

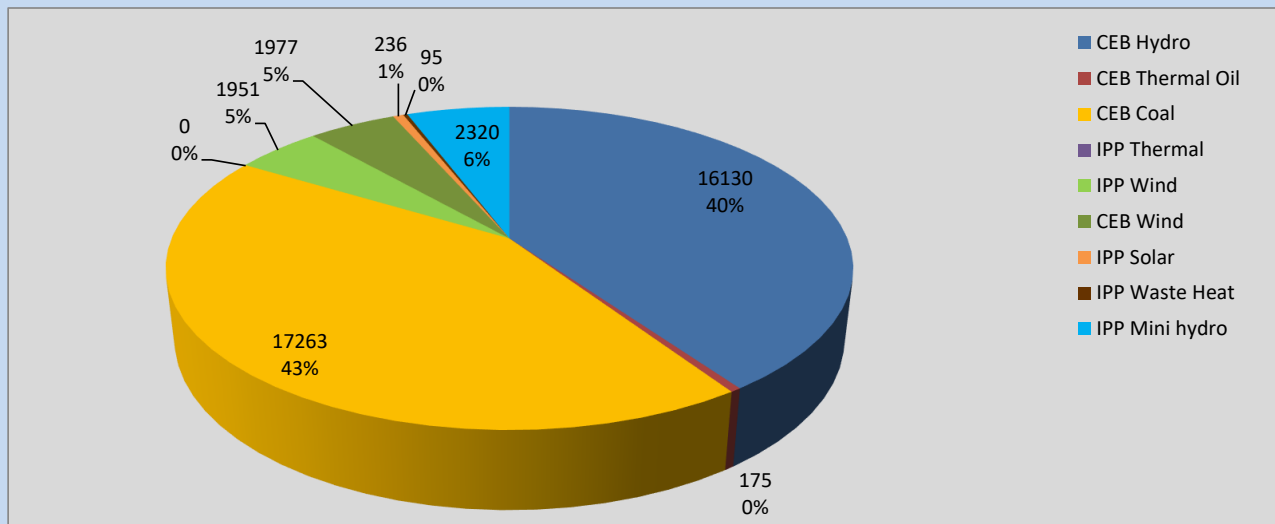
# Generation and Reservoirs Statistics

June 2, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

## Daily Generation Mix in MWh



Total Generation

40,147 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

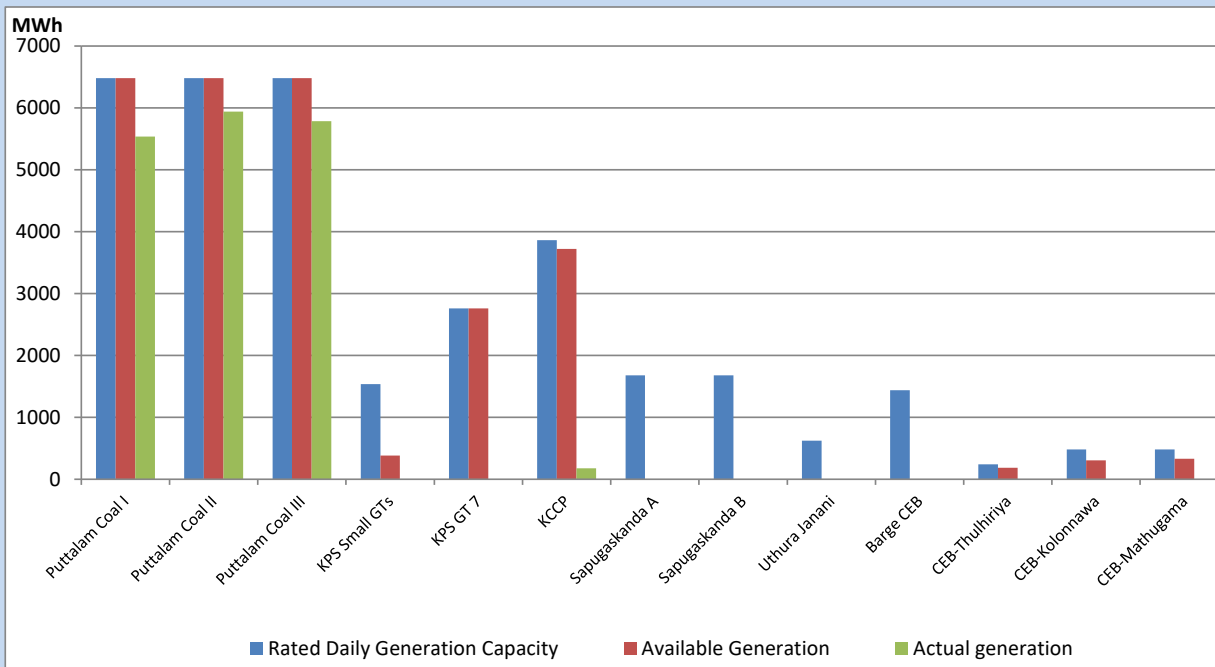
Category	Dispatch (GWh)	Percentage
CEB Hydro	33.11	41.01%
CEB Thermal Oil	0.26	0.32%
CEB Coal	34.67	42.95%
IPP Thermal	0.00	0.00%
SPP Wind	3.87	4.79%
CEB Wind	3.57	4.42%
SPP Solar	0.50	0.62%
SPP Solid Waste	0.19	0.24%
Mini Hydro	4.56	5.65%
<b>Total</b>	<b>80.73</b>	

### For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,642.2	25.76%
CEB Thermal Oil	858.7	13.47%
CEB Coal	2,600.9	40.80%
IPP Thermal	808.5	12.68%
SPP Wind	104.8	1.64%
CEB Wind	120.3	1.89%
SPP Solar	39.5	0.62%
SPP Solid Waste	31.5	0.49%
Mini Hydro	168.3	2.64%
<b>Total</b>	<b>6,374.5</b>	

## CEB owned Thermal Plant Dispatch

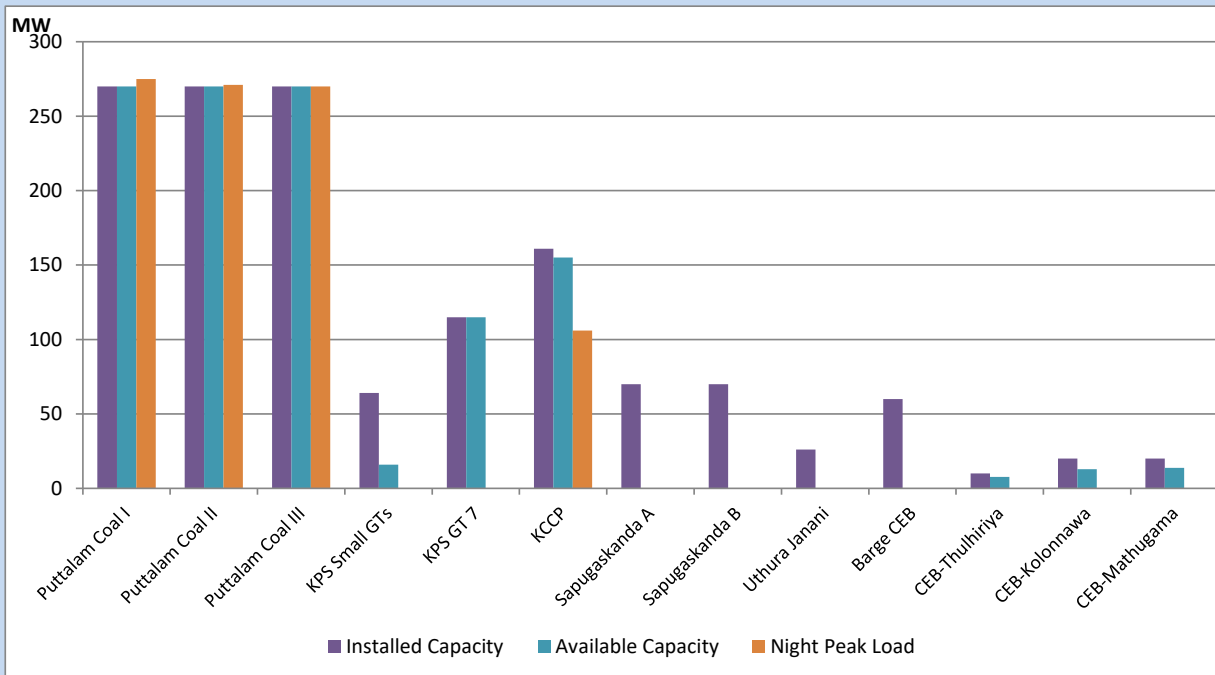
June 2, 2022



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

June 3, 2022

## CEB owned Thermal Plant Loading at the Night Peak



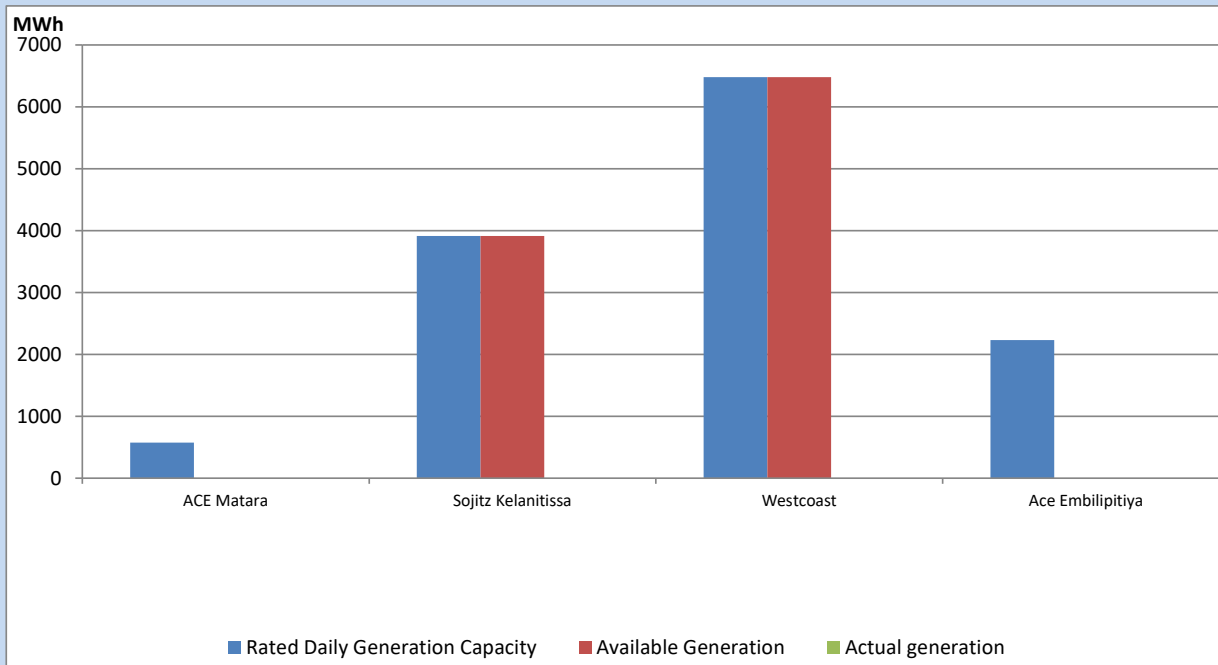
Note- Plant availability is recorded at 6.00 am on

June 3, 2022

## IPP owned Thermal Plant Dispatch

June 2, 2022

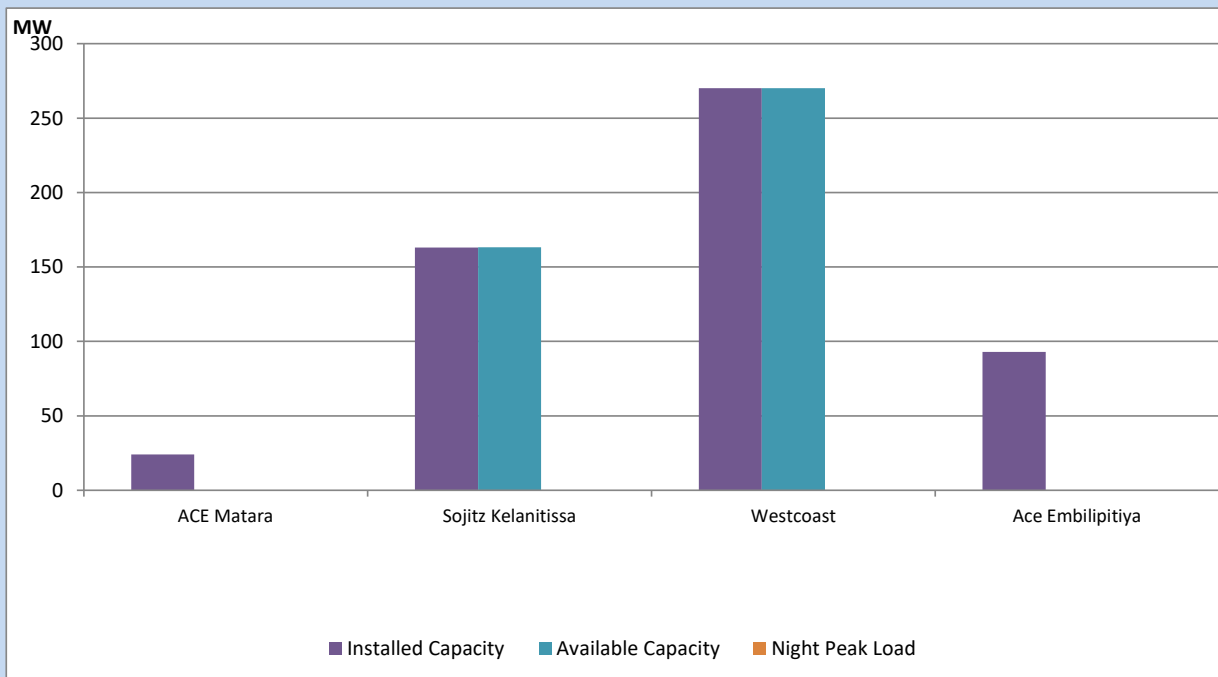
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 3, 2022

## IPP owned Thermal Plant Loading at the Night Peak

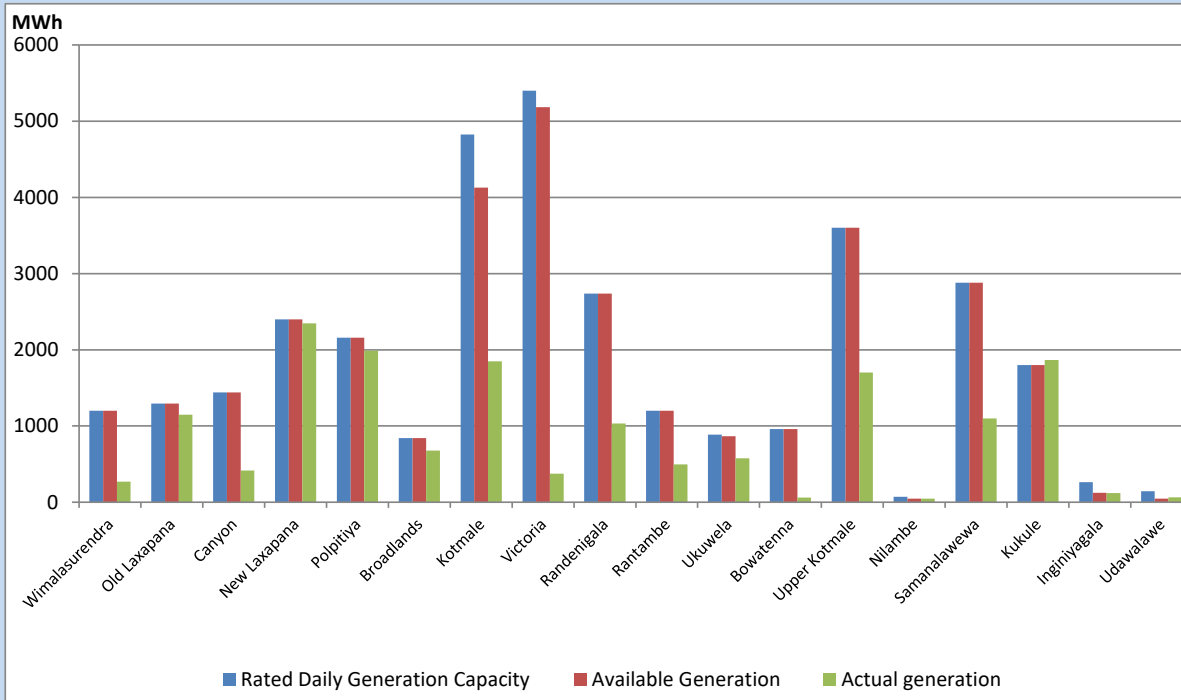


Note- Plant availability is recorded at 6.00 am on

June 3, 2022

## Major Hydro Plant Dispatch

June 2, 2022

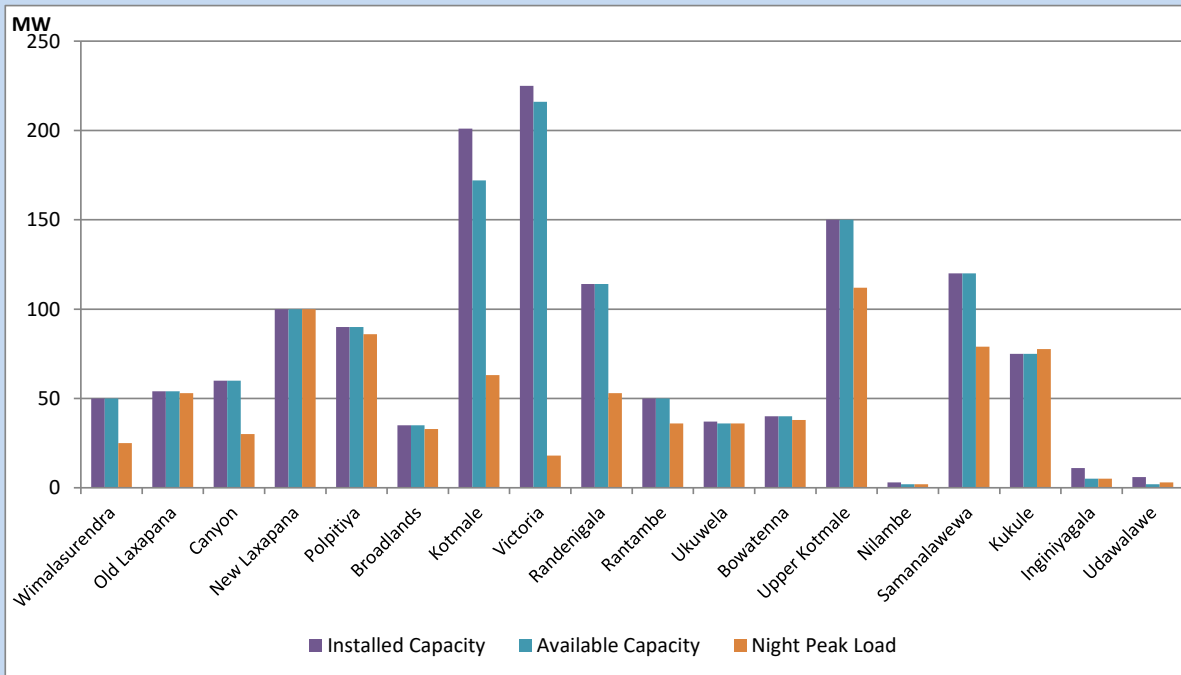


Available Generation is estimated based on plant availability at 6.00am on June 3, 2022  
 Broadlands power plant is operating in the Commissioning Stage

June 3, 2022

## Major Hydro Plant Loading at Night Peak

June 2, 2022



Note- Plant availability is recorded at 6.00 am on June 3, 2022  
 Broadlands power plant is operating in the Commissioning Stage

## Summary of Major Plant performance

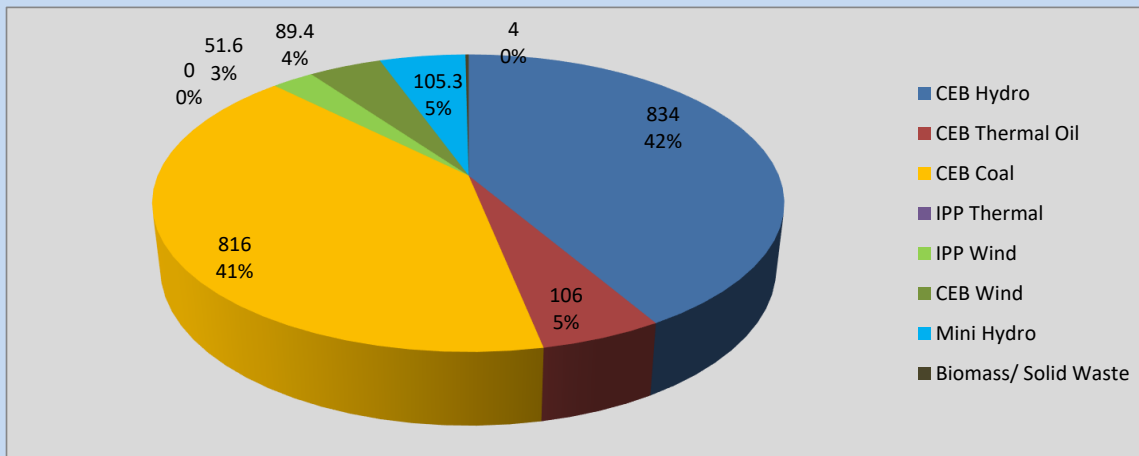
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	25	270
Old Laxapana	54	54	53	1,147
Canyon	60	60	30	416
New Laxapana	100	100	100	2,346
Polpitiya	90	90	86	1,987
Broadlands	35	35	33	678
Kotmale	201	172	63	1,850
Victoria	225	216	18	373
Randenigala	114	114	53	1,033
Rantambe	50	50	36	495
Ukuwela	37	36	36	577
Bowatenna	40	40	38	61
Upper Kotmale	150	150	112	1,701
Nilambe	3	2	2	45
Samanalawewa	120	120	79	1,099
Kukule	75	75	78	1,866
Inginiyagala	11	5	5	121
Udawalawe	6	2	3	65
Puttalam Coal I	270	270	275	5,536
Puttalam Coal II	270	270	271	5,941
Puttalam Coal III	270	270	270	5,786
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	106	175
Sapugaskanda A	70	0	0	0
Sapugaskanda B	70	0	0	0
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>2,935</b>	<b>2,022</b>	<b>40,147</b>

Plant availability is the availability recorded at 6 am on

June 3, 2022

## Contribution to the Night Peak in MW

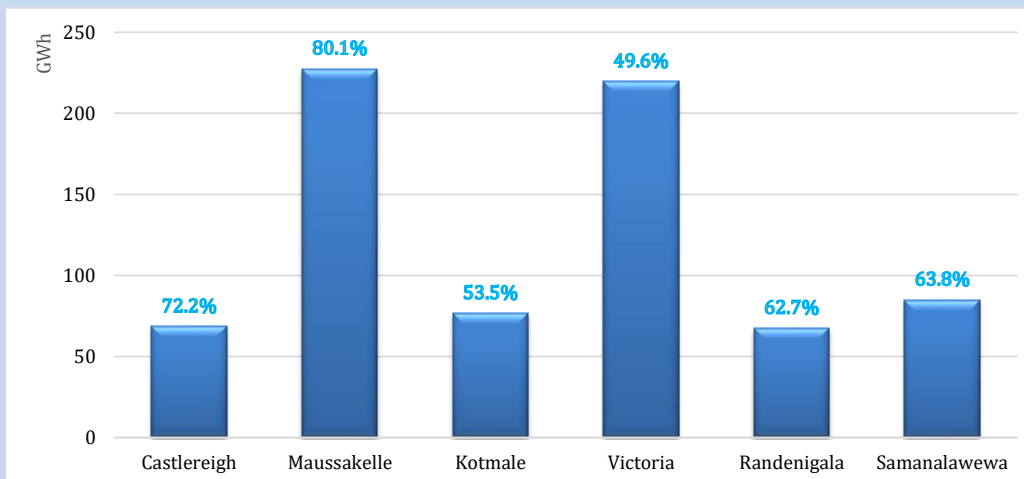
June 2, 2022



Night Peak*	2,005.9 MW
Day Peak	1,879.0 MW
Minimum Demand	1,161.0 MW

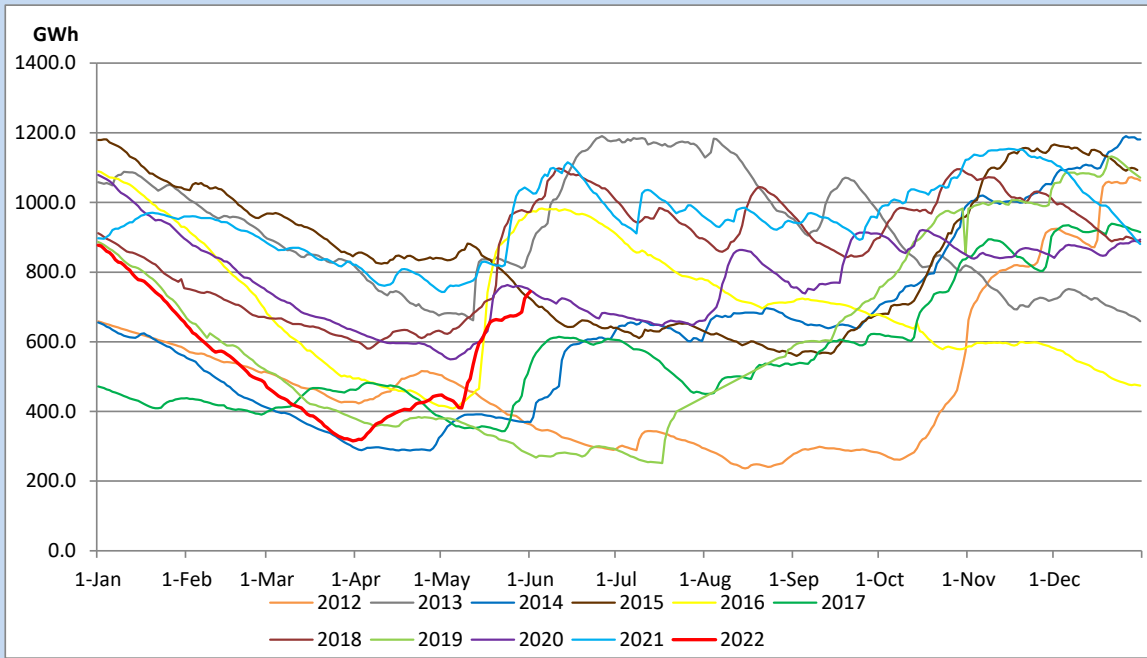
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Reservoir Levels - as at 06.00 Hr on June 3, 2022

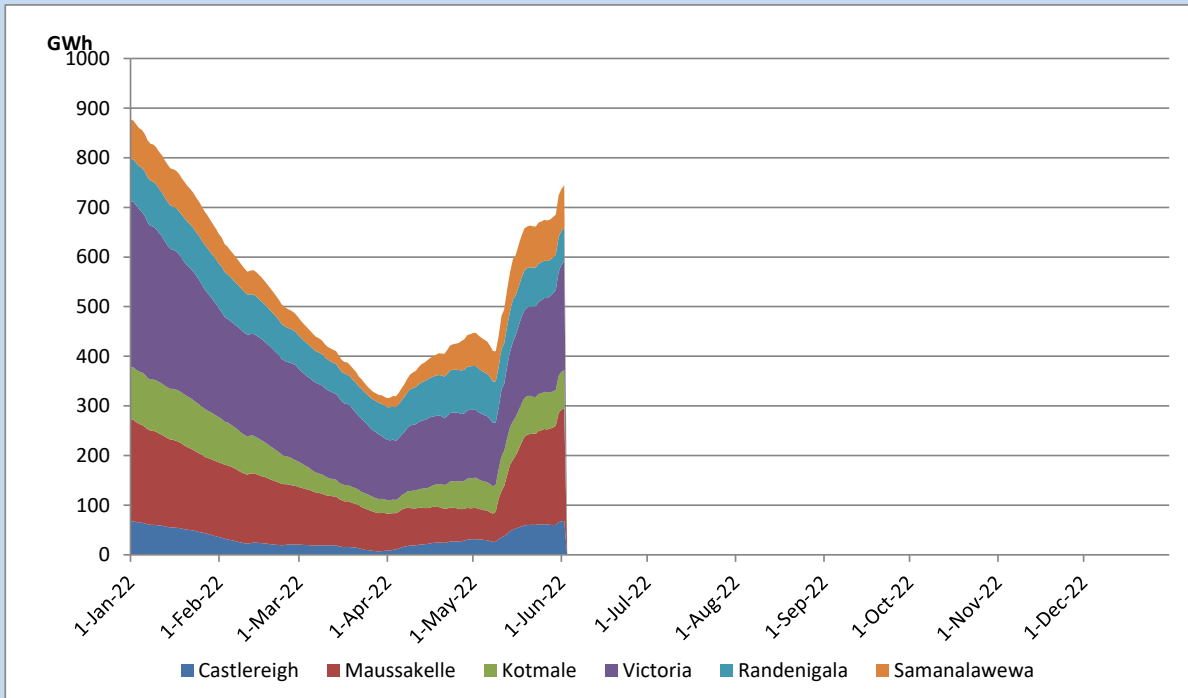


Total Reservoir Level	744.6 GWh
% of Total capacity	61.8%

## Comparison of Total Reservoir Storage Levels with Past Years

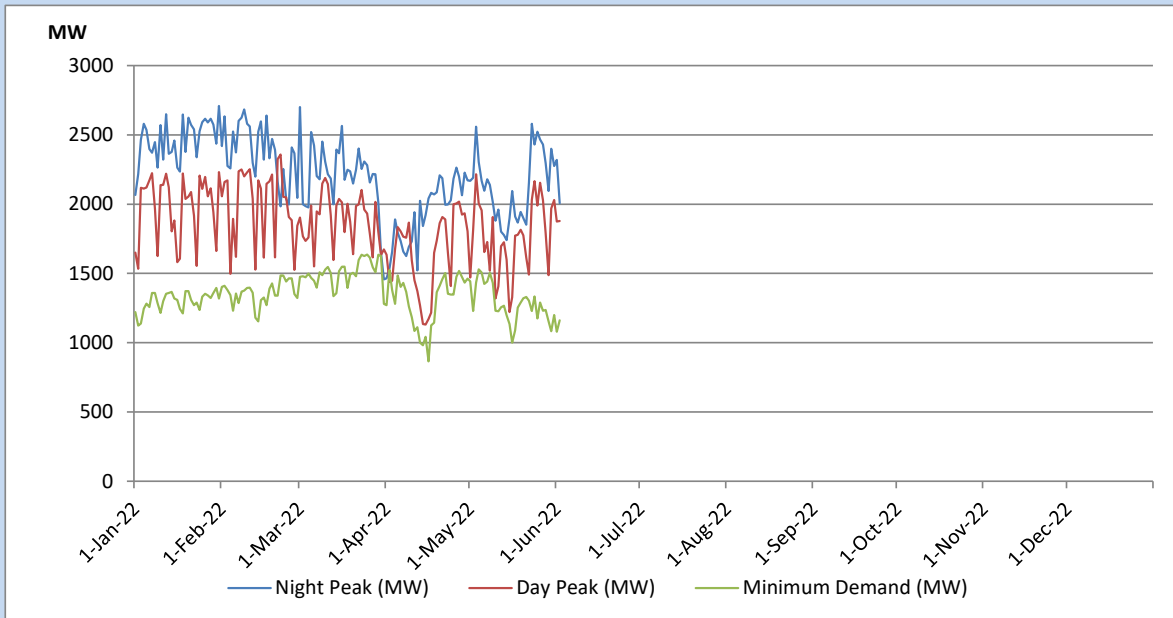


## Variation of Major Hydro Reservoir Levels in the current year (GWh)





## Variation of Demand during the current year

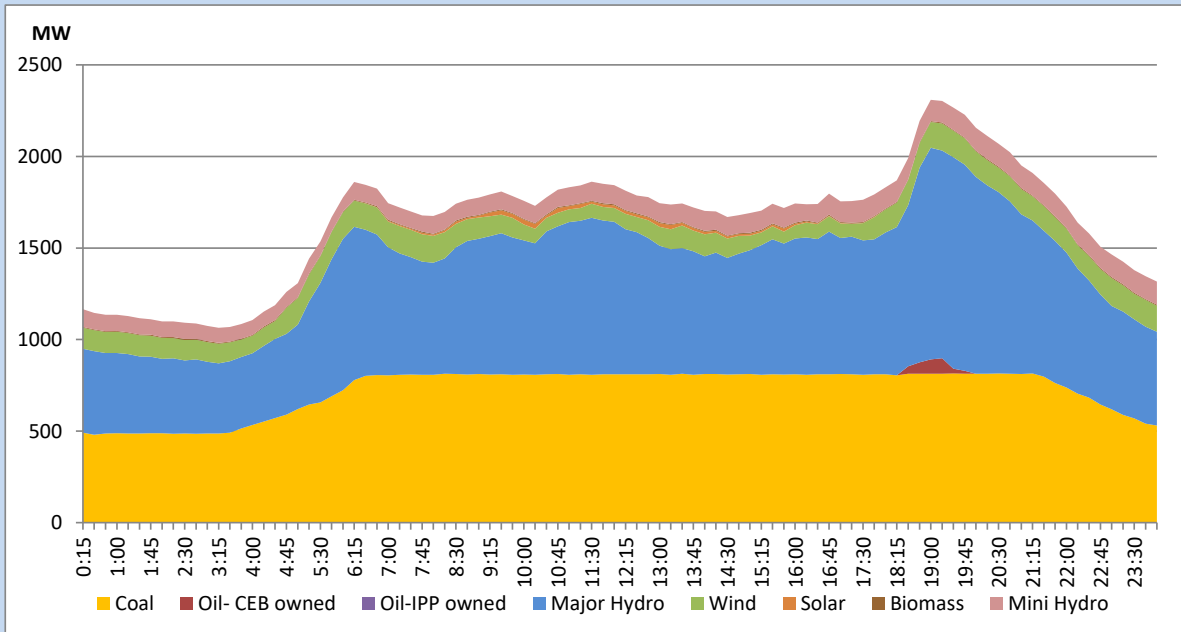


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Daily Load Curve of the Previous day

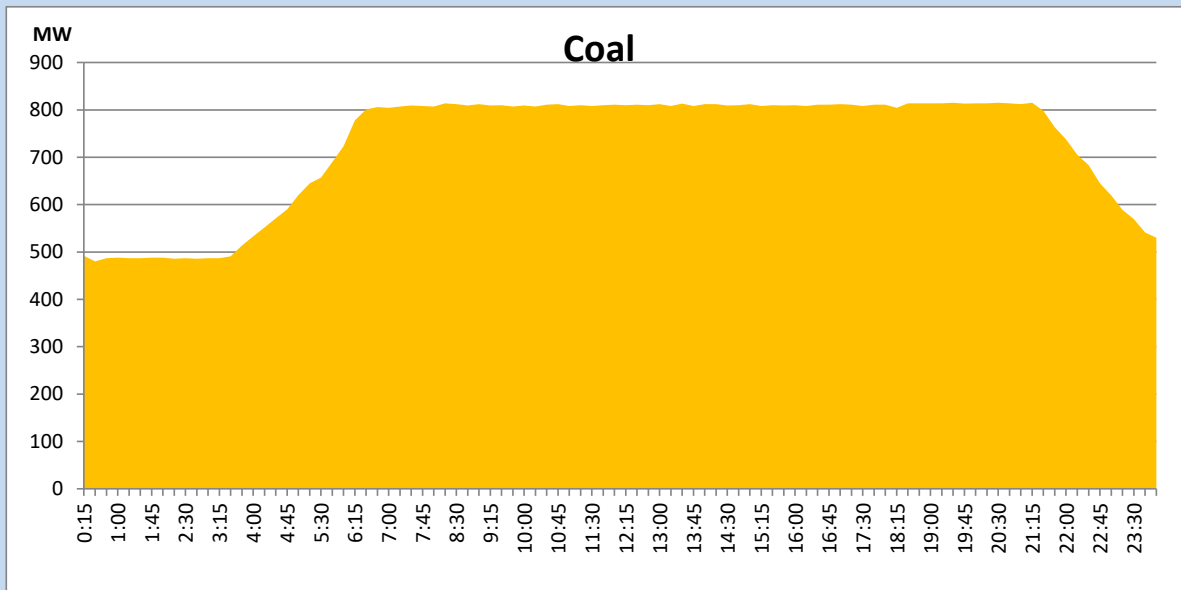
June 1, 2022

Solar and wind data is based on Telemetered Power Stations only



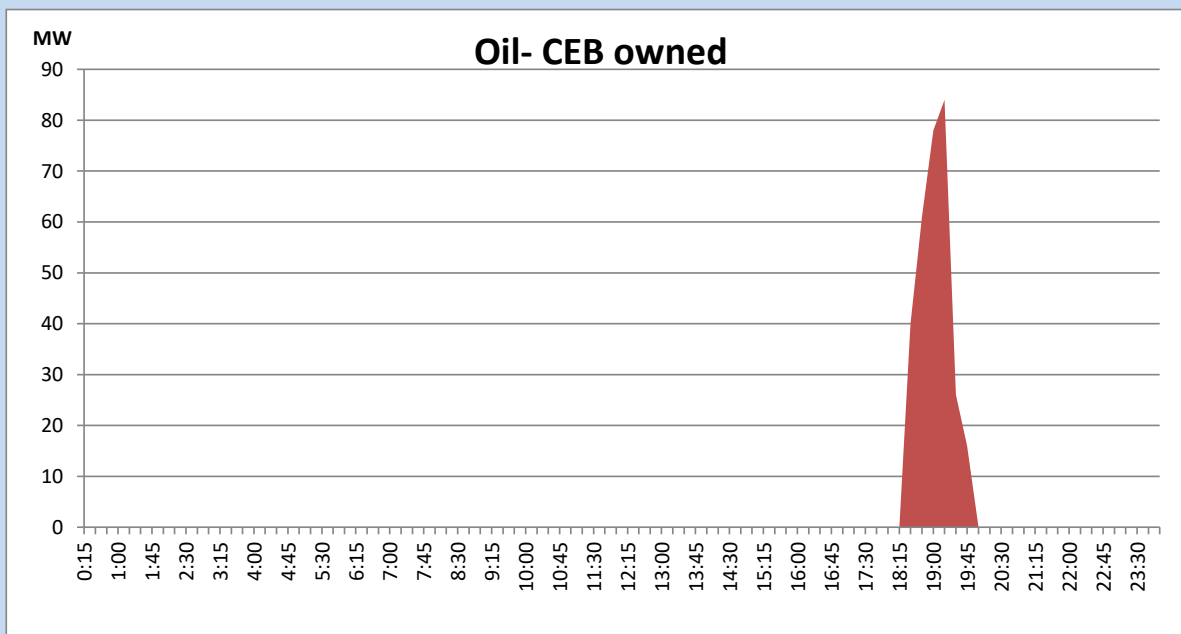
## Coal Generation during the Previous day

June 1, 2022



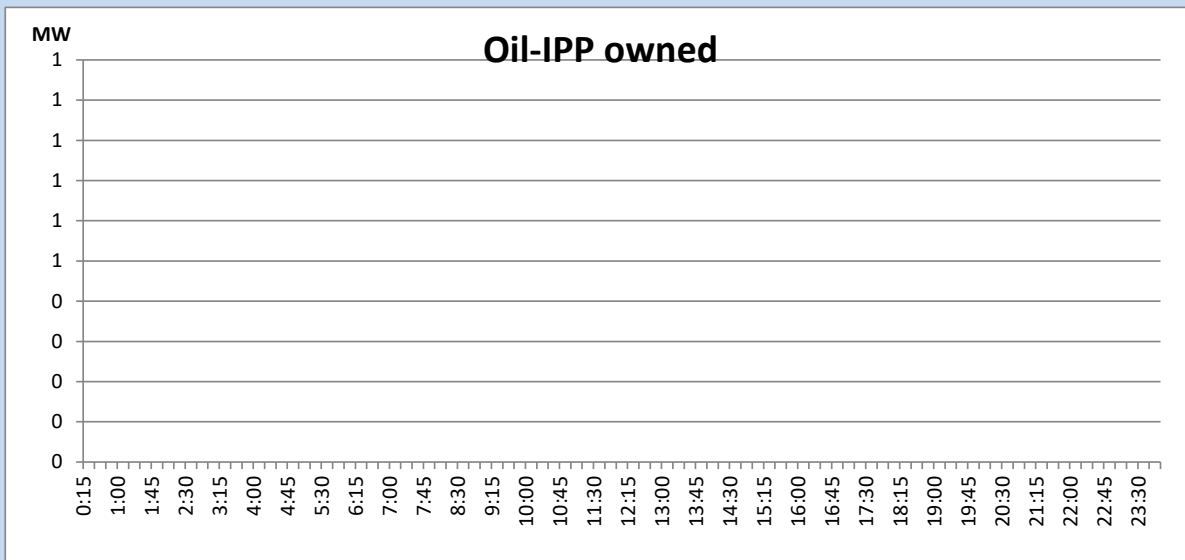
## CEB Oil Plant Generation during the Previous day

June 1, 2022



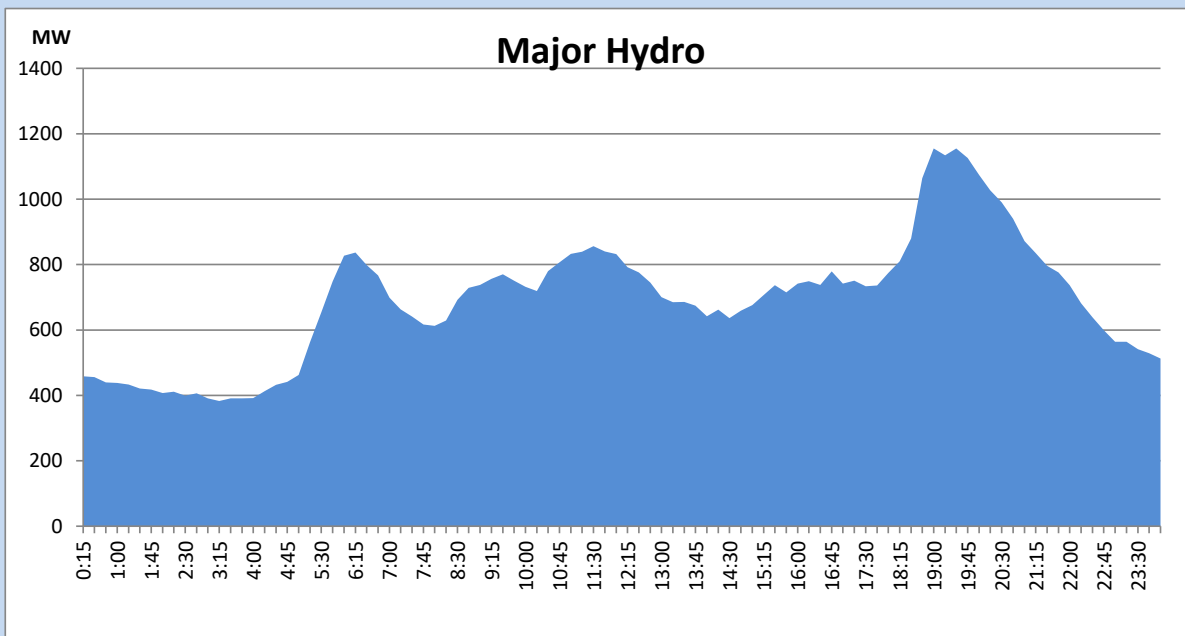
## IPP Oil Plant Generation during the Previous day

June 1, 2022



## Major Hydro Generation during the Previous day

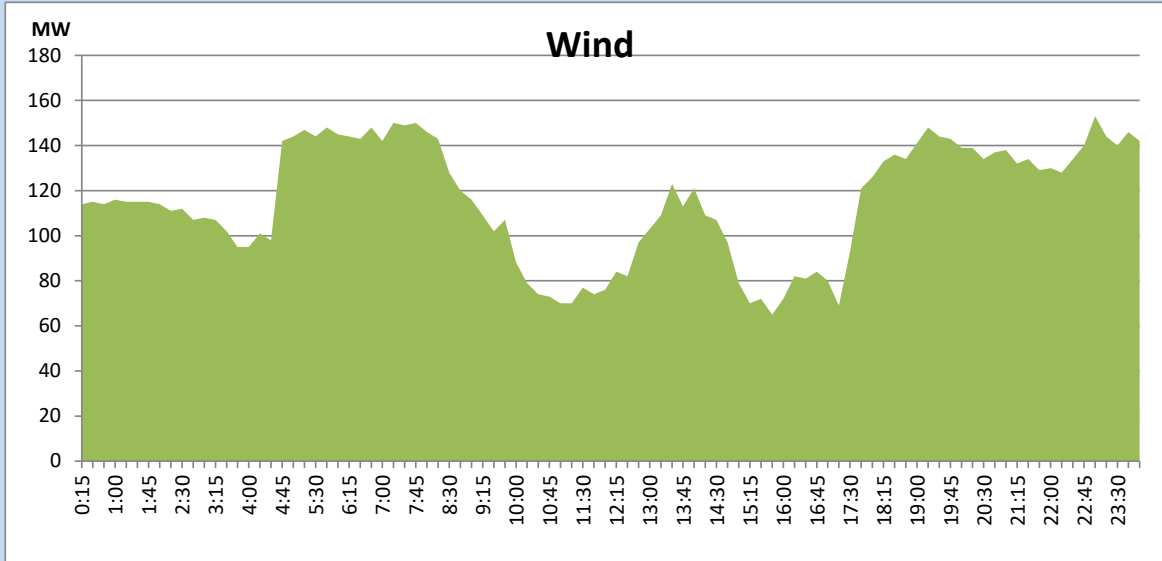
June 1, 2022



## Wind Generation during the Previous day

June 1, 2022

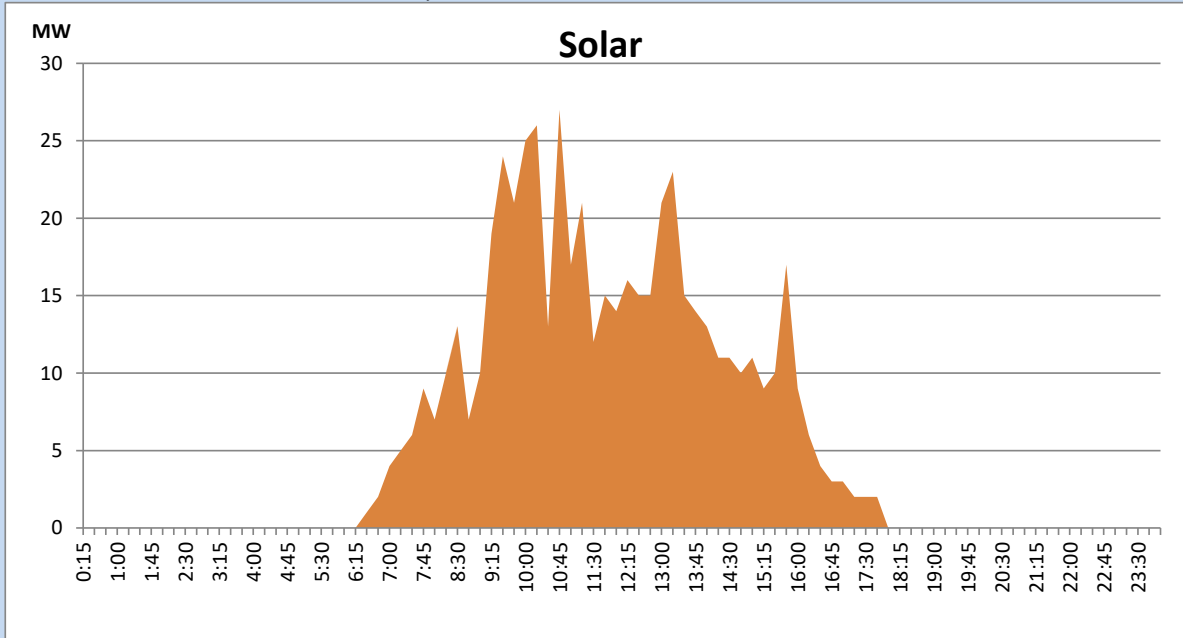
Based on Telemetered Power Stations only



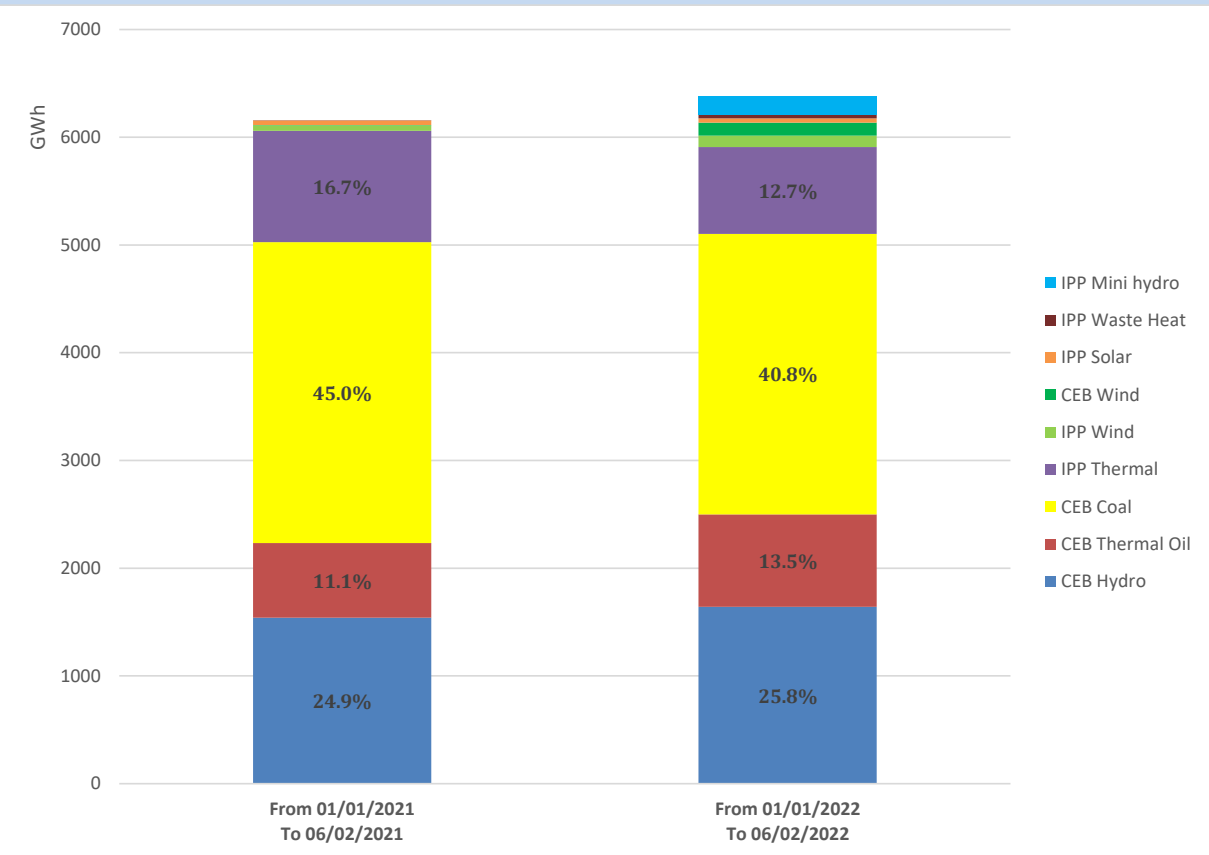
## Solar Generation during the Previous day

June 1, 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 3, 2022

- 1) Rotational manual load shedding was carried out from 6:00hrs to 9:00hrs and 14:00hrs to 22:00hrs.