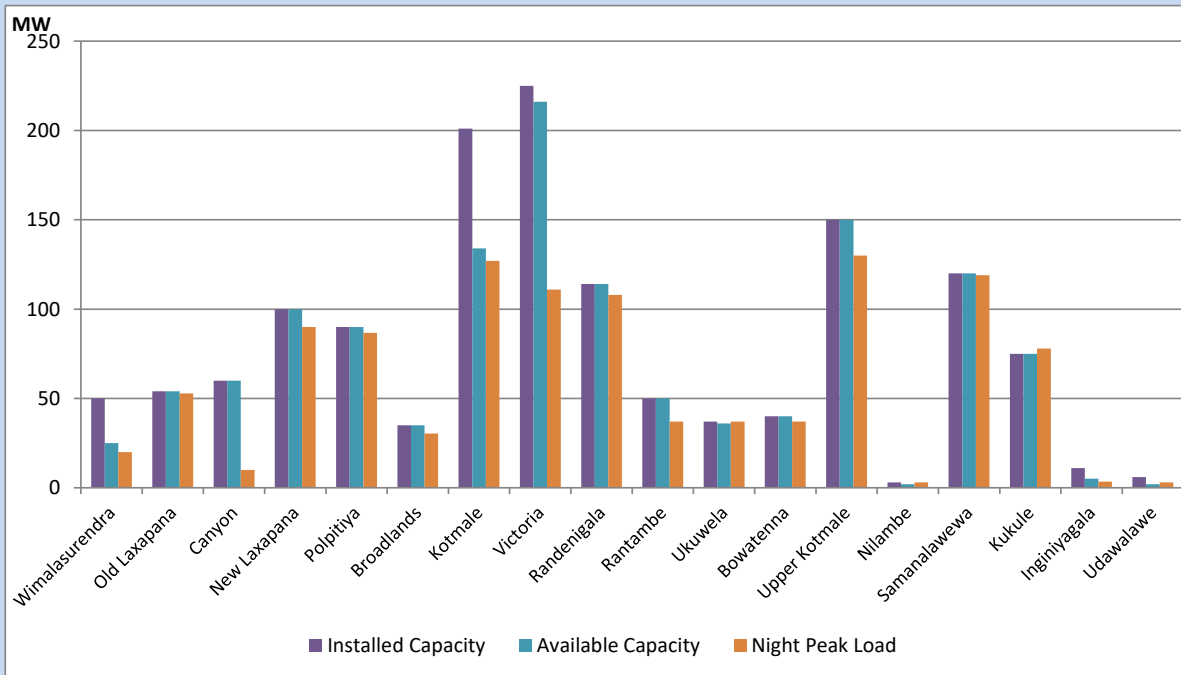


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

May 29, 2022

Major Hydro Plant Loading at Night Peak

May 28, 2022



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

May 29, 2022

Summary of Major Plant performance

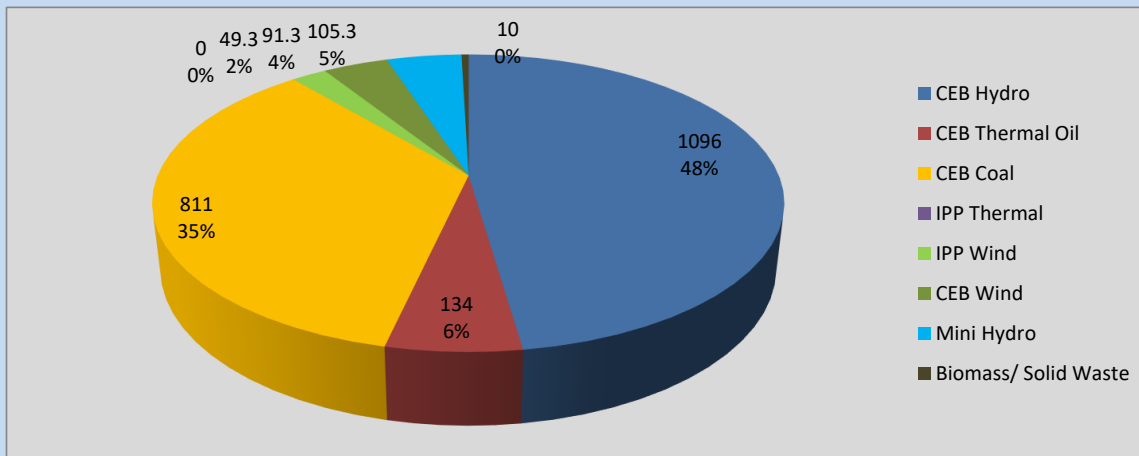
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	20	461
Old Laxapana	54	54	53	1,250
Canyon	60	60	10	350
New Laxapana	100	100	90	1,772
Polpitiya	90	90	87	1,751
Broadlands	35	35	30	545
Kotmale	201	134	127	1,930
Victoria	225	216	111	256
Randenigala	114	114	108	1,193
Rantambe	50	50	37	512
Ukuwela	37	36	37	667
Bowatenna	40	40	37	111
Upper Kotmale	150	150	130	1,125
Nilambe	3	2	3	20
Samanalawewa	120	120	119	1,338
Kukule	75	75	78	1,864
Inginiyagala	11	5	3	100
Udawalawe	6	2	3	73
Puttalam Coal I	270	270	269	6,135
Puttalam Coal II	270	270	271	6,168
Puttalam Coal III	270	270	271	6,231
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	105	161
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	7	8
CEB-Kolonnawa	20	9	9	10
CEB-Mathugama	20	13	13	15
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	130	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	2,833	2,284	41,155

Plant availability is the availability recorded at 6 am on

May 29, 2022

Contribution to the Night Peak in MW

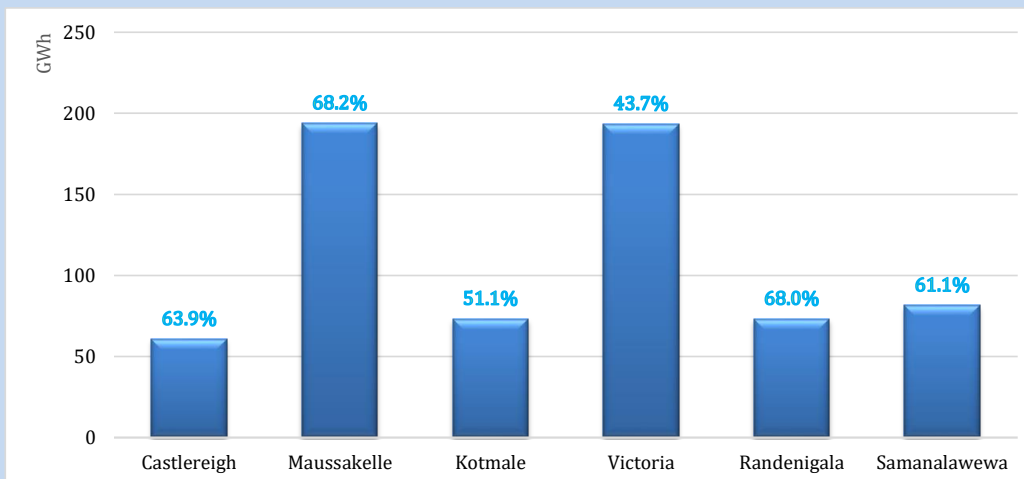
May 28, 2022



Night Peak*	2,297.0 MW
Day Peak	1,790.9 MW
Minimum Demand	1,236.3 MW

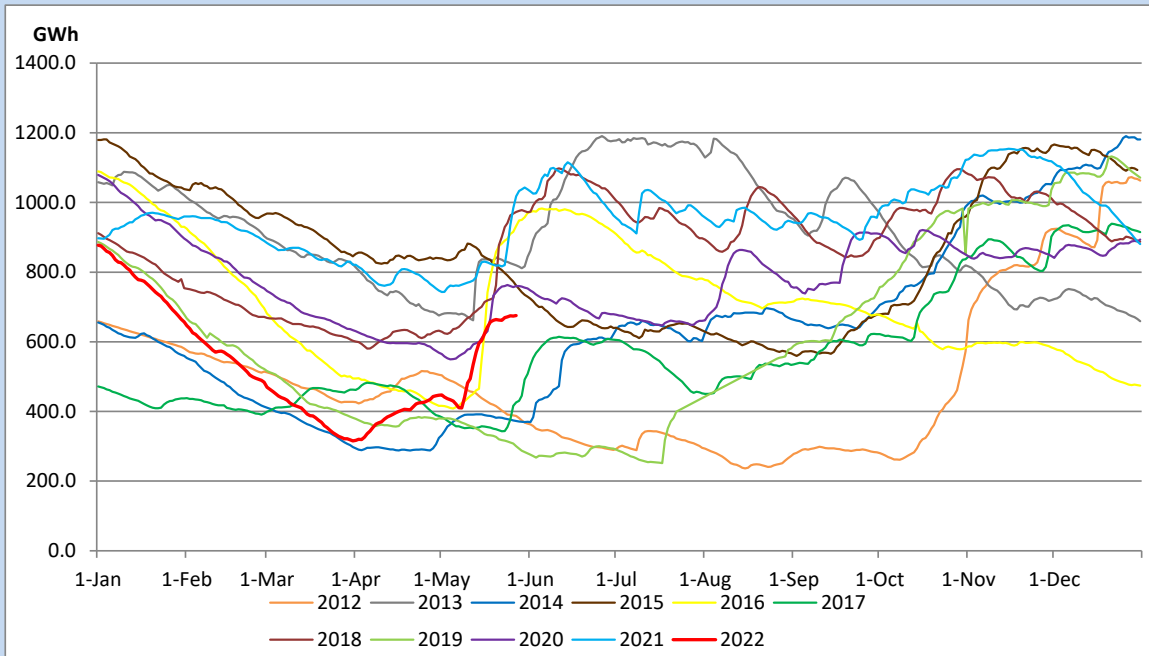
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on May 29, 2022

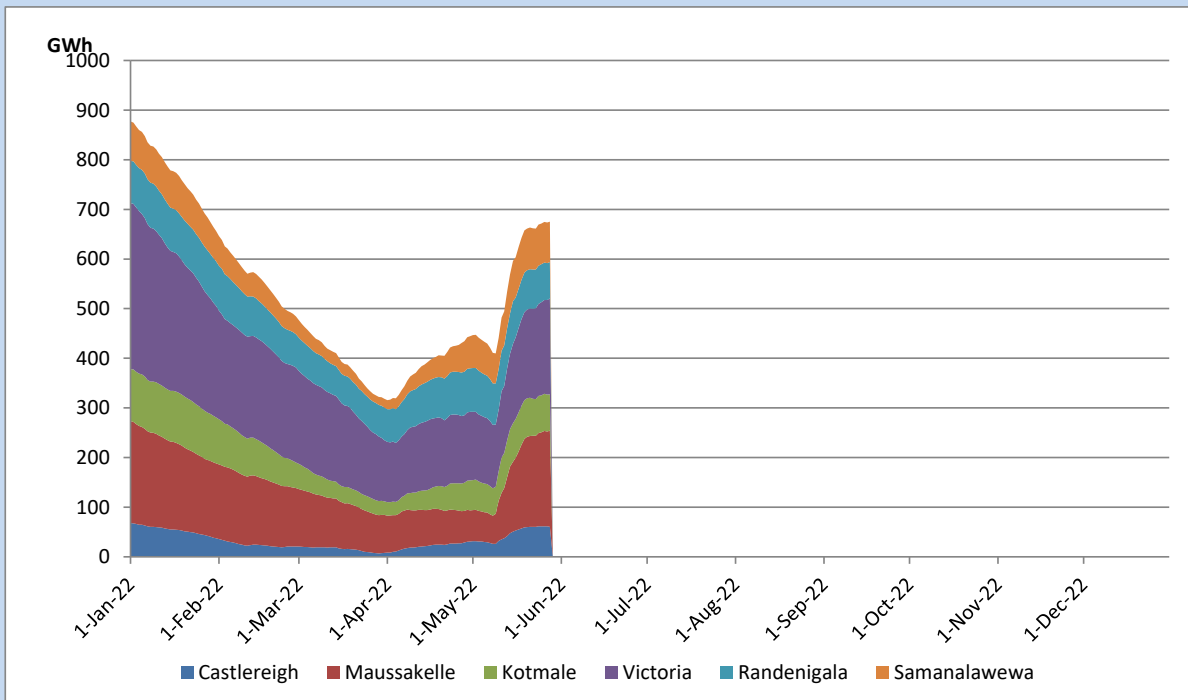


Total Reservoir Level	675.2 GWh
% of Total capacity	56.0%

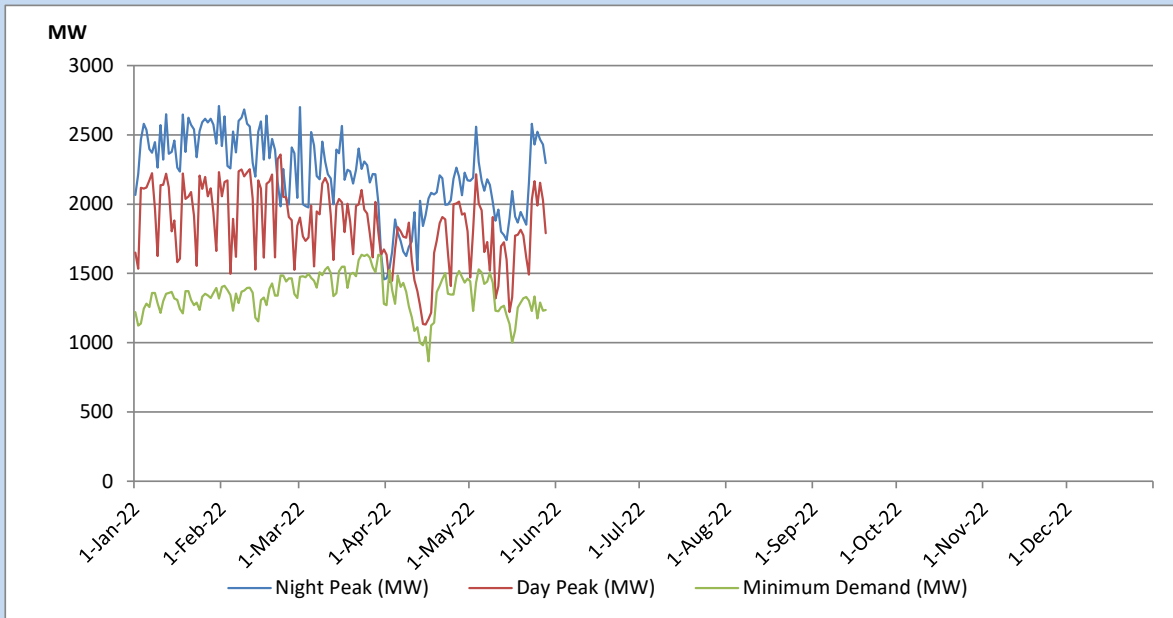
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

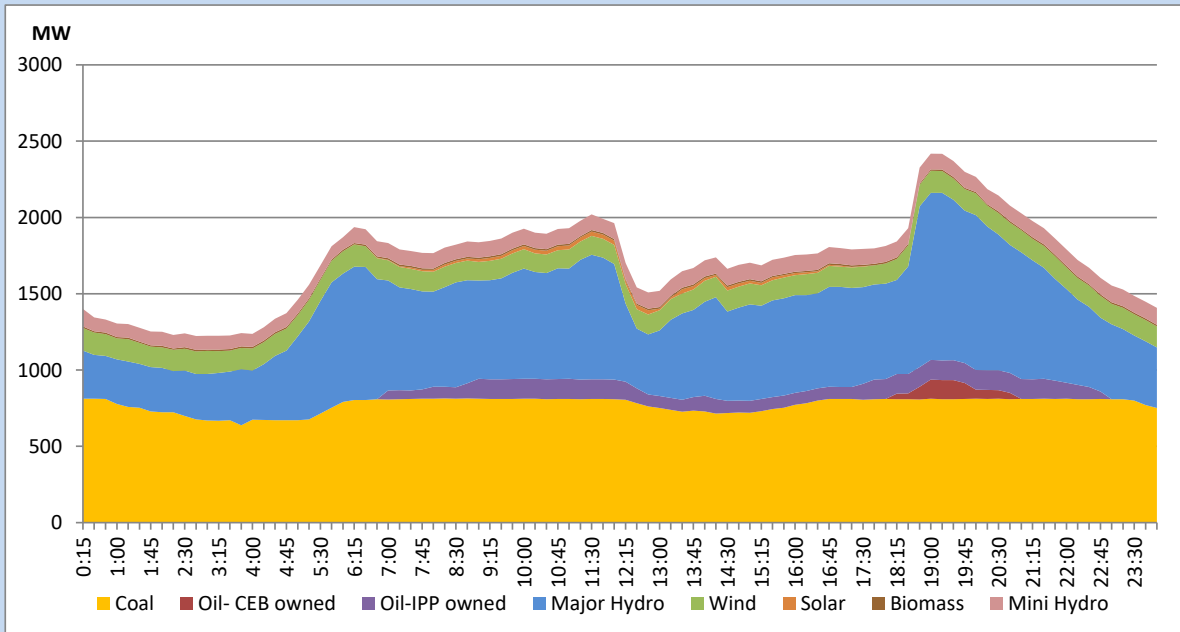


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

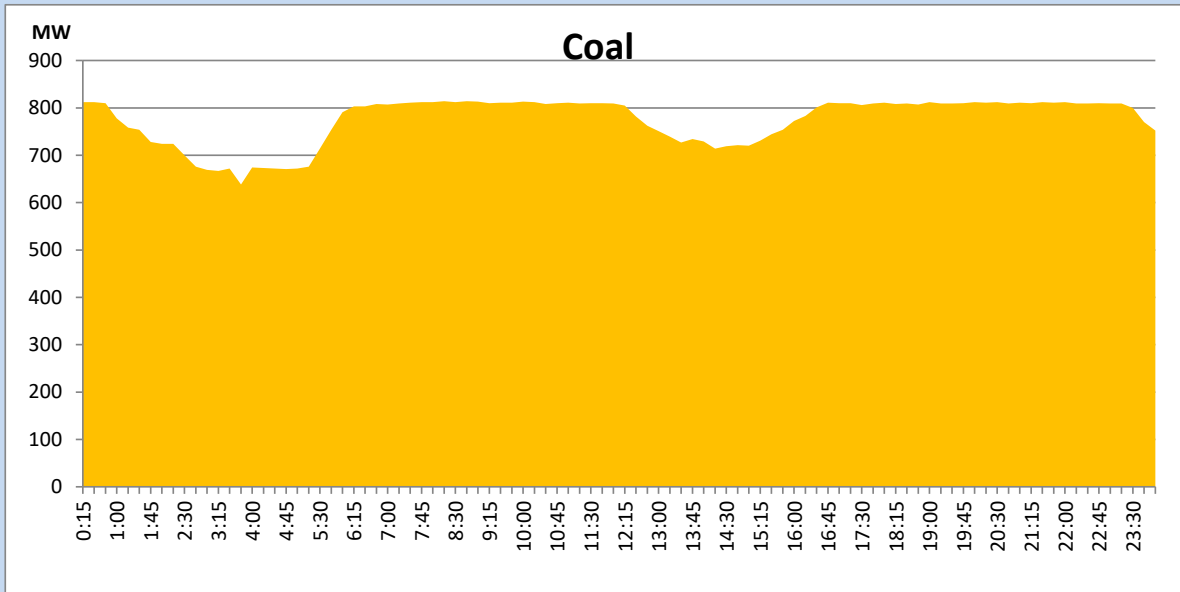
May 27, 2022

Solar and wind data is based on Telemetered Power Stations only



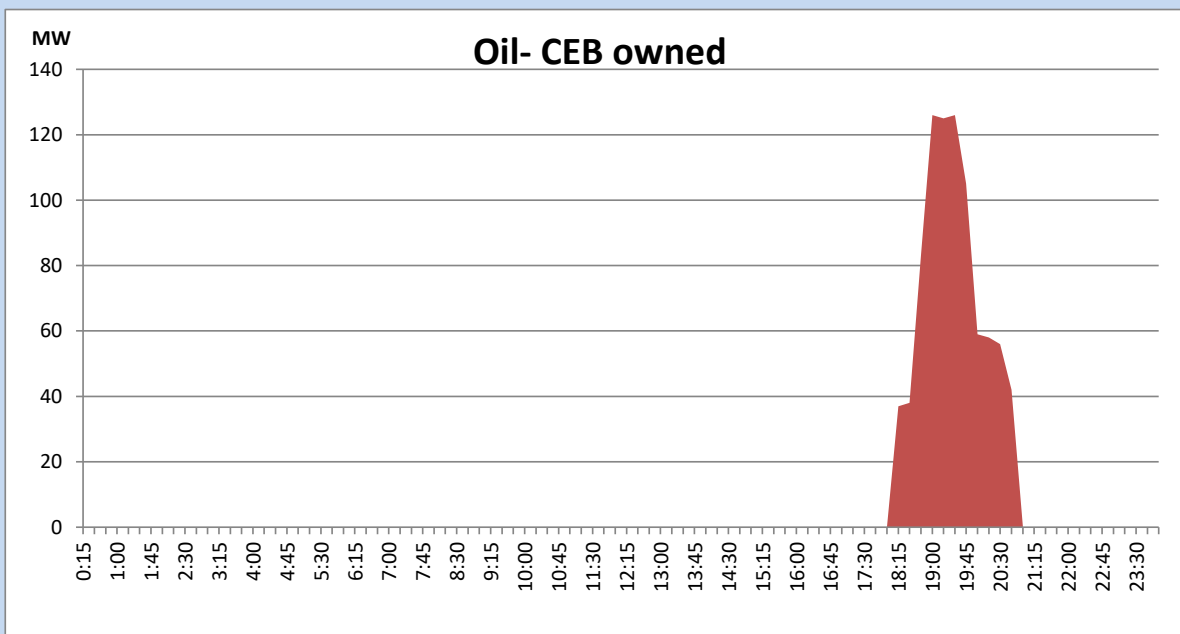
Coal Generation during the Previous day

May 27, 2022



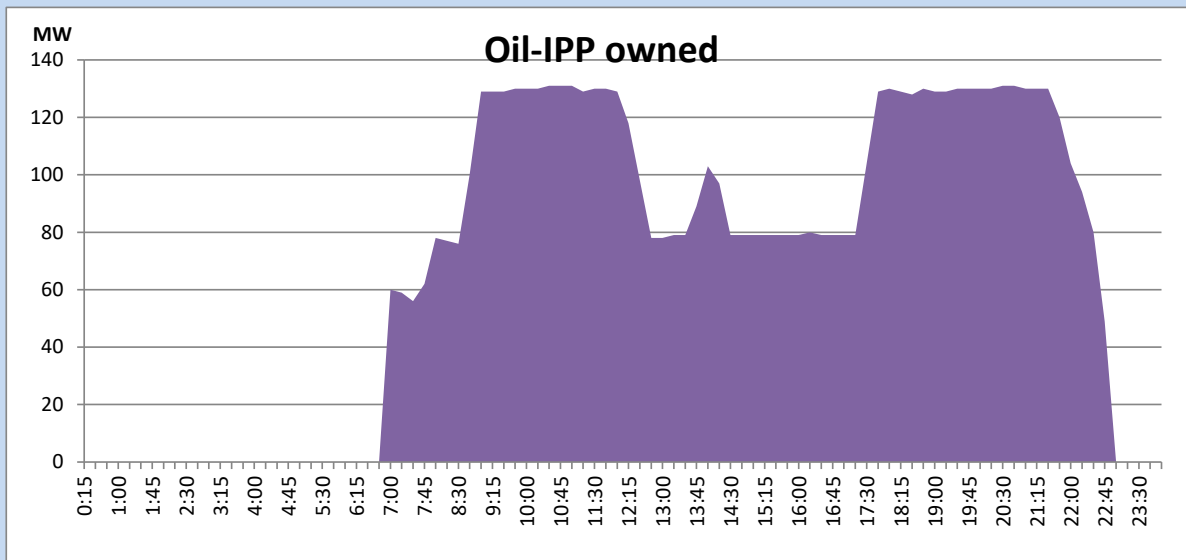
CEB Oil Plant Generation during the Previous day

May 27, 2022



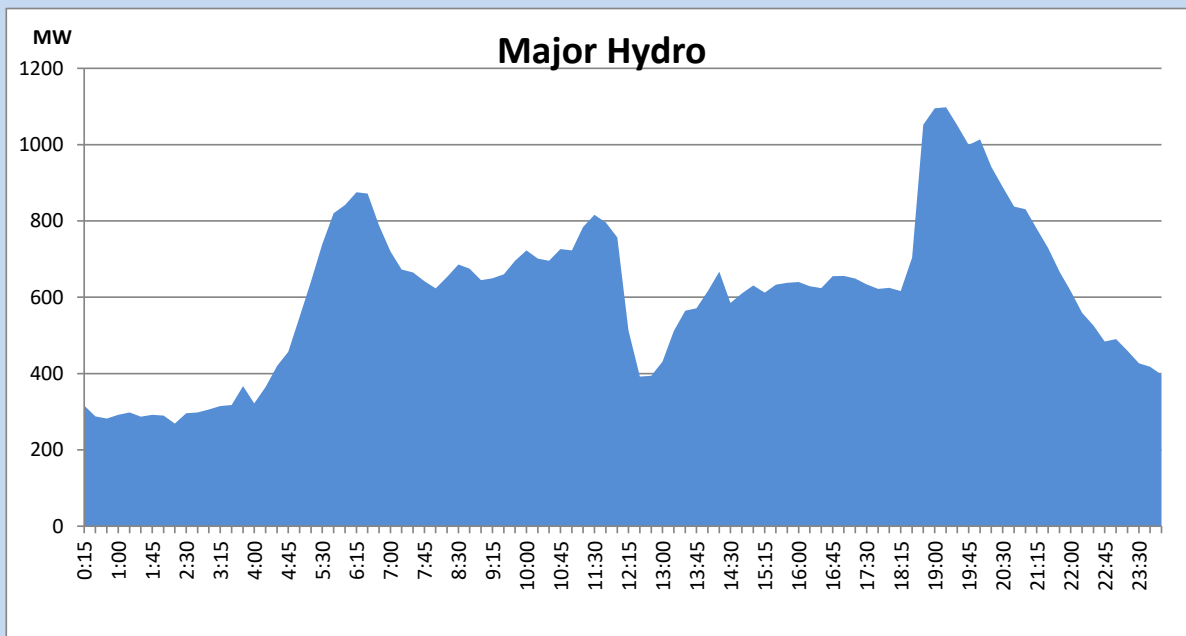
IPP Oil Plant Generation during the Previous day

May 27, 2022



Major Hydro Generation during the Previous day

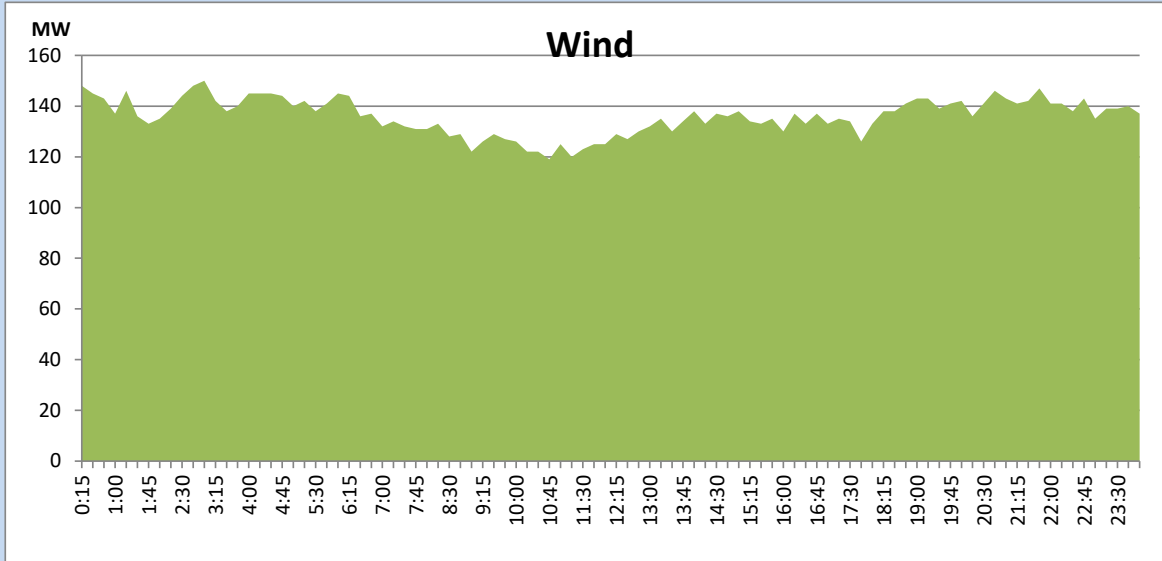
May 27, 2022



Wind Generation during the Previous day

May 27, 2022

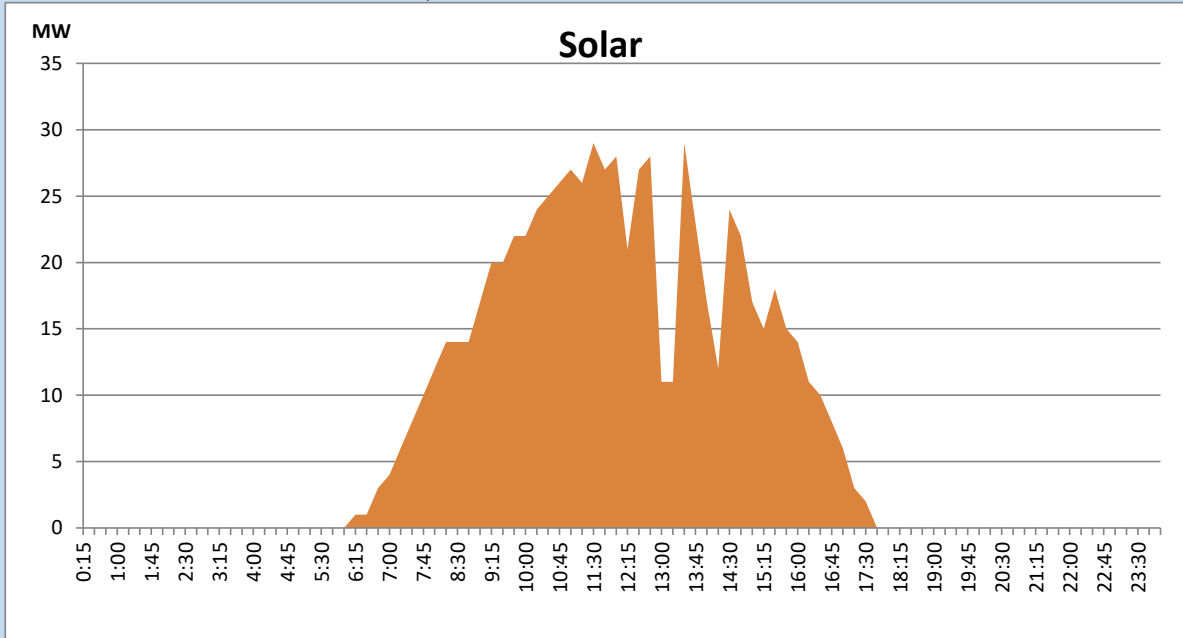
Based on Telemetered Power Stations only



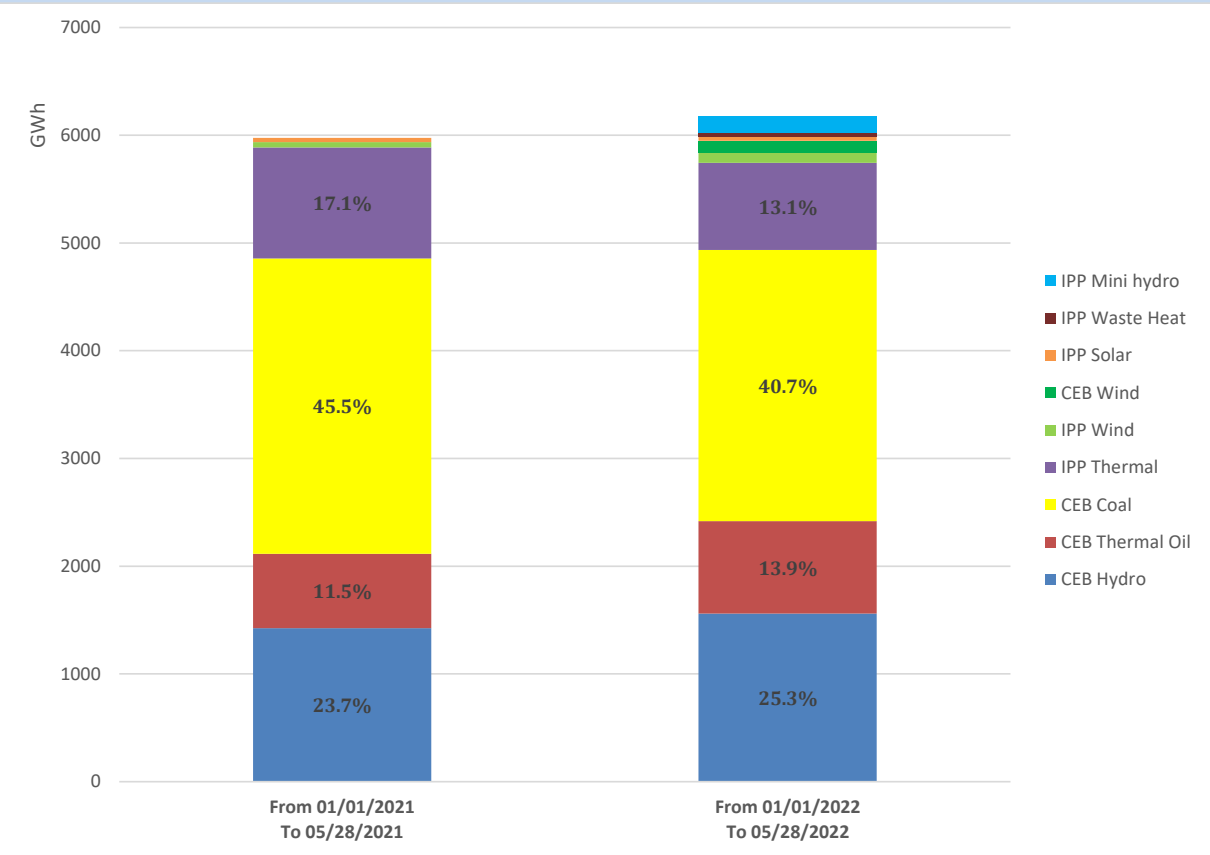
Solar Generation during the Previous day

May 27, 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 29, 2022

- 1) Kolonnawa 132kV/33kV T/F 04 tripped at 6:47 hrs due to operation of restricted earth fault protection. The T/F is yet to normalize.