

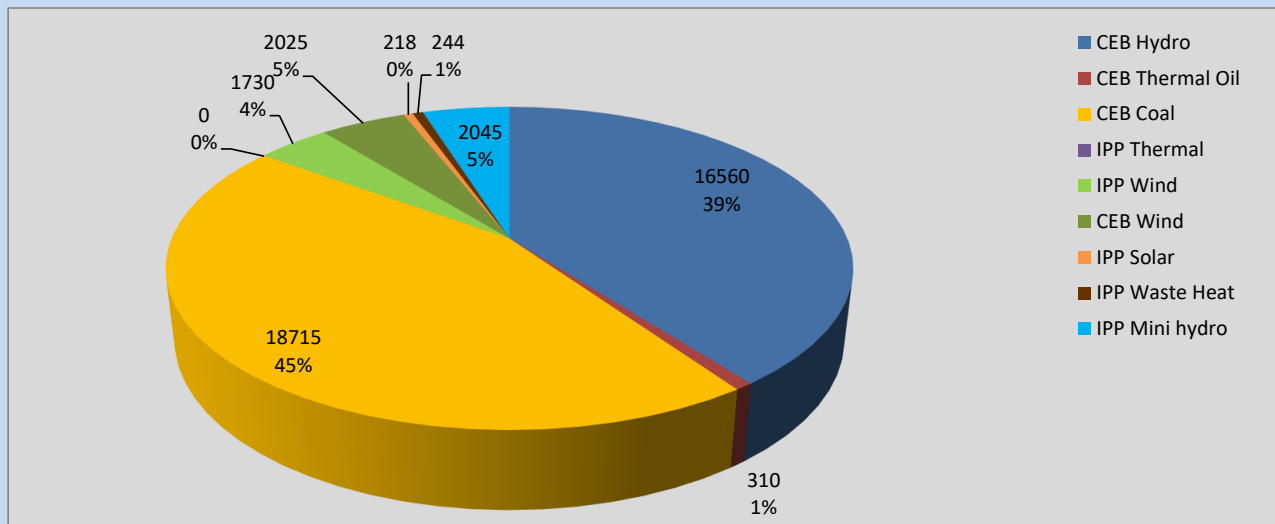
# Generation and Reservoirs Statistics

June 7, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

## Daily Generation Mix in MWh



**Total Generation** **41,847 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

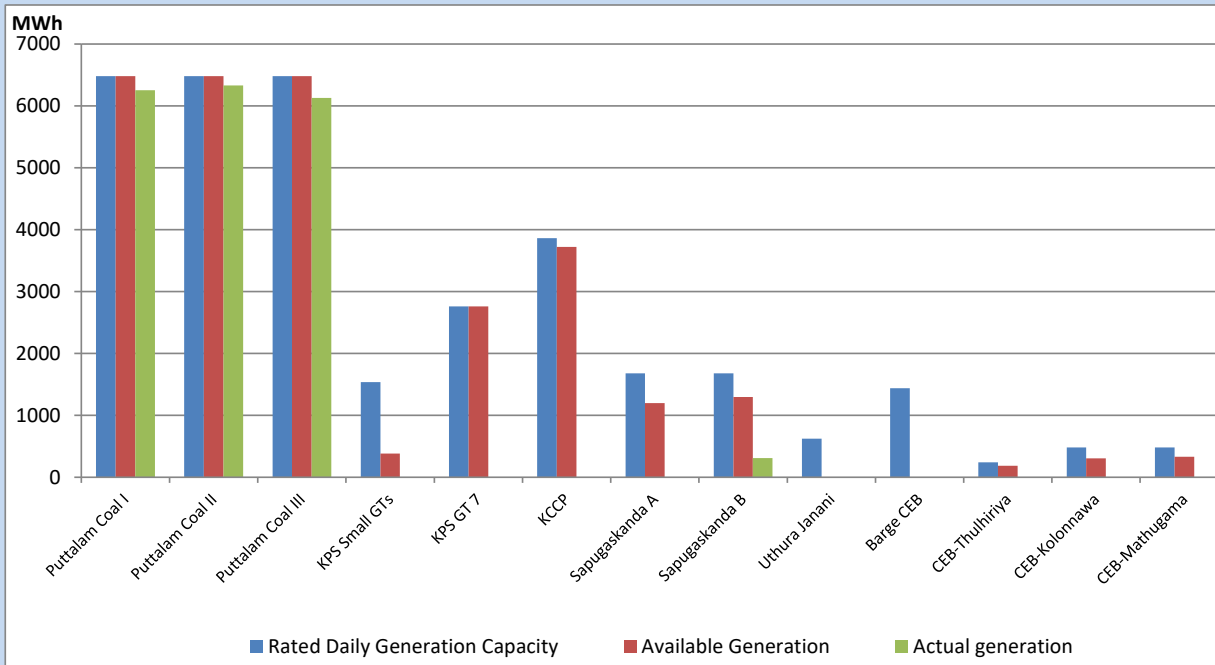
Category	Dispatch (GWh)	
CEB Hydro	113.48	40.44%
CEB Thermal Oil	0.57	0.20%
CEB Coal	121.19	43.19%
IPP Thermal	0.00	0.00%
SPP Wind	13.30	4.74%
CEB Wind	13.82	4.93%
SPP Solar	1.38	0.49%
SPP Solid Waste	1.27	0.45%
Mini Hydro	15.59	5.56%
<b>Total</b>	<b>280.60</b>	

### For Current Year

Category	Dispatch (GWh)	
CEB Hydro	1,722.5	26.20%
CEB Thermal Oil	859.1	13.07%
CEB Coal	2,687.5	40.88%
IPP Thermal	808.5	12.30%
SPP Wind	114.2	1.74%
CEB Wind	130.6	1.99%
SPP Solar	40.4	0.61%
SPP Solid Waste	32.6	0.50%
Mini Hydro	179.3	2.73%
<b>Total</b>	<b>6,574.4</b>	

## CEB owned Thermal Plant Dispatch

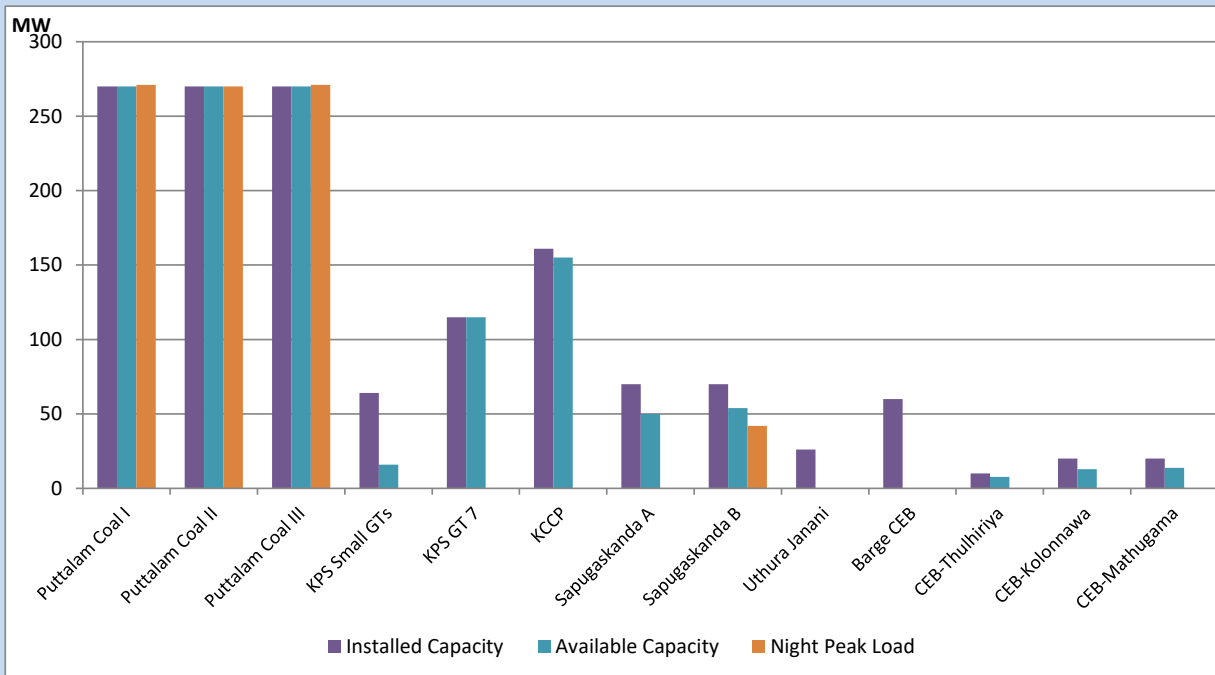
June 7, 2022



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

June 8, 2022

## CEB owned Thermal Plant Loading at the Night Peak



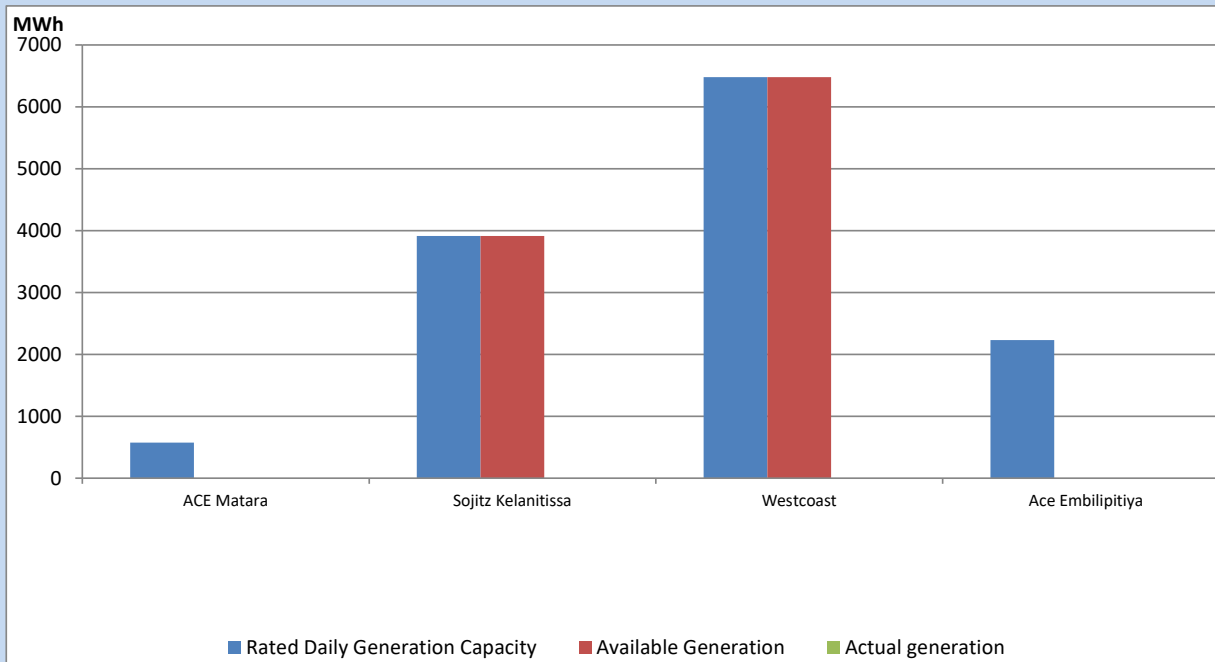
Note- Plant availability is recorded at 6.00 am on

June 8, 2022

## IPP owned Thermal Plant Dispatch

June 7, 2022

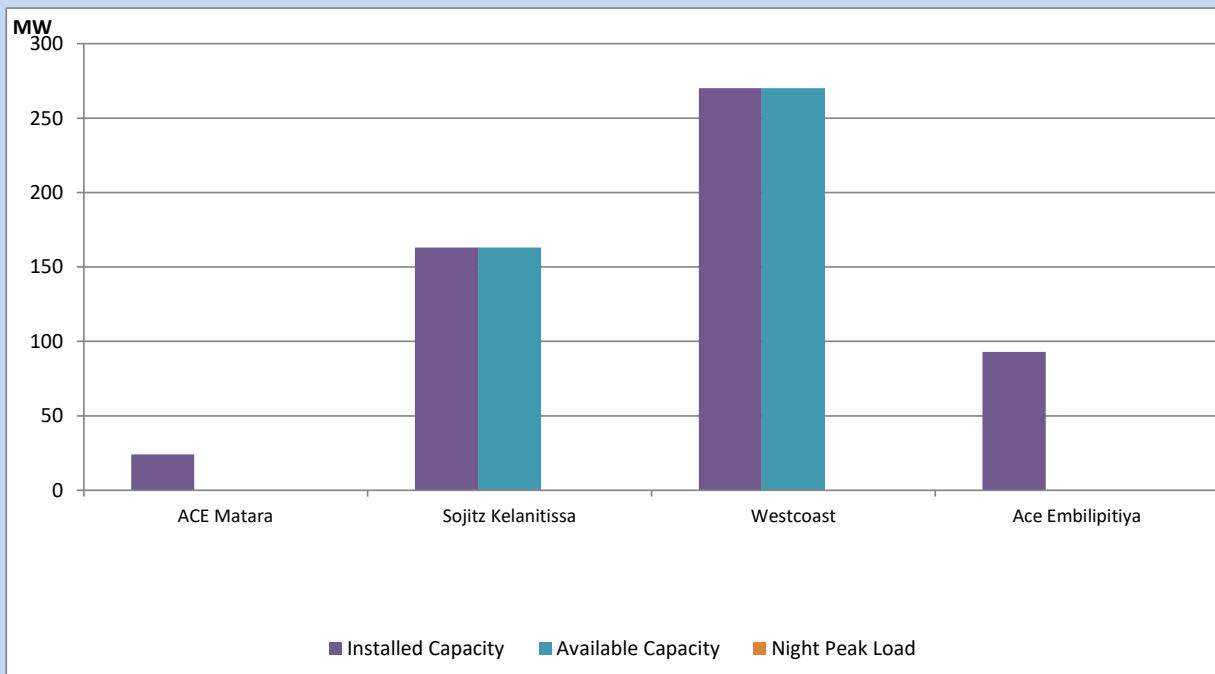
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 8, 2022

## IPP owned Thermal Plant Loading at the Night Peak

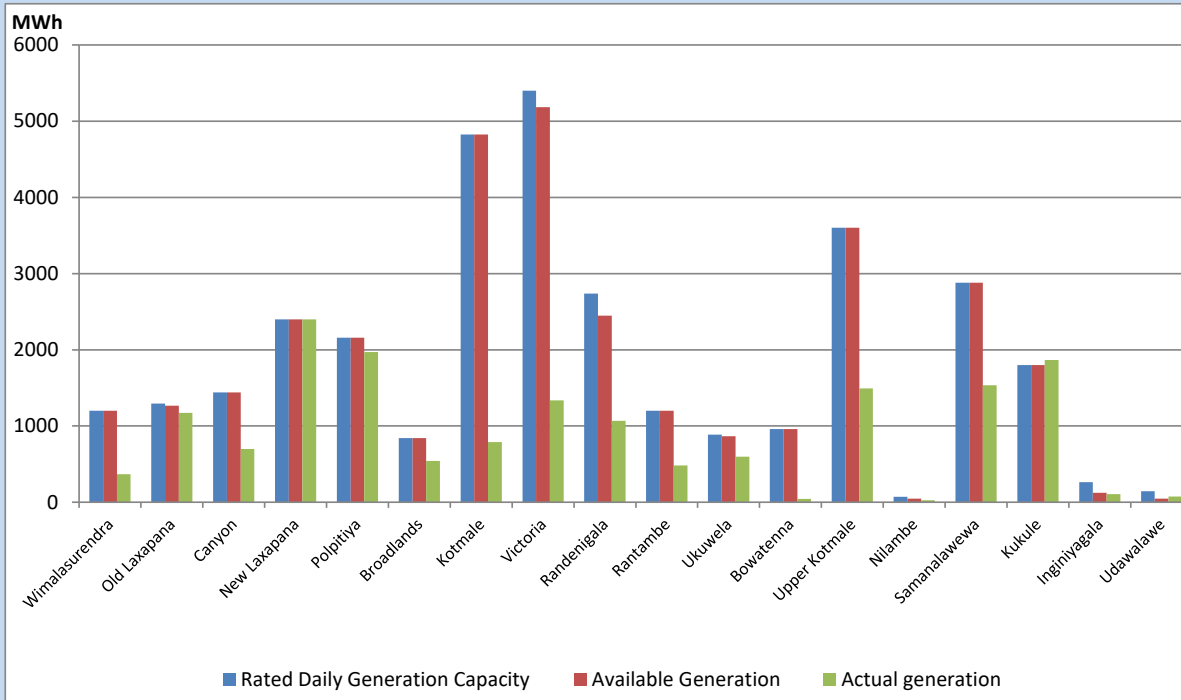


Note- Plant availability is recorded at 6.00 am on

June 8, 2022

## Major Hydro Plant Dispatch

June 7, 2022

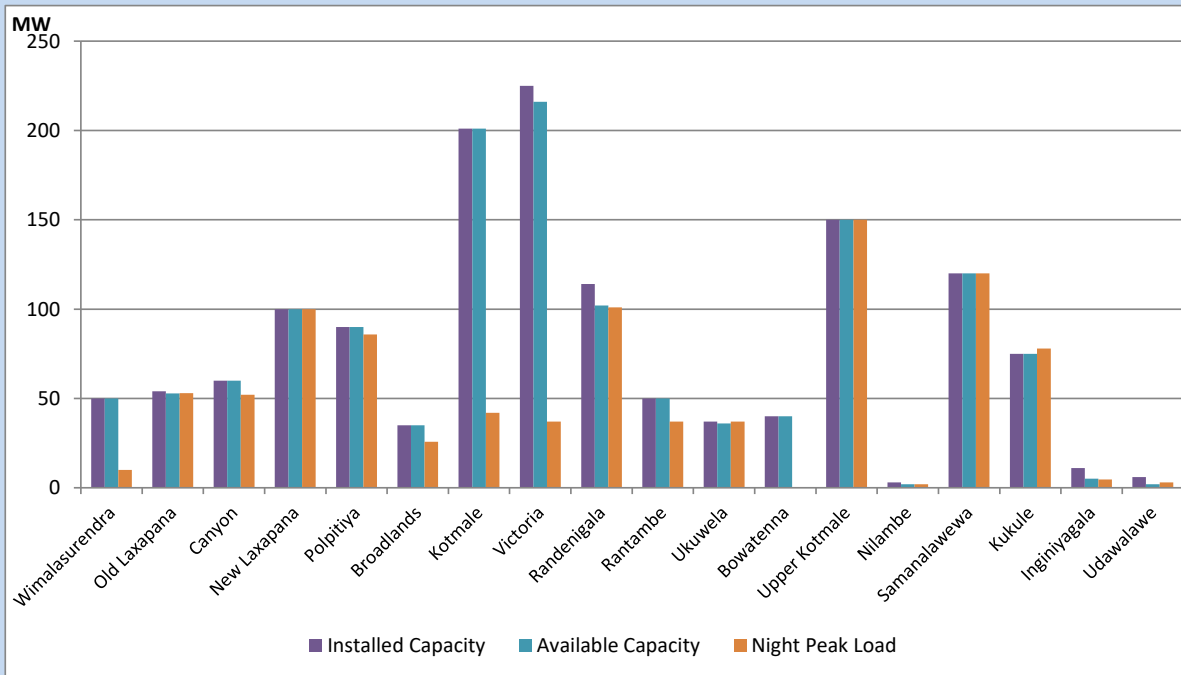


Available Generation is estimated based on plant availability at 6.00am on June 8, 2022  
 Broadlands power plant is operating in the Commissioning Stage

June 8, 2022

## Major Hydro Plant Loading at Night Peak

June 7, 2022



Note- Plant availability is recorded at 6.00 am on June 8, 2022  
 Broadlands power plant is operating in the Commissioning Stage

## Summary of Major Plant performance

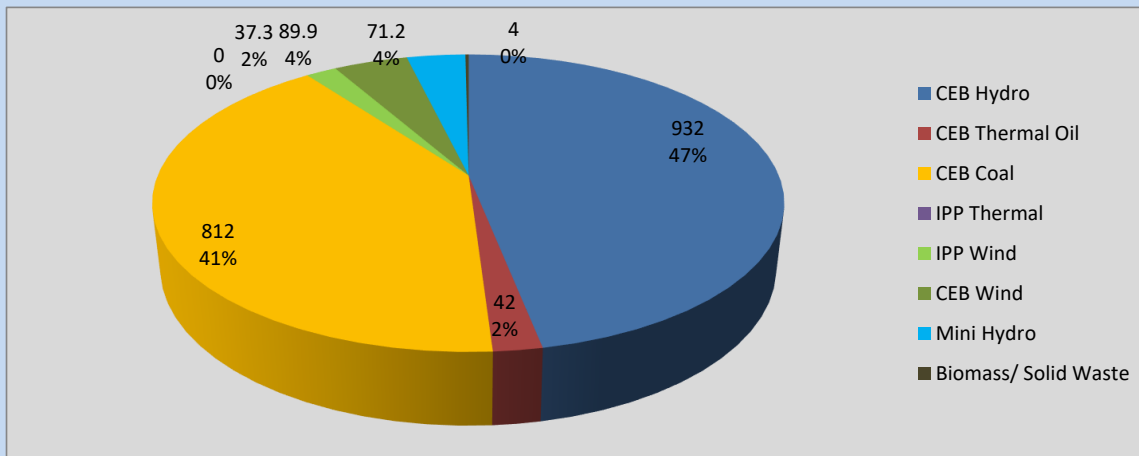
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	10	367
Old Laxapana	54	53	53	1,172
Canyon	60	60	52	699
New Laxapana	100	100	100	2,399
Polpitiya	90	90	86	1,970
Broadlands	35	35	26	541
Kotmale	201	201	42	790
Victoria	225	216	37	1,336
Randenigala	114	102	101	1,067
Rantambe	50	50	37	481
Ukuwela	37	36	37	596
Bowatenna	40	40	0	42
Upper Kotmale	150	150	150	1,493
Nilambe	3	2	2	26
Samanalawewa	120	120	120	1,536
Kukule	75	75	78	1,866
Inginiyagala	11	5	5	106
Udawalawe	6	2	3	73
Puttalam Coal I	270	270	271	6,252
Puttalam Coal II	270	270	270	6,333
Puttalam Coal III	270	270	271	6,130
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	0	0
Sapugaskanda A	70	50	0	0
Sapugaskanda B	70	54	42	310
Uthura Janani	26	0	0	0
Barge CEB	60	0	0	0
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	14	0	0
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	163	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
<b>Total</b>	<b>3,397</b>	<b>3,054</b>	<b>1,995</b>	<b>41,847</b>

Plant availability is the availability recorded at 6 am on

June 8, 2022

## Contribution to the Night Peak in MW

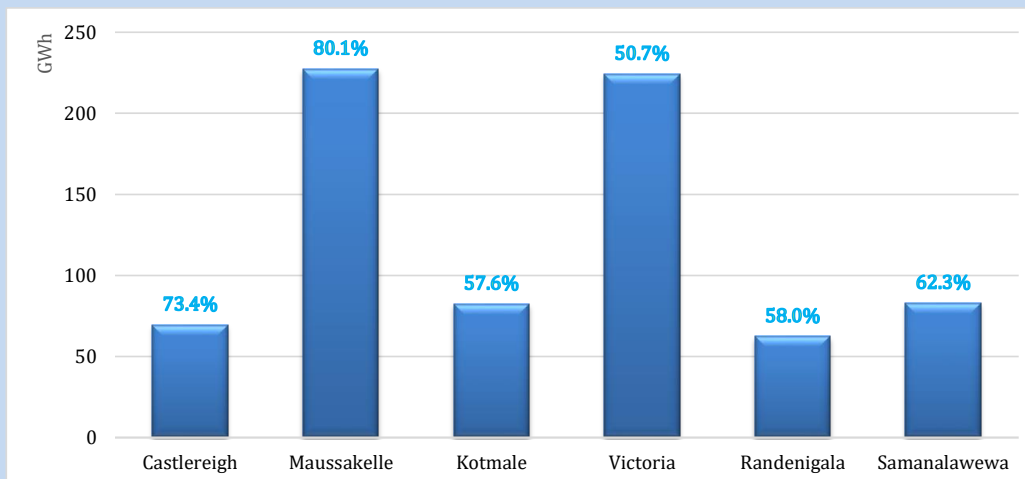
June 7, 2022



Night Peak*	1,988.6 MW
Day Peak	1,998.9 MW
Minimum Demand	1,274.2 MW

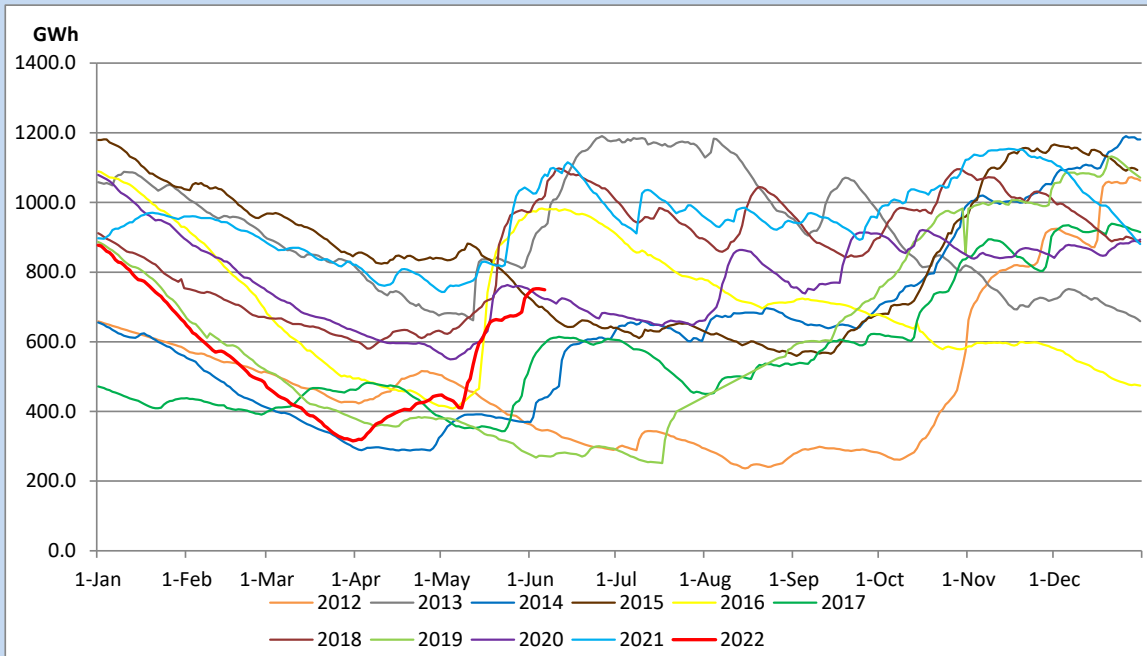
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Reservoir Levels - as at 06.00 Hr on June 8, 2022

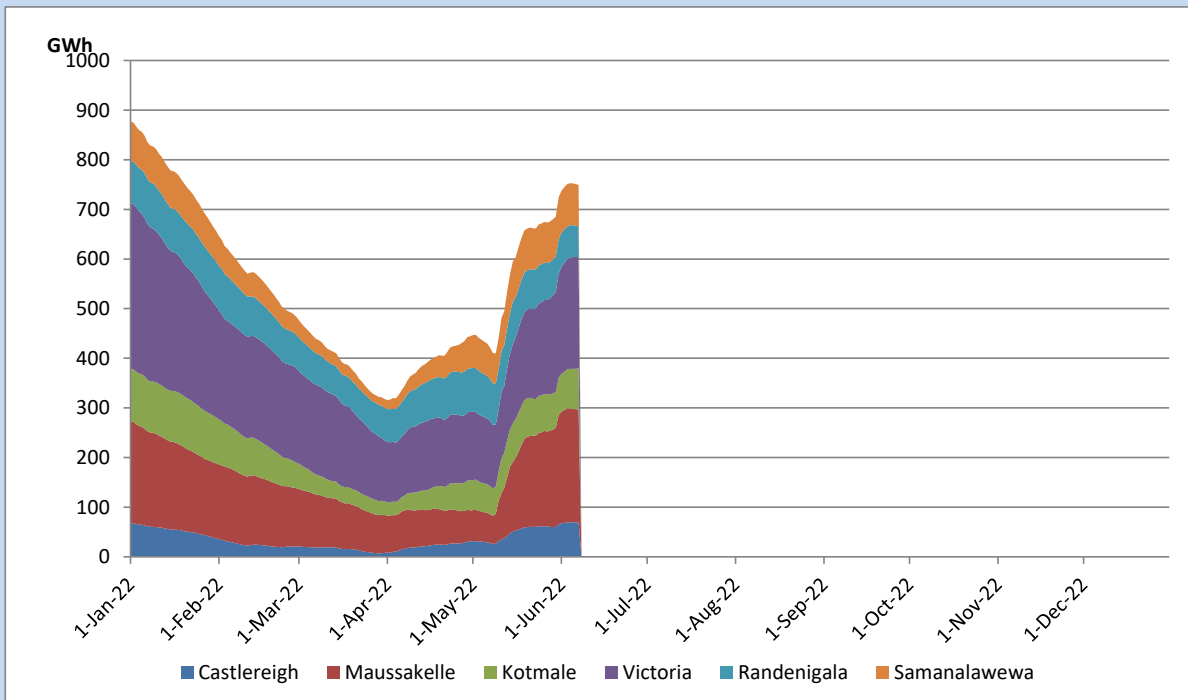


Total Reservoir Level	749.3 GWh
% of Total capacity	62.2%

## Comparison of Total Reservoir Storage Levels with Past Years

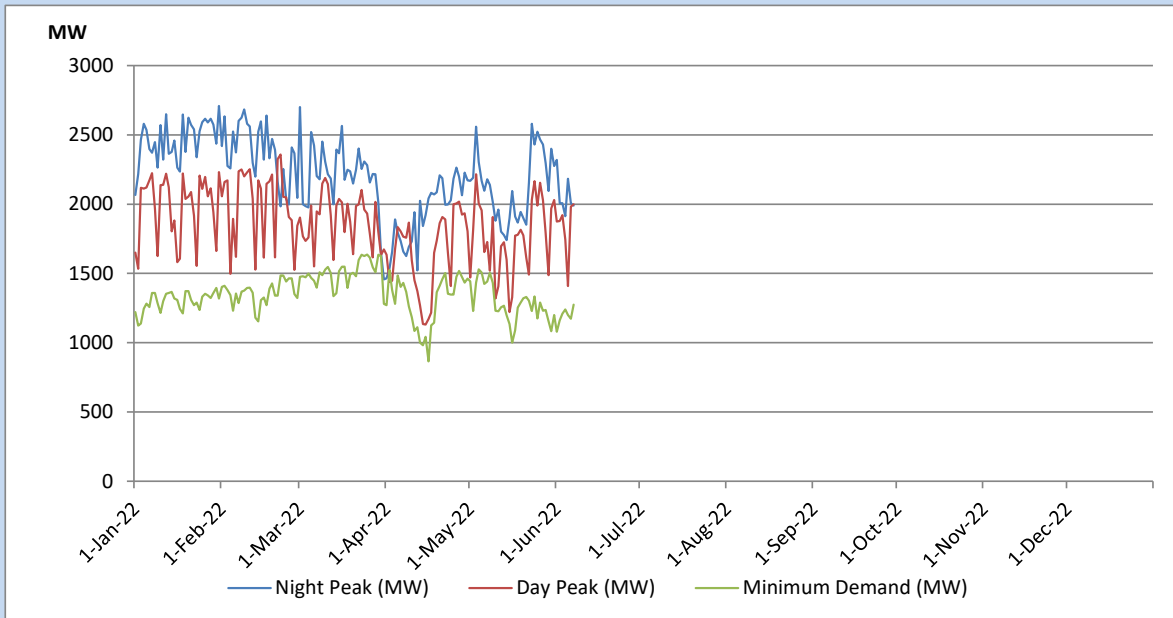


## Variation of Major Hydro Reservoir Levels in the current year (GWh)





## Variation of Demand during the current year

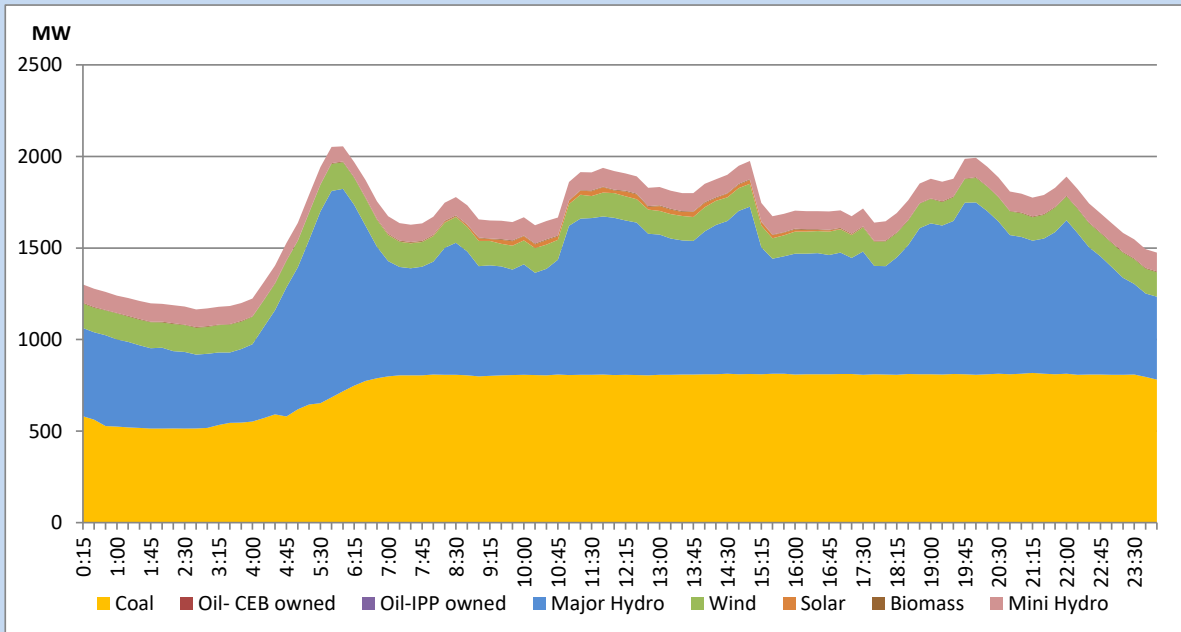


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Daily Load Curve of the Previous day

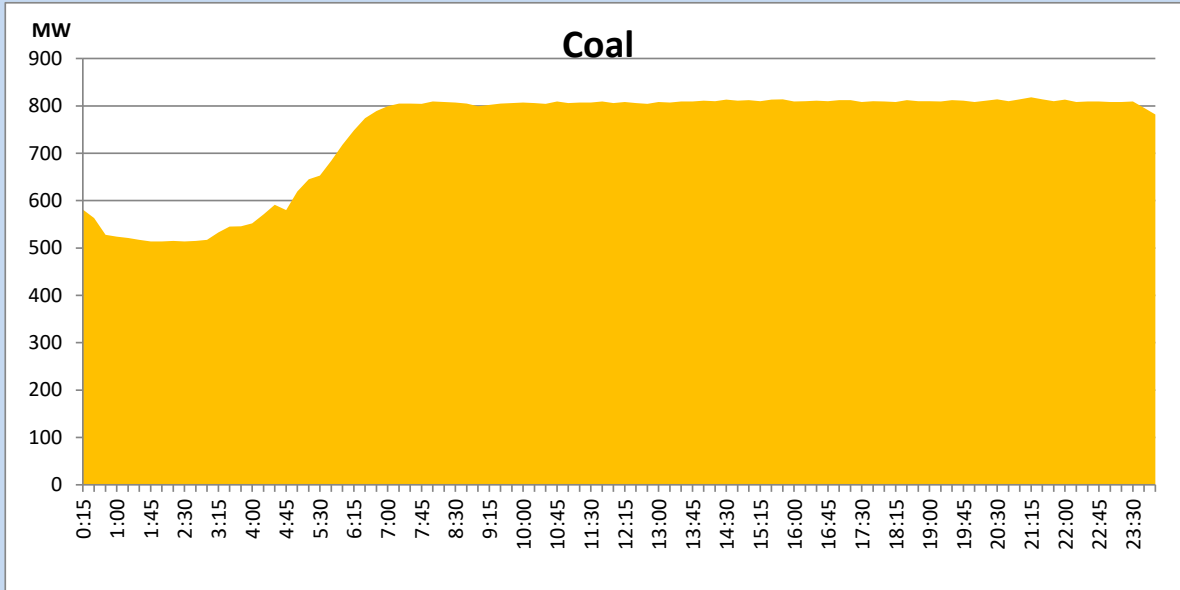
June 6, 2022

Solar and wind data is based on Telemetered Power Stations only



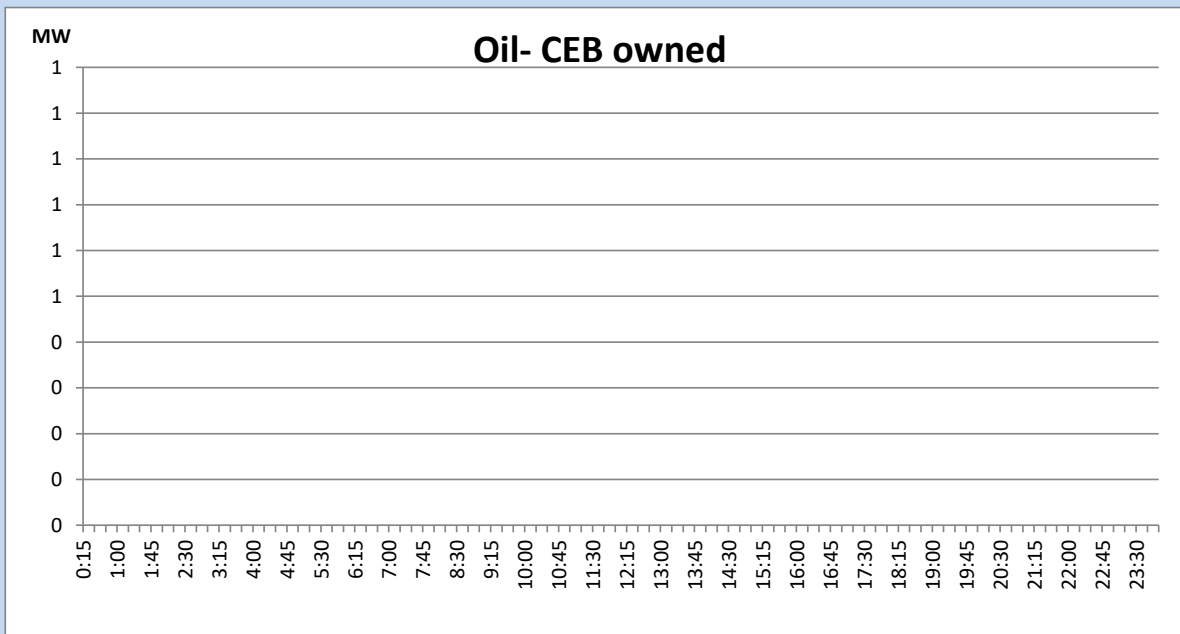
## Coal Generation during the Previous day

June 6, 2022



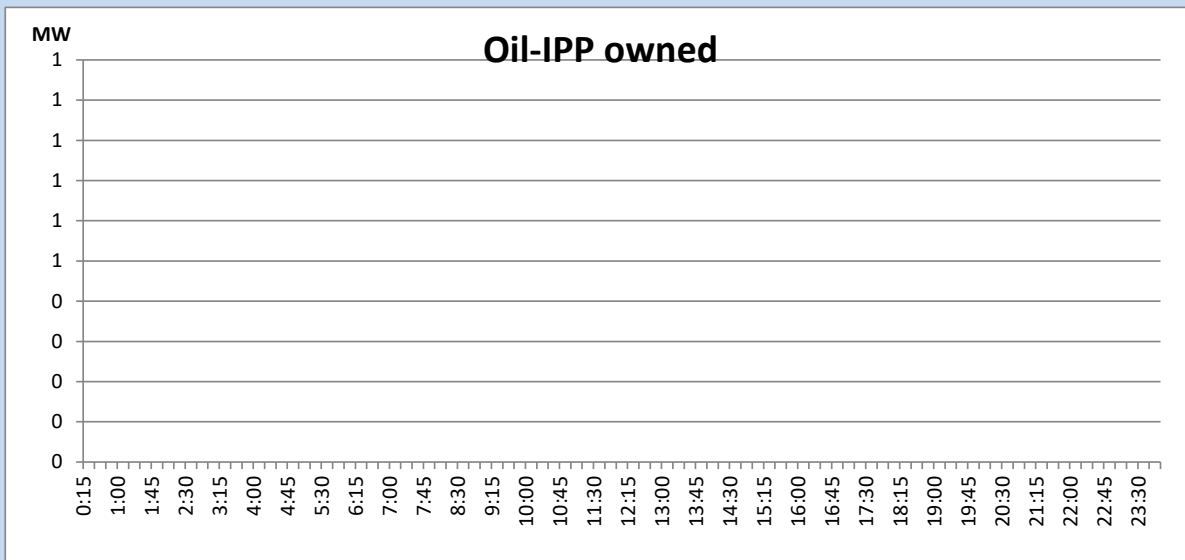
## CEB Oil Plant Generation during the Previous day

June 6, 2022



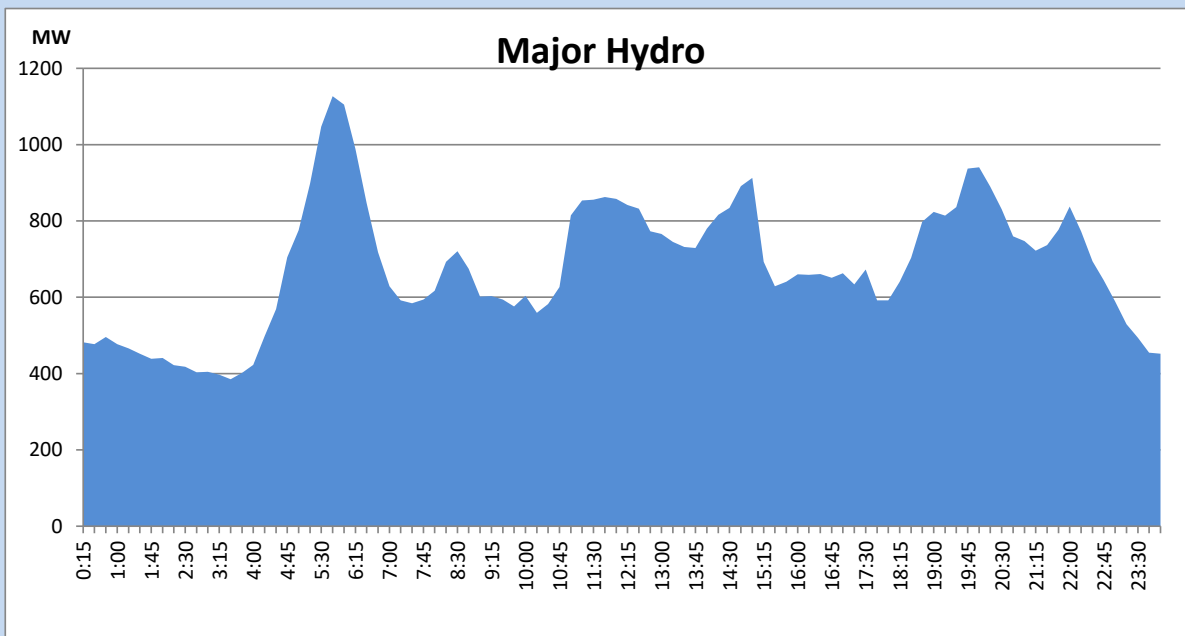
## IPP Oil Plant Generation during the Previous day

June 6, 2022



## Major Hydro Generation during the Previous day

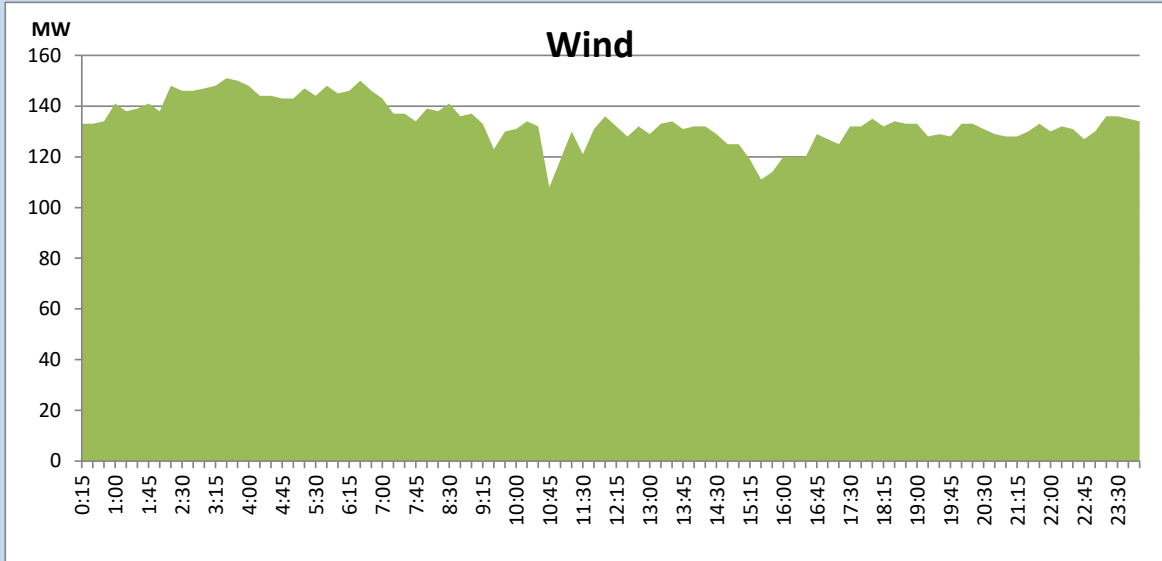
June 6, 2022



## Wind Generation during the Previous day

June 6, 2022

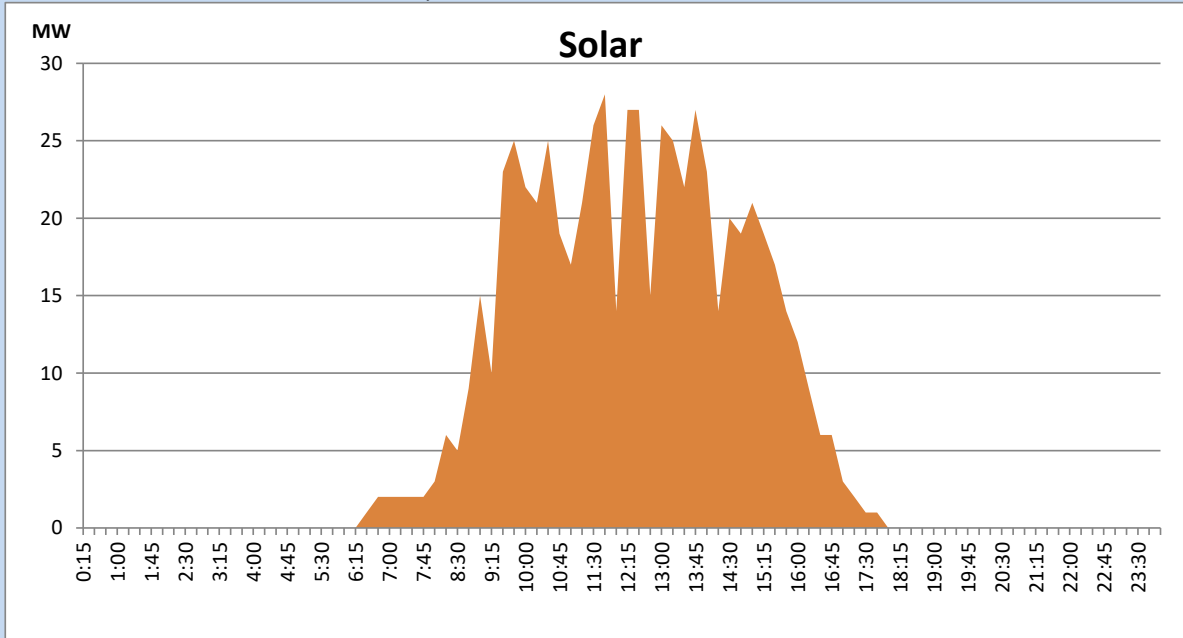
Based on Telemetered Power Stations only



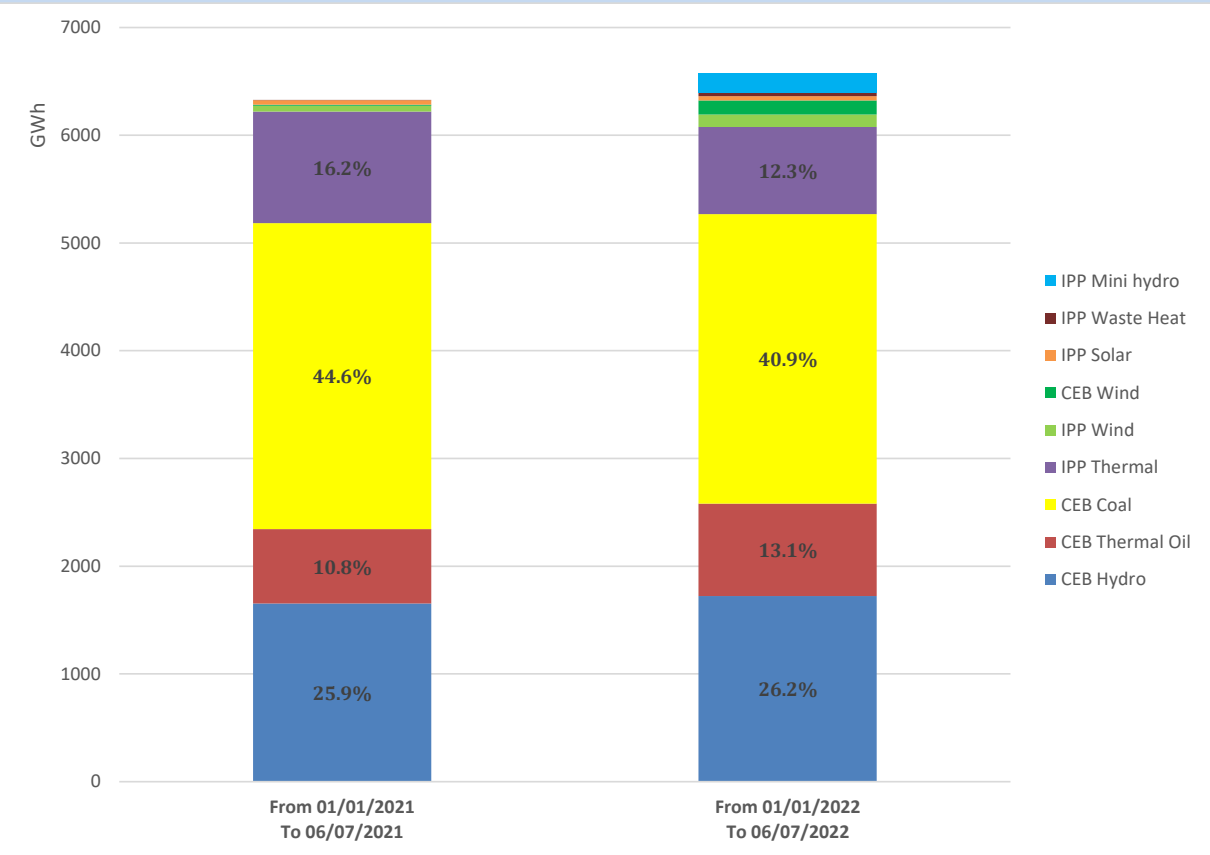
## Solar Generation during the Previous day

June 6, 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 8, 2022

- 1) Rotational manual load shedding was carried out from 6:00hrs to 8:15hrs and 08:30hrs to 21.45hrs.
- 2) Matara-Embilipitiya cct tripped & A/R at 07:25 hrs from both ends due to operation of distance protection.