

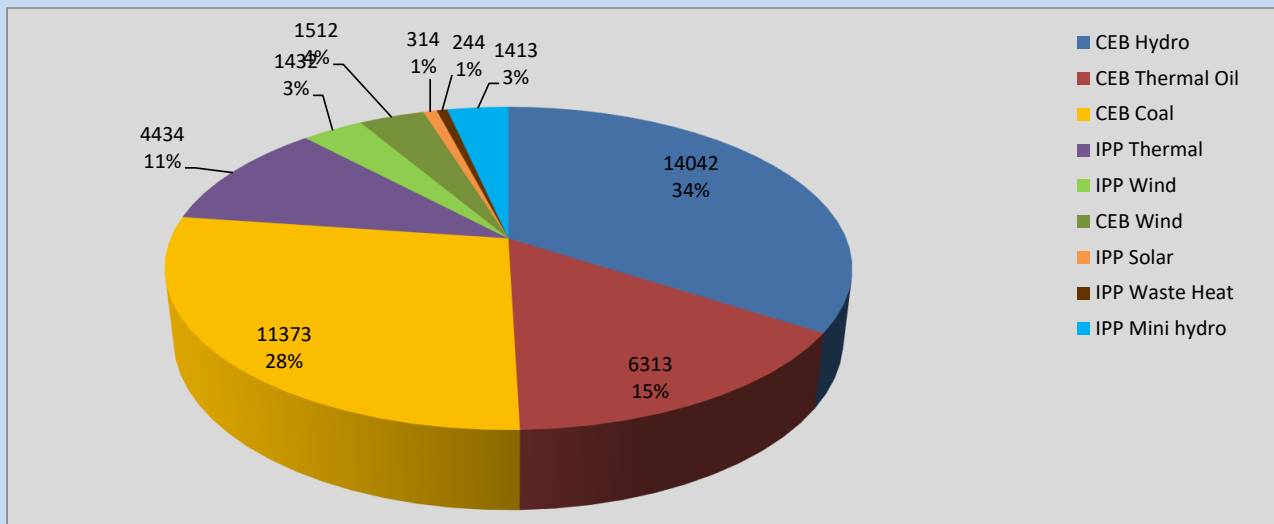
Generation and Reservoirs Statistics

June 20, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation

41,077 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

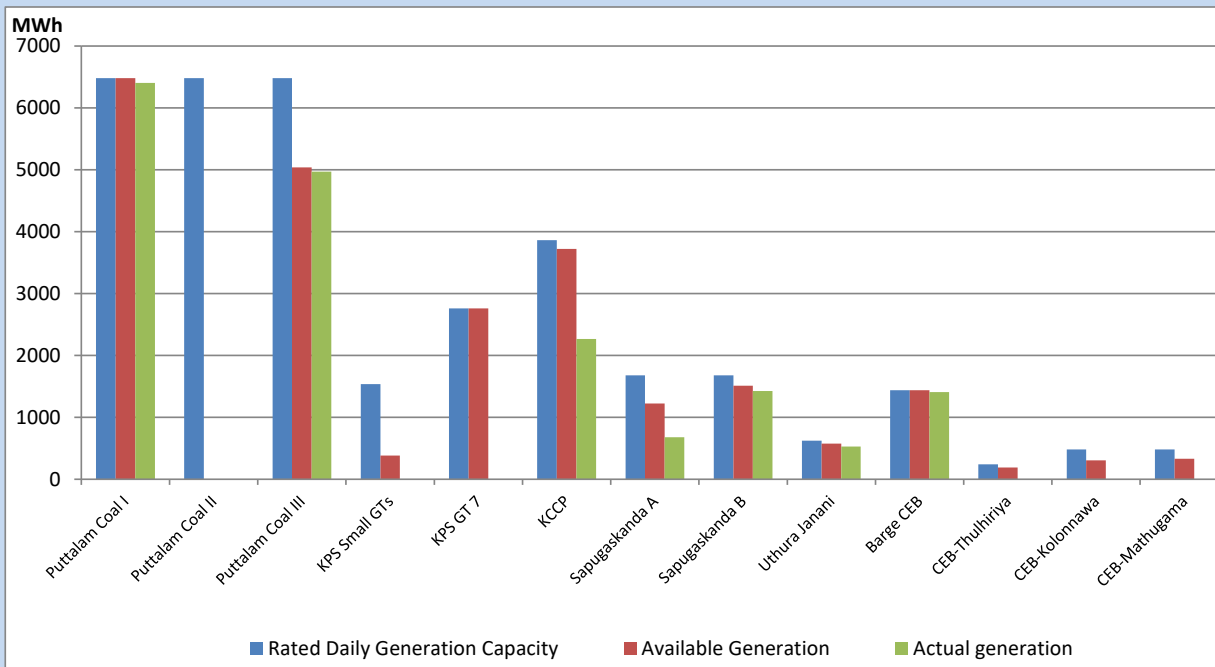
Category	Dispatch (GWh)	Percentage
CEB Hydro	306.46	38.32%
CEB Thermal Oil	20.17	2.52%
CEB Coal	346.25	43.29%
IPP Thermal	12.01	1.50%
SPP Wind	32.98	4.12%
CEB Wind	35.30	4.41%
SPP Solar	4.49	0.56%
SPP Solid Waste	4.56	0.57%
Mini Hydro	37.57	4.70%
Total	799.79	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,915.5	27.00%
CEB Thermal Oil	878.7	12.39%
CEB Coal	2,912.5	41.06%
IPP Thermal	820.5	11.57%
SPP Wind	133.9	1.89%
CEB Wind	152.0	2.14%
SPP Solar	43.5	0.61%
SPP Solid Waste	35.9	0.51%
Mini Hydro	201.3	2.84%
Total	7,093.5	

CEB owned Thermal Plant Dispatch

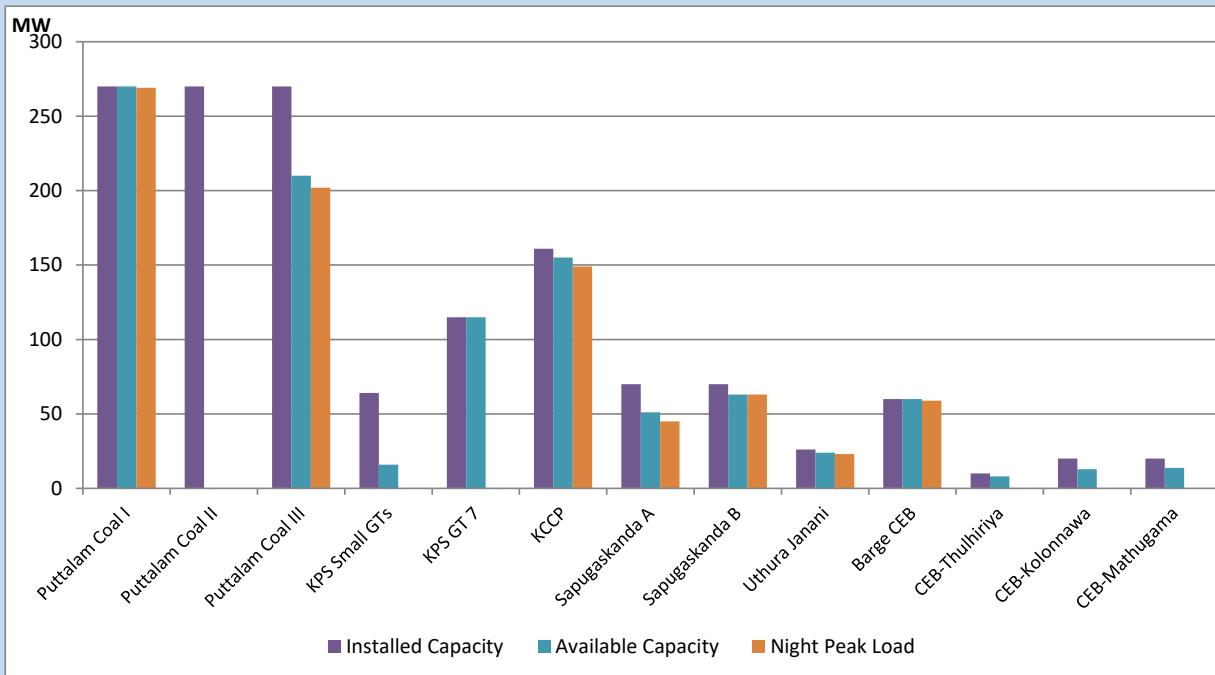
June 20, 2022



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

June 21, 2022

CEB owned Thermal Plant Loading at the Night Peak



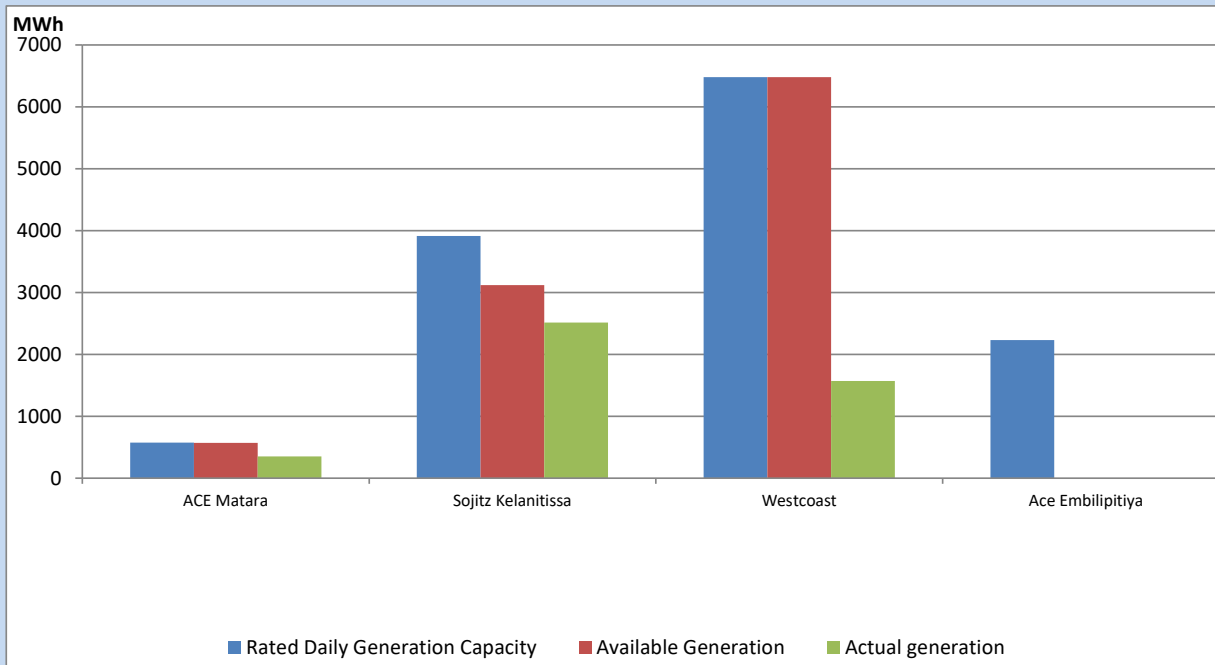
Note- Plant availability is recorded at 6.00 am on

June 21, 2022

IPP owned Thermal Plant Dispatch

June 20, 2022

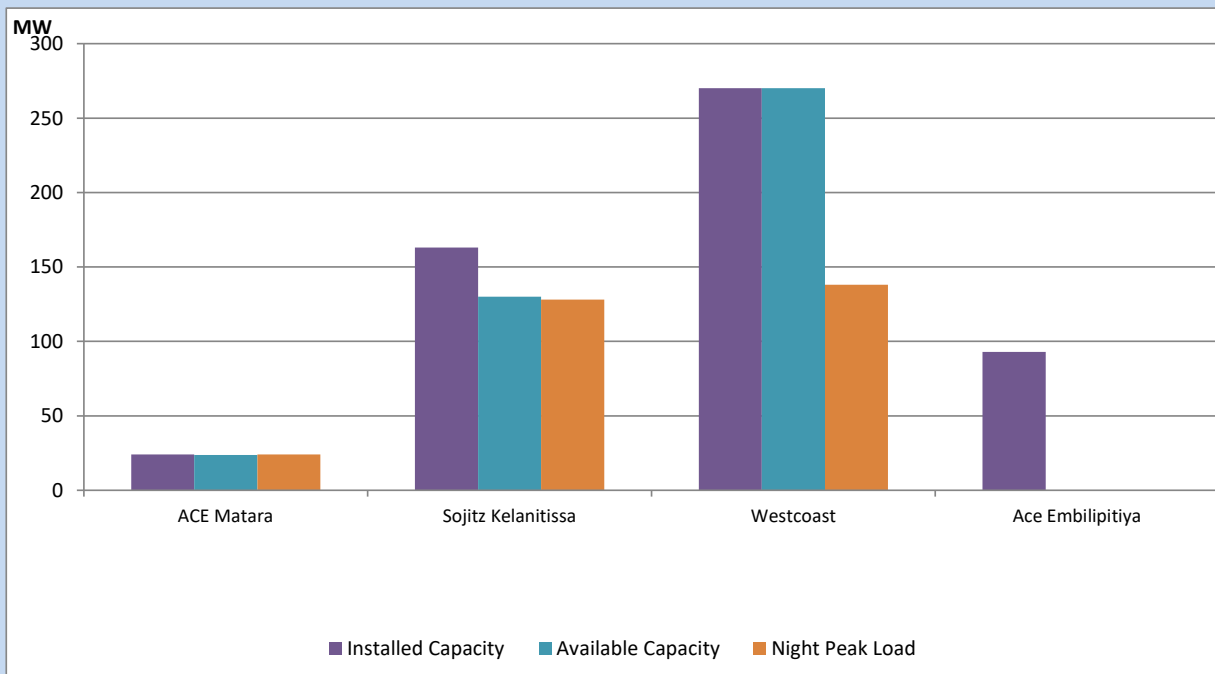
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 21, 2022

IPP owned Thermal Plant Loading at the Night Peak

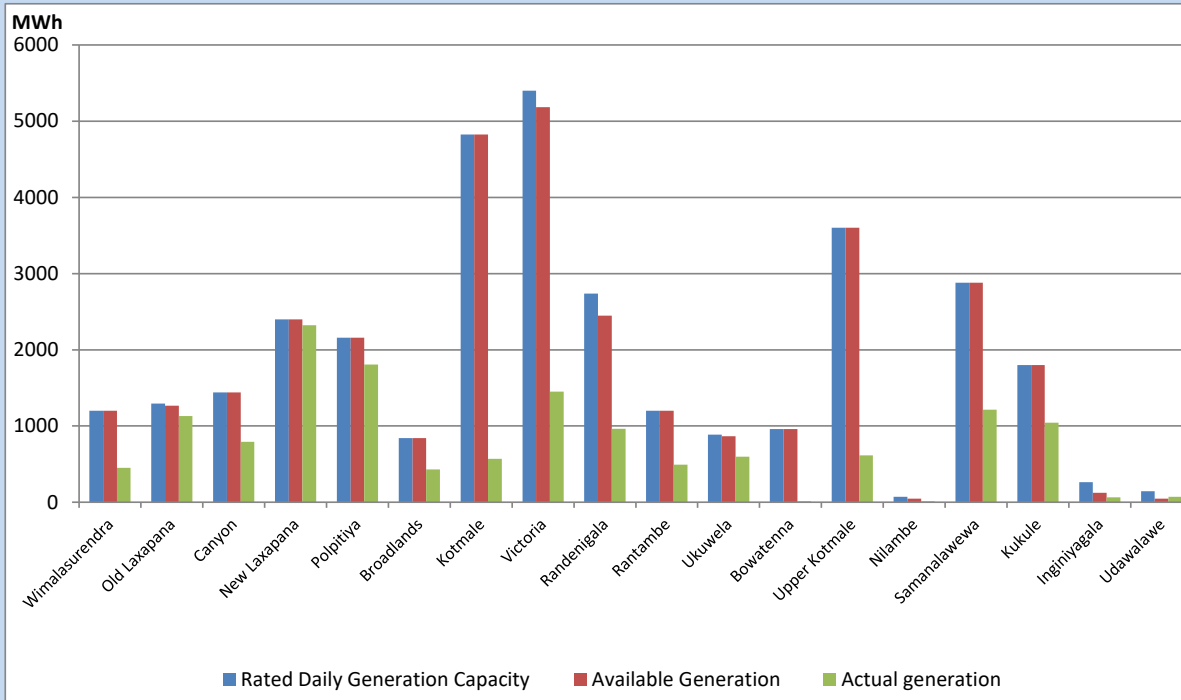


Note- Plant availability is recorded at 6.00 am on

June 21, 2022

Major Hydro Plant Dispatch

June 20, 2022

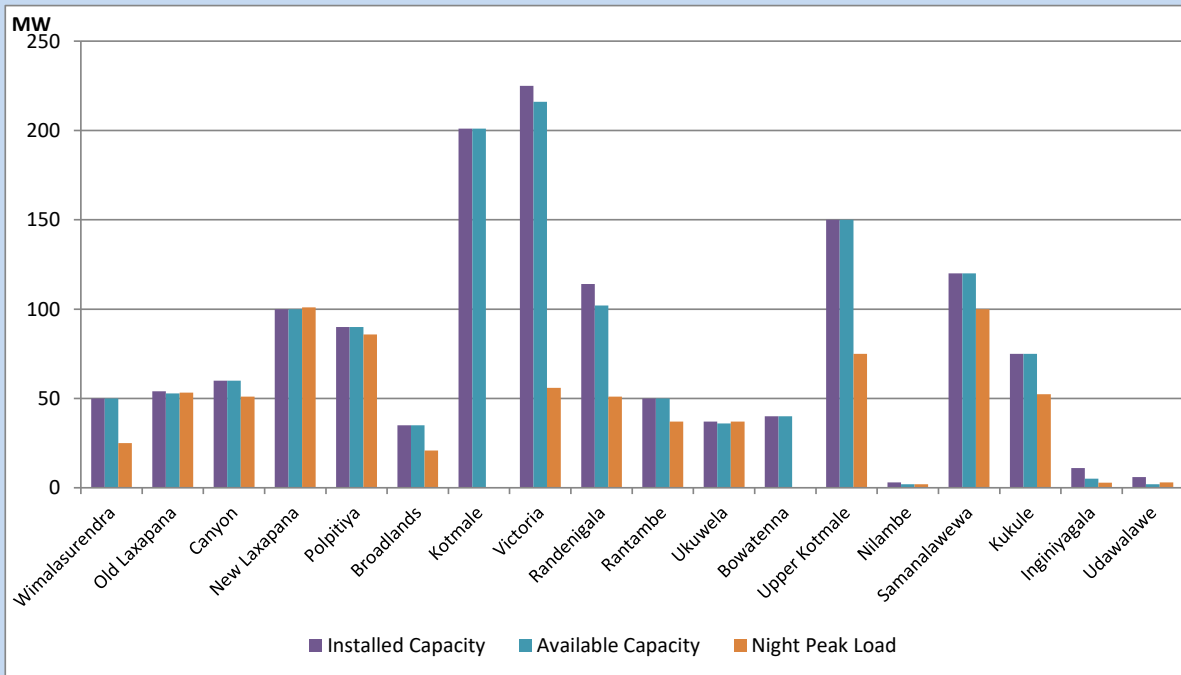


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

June 21, 2022

Major Hydro Plant Loading at Night Peak

June 20, 2022



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

June 21, 2022

Summary of Major Plant performance

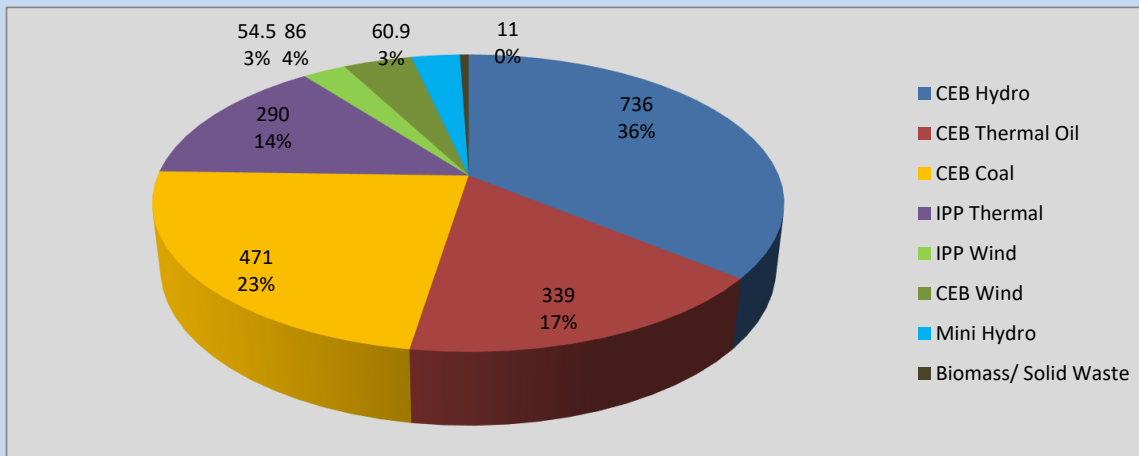
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	25	451
Old Laxapana	54	53	53	1,131
Canyon	60	60	51	791
New Laxapana	100	100	101	2,324
Polpitiya	90	90	86	1,806
Broadlands	35	35	21	431
Kotmale	201	201	0	570
Victoria	225	216	56	1,451
Randenigala	114	102	51	965
Rantambe	50	50	37	494
Ukuwela	37	36	37	597
Bowatenna	40	40	0	13
Upper Kotmale	150	150	75	615
Nilambe	3	2	2	11
Samanalawewa	120	120	100	1,214
Kukule	75	75	52	1,042
Inginiyagala	11	5	3	65
Udawalawe	6	2	3	71
Puttalam Coal I	270	270	269	6,404
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	210	202	4,969
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	149	2,269
Sapugaskanda A	70	51	45	681
Sapugaskanda B	70	63	63	1,425
Uthura Janani	26	24	23	530
Barge CEB	60	60	59	1,408
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	14	0	0
ACE Matara	24	24	24	350
Sojitz Kelanitissa	163	130	128	2,515
West Coast	270	270	138	1,569
ACE Embilipitiya	93	0	0	0
Total	3,397	2,809	2,066	41,077

Plant availability is the availability recorded at 6 am on

June 21, 2022

Contribution to the Night Peak in MW

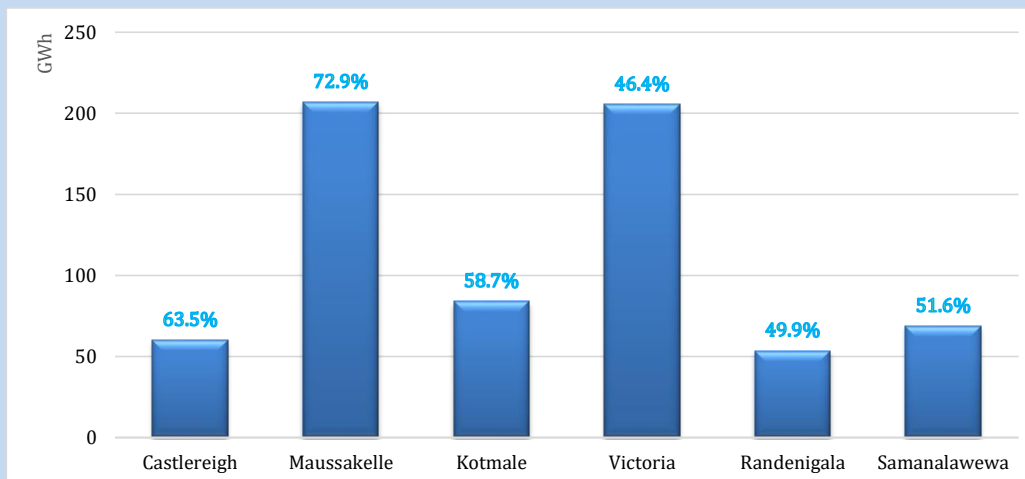
June 20, 2022



Night Peak*	2,048.5 MW
Day Peak	1,950.5 MW
Minimum Demand	1,233.9 MW

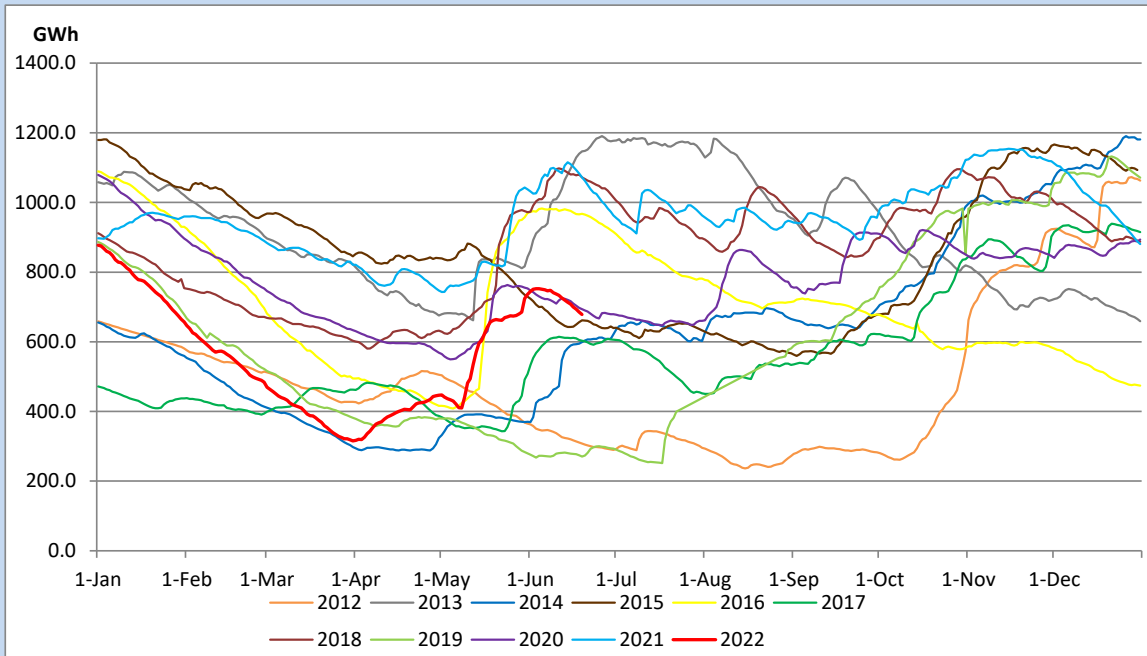
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on June 21, 2022

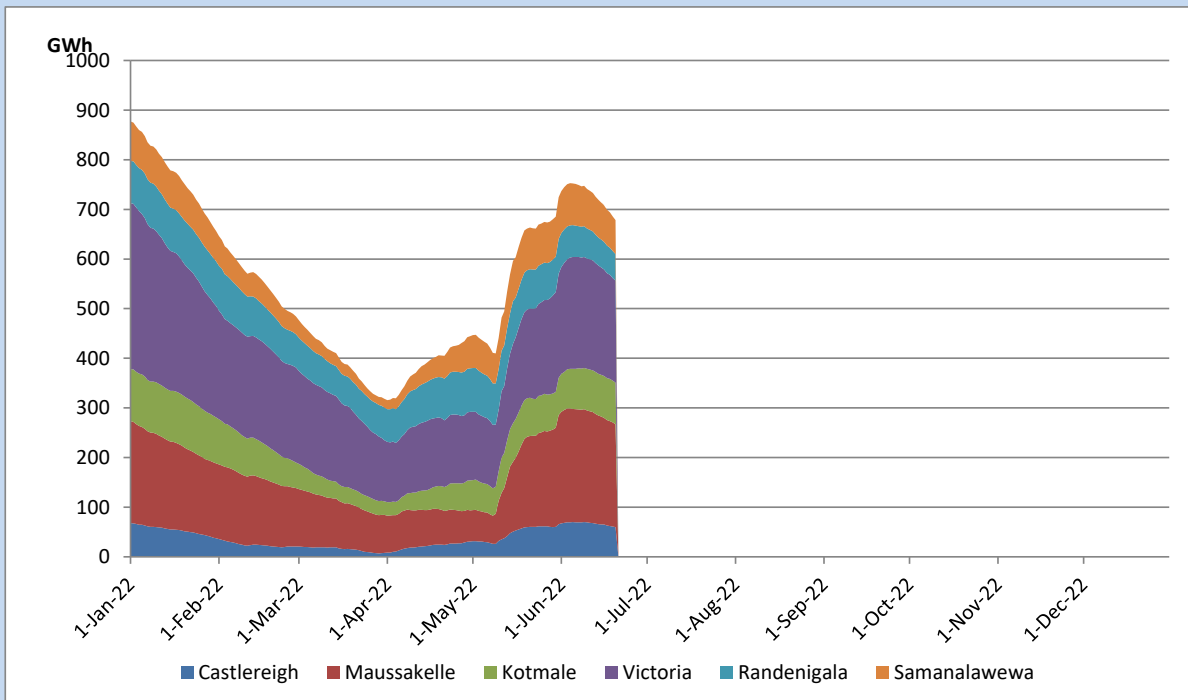


Total Reservoir Level	678.7 GWh
% of Total capacity	56.3%

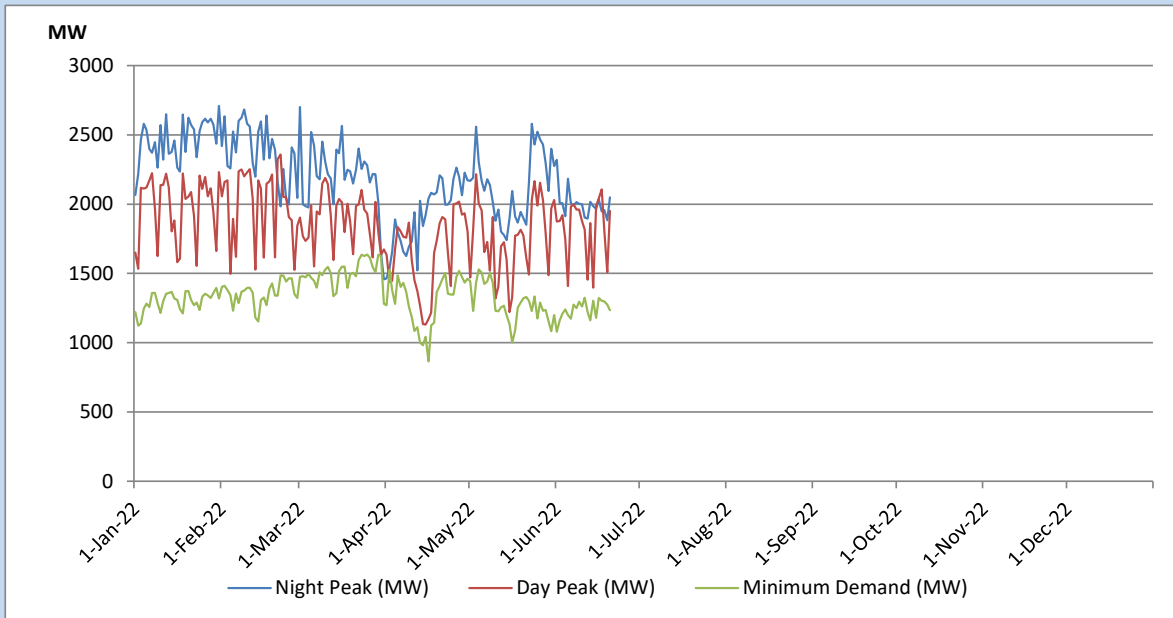
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

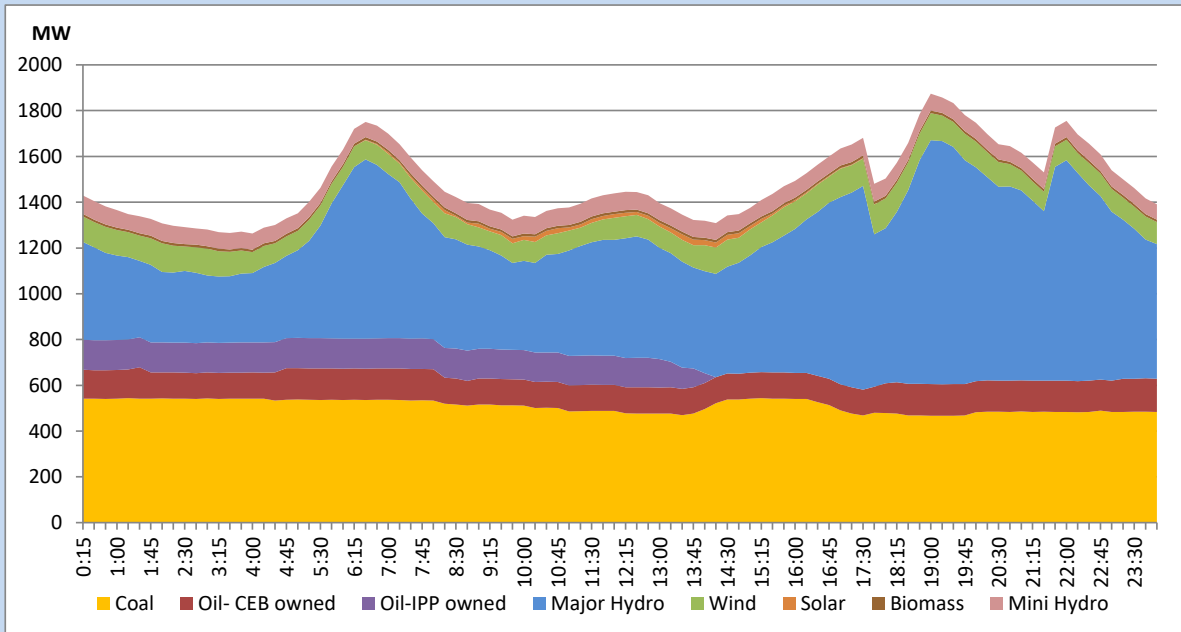


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

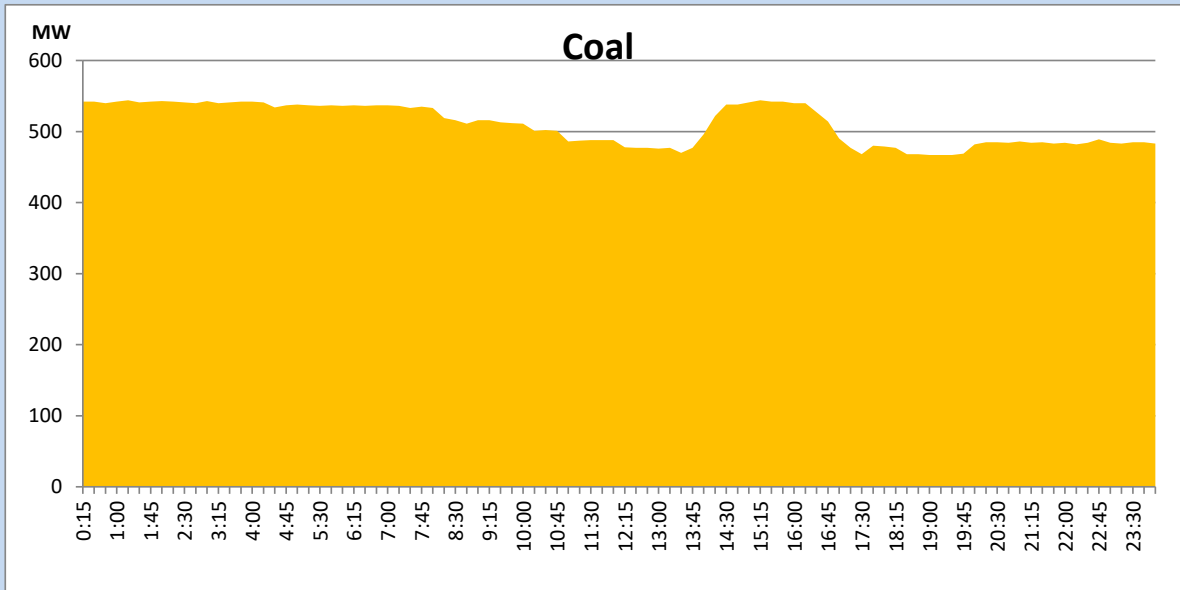
June 19, 2022

Solar and wind data is based on Telemetered Power Stations only



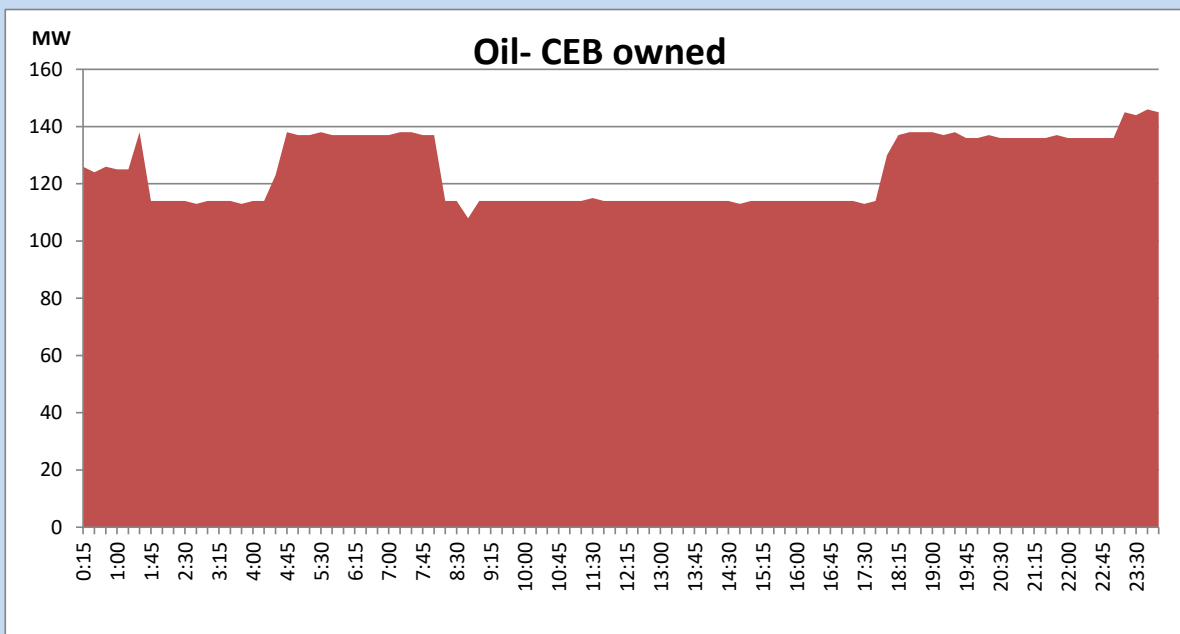
Coal Generation during the Previous day

June 19, 2022



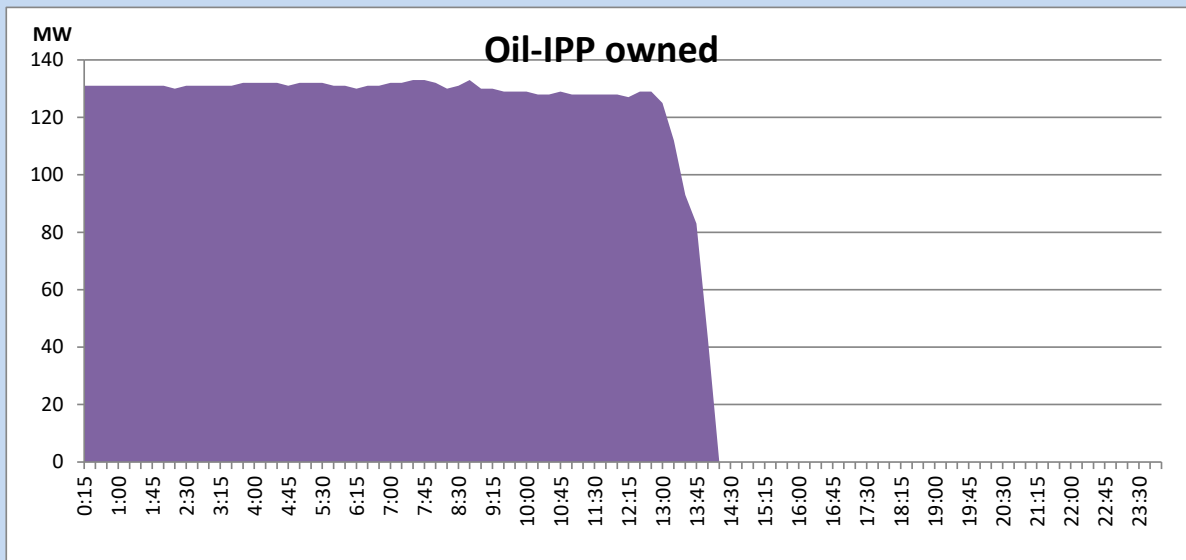
CEB Oil Plant Generation during the Previous day

June 19, 2022



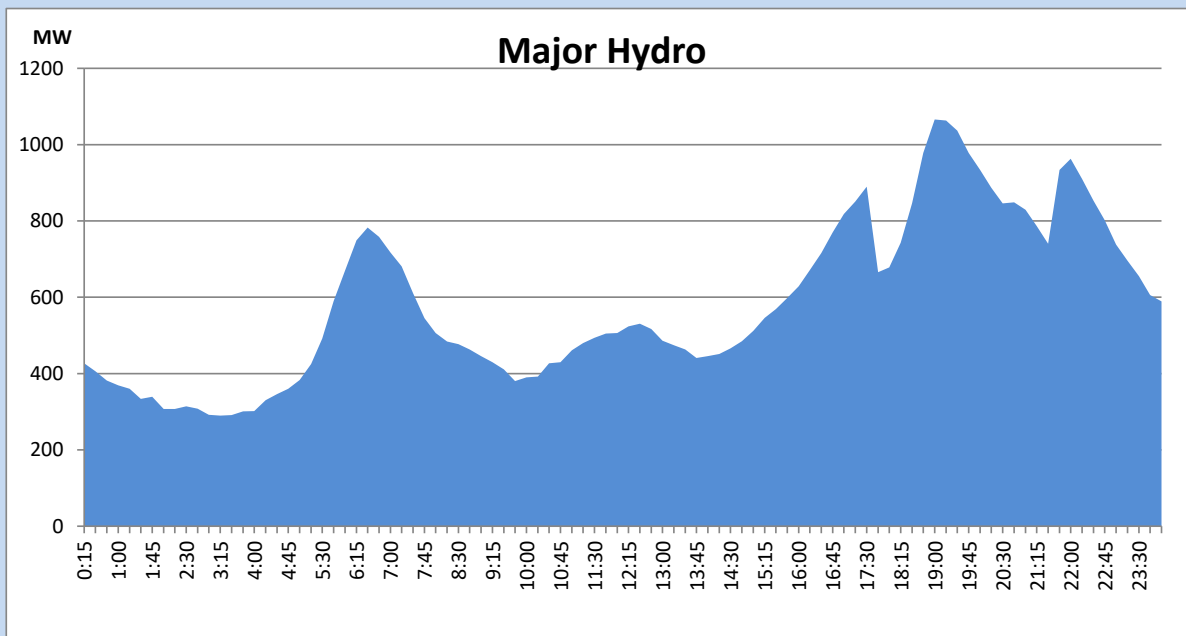
IPP Oil Plant Generation during the Previous day

June 19, 2022



Major Hydro Generation during the Previous day

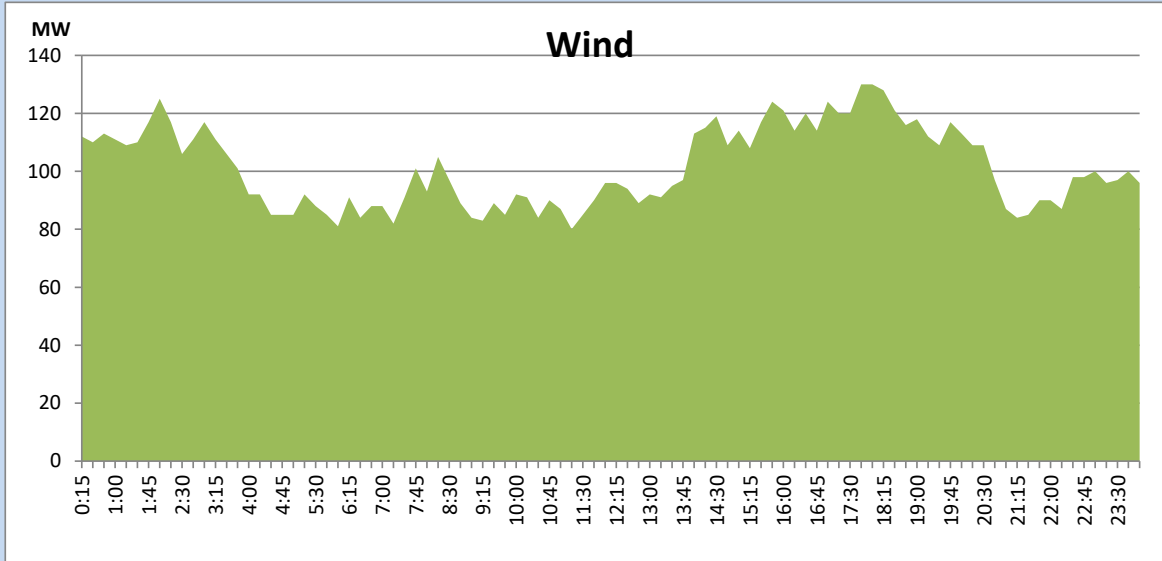
June 19, 2022



Wind Generation during the Previous day

June 19, 2022

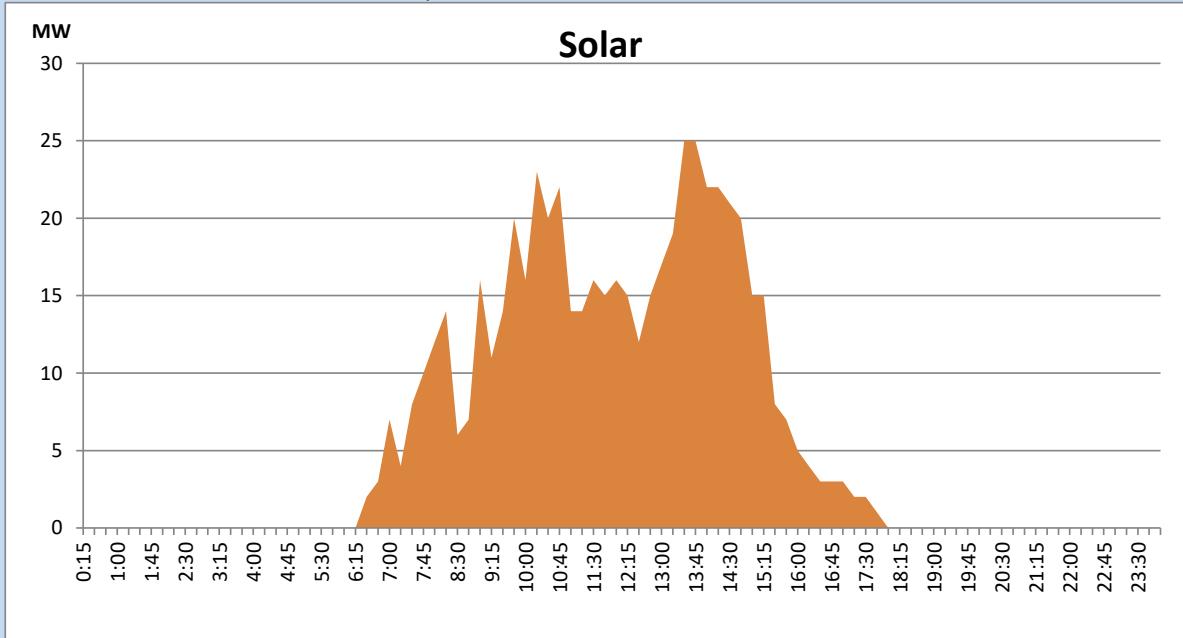
Based on Telemetered Power Stations only



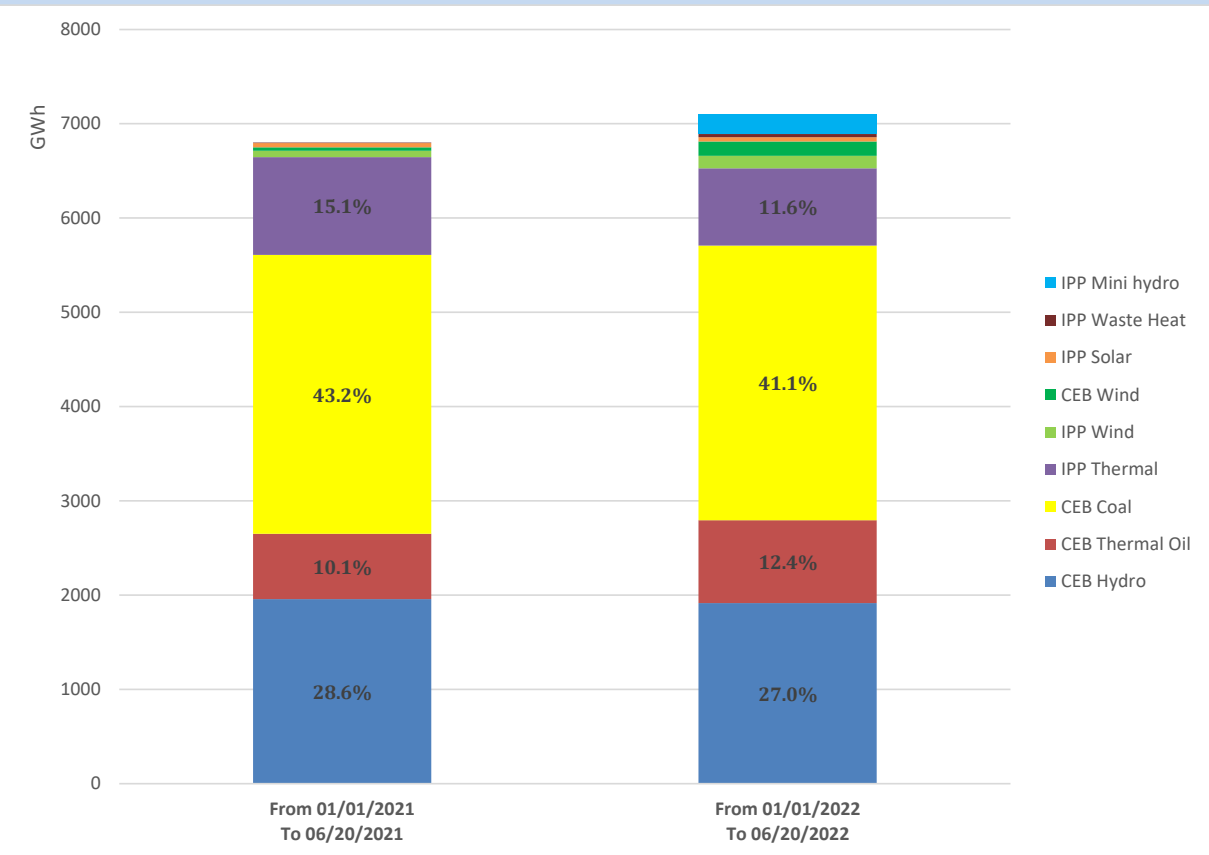
Solar Generation during the Previous day

June 19, 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 21, 2022

- 1) Rotational manual load shedding was carried out from 05:00hrs to 08:30hrs and from 12:00hrs to 22:00hrs.
- 2) Kilinochchi -Chunnakam cct 01 (which was tripped 09:12hrs on 19/06/2022) restored at 17:05 hrs.
- 3) Ampara, Vavunaitivu, Mahiyangana, Monaragala GSSs and Rantembe, Randenigala PSs were dead due to incoming failure at 21:26 hrs. All affected GSS & feeders normalized at 21:32 hrs.