

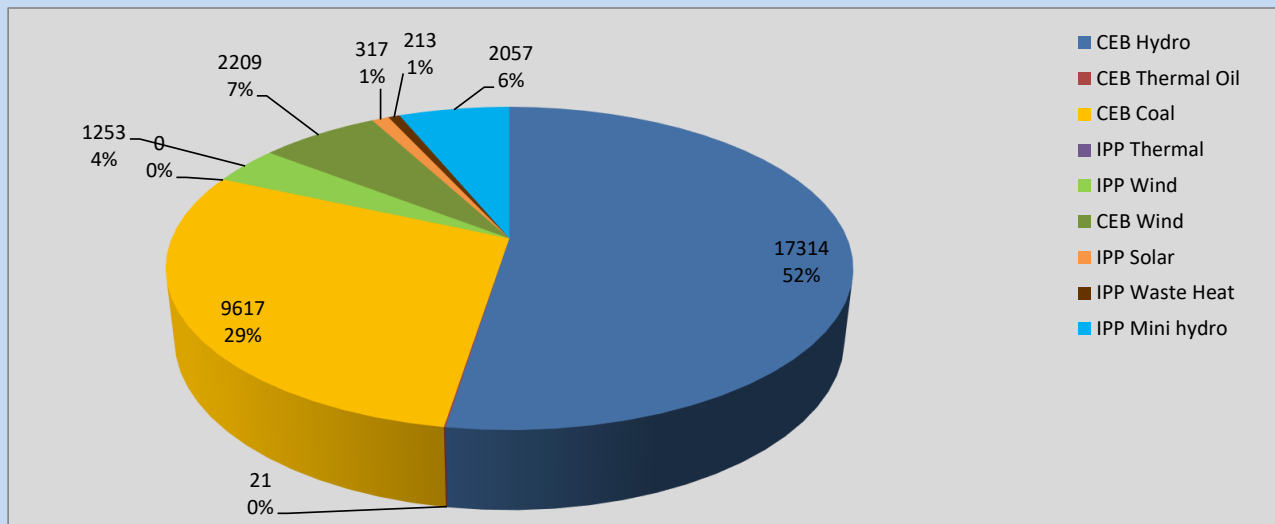
Generation and Reservoirs Statistics

September 4, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **33,001 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

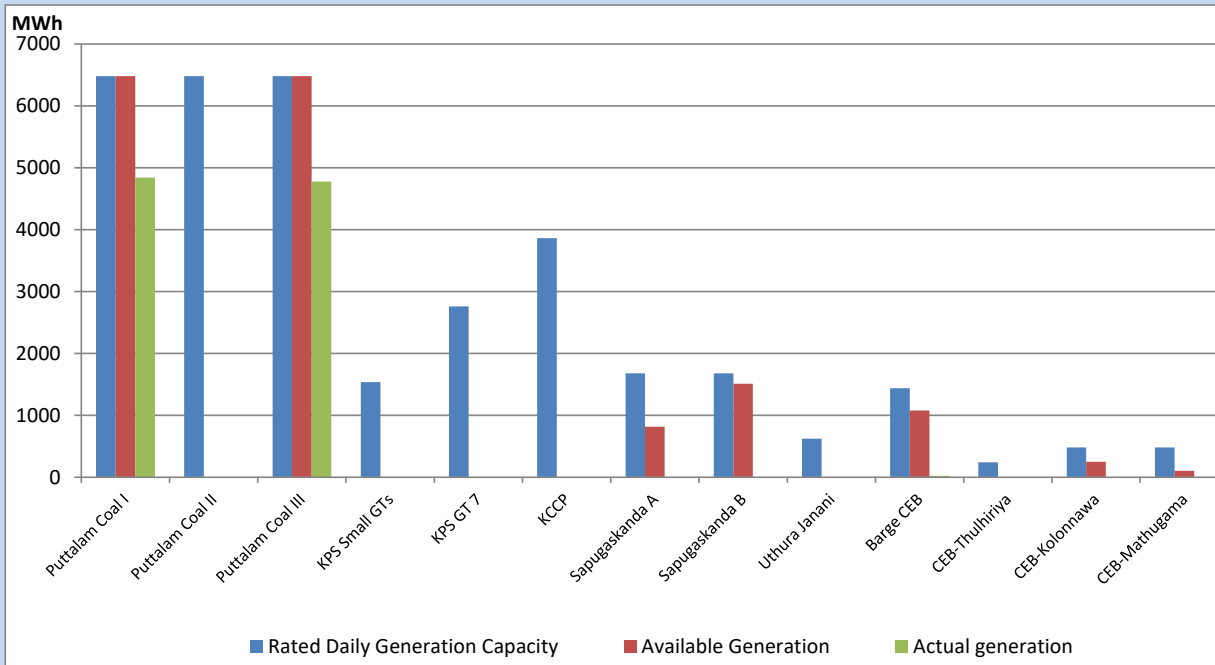
Category	Dispatch (GWh)	Percentage
CEB Hydro	77.76	53.47%
CEB Thermal Oil	0.87	0.60%
CEB Coal	42.70	29.36%
IPP Thermal	0.00	0.00%
SPP Wind	5.49	3.78%
CEB Wind	8.12	5.58%
SPP Solar	1.09	0.75%
SPP Solid Waste	0.94	0.65%
Mini Hydro	8.46	5.82%
Total	145.43	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	3,211.5	32.02%
CEB Thermal Oil	1,113.2	11.10%
CEB Coal	3,755.8	37.45%
IPP Thermal	1,026.9	10.24%
SPP Wind	236.3	2.36%
CEB Wind	254.2	2.53%
SPP Solar	63.4	0.63%
SPP Solid Waste	50.1	0.50%
Mini Hydro	318.5	3.18%
Total	10,029.5	

CEB owned Thermal Plant Dispatch

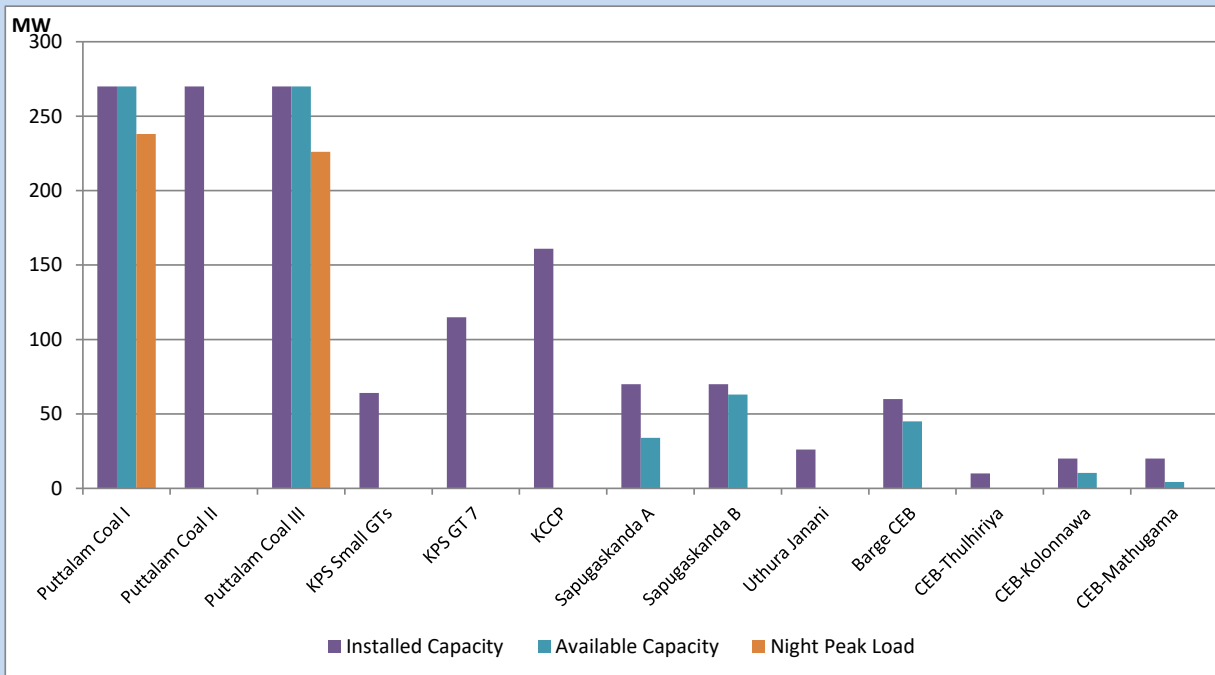
September 4, 2022



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

September 5, 2022

CEB owned Thermal Plant Loading at the Night Peak



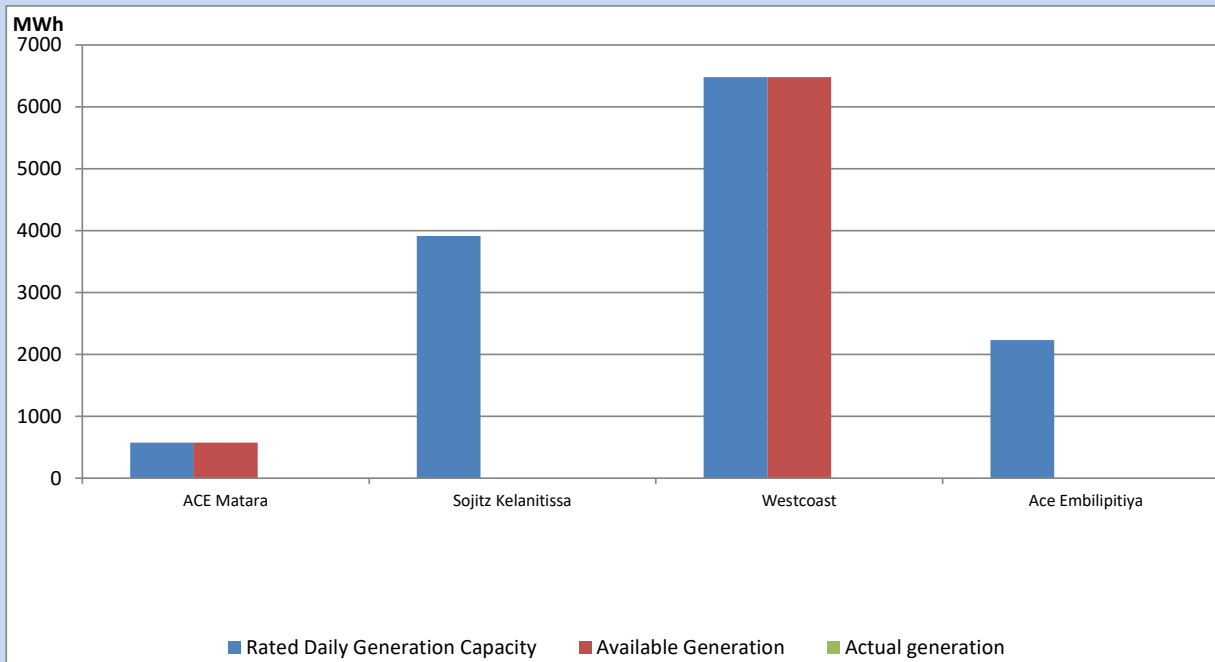
Note- Plant availability is recorded at 6.00 am on

September 5, 2022

IPP owned Thermal Plant Dispatch

September 4, 2022

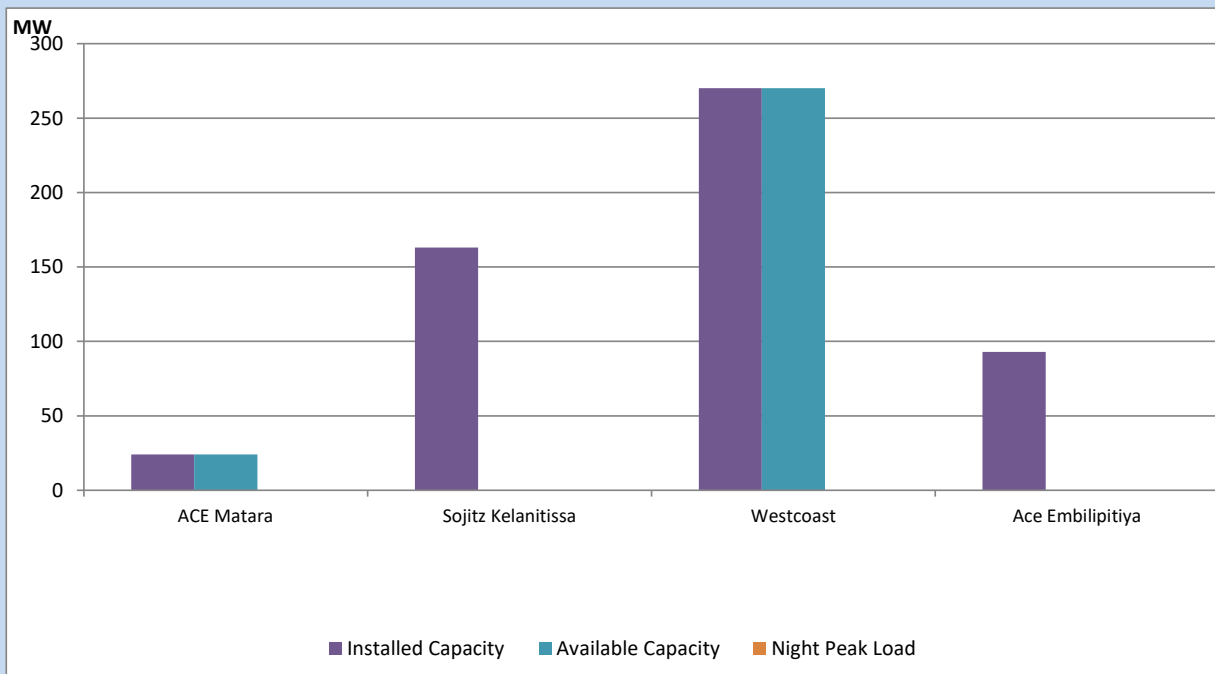
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

September 5, 2022

IPP owned Thermal Plant Loading at the Night Peak

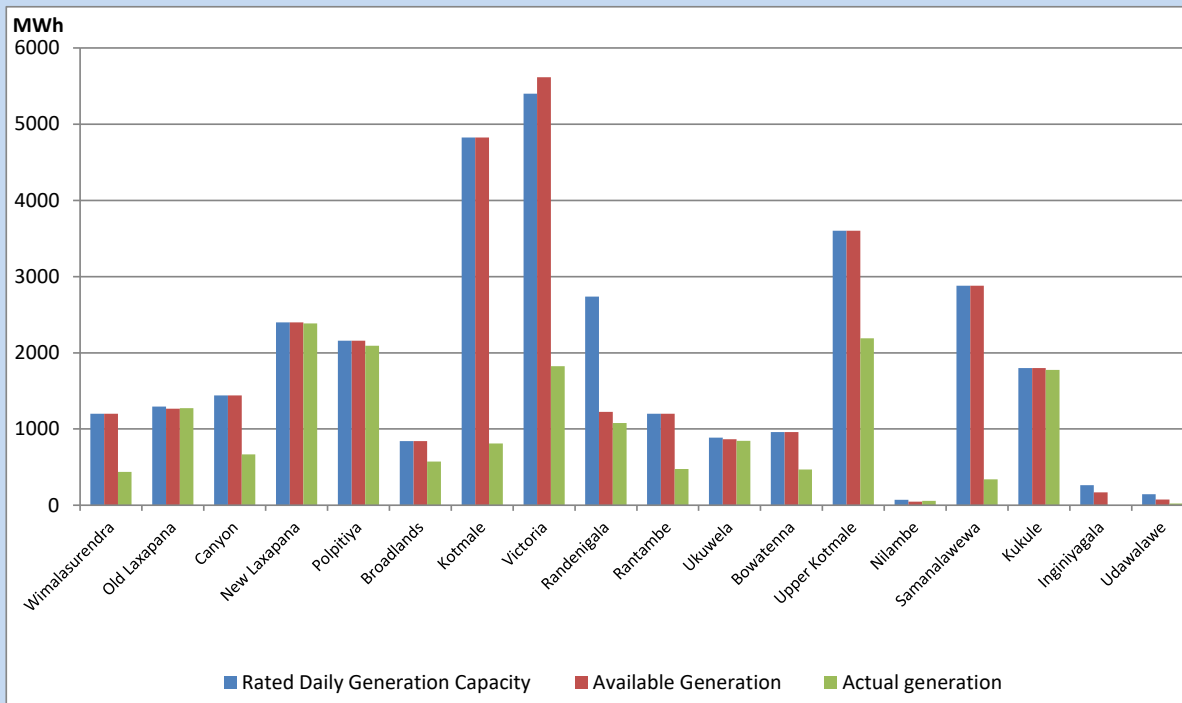


Note- Plant availability is recorded at 6.00 am on

September 5, 2022

Major Hydro Plant Dispatch

September 4, 2022

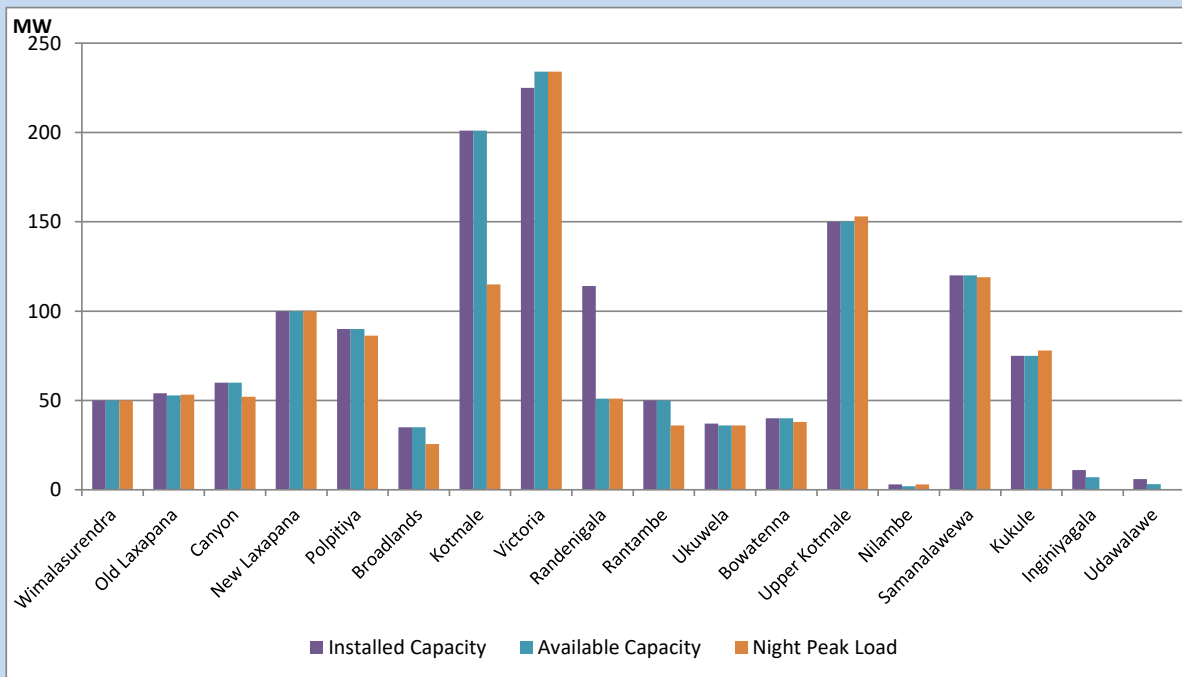


Available Generation is estimated based on plant availability at 6.00am on September 5, 2022
 Broadlands power plant is operating in the Commissioning Stage

September 5, 2022

Major Hydro Plant Loading at Night Peak

September 4, 2022



Note- Plant availability is recorded at 6.00 am on September 5, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

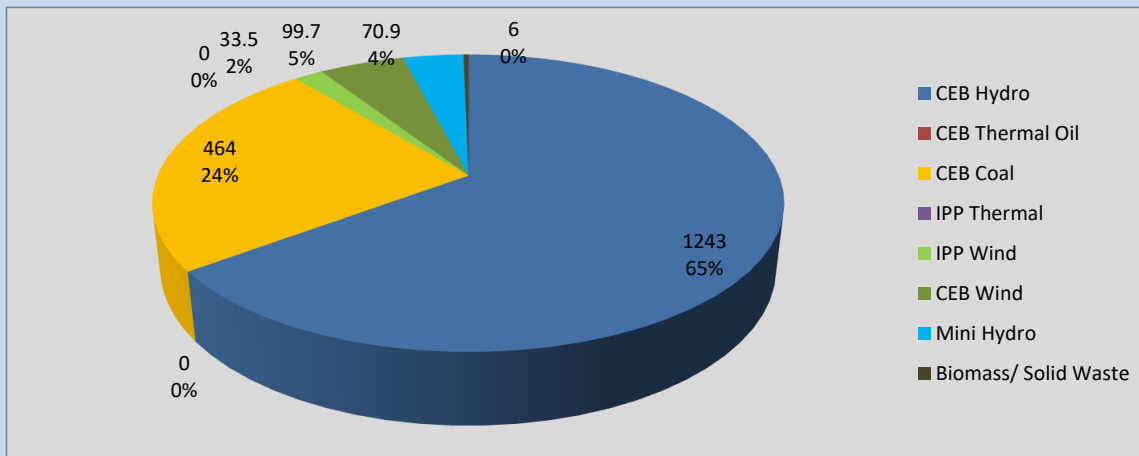
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	50	438
Old Laxapana	54	53	53	1,274
Canyon	60	60	52	667
New Laxapana	100	100	100	2,384
Polpitiya	90	90	86	2,094
Broadlands	35	35	26	572
Kotmale	201	201	115	810
Victoria	225	234	234	1,823
Randenigala	114	51	51	1,077
Rantambe	50	50	36	477
Ukuwela	37	36	36	846
Bowatenna	40	40	38	468
Upper Kotmale	150	150	153	2,190
Nilambe	3	2	3	57
Samanalawewa	120	120	119	338
Kukule	75	75	78	1,777
Inginiyagala	11	7	0	0
Udawalawe	6	3	0	22
Puttalam Coal I	270	270	238	4,841
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	270	226	4,776
KPS Small GTs	64	0	0	0
KPS GT 7	115	0	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	34	0	0
Sapugaskanda B	70	63	0	0
Uthura Janani	26	0	0	0
Barge CEB	60	45	0	21
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	10	0	0
CEB-Mathugama	20	4	0	0
ACE Matara	24	24	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	2,348	1,904	33,001

Plant availability is the availability recorded at 6 am on

September 5, 2022

Contribution to the Night Peak in MW

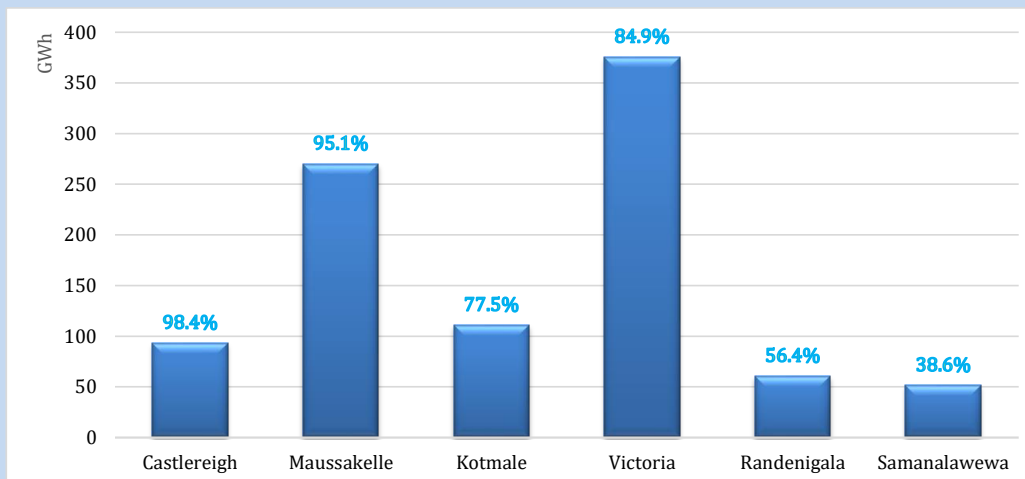
September 4, 2022



Night Peak*	1,917.2 MW
Day Peak	1,403.7 MW
Minimum Demand	1,084.6 MW

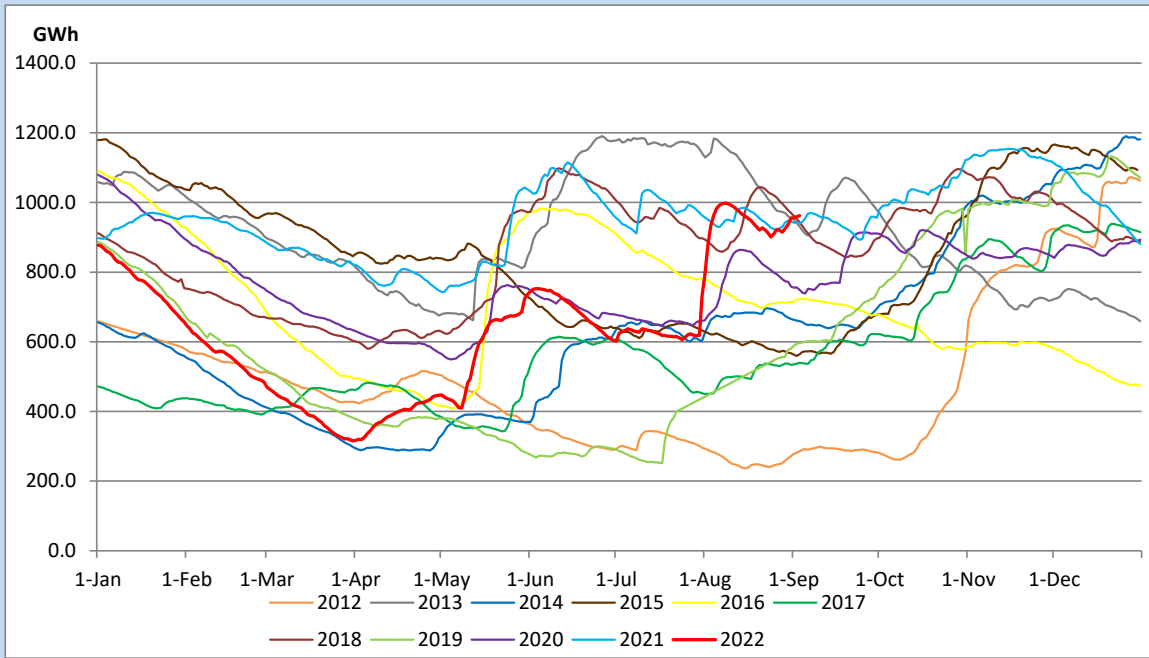
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on September 5, 2022

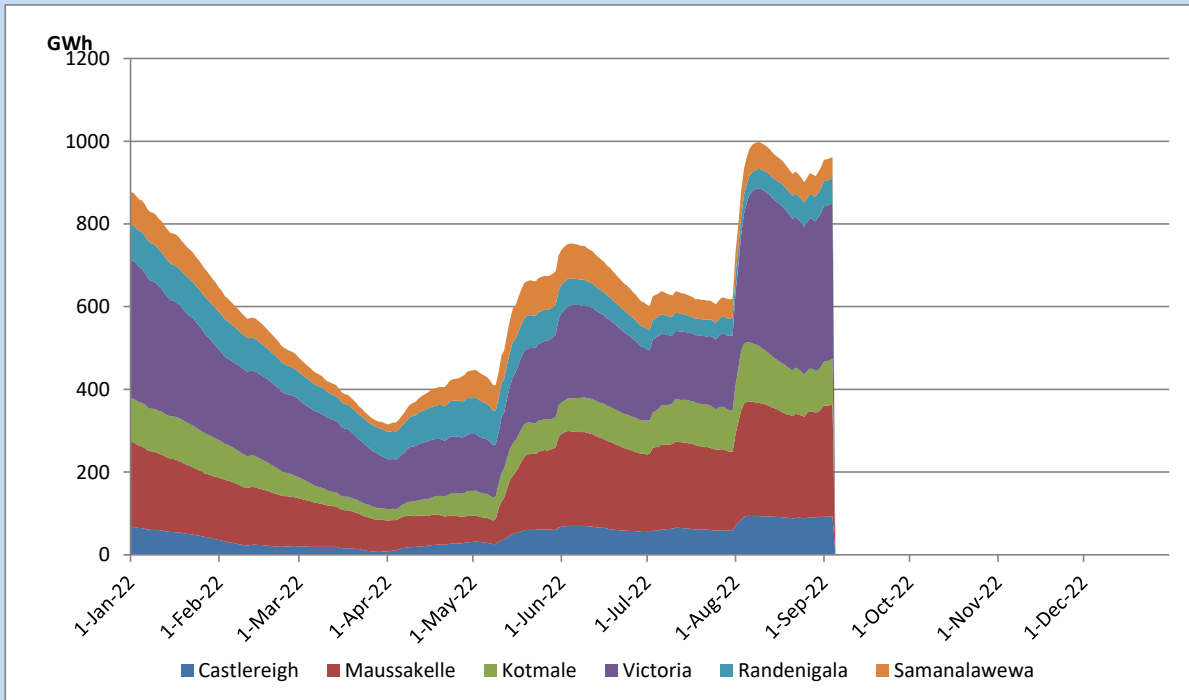


Total Reservoir Level	961.8 GWh
% of Total capacity	79.8%

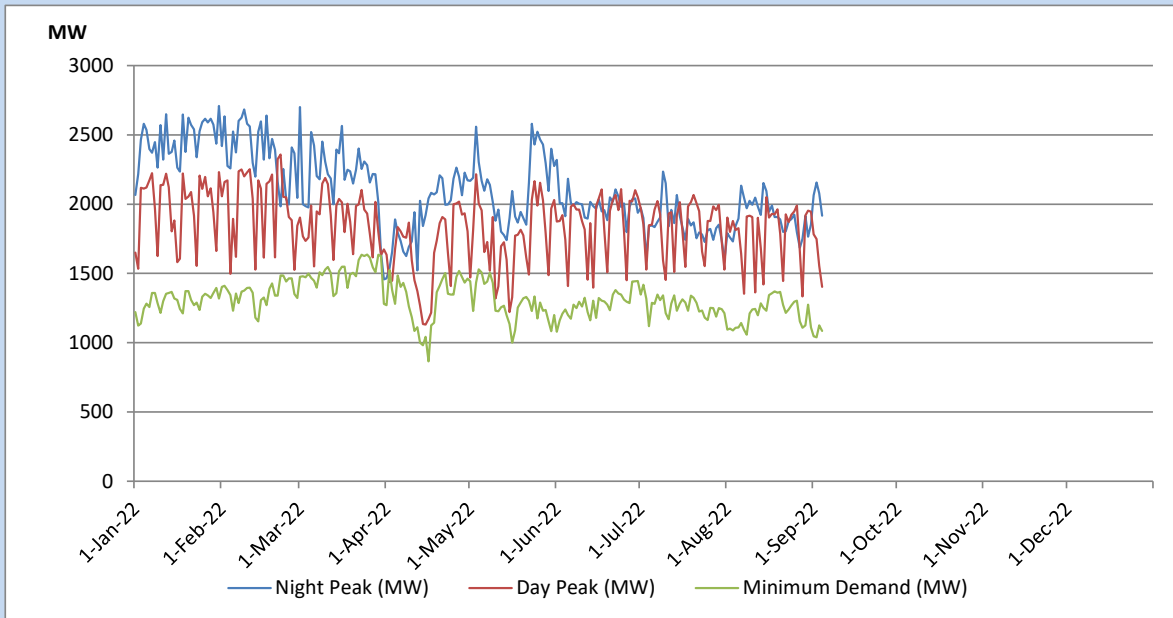
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

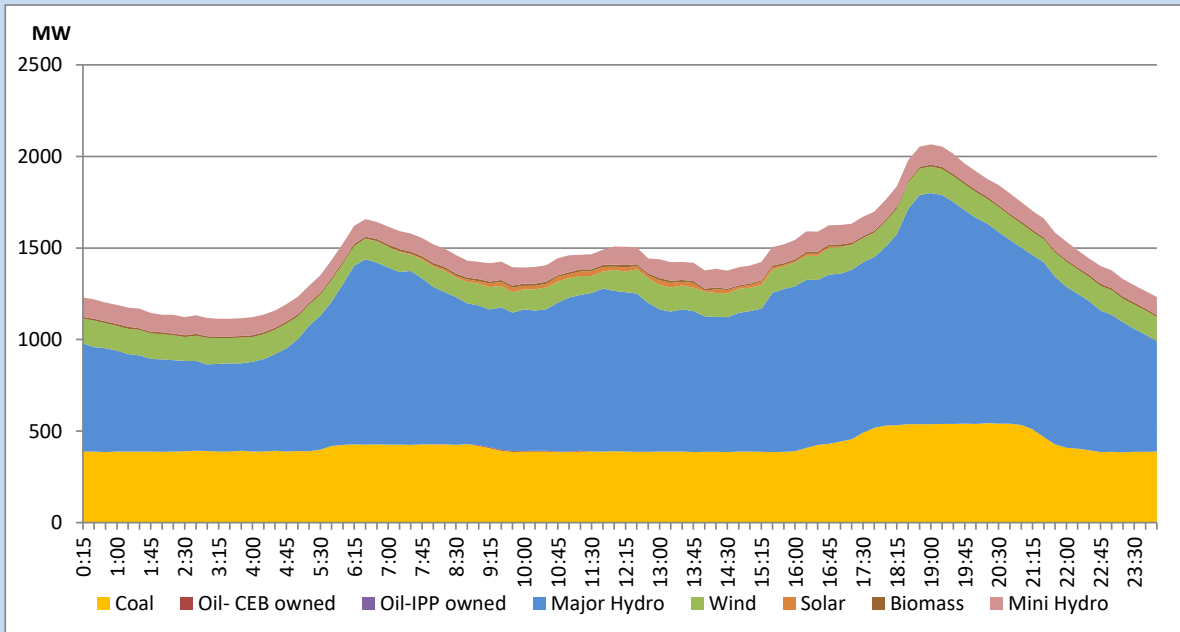


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

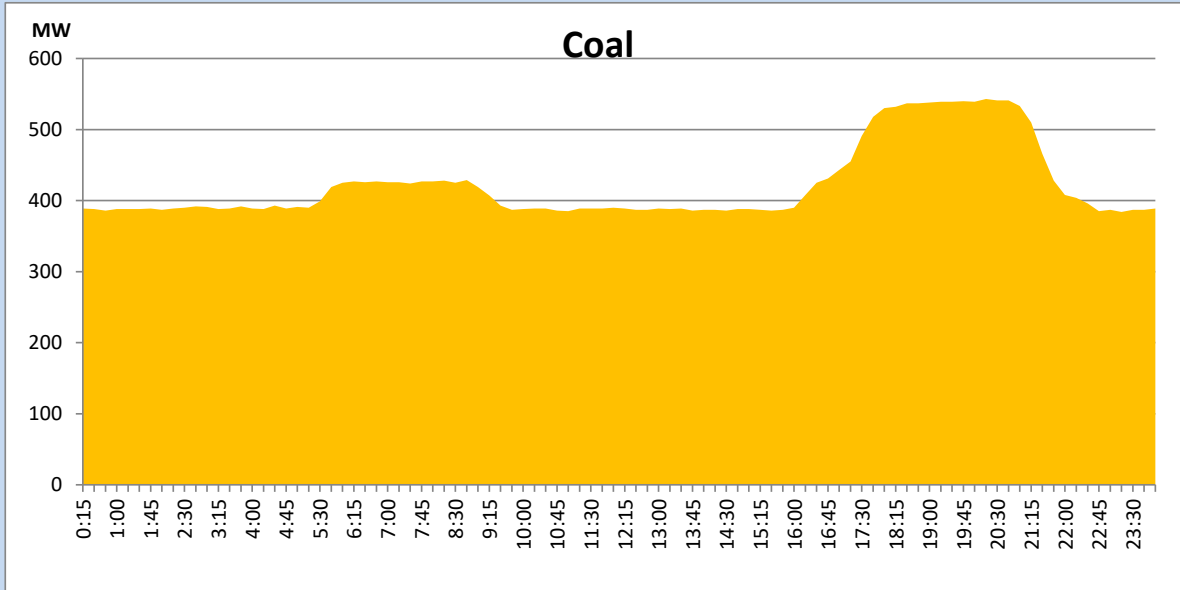
September 3, 2022

Solar and wind data is based on Telemetered Power Stations only



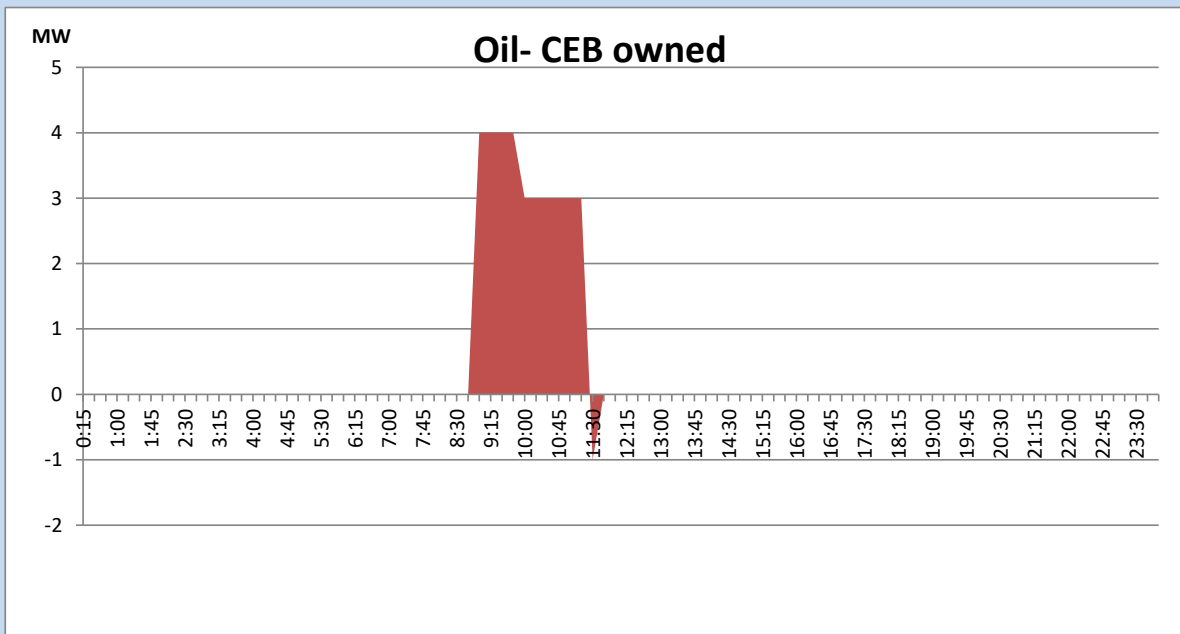
Coal Generation during the Previous day

September 3, 2022



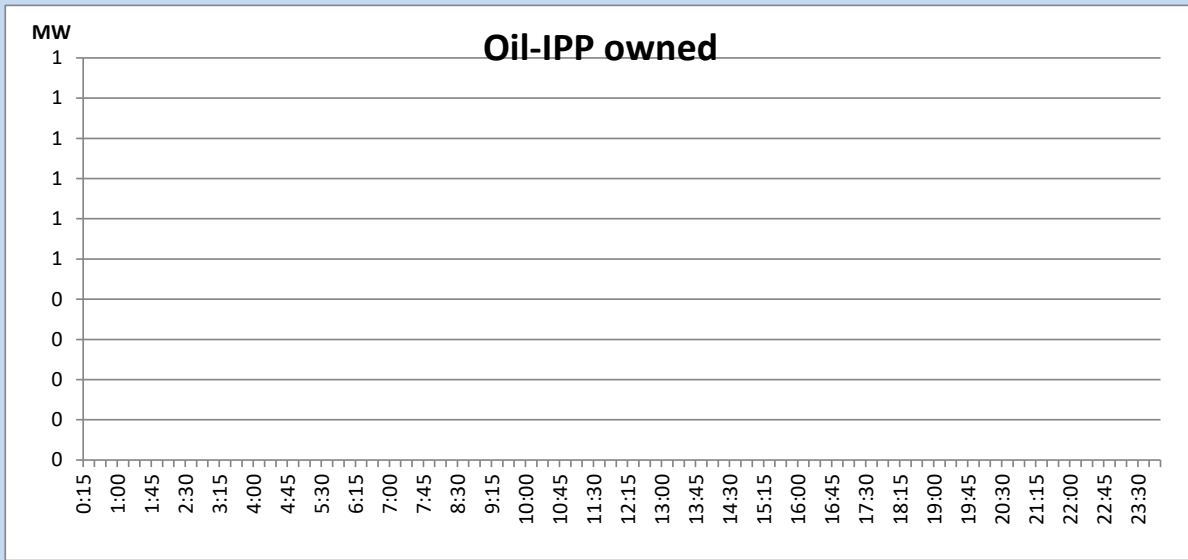
CEB Oil Plant Generation during the Previous day

September 3, 2022



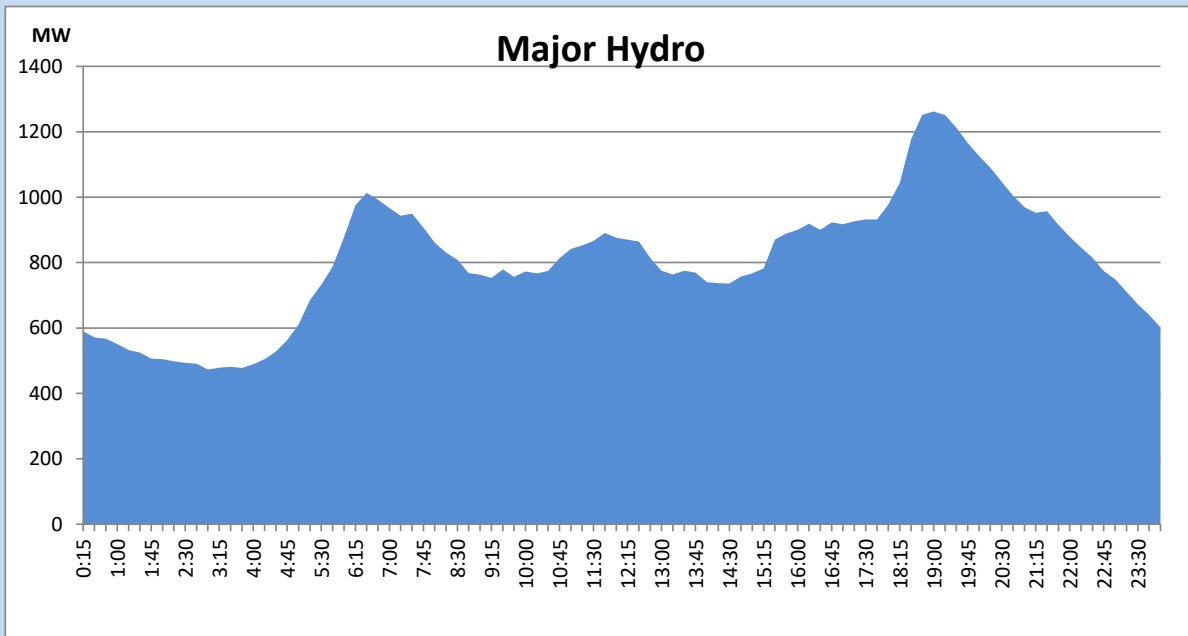
IPP Oil Plant Generation during the Previous day

September 3, 2022



Major Hydro Generation during the Previous day

September 3, 2022



Wind Generation during the Previous day

September 3, 2022

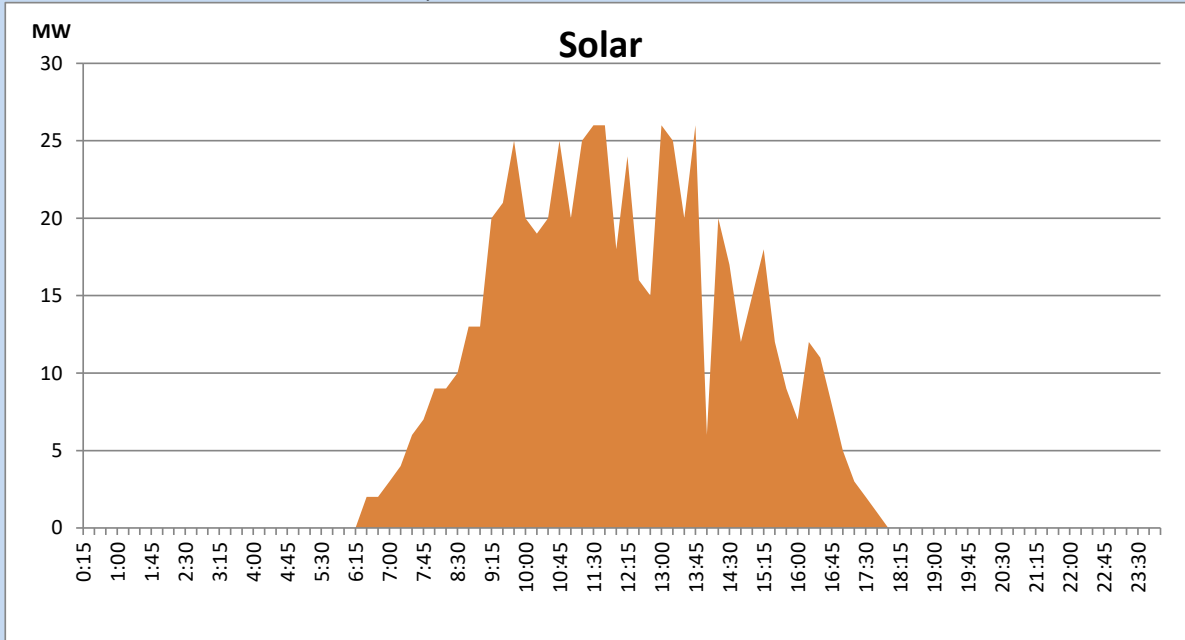
Based on Telemetered Power Stations only



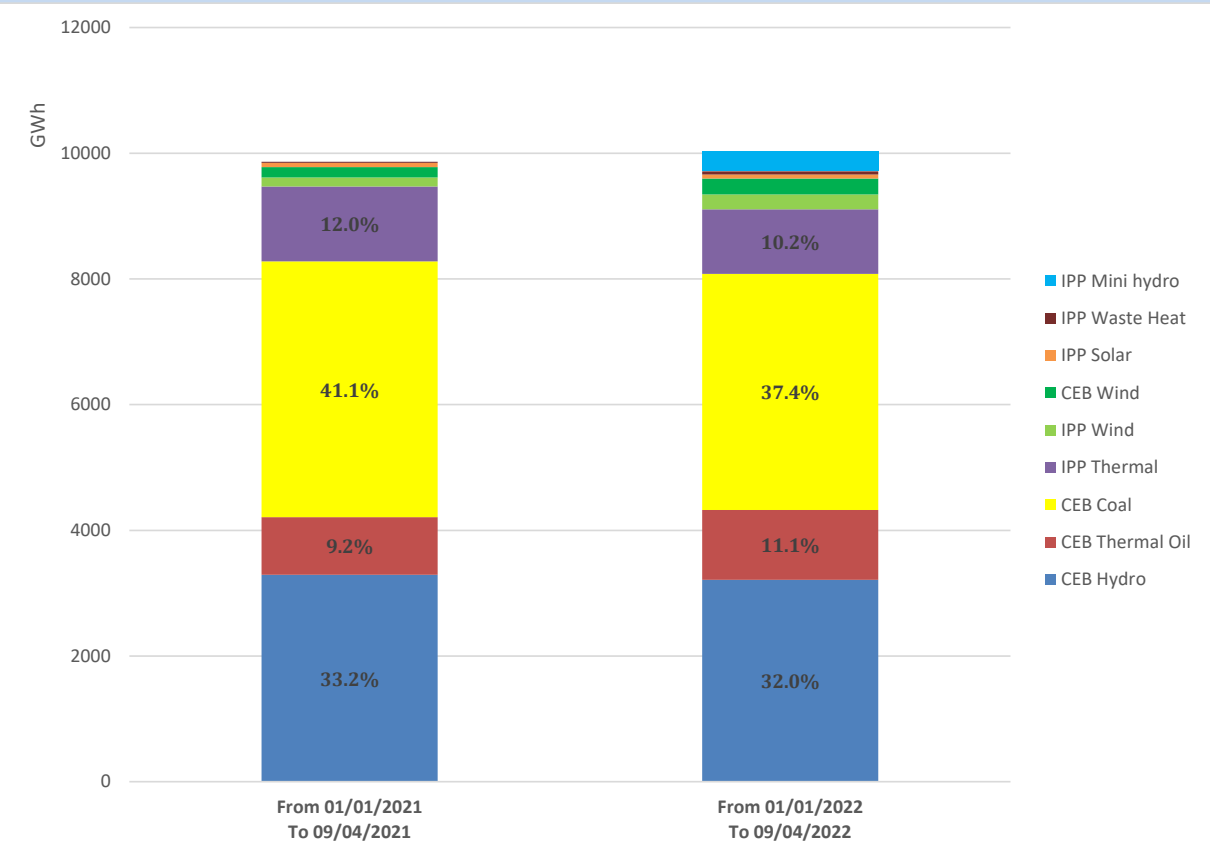
Solar Generation during the Previous day

September 3, 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

September 5, 2022

- 1) Wimalasurendra GSS 132/33kV TF 02 tripped at 06:36hrs due to the operation of LV restricted earth fault. Transformer restored at 13:02hrs
- 2) Laxapana pond spilled intermittently and spilling stopped at 18:35 hrs. Spilling started at 05:05hrs(05/09/2022).
- 3) Kukule pond spilling started at 20:13hrs and continues to the present hour.