

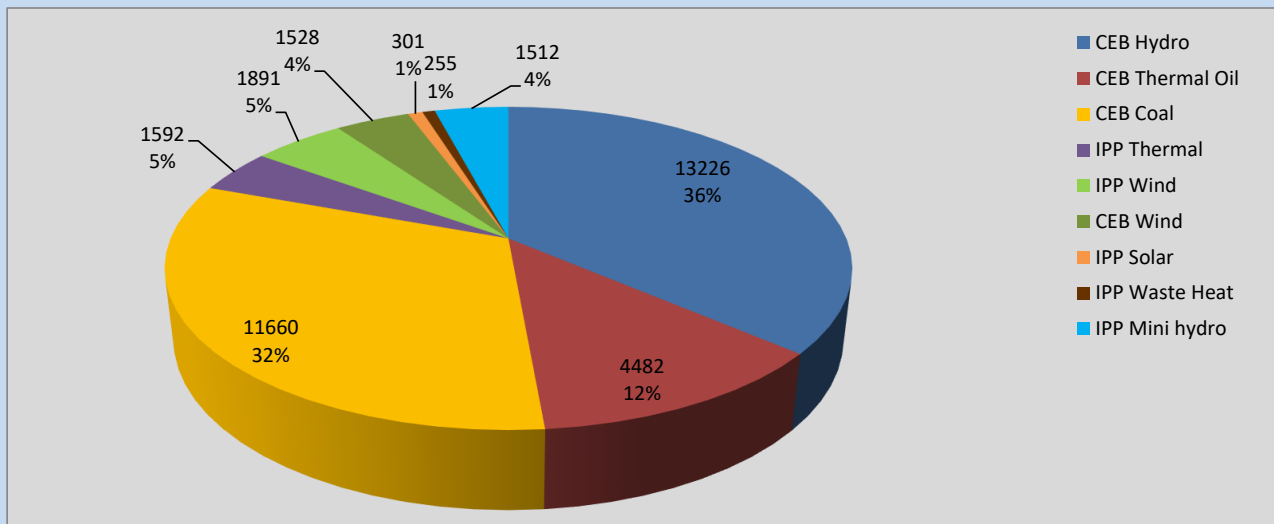
# Generation and Reservoirs Statistics

June 26, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

## Daily Generation Mix in MWh



**Total Generation** **36,447 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

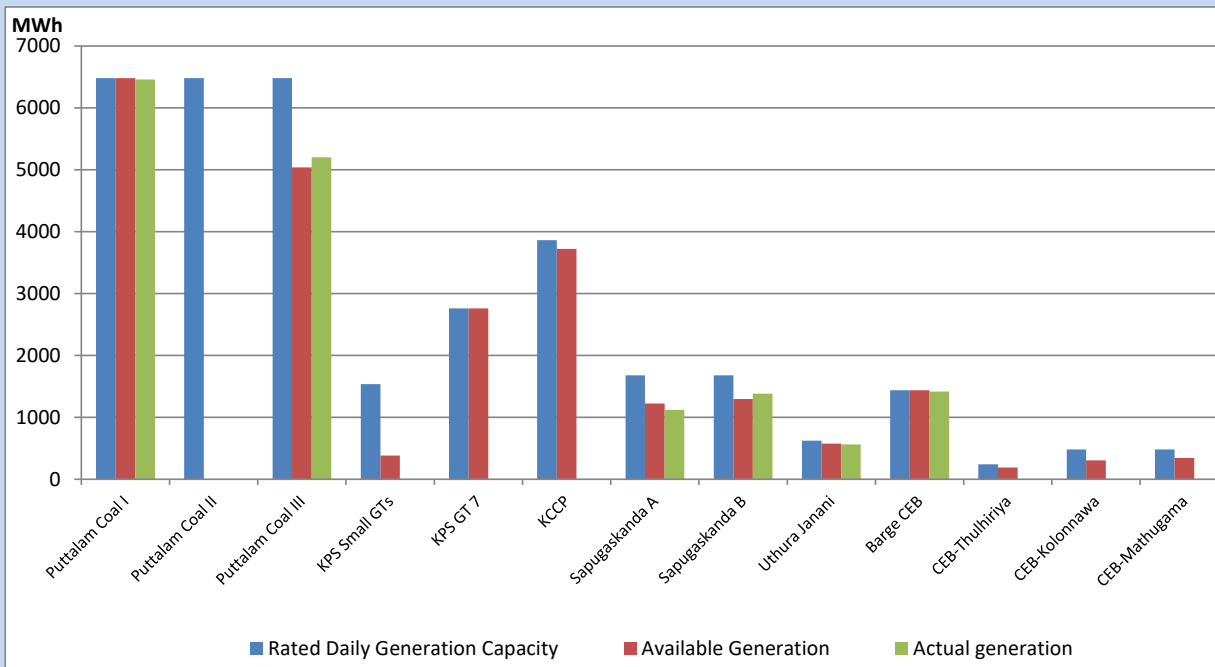
Category	Dispatch (GWh)	Percentage
CEB Hydro	389.47	37.29%
CEB Thermal Oil	53.84	5.16%
CEB Coal	415.34	39.77%
IPP Thermal	37.70	3.61%
SPP Wind	43.83	4.20%
CEB Wind	44.72	4.28%
SPP Solar	6.22	0.60%
SPP Solid Waste	6.15	0.59%
Mini Hydro	47.03	4.50%
<b>Total</b>	<b>1,044.30</b>	

### For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,998.5	27.23%
CEB Thermal Oil	912.3	12.43%
CEB Coal	2,981.6	40.63%
IPP Thermal	846.2	11.53%
SPP Wind	144.8	1.97%
CEB Wind	161.5	2.20%
SPP Solar	45.3	0.62%
SPP Solid Waste	37.5	0.51%
Mini Hydro	210.7	2.87%
<b>Total</b>	<b>7,338.1</b>	

## CEB owned Thermal Plant Dispatch

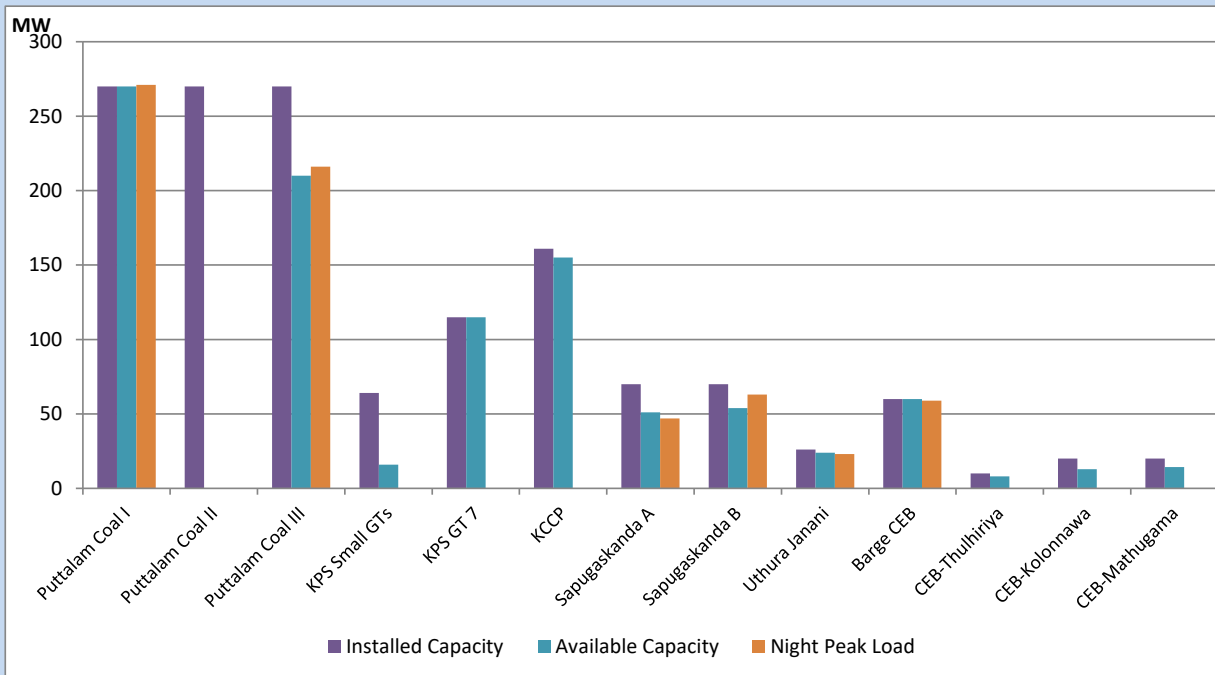
June 26, 2022



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

June 27, 2022

## CEB owned Thermal Plant Loading at the Night Peak



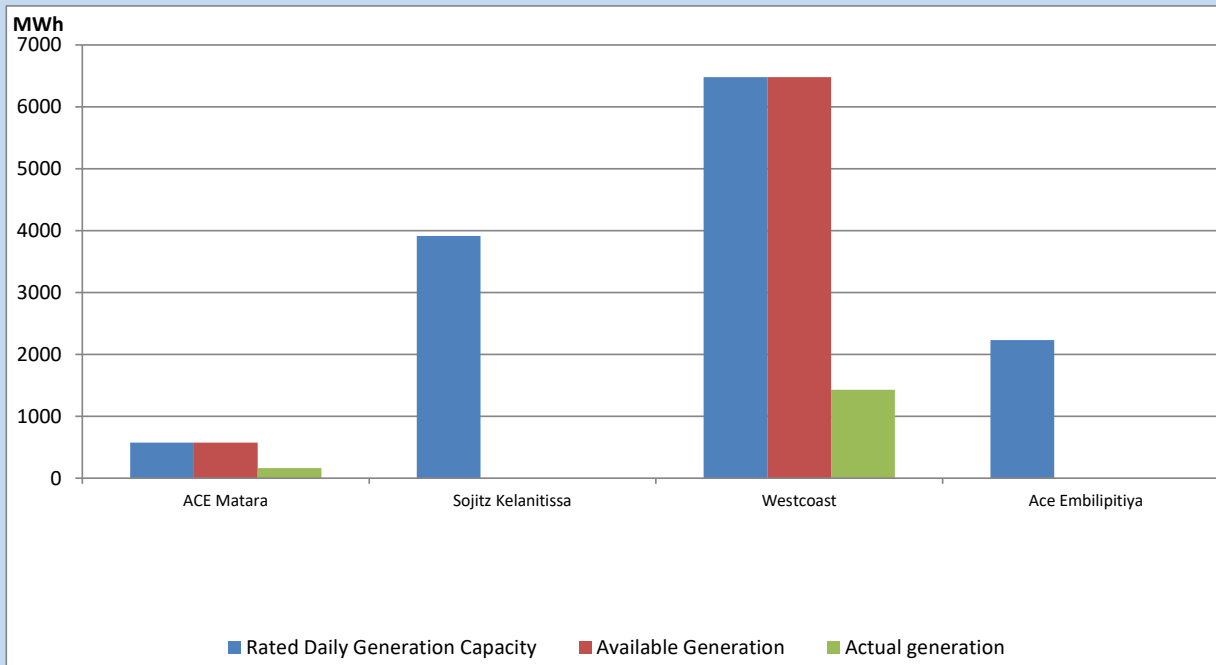
Note- Plant availability is recorded at 6.00 am on

June 27, 2022

## IPP owned Thermal Plant Dispatch

June 26, 2022

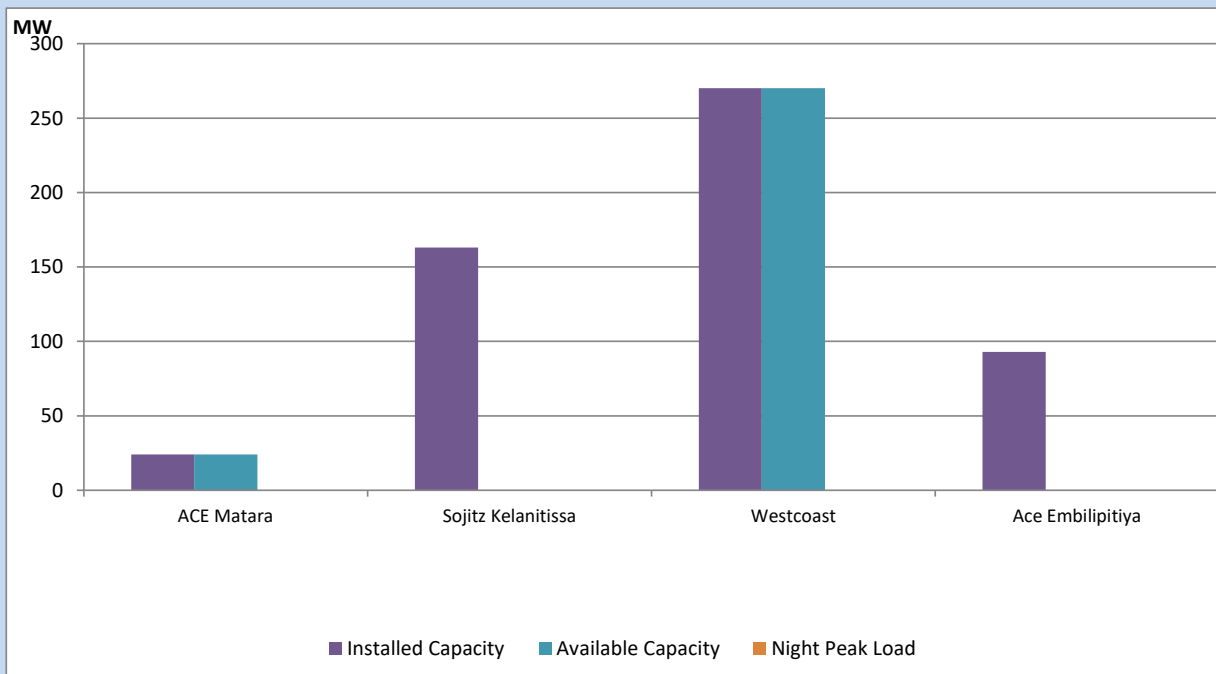
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 27, 2022

## IPP owned Thermal Plant Loading at the Night Peak

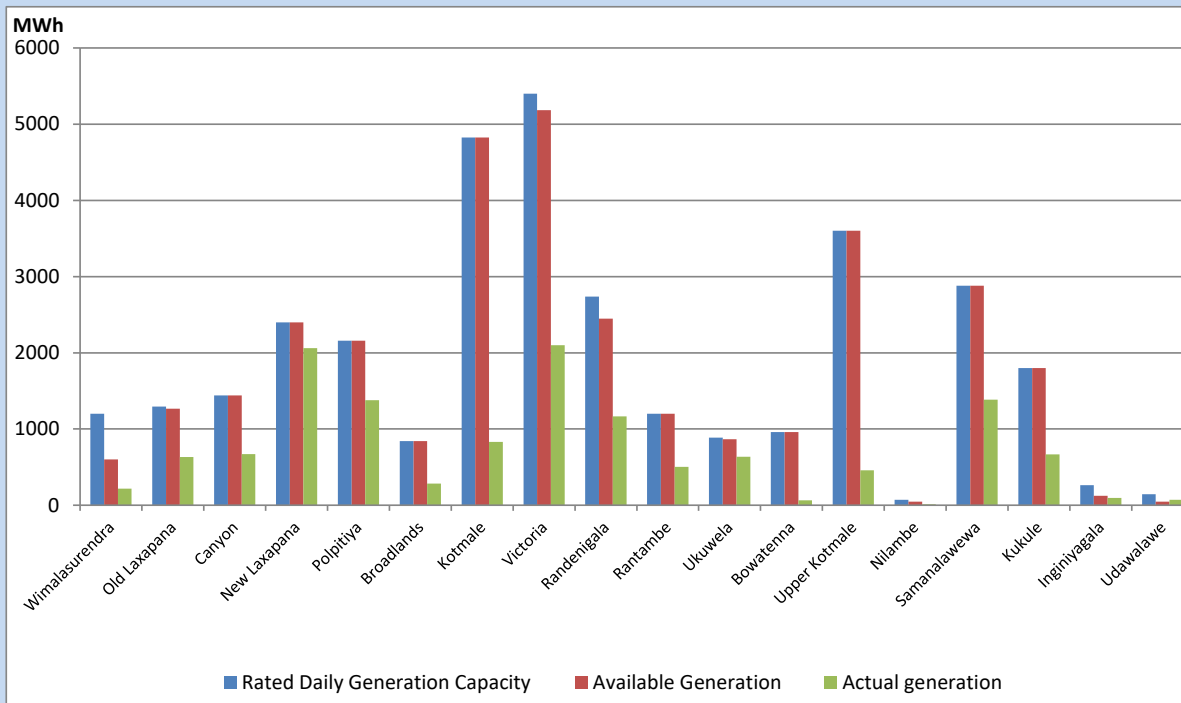


Note- Plant availability is recorded at 6.00 am on

June 27, 2022

## Major Hydro Plant Dispatch

June 26, 2022

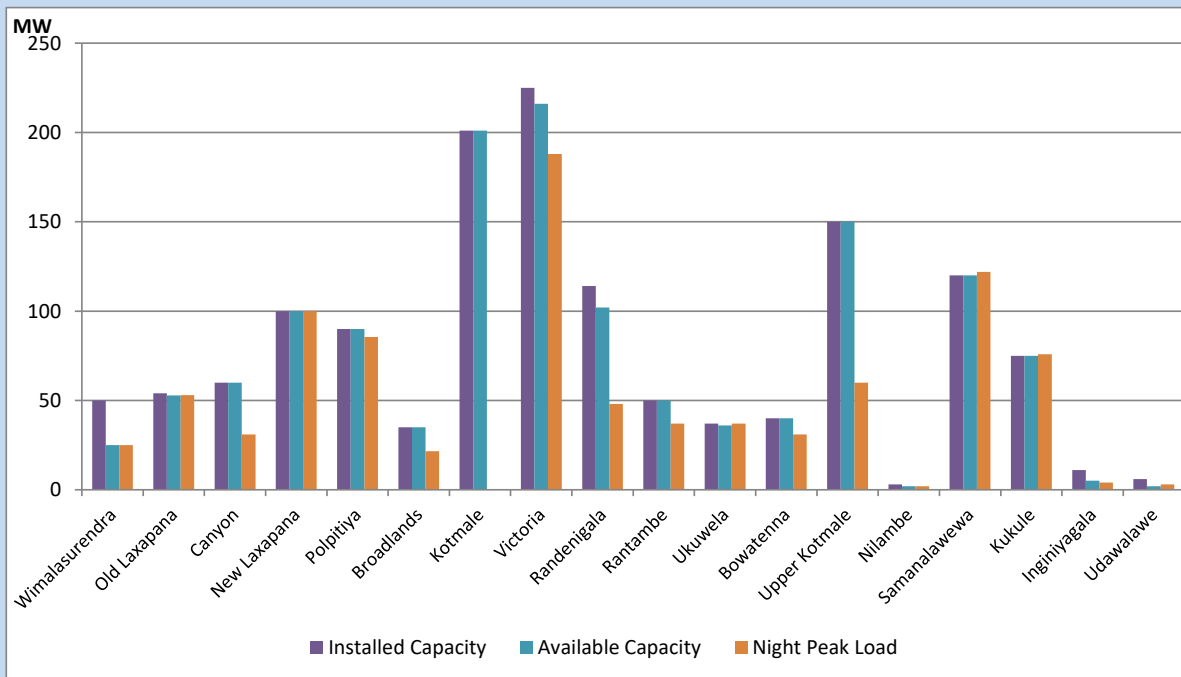


Available Generation is estimated based on plant availability at 6.00am on June 27, 2022  
 Broadlands power plant is operating in the Commissioning Stage

June 27, 2022

## Major Hydro Plant Loading at Night Peak

June 26, 2022



Note- Plant availability is recorded at 6.00 am on June 27, 2022  
 Broadlands power plant is operating in the Commissioning Stage

## Summary of Major Plant performance

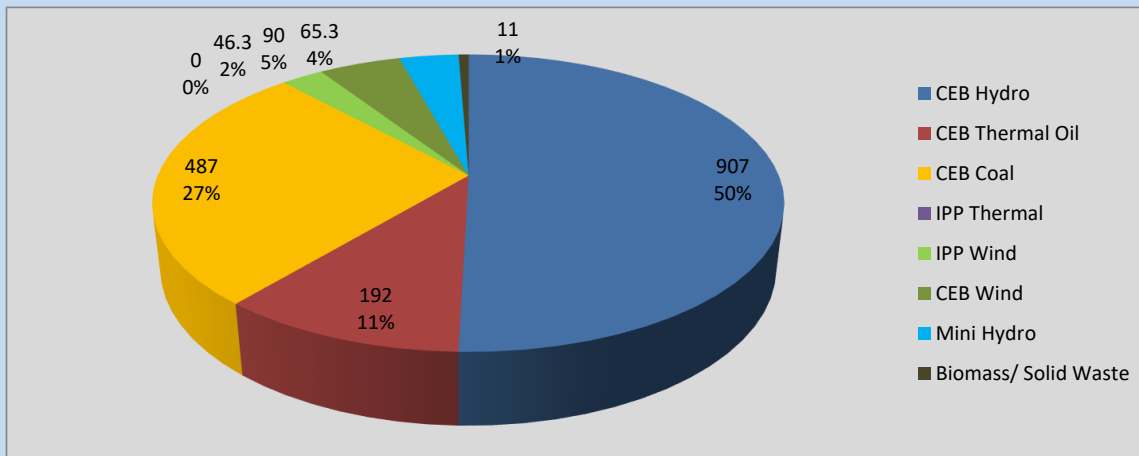
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	216
Old Laxapana	54	53	53	631
Canyon	60	60	31	670
New Laxapana	100	100	100	2,060
Polpitiya	90	90	86	1,379
Broadlands	35	35	22	284
Kotmale	201	201	0	830
Victoria	225	216	188	2,099
Randenigala	114	102	48	1,166
Rantambe	50	50	37	504
Ukuwela	37	36	37	636
Bowatenna	40	40	31	65
Upper Kotmale	150	150	60	457
Nilambe	3	2	2	11
Samanalawewa	120	120	122	1,385
Kukule	75	75	76	668
Inginiyagala	11	5	4	95
Udawalawe	6	2	3	70
Puttalam Coal I	270	270	271	6,459
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	210	216	5,201
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	0	0
Sapugaskanda A	70	51	47	1,120
Sapugaskanda B	70	54	63	1,383
Uthura Janani	26	24	23	562
Barge CEB	60	60	59	1,417
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	14	0	0
ACE Matara	24	24	0	164
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	0	1,428
ACE Embilipitiya	93	0	0	0
<b>Total</b>	<b>3,397</b>	<b>2,646</b>	<b>1,816</b>	<b>36,447</b>

Plant availability is the availability recorded at 6 am on

June 27, 2022

## Contribution to the Night Peak in MW

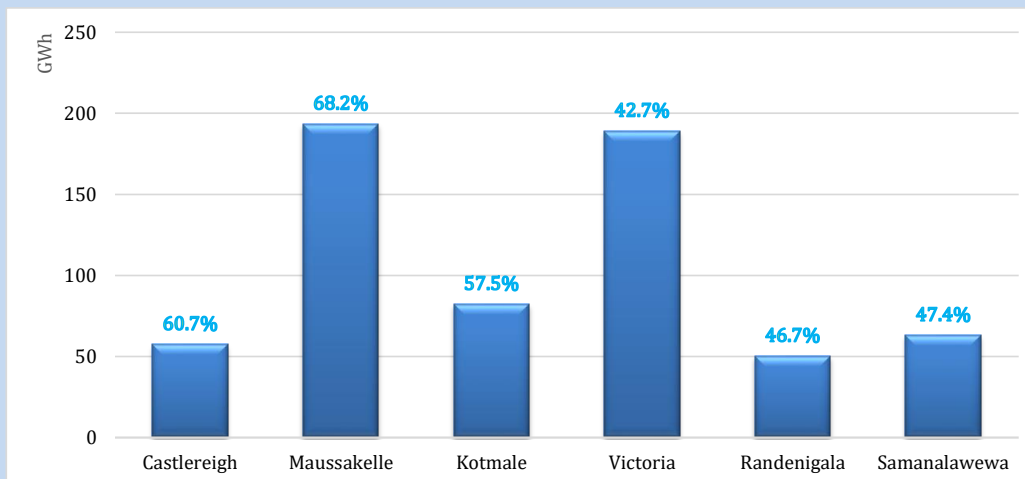
June 26, 2022



Night Peak*	1,798.5 MW
Day Peak	1,451.2 MW
Minimum Demand	1,296.3 MW

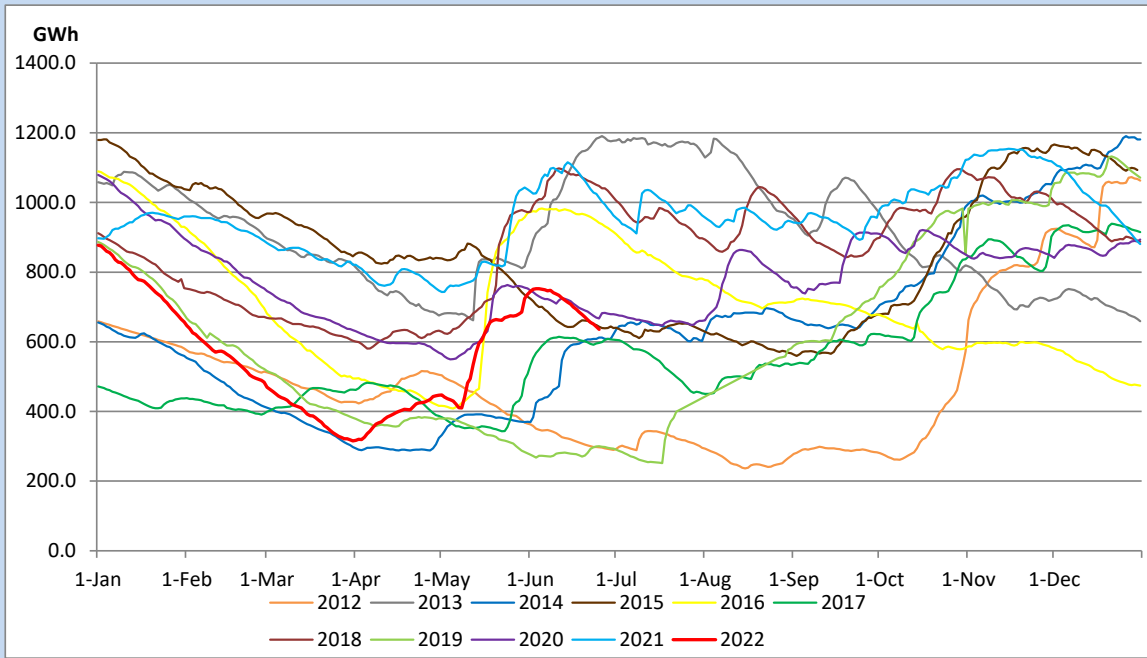
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Reservoir Levels - as at 06.00 Hr on June 27, 2022

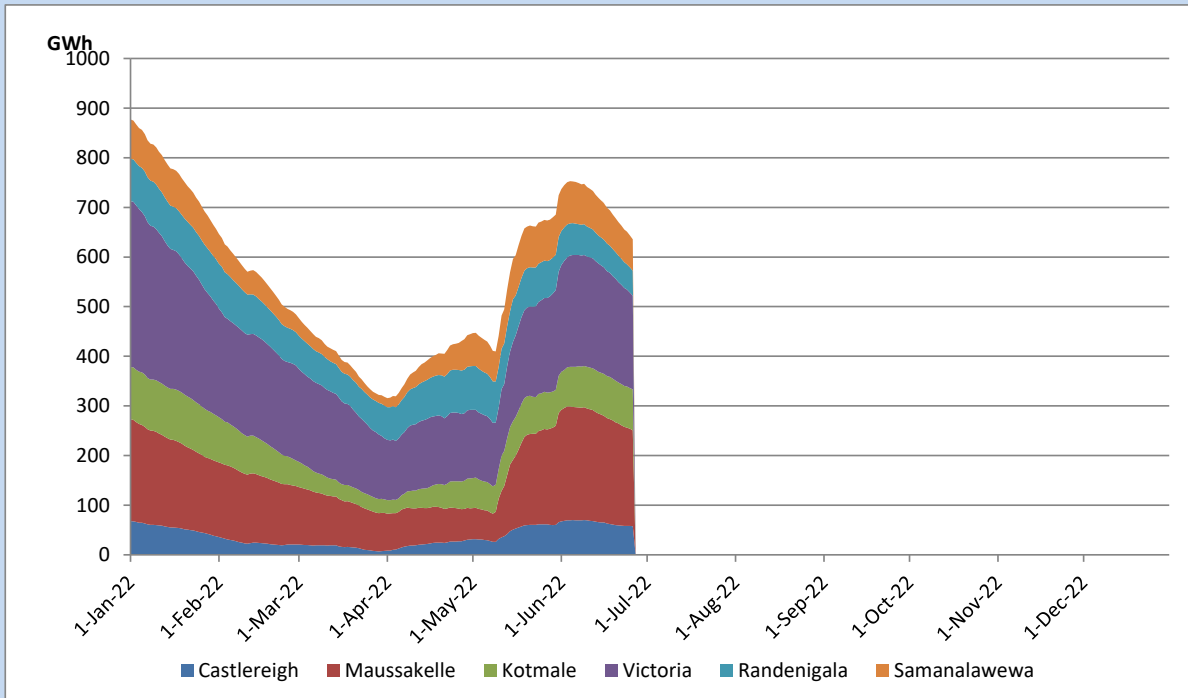


Total Reservoir Level	635.8 GWh
% of Total capacity	52.8%

## Comparison of Total Reservoir Storage Levels with Past Years

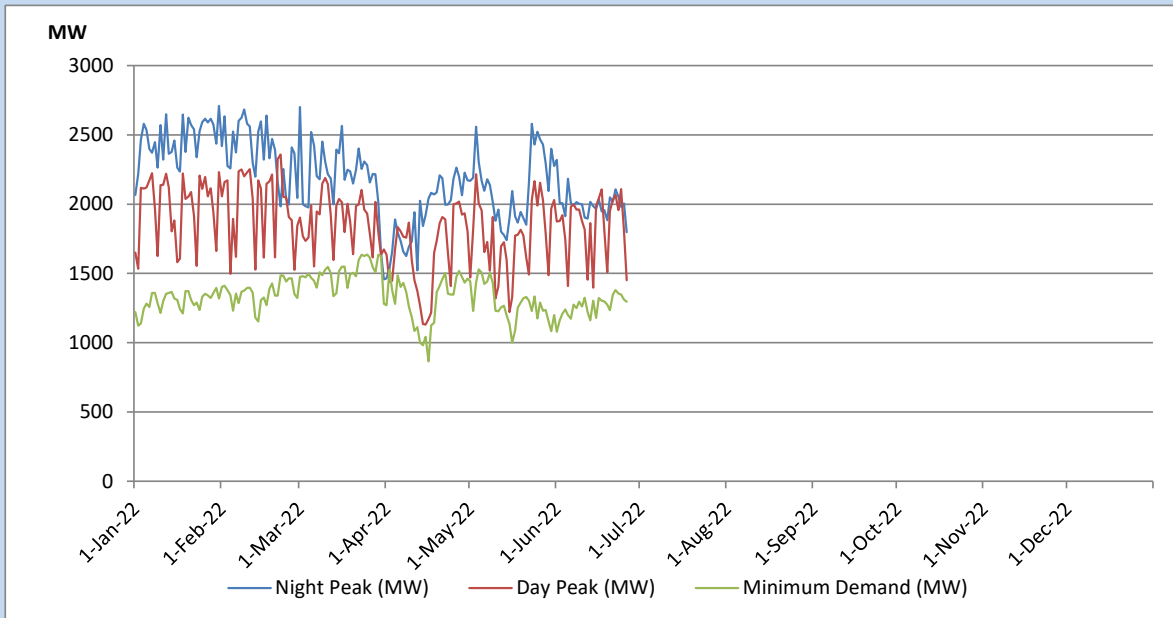


## Variation of Major Hydro Reservoir Levels in the current year (GWh)





## Variation of Demand during the current year

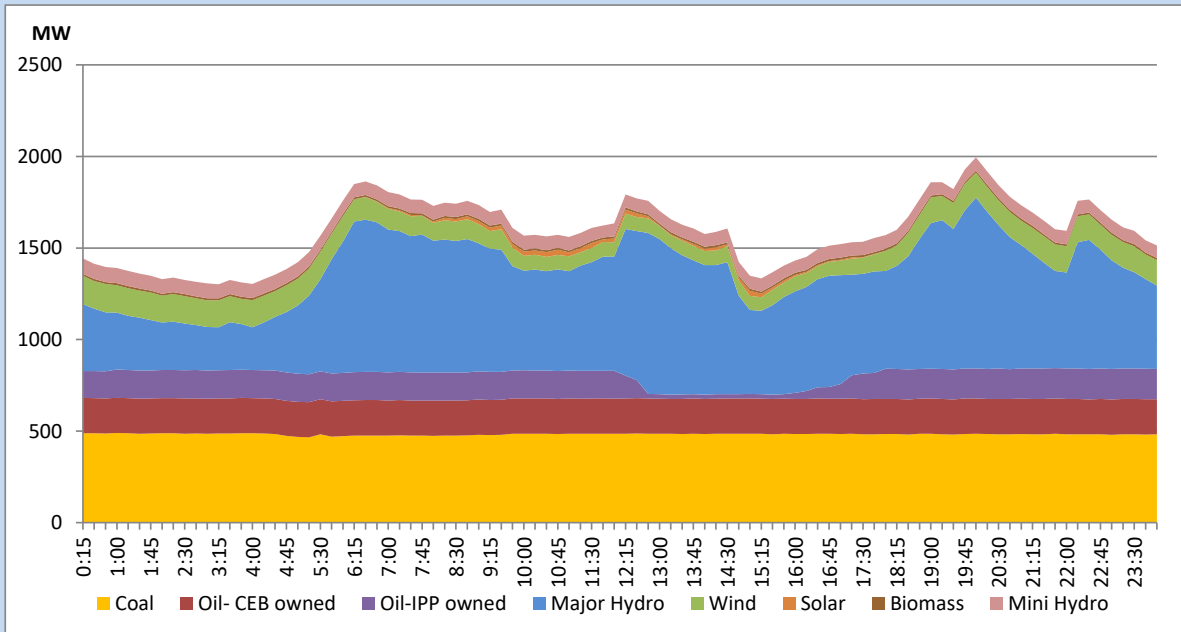


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Daily Load Curve of the Previous day

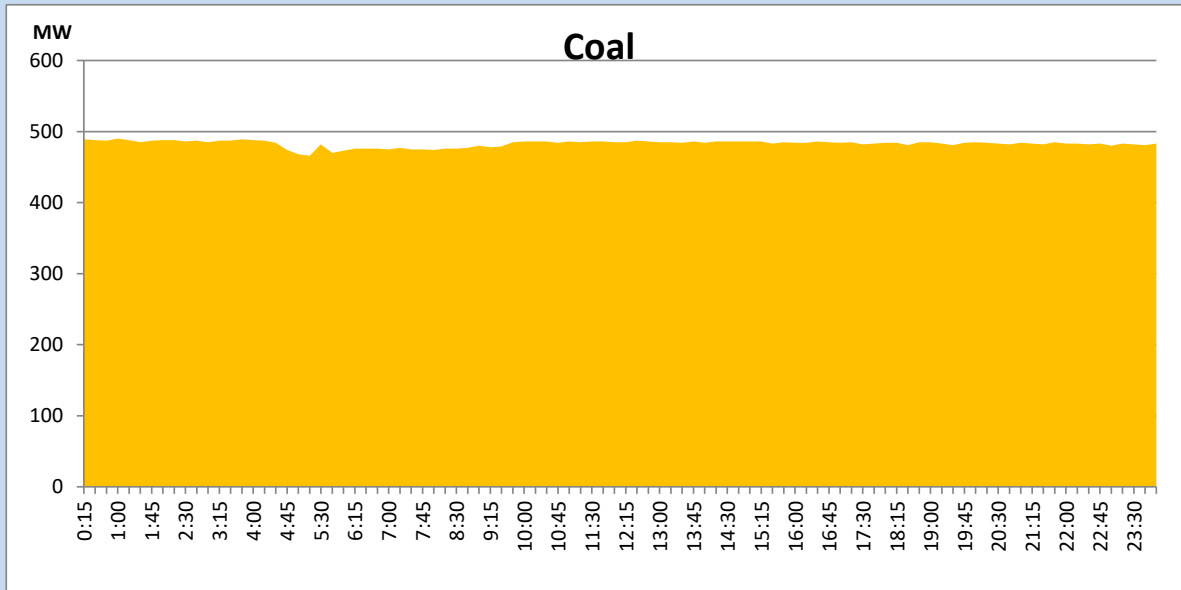
June 25, 2022

Solar and wind data is based on Telemetered Power Stations only



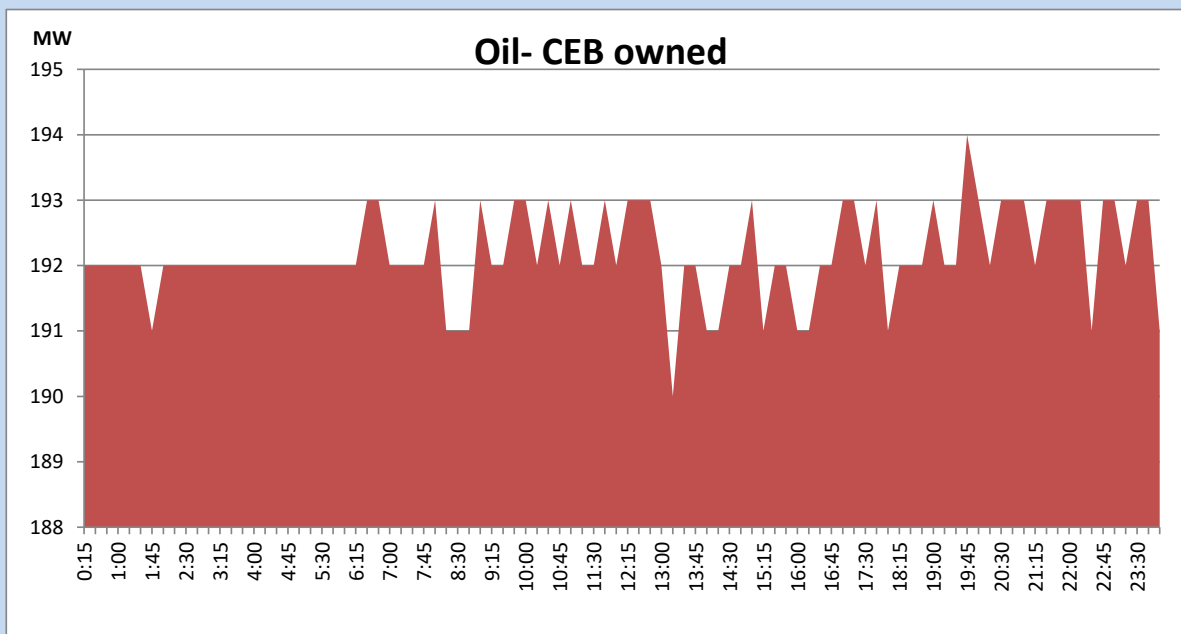
## Coal Generation during the Previous day

June 25, 2022



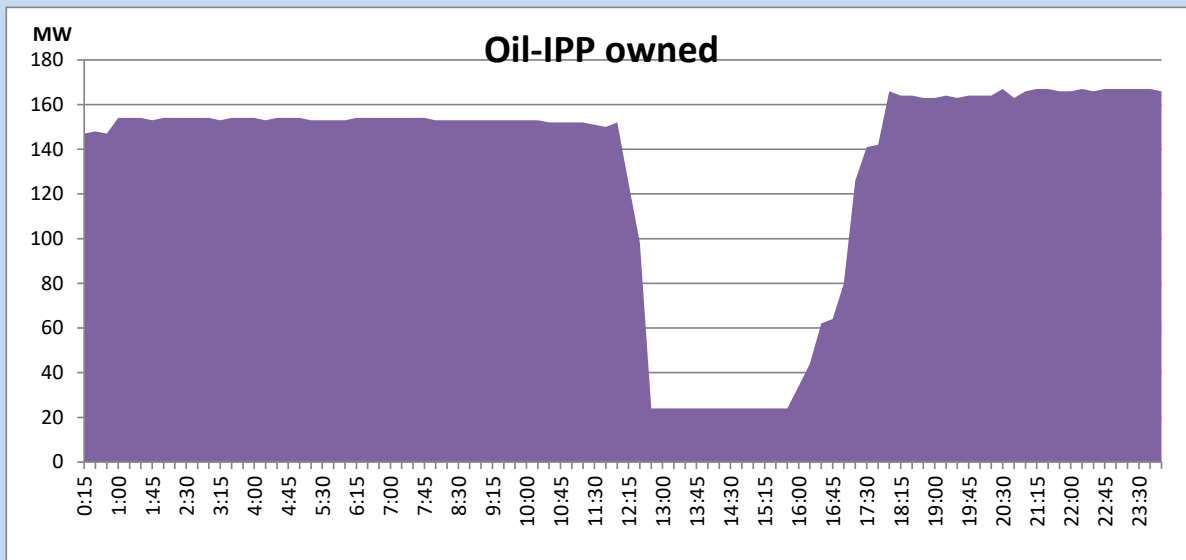
## CEB Oil Plant Generation during the Previous day

June 25, 2022



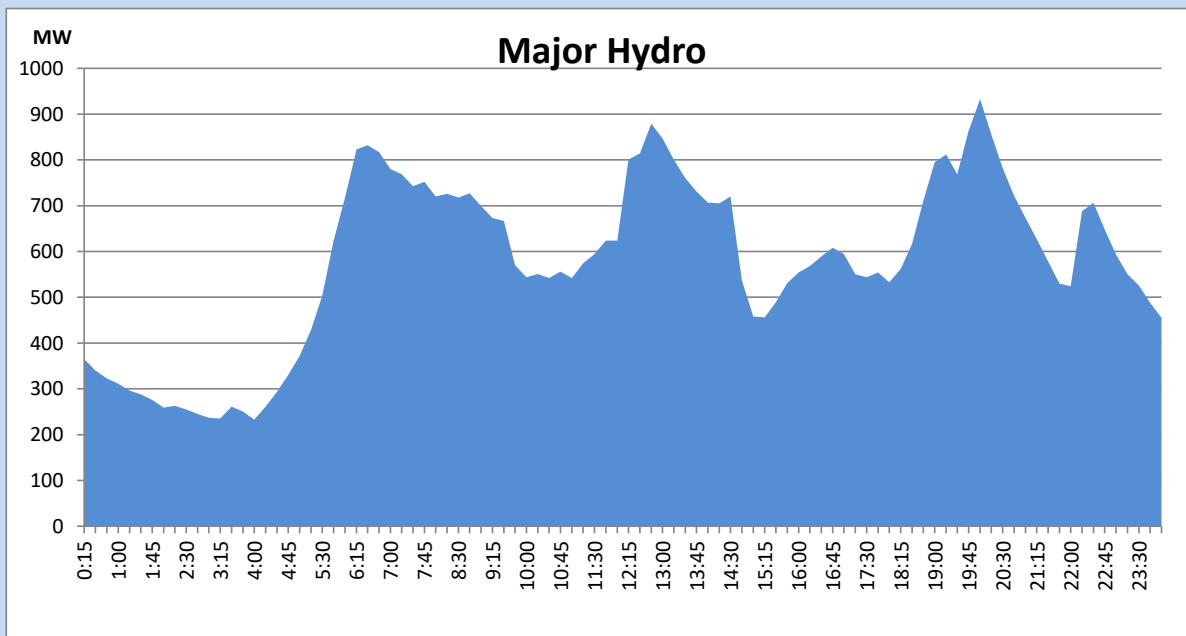
## IPP Oil Plant Generation during the Previous day

June 25, 2022



## Major Hydro Generation during the Previous day

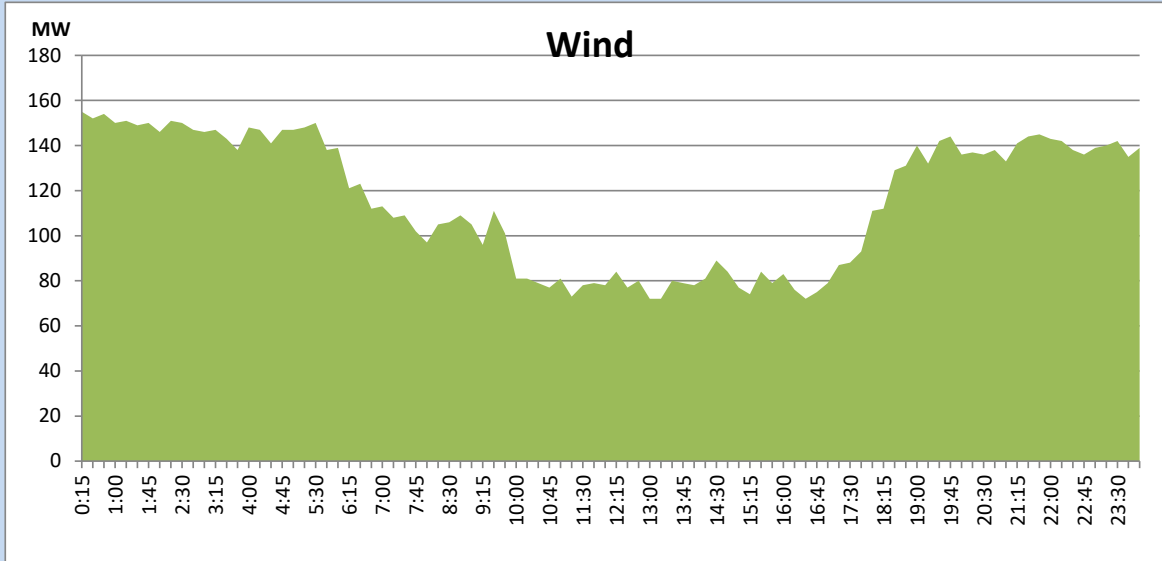
June 25, 2022



## Wind Generation during the Previous day

June 25, 2022

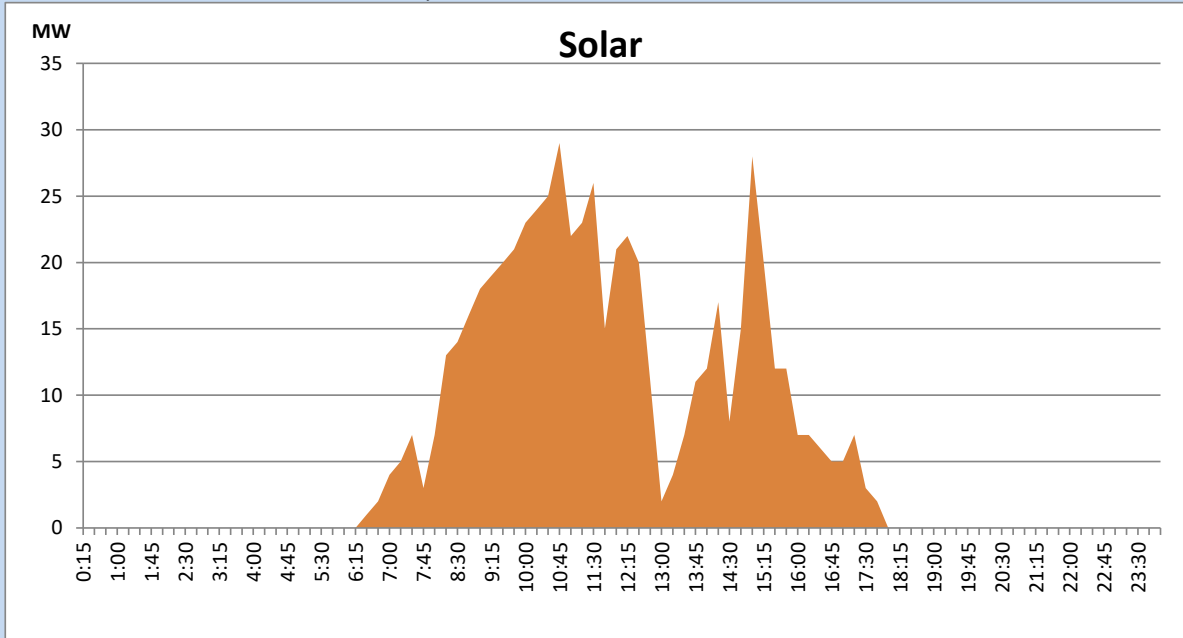
Based on Telemetered Power Stations only



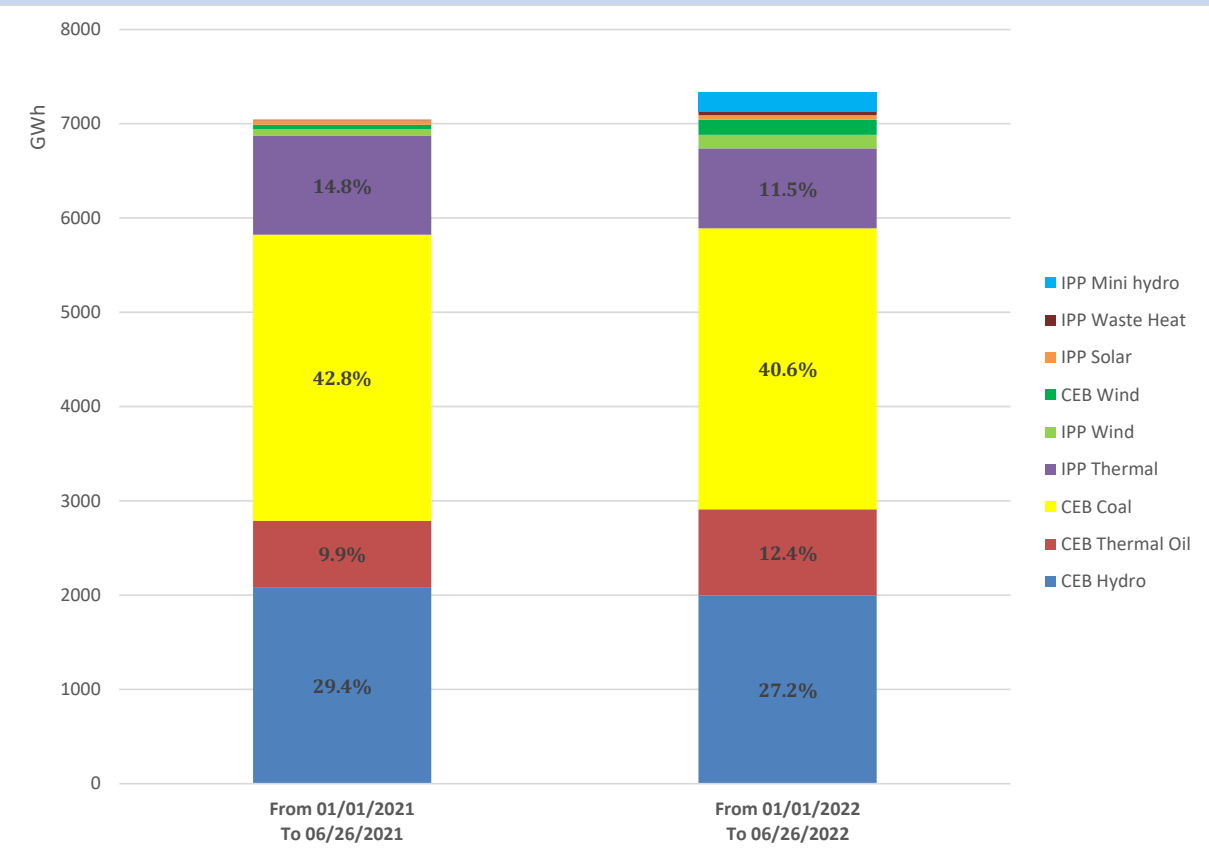
## Solar Generation during the Previous day

June 25, 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 27, 2022

- 1) Rotational manual load shedding was carried out from 14:00hrs to 22:00hrs.