

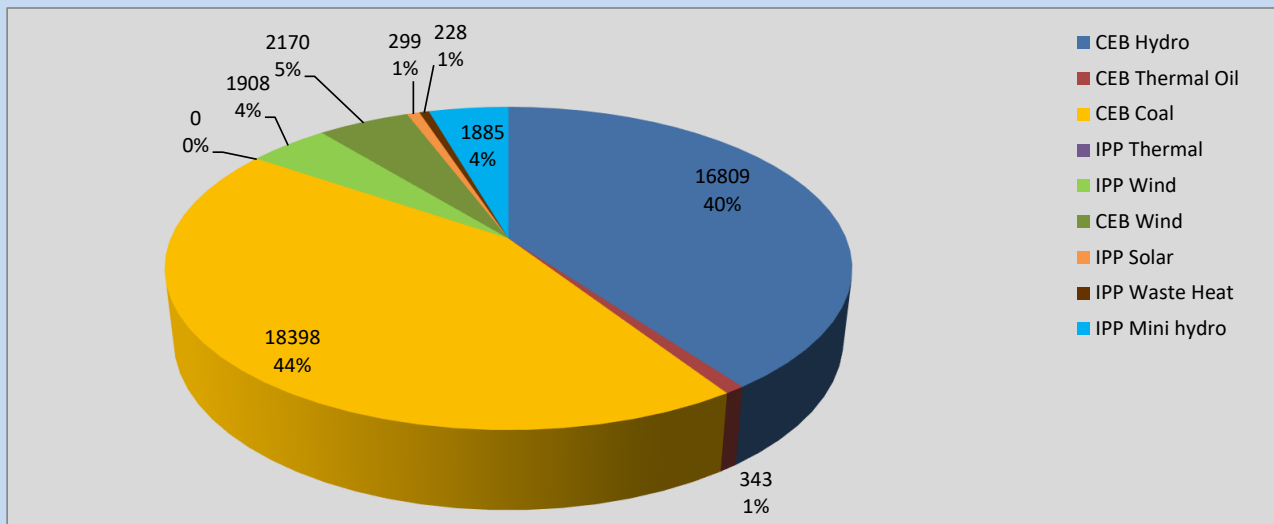
# Generation and Reservoirs Statistics

June 8, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

## Daily Generation Mix in MWh



**Total Generation** **42,040 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

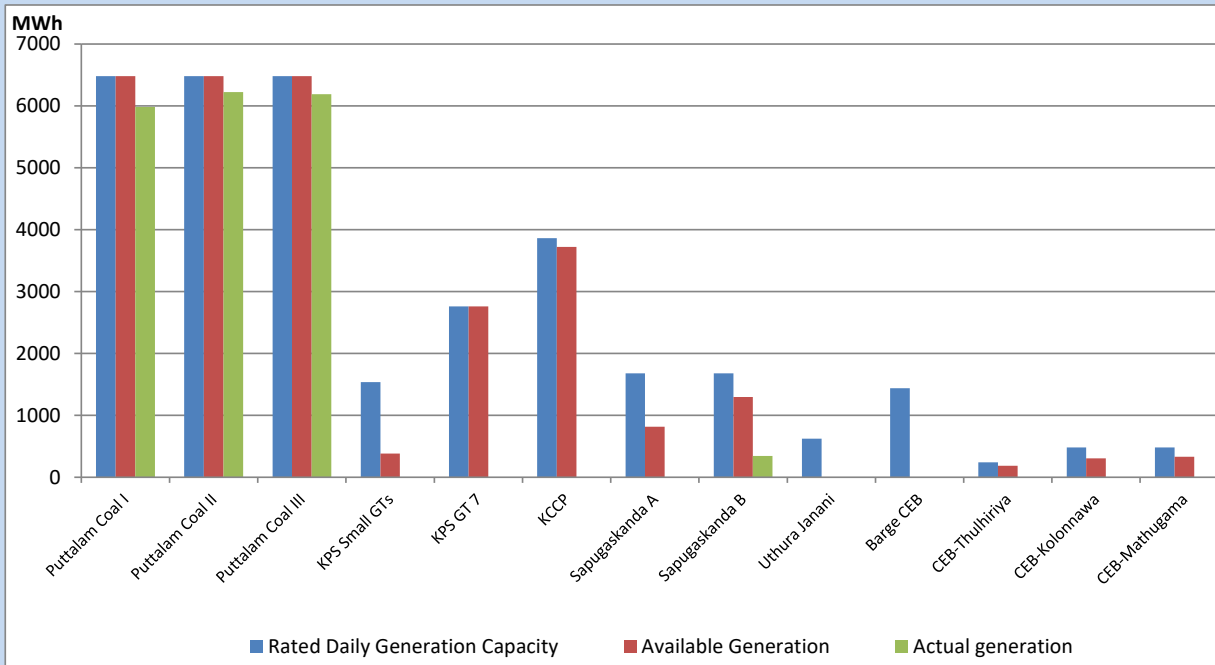
Category	Dispatch (GWh)	Percentage
CEB Hydro	130.29	40.38%
CEB Thermal Oil	0.91	0.28%
CEB Coal	139.59	43.26%
IPP Thermal	0.00	0.00%
SPP Wind	15.21	4.71%
CEB Wind	15.99	4.96%
SPP Solar	1.68	0.52%
SPP Solid Waste	1.50	0.46%
Mini Hydro	17.47	5.41%
<b>Total</b>	<b>322.64</b>	

### For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,739.3	26.29%
CEB Thermal Oil	859.4	12.99%
CEB Coal	2,705.9	40.90%
IPP Thermal	808.5	12.22%
SPP Wind	116.2	1.76%
CEB Wind	132.7	2.01%
SPP Solar	40.7	0.62%
SPP Solid Waste	32.8	0.50%
Mini Hydro	181.2	2.74%
<b>Total</b>	<b>6,616.4</b>	

## CEB owned Thermal Plant Dispatch

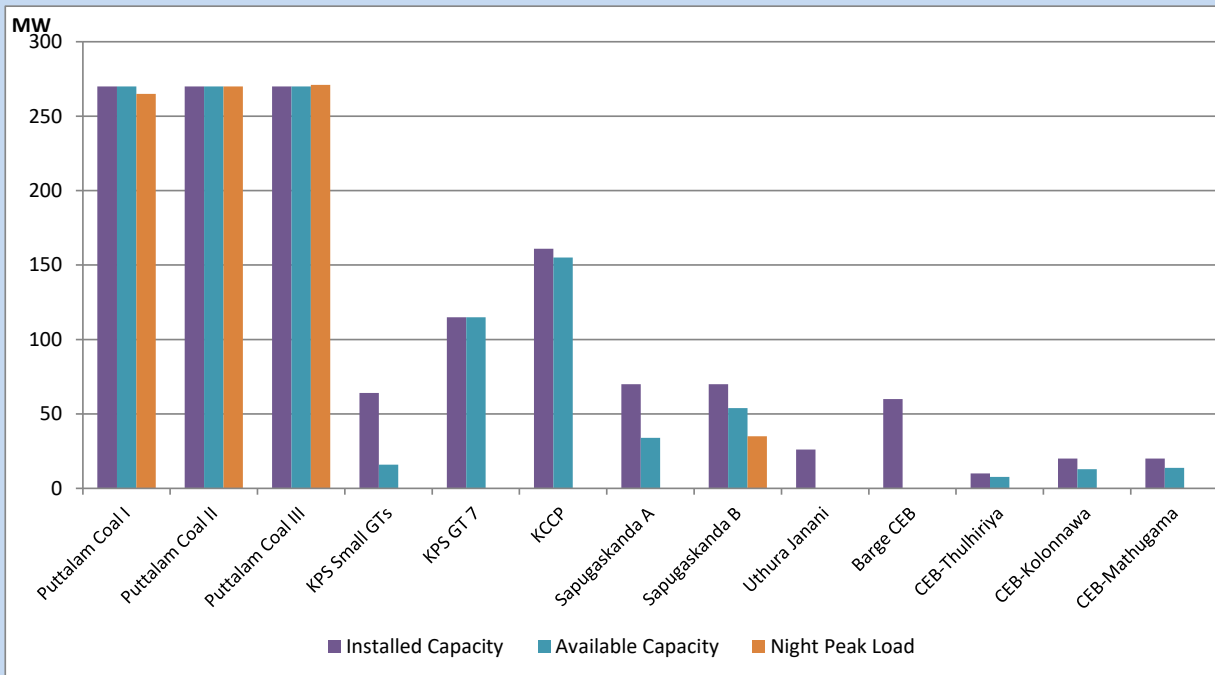
June 8, 2022



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

June 9, 2022

## CEB owned Thermal Plant Loading at the Night Peak



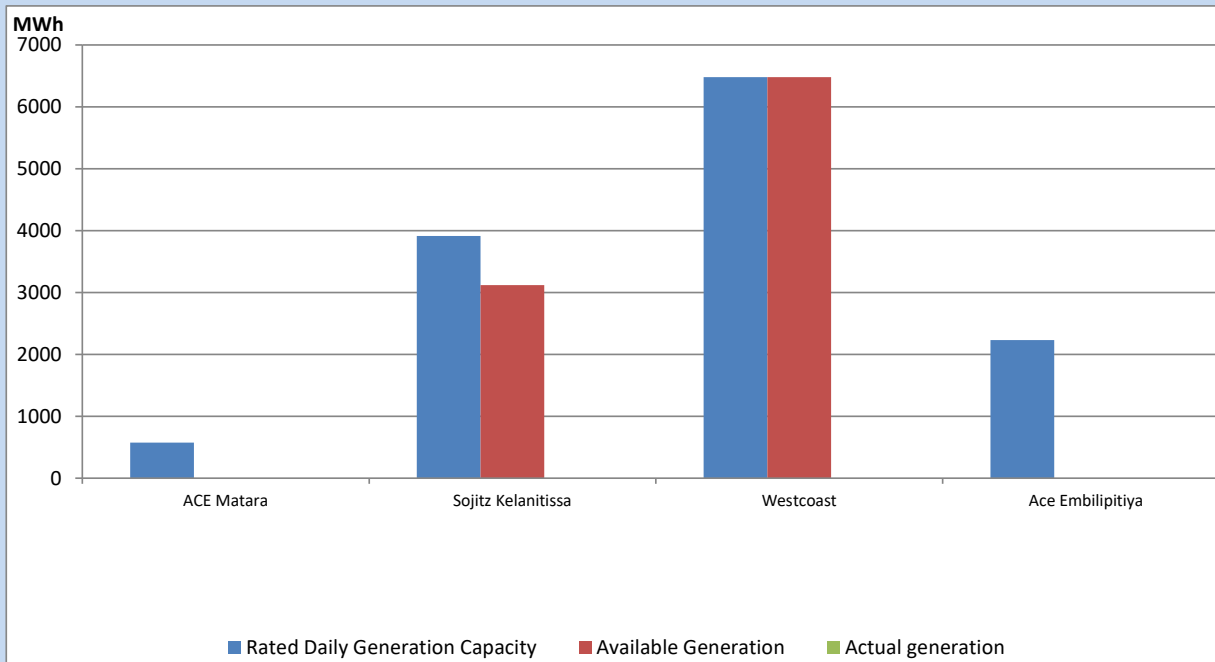
Note- Plant availability is recorded at 6.00 am on

June 9, 2022

## IPP owned Thermal Plant Dispatch

June 8, 2022

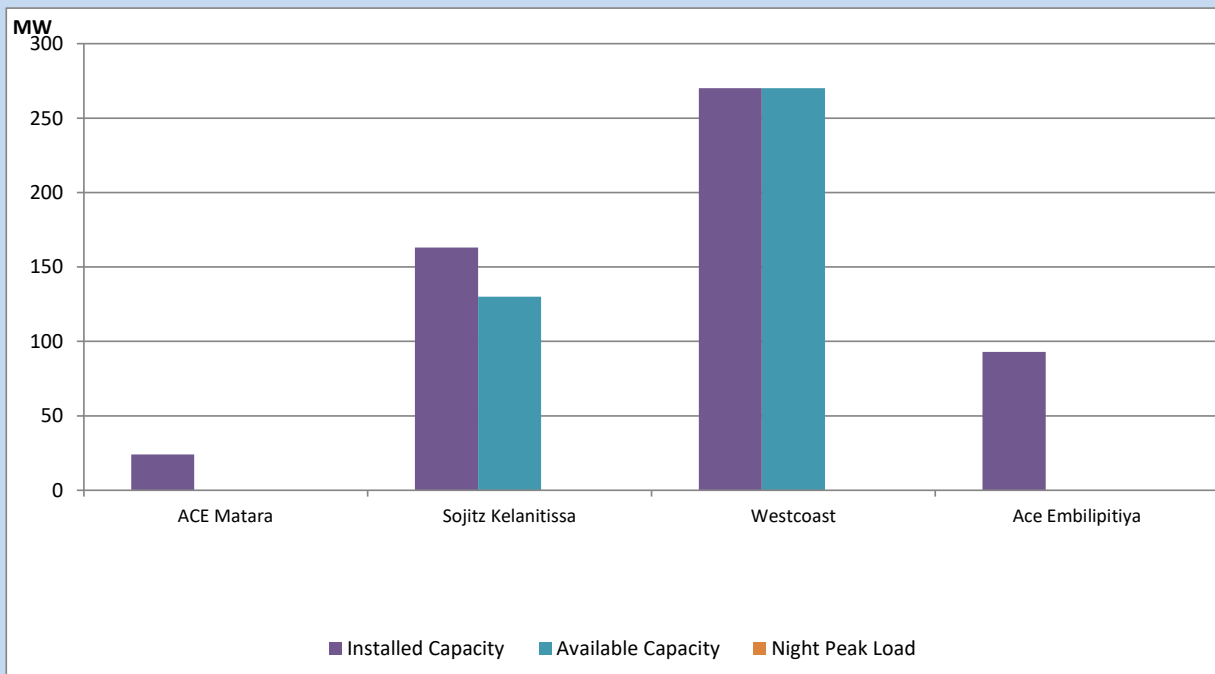
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 9, 2022

## IPP owned Thermal Plant Loading at the Night Peak

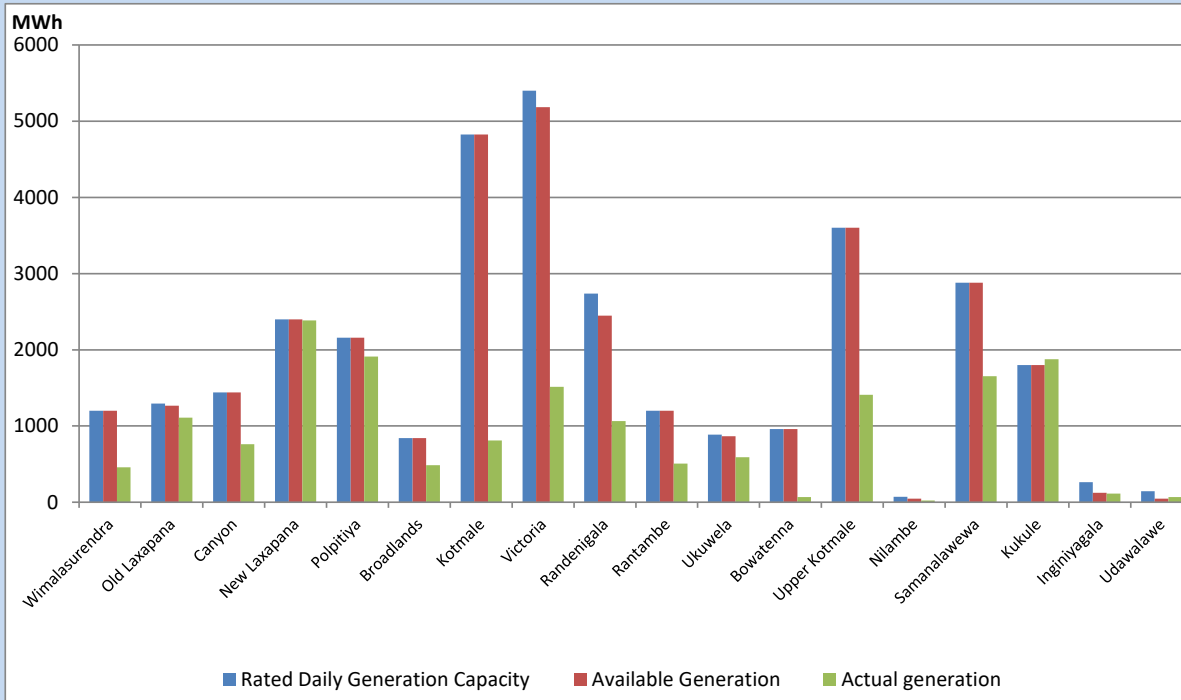


Note- Plant availability is recorded at 6.00 am on

June 9, 2022

## Major Hydro Plant Dispatch

June 8, 2022

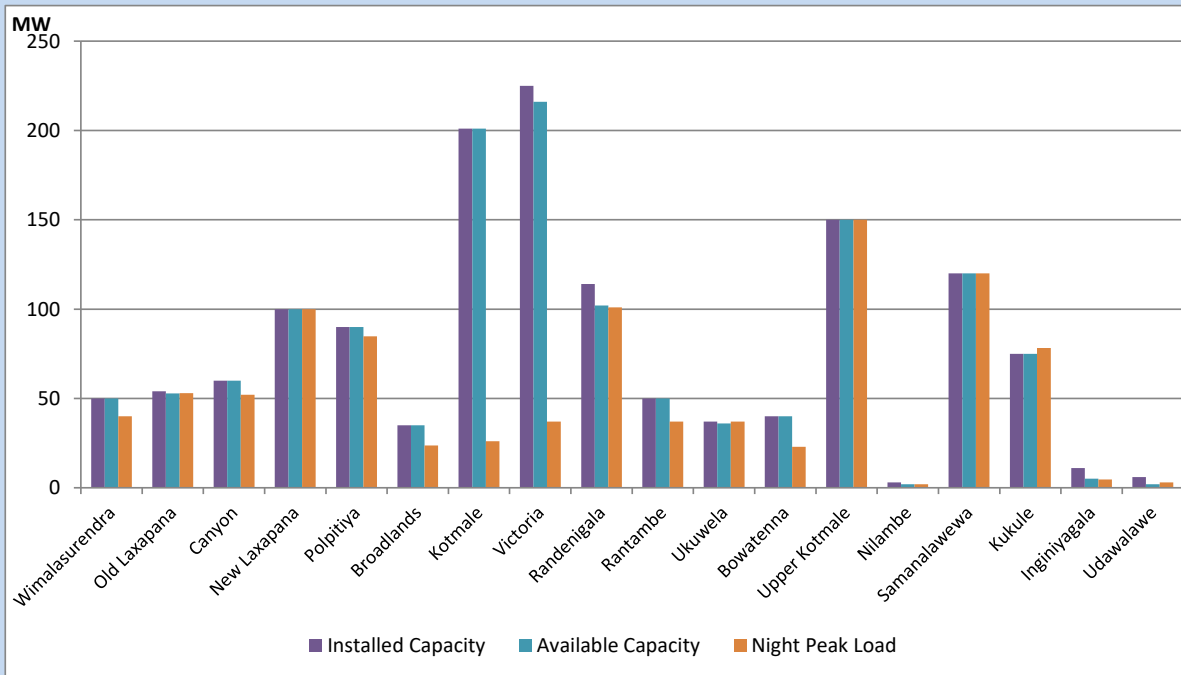


Available Generation is estimated based on plant availability at 6.00am on June 9, 2022  
 Broadlands power plant is operating in the Commissioning Stage

June 9, 2022

## Major Hydro Plant Loading at Night Peak

June 8, 2022



Note- Plant availability is recorded at 6.00 am on June 9, 2022  
 Broadlands power plant is operating in the Commissioning Stage

## Summary of Major Plant performance

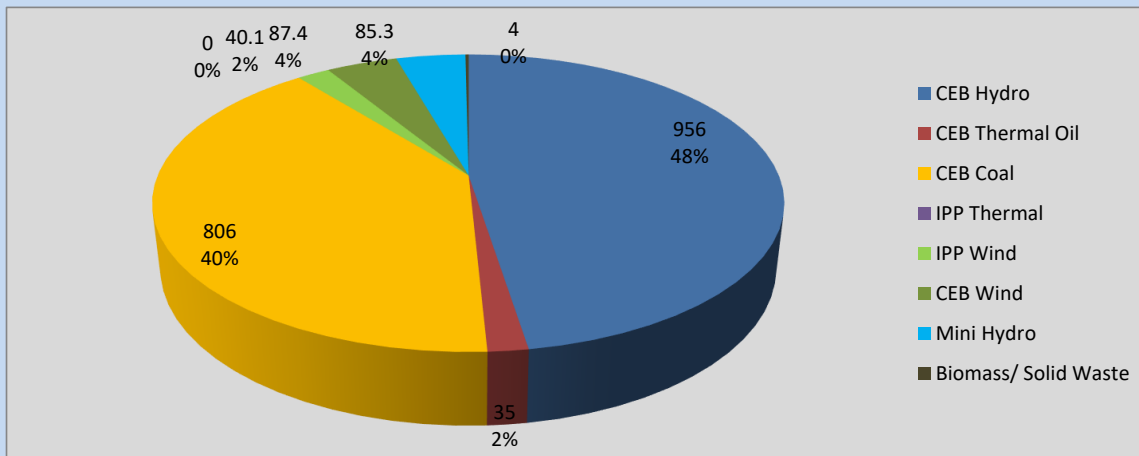
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	40	459
Old Laxapana	54	53	53	1,111
Canyon	60	60	52	761
New Laxapana	100	100	100	2,385
Polpitiya	90	90	85	1,910
Broadlands	35	35	24	487
Kotmale	201	201	26	810
Victoria	225	216	37	1,515
Randenigala	114	102	101	1,066
Rantambe	50	50	37	505
Ukuwela	37	36	37	589
Bowatenna	40	40	23	68
Upper Kotmale	150	150	150	1,411
Nilambe	3	2	2	23
Samanalawewa	120	120	120	1,653
Kukule	75	75	78	1,877
Inginiyagala	11	5	5	112
Udawalawe	6	2	3	67
Puttalam Coal I	270	270	265	5,982
Puttalam Coal II	270	270	270	6,226
Puttalam Coal III	270	270	271	6,190
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	0	0
Sapugaskanda A	70	34	0	0
Sapugaskanda B	70	54	35	343
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	130	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
<b>Total</b>	<b>3,397</b>	<b>3,005</b>	<b>2,030</b>	<b>42,040</b>

Plant availability is the availability recorded at 6 am on

June 9, 2022

## Contribution to the Night Peak in MW

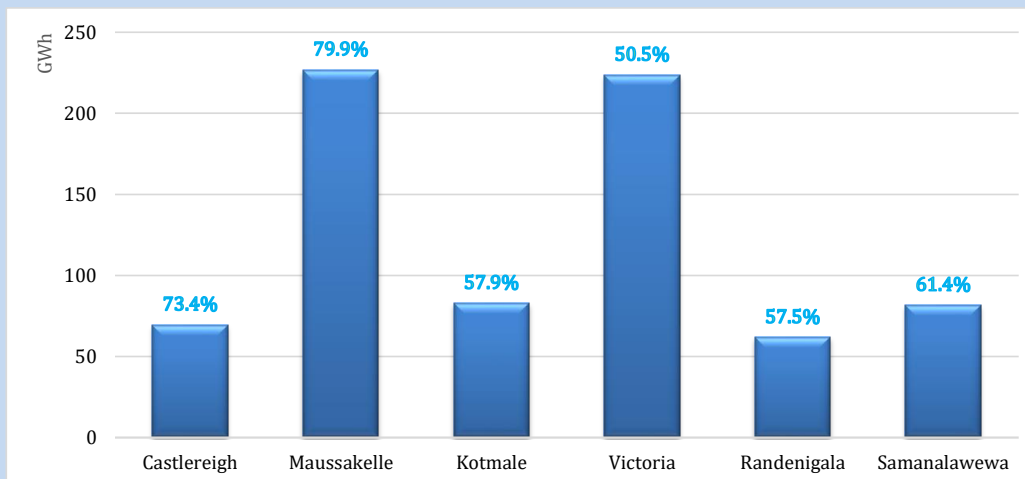
June 8, 2022



Night Peak*	2,014.0 MW
Day Peak	1,961.5 MW
Minimum Demand	1,249.3 MW

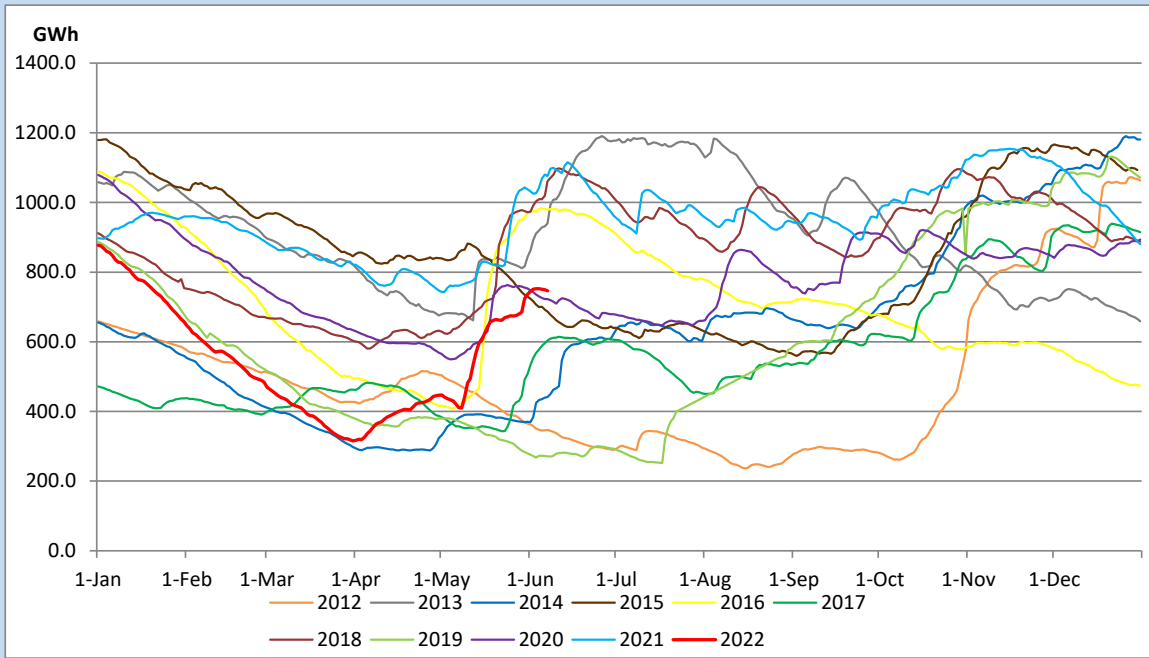
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Reservoir Levels - as at 06.00 Hr on June 9, 2022

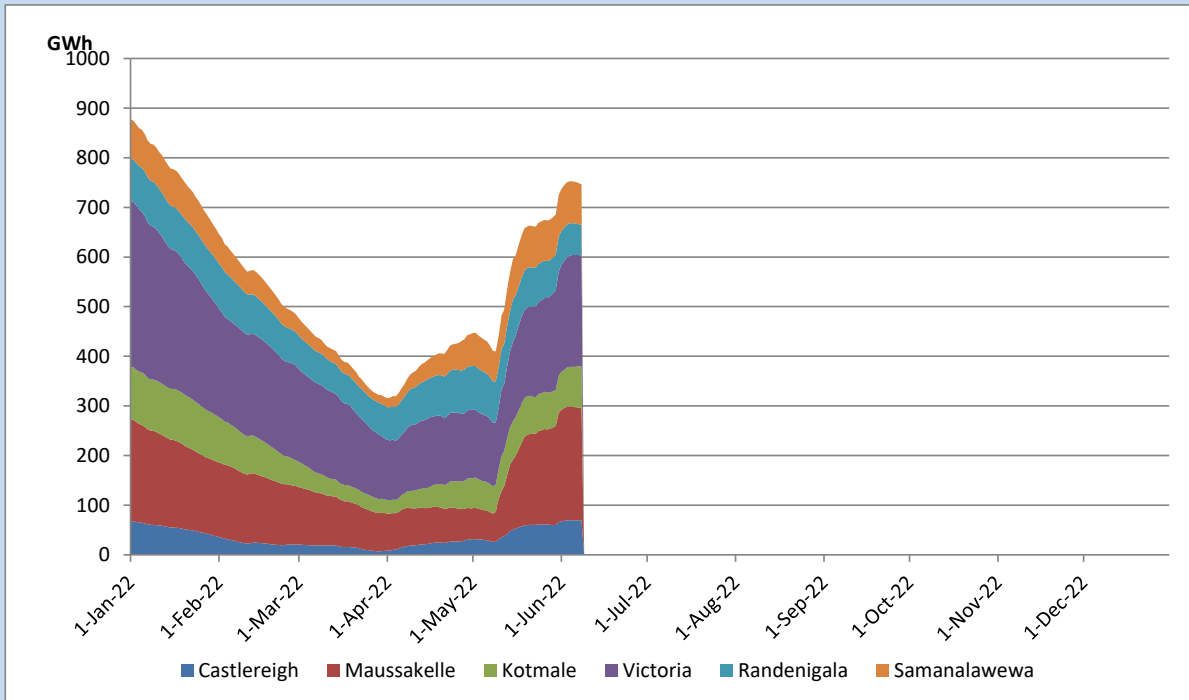


Total Reservoir Level	746.6 GWh
% of Total capacity	61.9%

## Comparison of Total Reservoir Storage Levels with Past Years

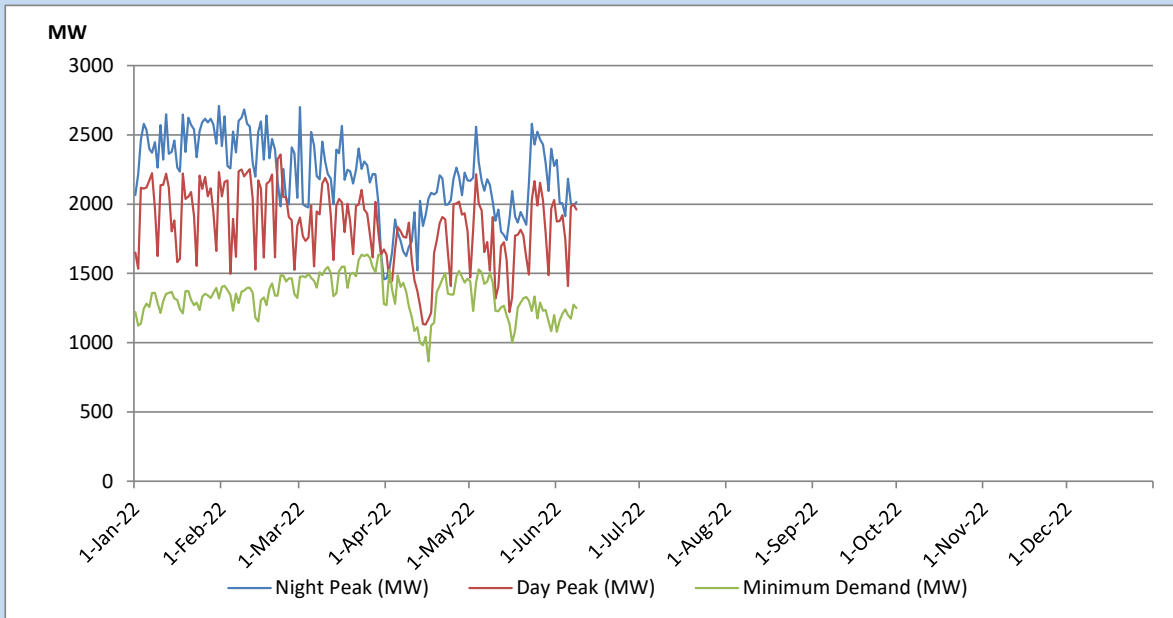


## Variation of Major Hydro Reservoir Levels in the current year (GWh)





## Variation of Demand during the current year

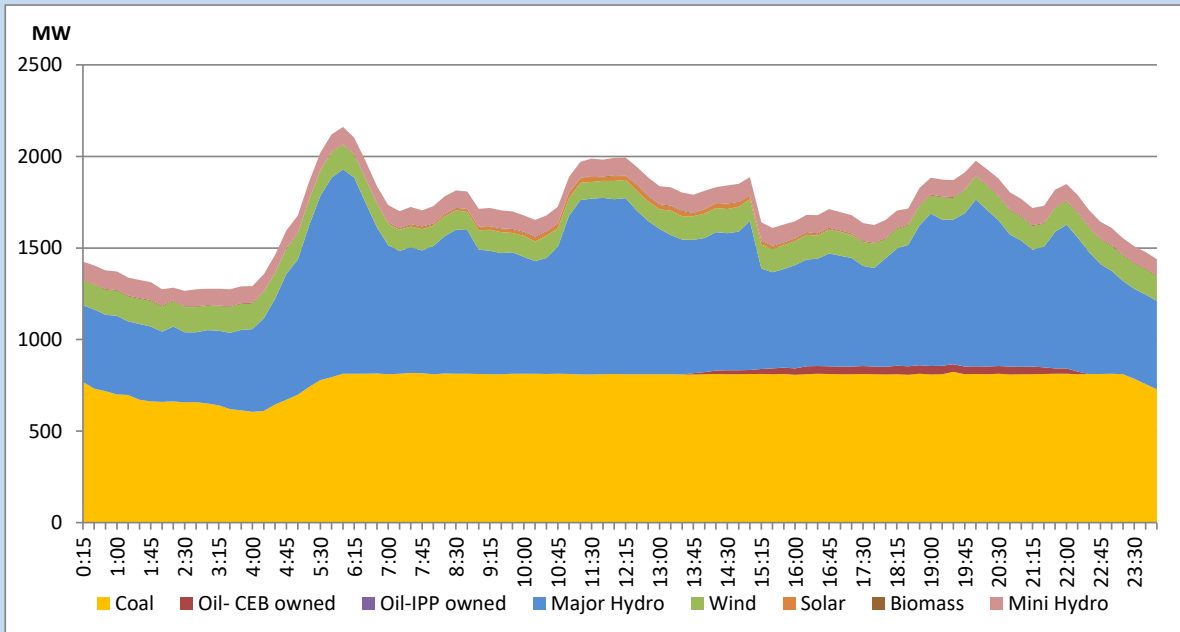


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Daily Load Curve of the Previous day

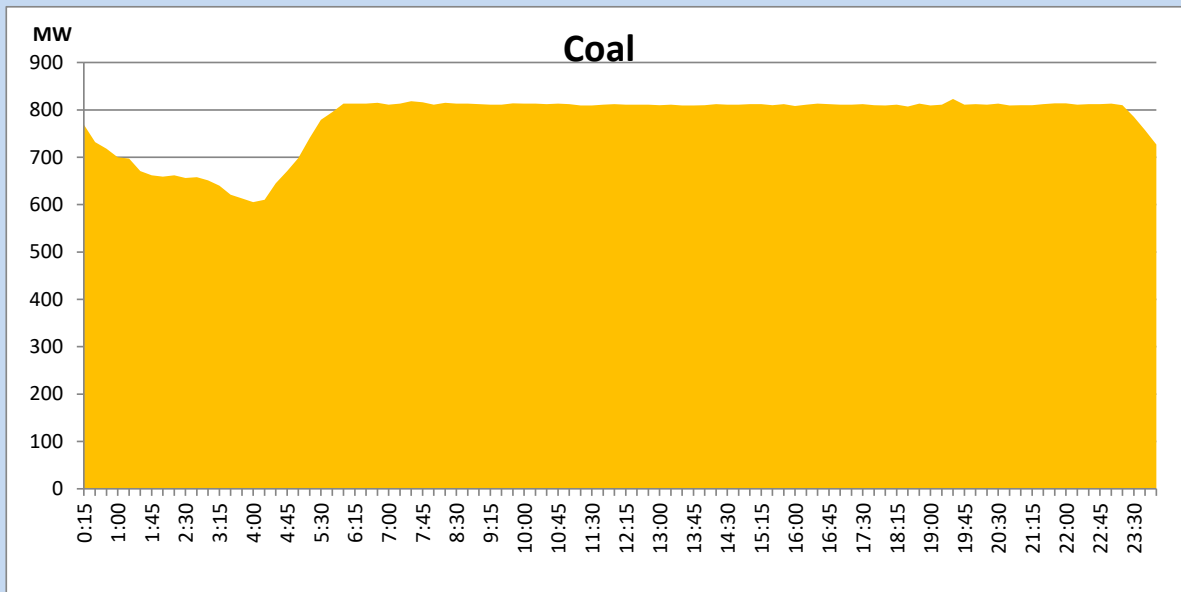
June 7, 2022

Solar and wind data is based on Telemetered Power Stations only



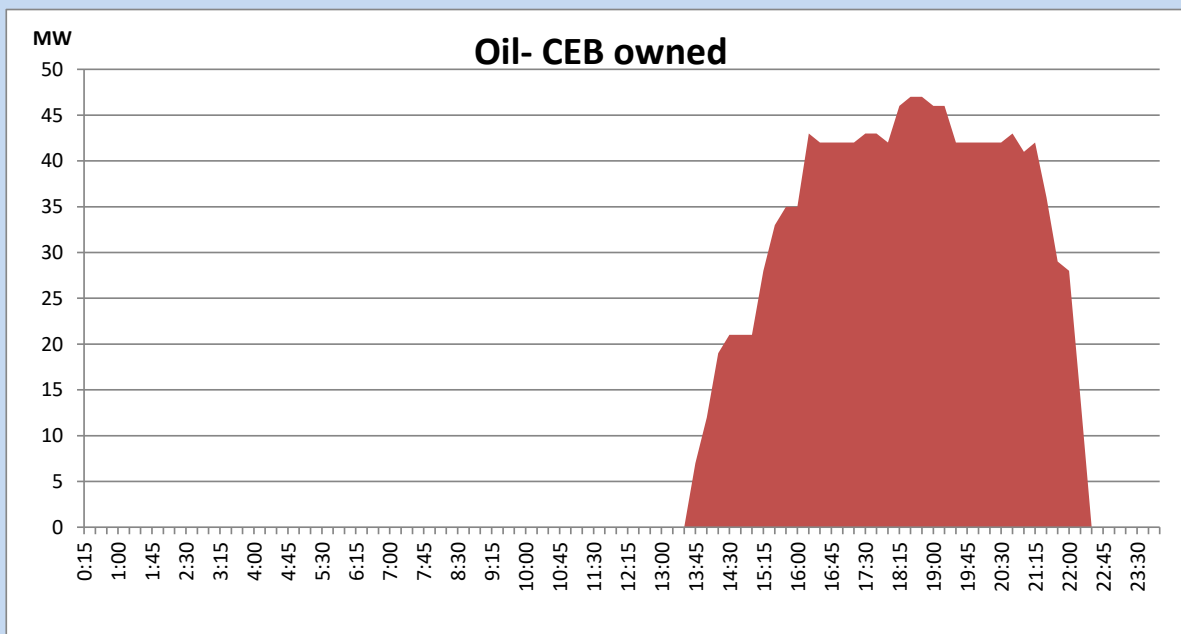
## Coal Generation during the Previous day

June 7, 2022



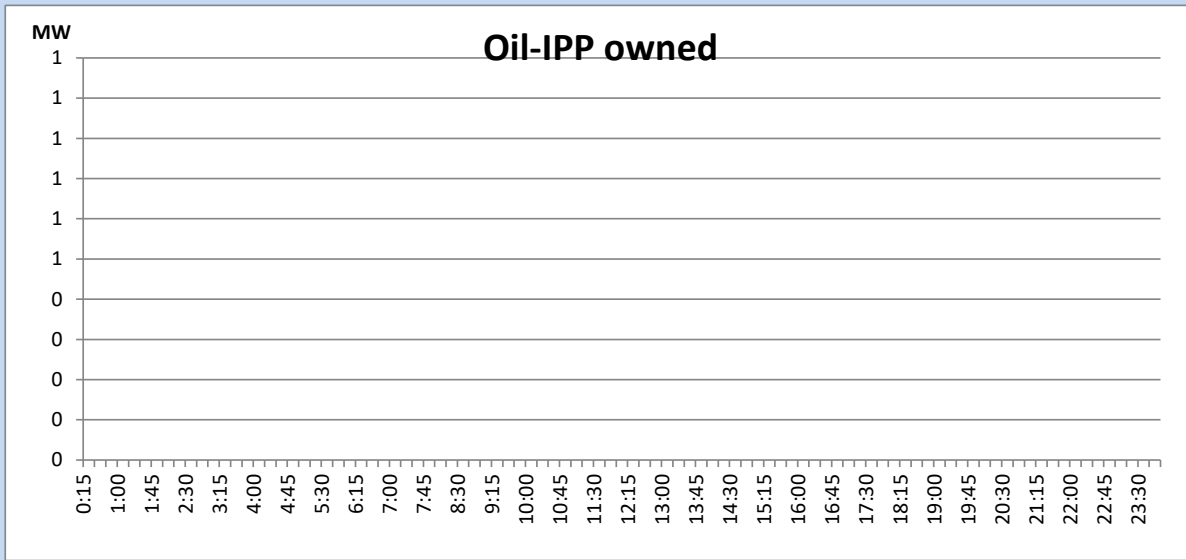
## CEB Oil Plant Generation during the Previous day

June 7, 2022



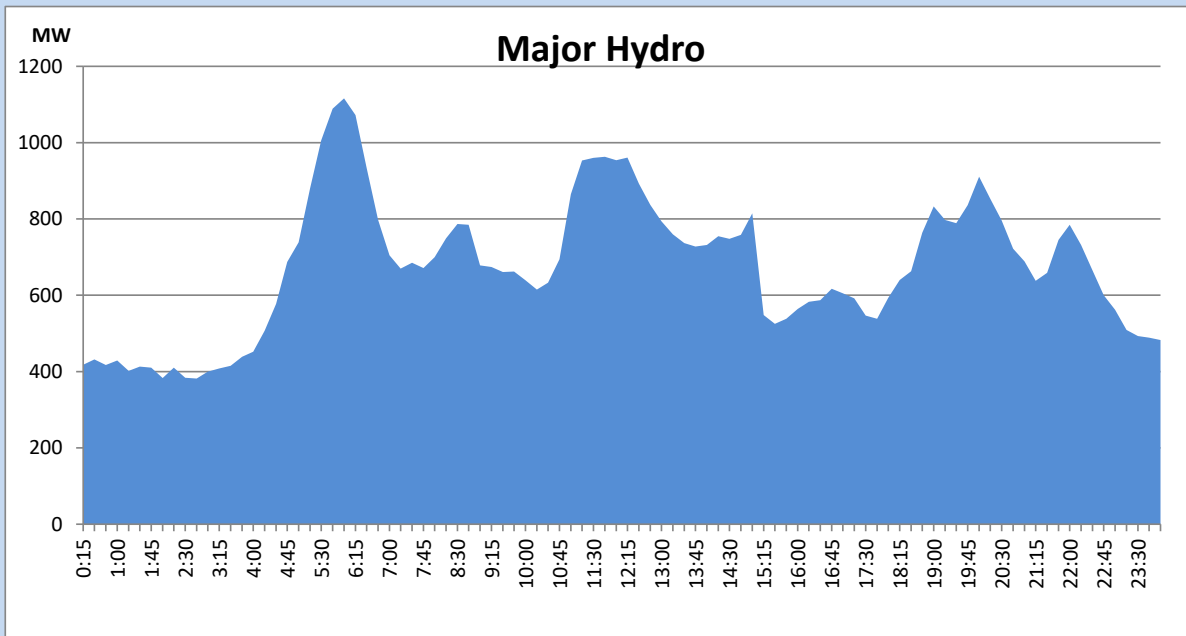
## IPP Oil Plant Generation during the Previous day

June 7, 2022



## Major Hydro Generation during the Previous day

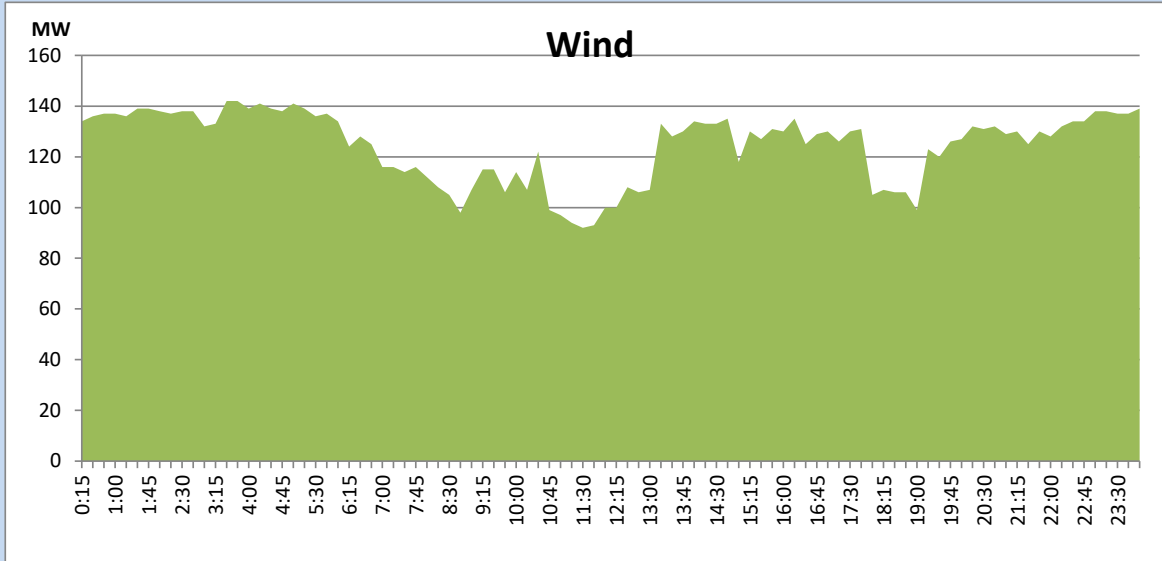
June 7, 2022



## Wind Generation during the Previous day

June 7, 2022

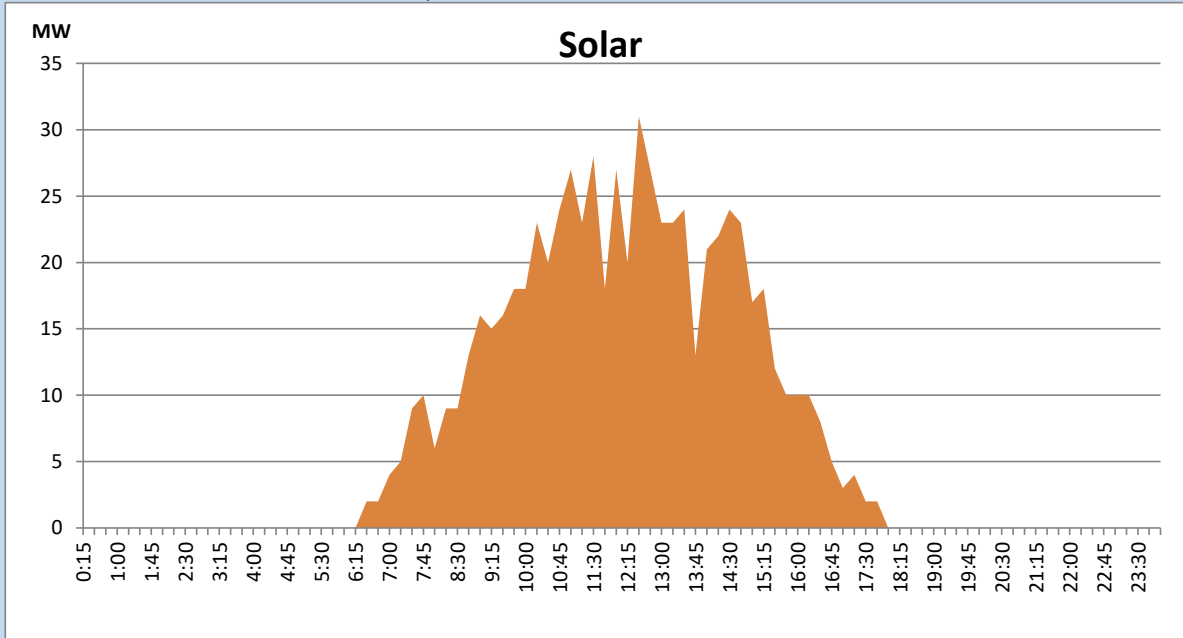
Based on Telemetered Power Stations only



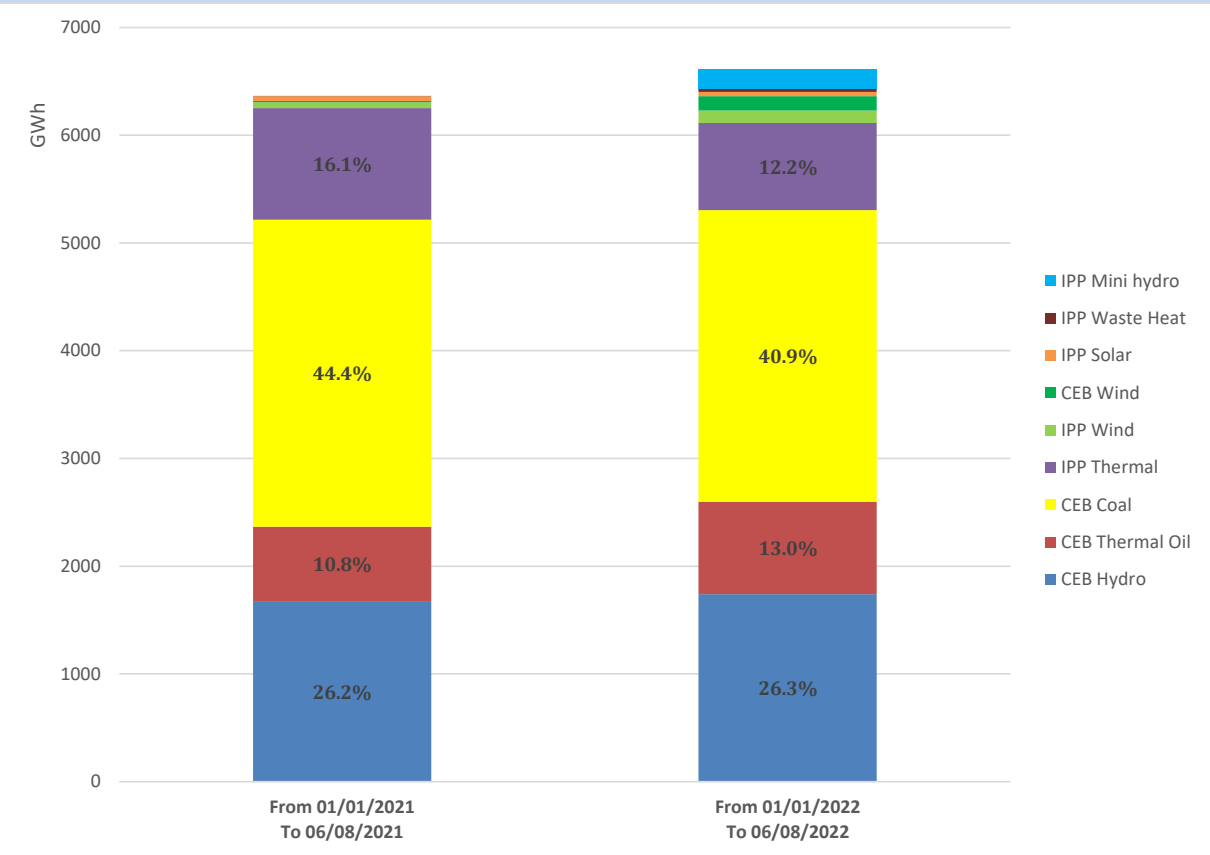
## Solar Generation during the Previous day

June 7, 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 9, 2022

- 1) Rotational manual load shedding was carried out from 08:30hrs to 21.30hrs.