

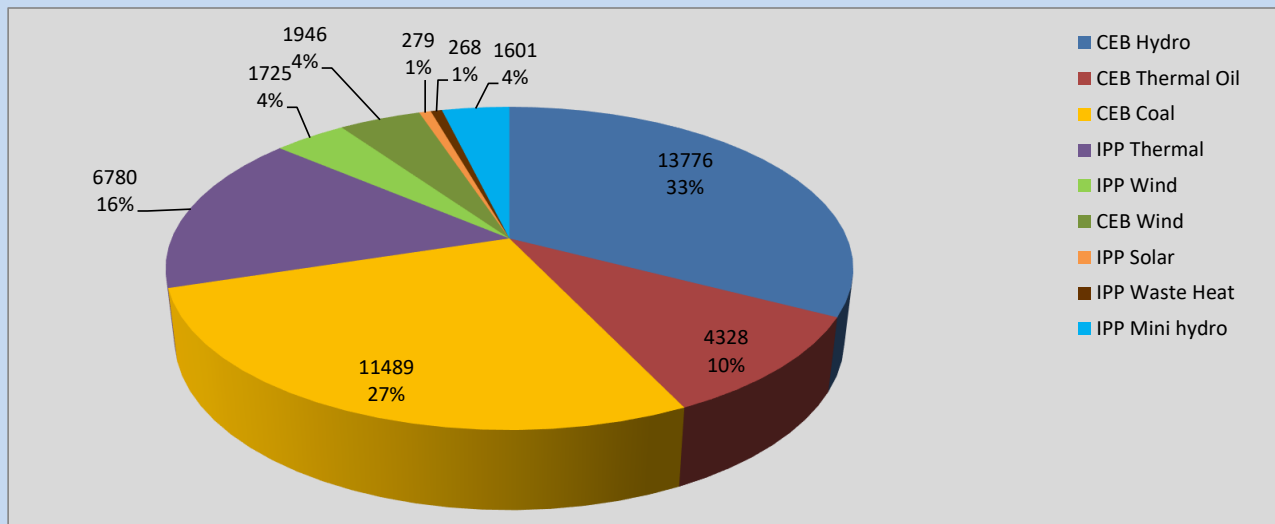
# Generation and Reservoirs Statistics

June 23, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

## Daily Generation Mix in MWh



Total Generation

42,192 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

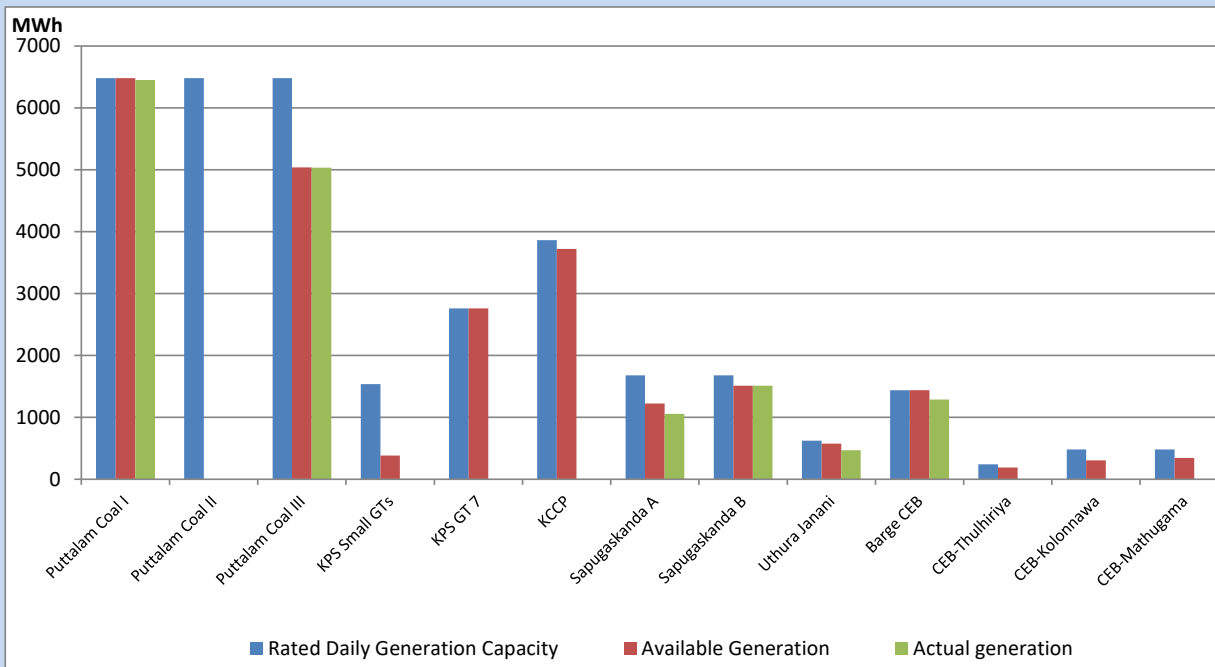
Category	Dispatch (GWh)	Percentage
CEB Hydro	348.39	37.60%
CEB Thermal Oil	39.36	4.25%
CEB Coal	380.42	41.06%
IPP Thermal	27.40	2.96%
SPP Wind	37.84	4.08%
CEB Wind	40.13	4.33%
SPP Solar	5.36	0.58%
SPP Solid Waste	5.36	0.58%
Mini Hydro	42.32	4.57%
<b>Total</b>	<b>926.58</b>	

### For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,957.4	27.11%
CEB Thermal Oil	897.8	12.43%
CEB Coal	2,946.7	40.81%
IPP Thermal	835.9	11.58%
SPP Wind	138.8	1.92%
CEB Wind	156.9	2.17%
SPP Solar	44.4	0.61%
SPP Solid Waste	36.7	0.51%
Mini Hydro	206.0	2.85%
<b>Total</b>	<b>7,220.3</b>	

## CEB owned Thermal Plant Dispatch

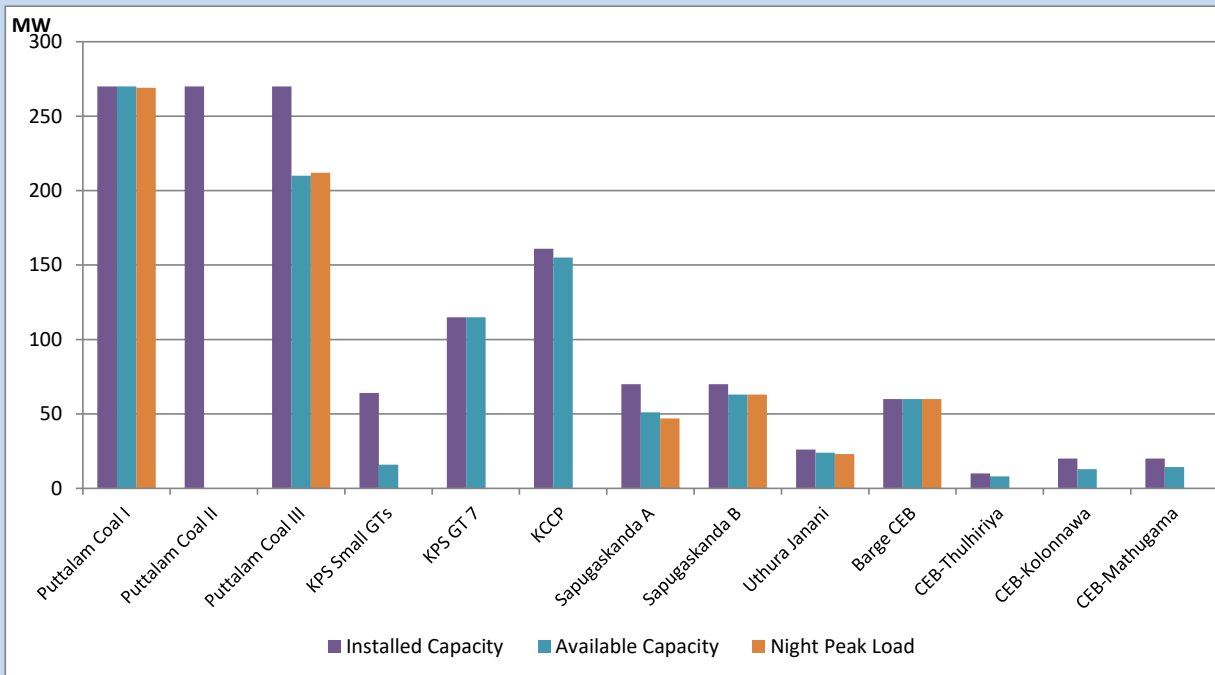
June 23, 2022



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

June 24, 2022

## CEB owned Thermal Plant Loading at the Night Peak



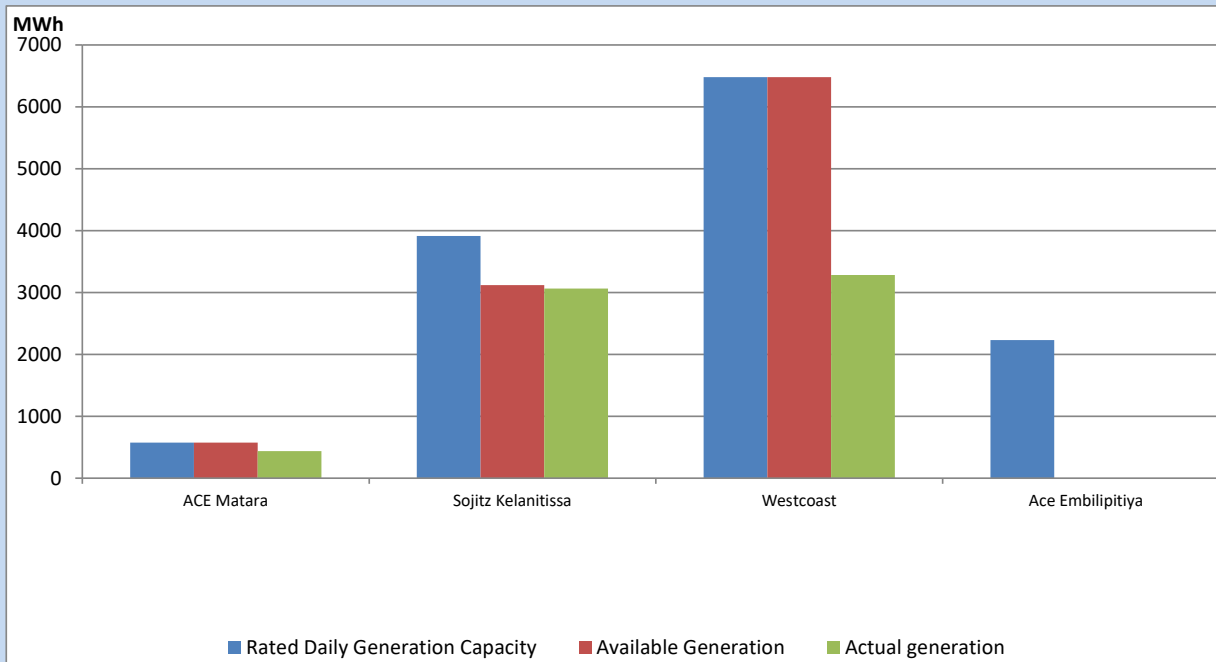
Note- Plant availability is recorded at 6.00 am on

June 24, 2022

## IPP owned Thermal Plant Dispatch

June 23, 2022

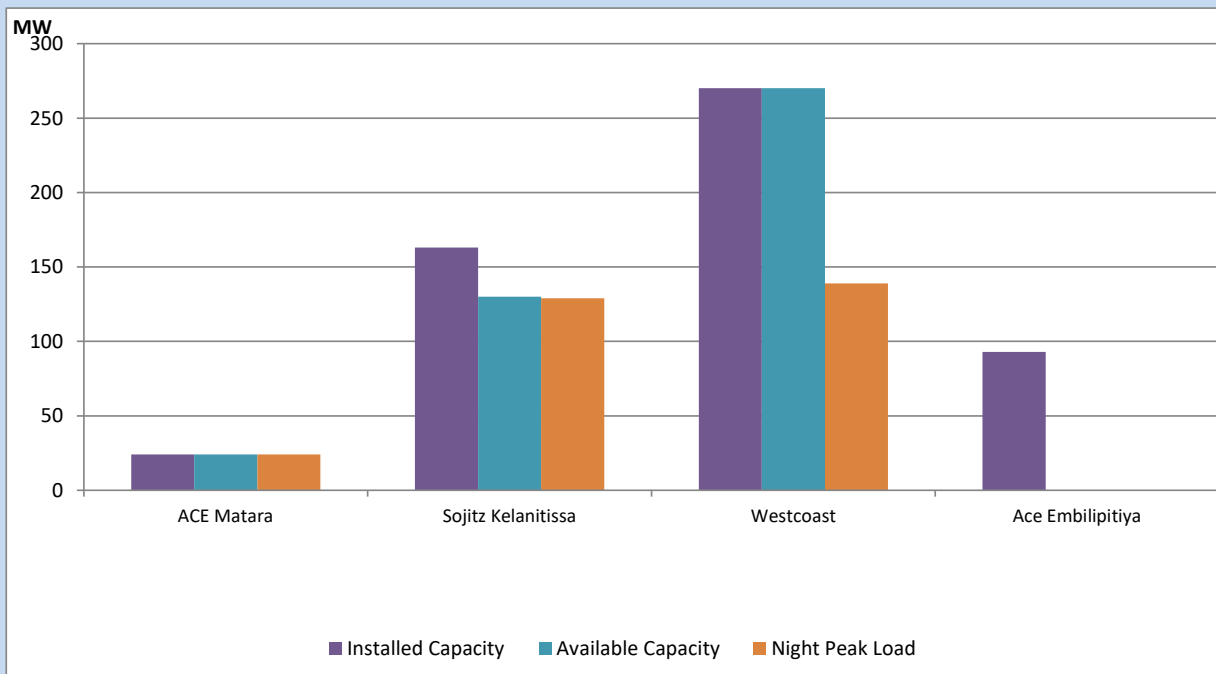
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

June 24, 2022

## IPP owned Thermal Plant Loading at the Night Peak

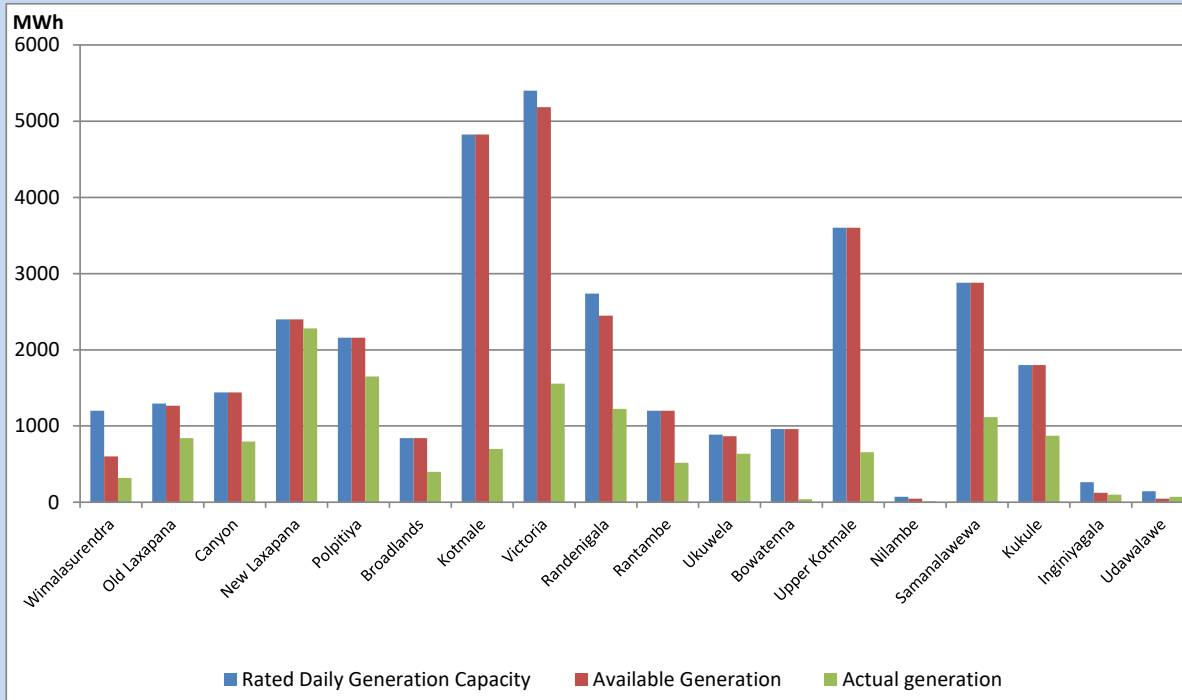


Note- Plant availability is recorded at 6.00 am on

June 24, 2022

## Major Hydro Plant Dispatch

June 23, 2022

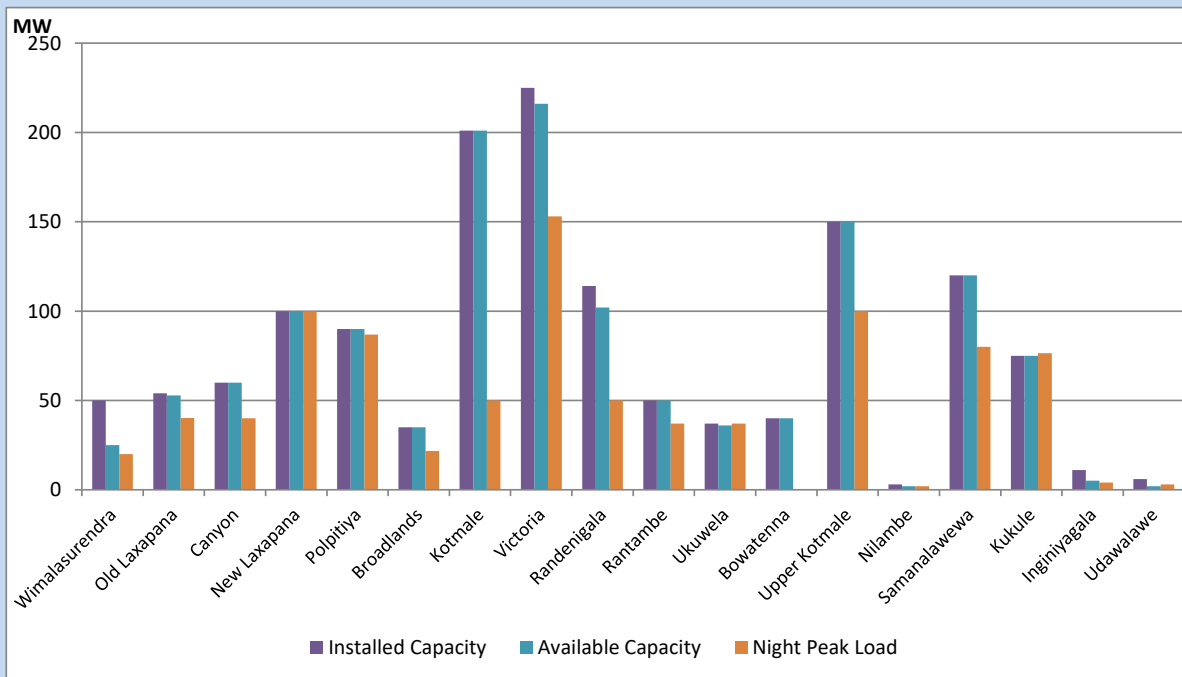


Available Generation is estimated based on plant availability at 6.00am on  
Broadlands power plant is operating in the Commissioning Stage

June 24, 2022

## Major Hydro Plant Loading at Night Peak

June 23, 2022



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

June 24, 2022

## Summary of Major Plant performance

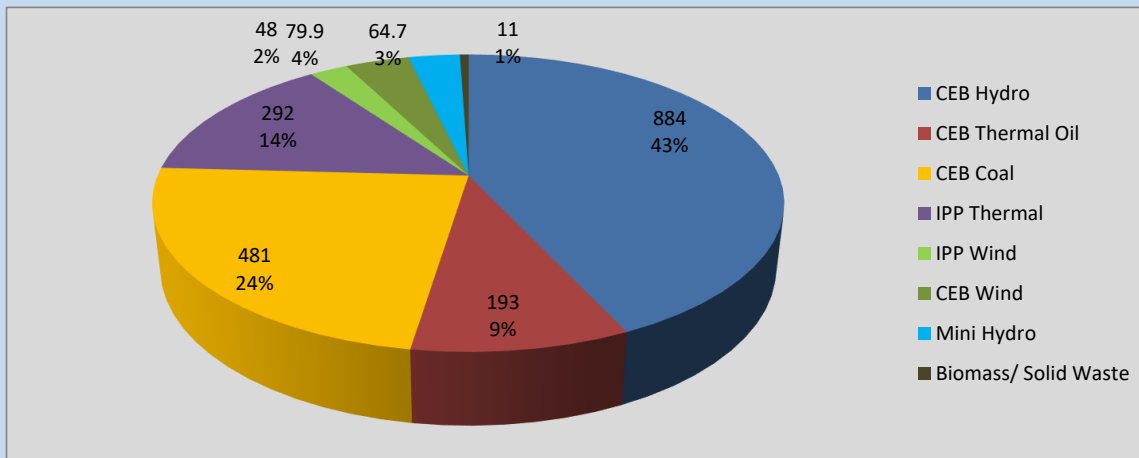
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	20	319
Old Laxapana	54	53	40	840
Canyon	60	60	40	796
New Laxapana	100	100	100	2,280
Polpitiya	90	90	87	1,649
Broadlands	35	35	22	397
Kotmale	201	201	50	700
Victoria	225	216	153	1,556
Randenigala	114	102	50	1,223
Rantambe	50	50	37	516
Ukuwela	37	36	37	634
Bowatenna	40	40	0	41
Upper Kotmale	150	150	100	656
Nilambe	3	2	2	11
Samanalawewa	120	120	80	1,115
Kukule	75	75	76	874
Inginiyagala	11	5	4	98
Udawalawe	6	2	3	71
Puttalam Coal I	270	270	269	6,453
Puttalam Coal II	270	0	0	0
Puttalam Coal III	270	210	212	5,036
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	155	0	0
Sapugaskanda A	70	51	47	1,058
Sapugaskanda B	70	63	63	1,510
Uthura Janani	26	24	23	471
Barge CEB	60	60	60	1,289
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	13	0	0
CEB-Mathugama	20	14	0	0
ACE Matara	24	24	24	436
Sojitz Kelanitissa	163	130	129	3,063
West Coast	270	270	139	3,281
ACE Embilipitiya	93	0	0	0
<b>Total</b>	<b>3,397</b>	<b>2,785</b>	<b>2,071</b>	<b>42,192</b>

Plant availability is the availability recorded at 6 am on

June 24, 2022

## Contribution to the Night Peak in MW

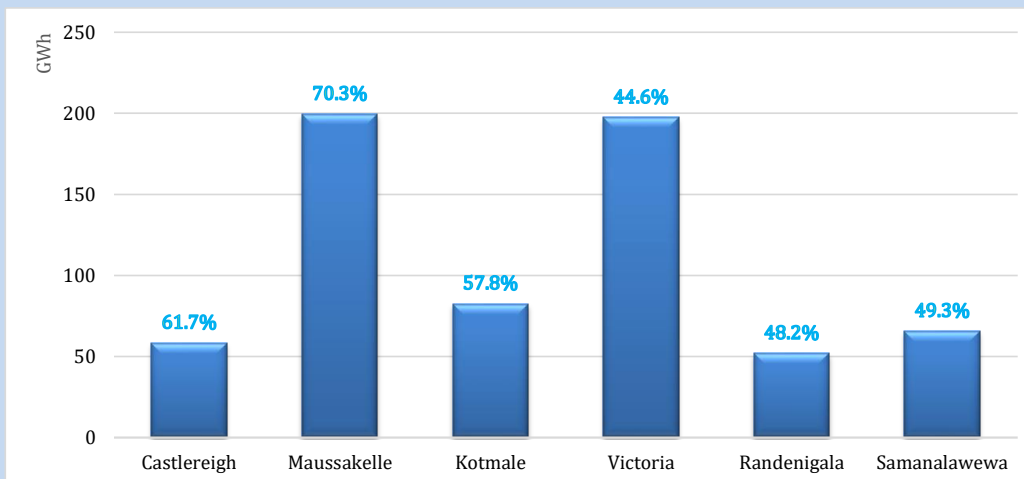
June 23, 2022



Night Peak*	2,053.8 MW
Day Peak	1,957.4 MW
Minimum Demand	1,355.8 MW

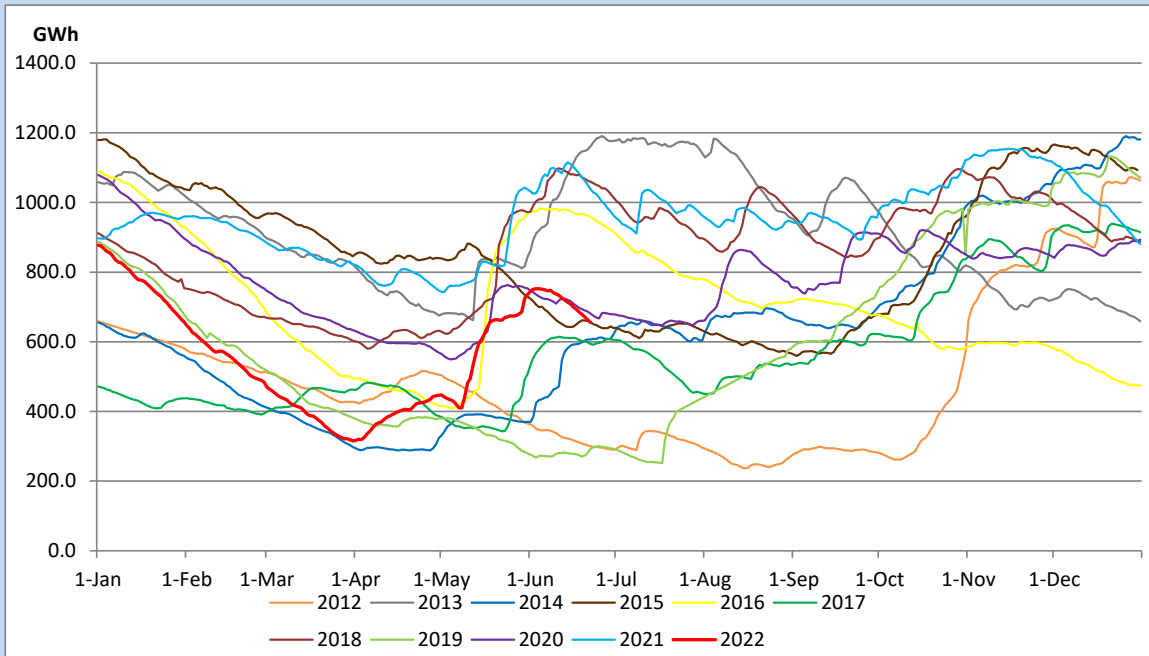
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Reservoir Levels - as at 06.00 Hr on June 24, 2022

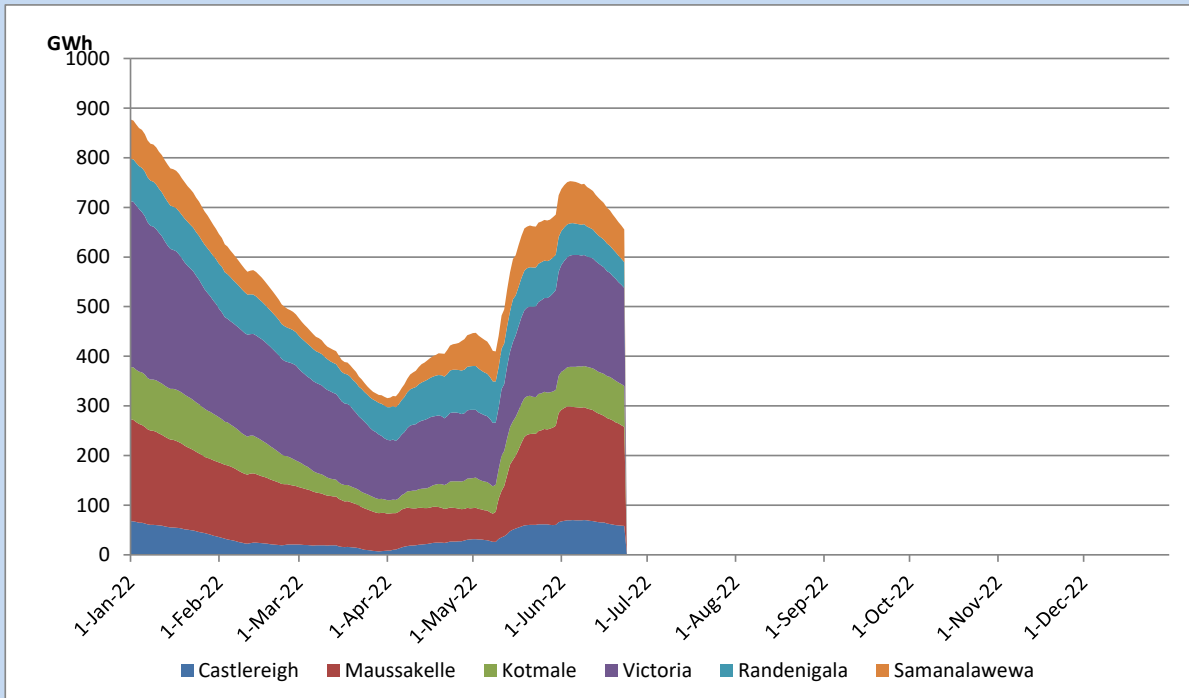


Total Reservoir Level	655.4 GWh
% of Total capacity	54.4%

## Comparison of Total Reservoir Storage Levels with Past Years

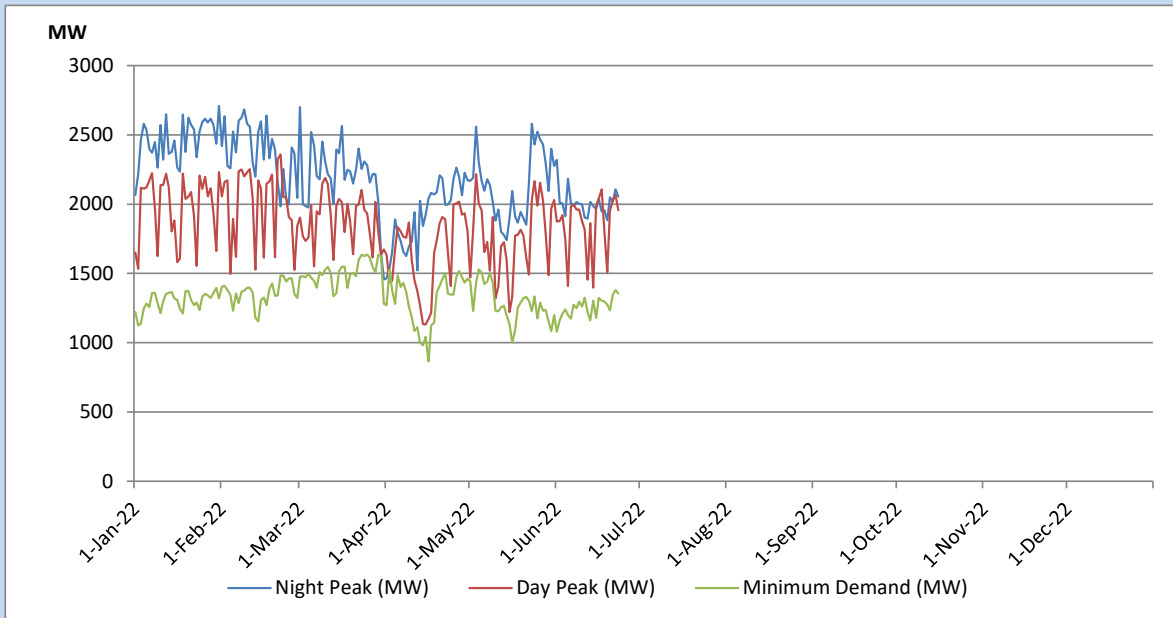


## Variation of Major Hydro Reservoir Levels in the current year (GWh)





## Variation of Demand during the current year

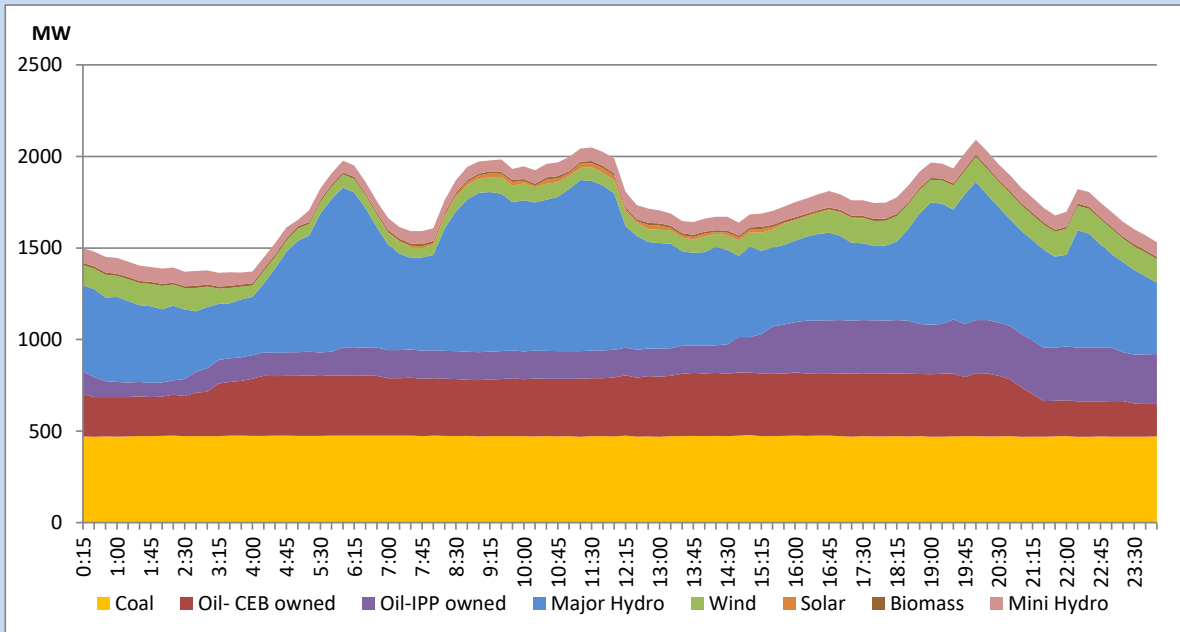


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

## Daily Load Curve of the Previous day

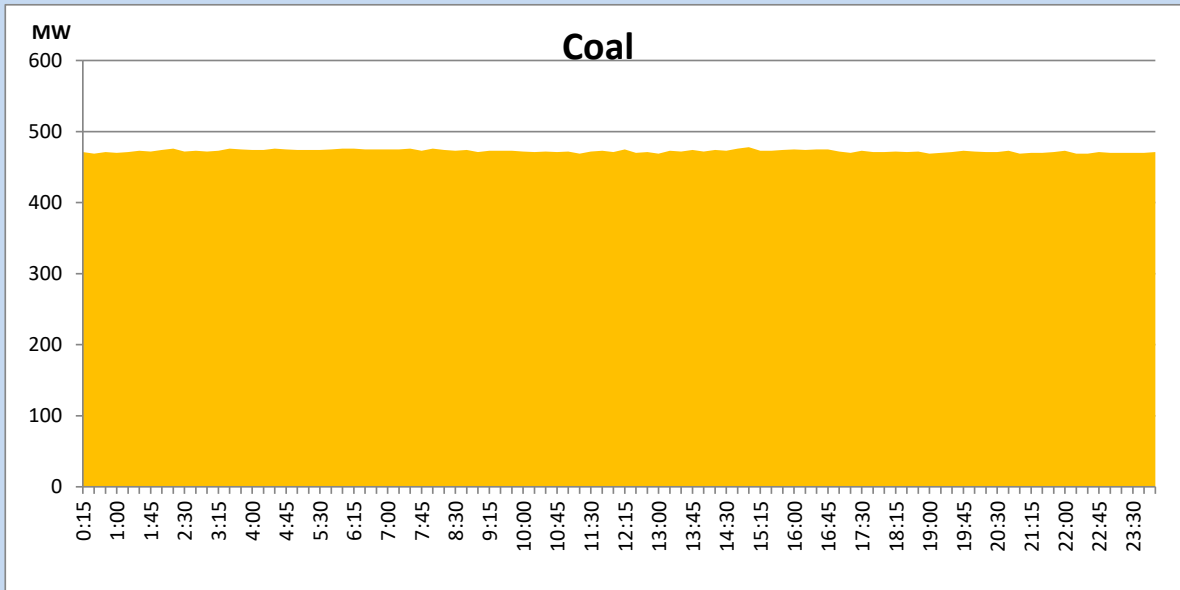
June 22, 2022

Solar and wind data is based on Telemetered Power Stations only



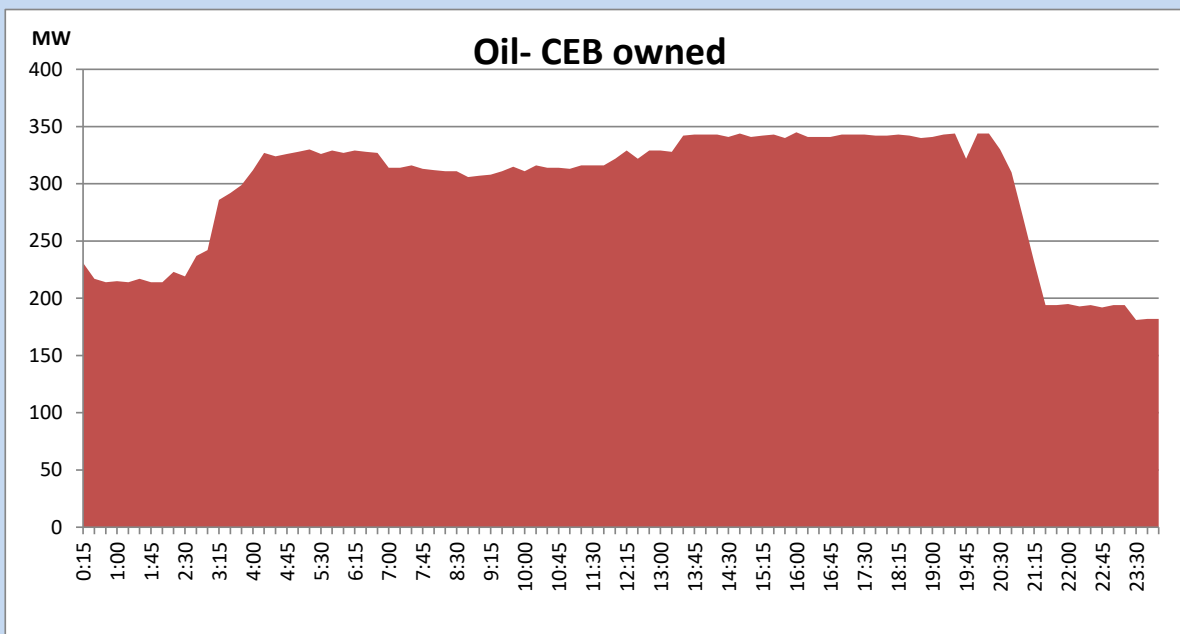
## Coal Generation during the Previous day

June 22, 2022



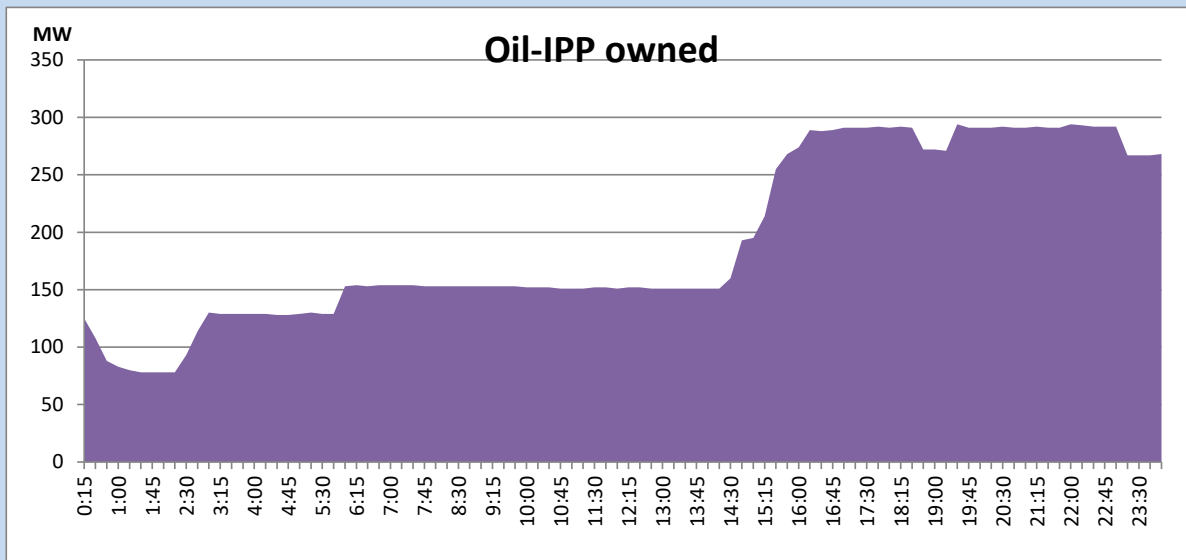
## CEB Oil Plant Generation during the Previous day

June 22, 2022



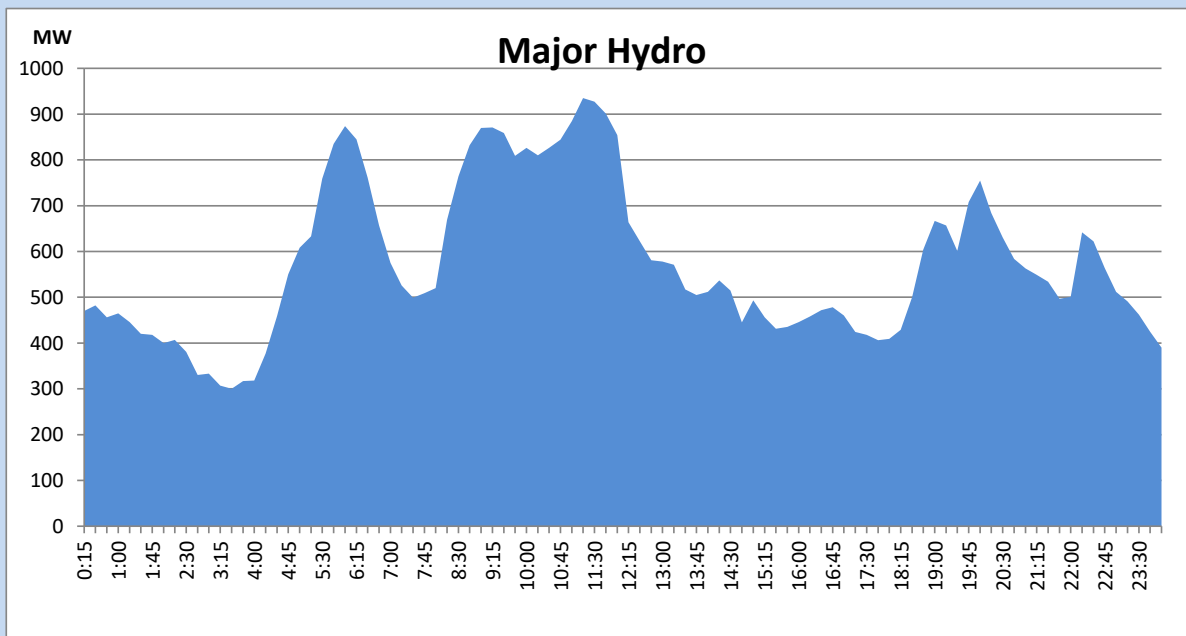
## IPP Oil Plant Generation during the Previous day

June 22, 2022



## Major Hydro Generation during the Previous day

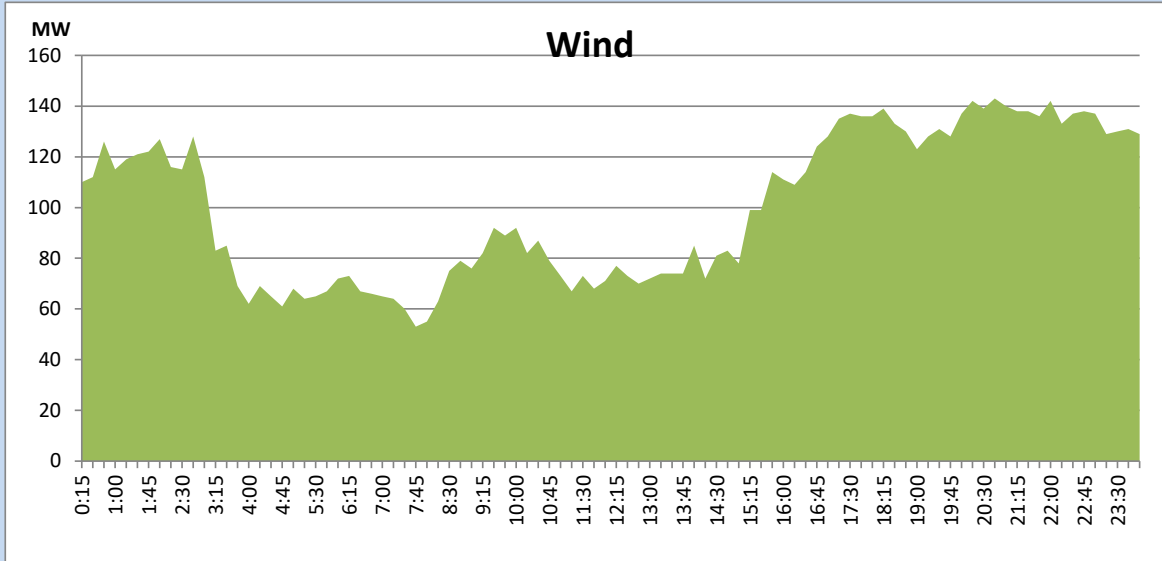
June 22, 2022



## Wind Generation during the Previous day

June 22, 2022

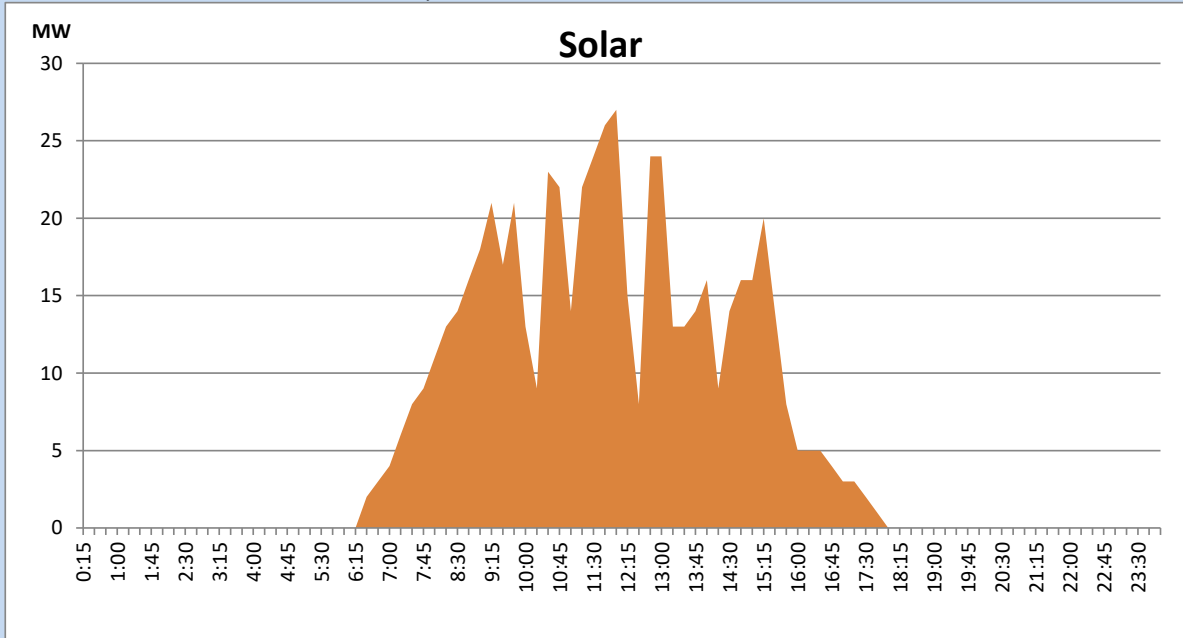
Based on Telemetered Power Stations only



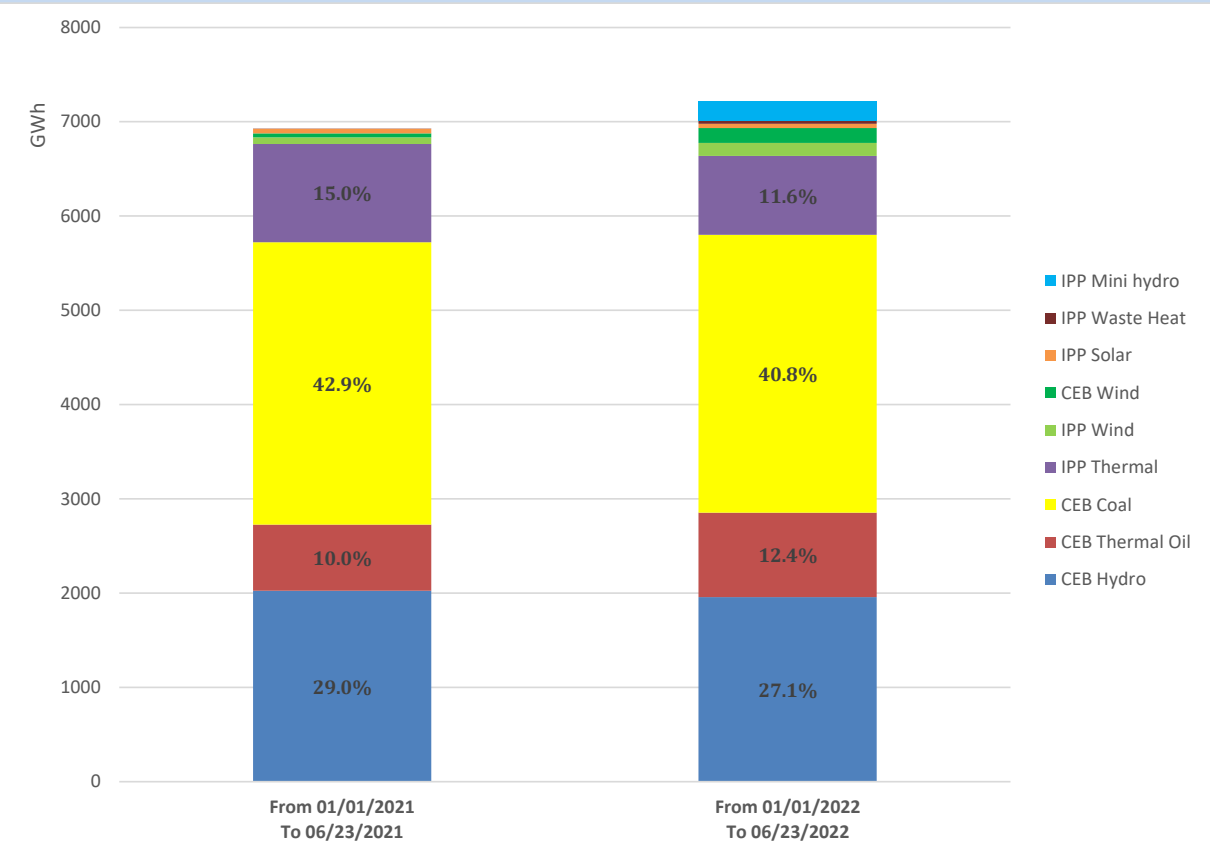
## Solar Generation during the Previous day

June 22, 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 24, 2022

- 1) Rotational manual load shedding was carried out from 05:00hrs to 08:30hrs and from 12:00hrs to 22:00hrs.
- 2) Ukuwela 132/33kV T/F-02 tripped at 11:10 hrs and the T/F was normalized at 12:11 hrs.
- 3) Matara-Galle cct-01 tripped & A/R from both ends at 21:51hrs due to the operation of differential protection.