

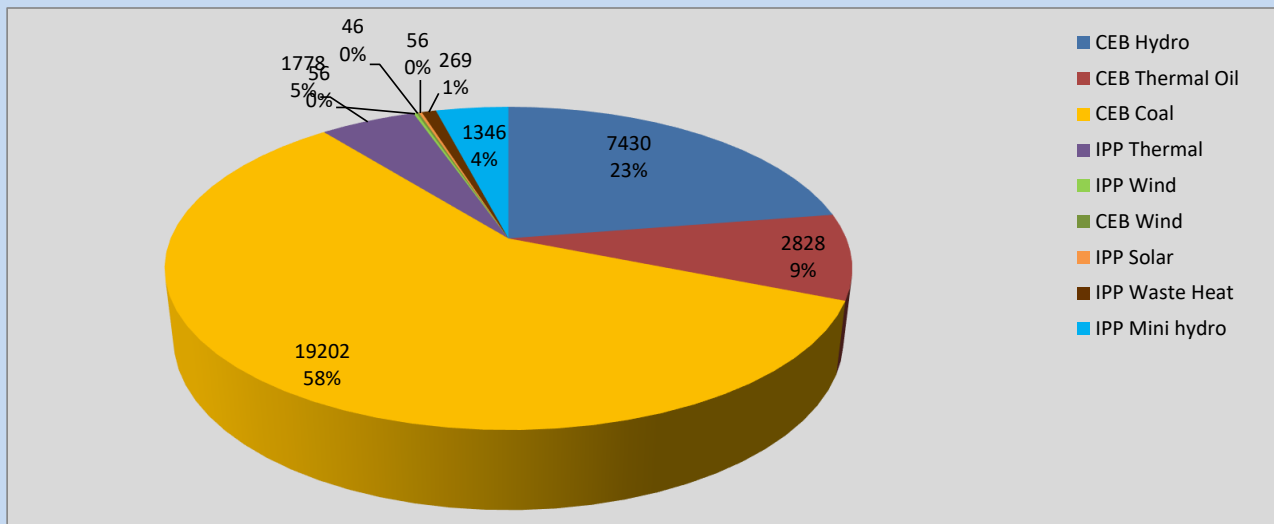
Generation and Reservoirs Statistics

April 11, 2022



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **33,194 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

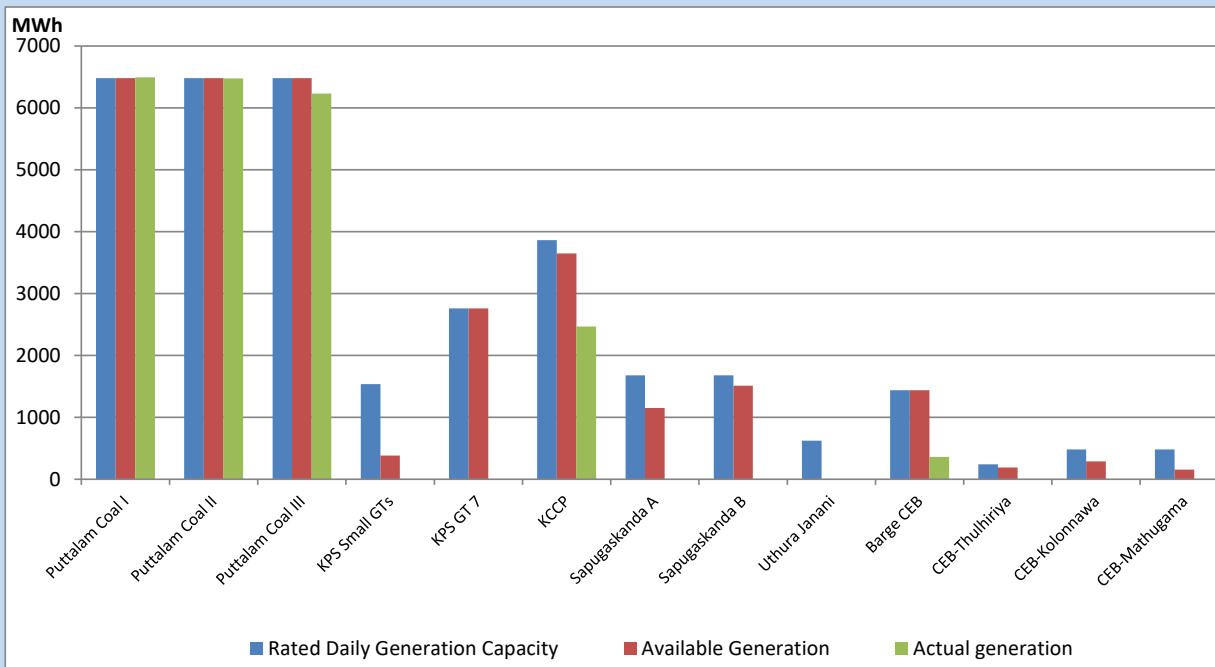
Category	Dispatch (GWh)	Percentage
CEB Hydro	87.56	21.47%
CEB Thermal Oil	31.80	7.80%
CEB Coal	215.17	52.77%
IPP Thermal	51.09	12.53%
SPP Wind	1.79	0.44%
CEB Wind	1.99	0.49%
SPP Solar	2.73	0.67%
SPP Solid Waste	2.55	0.63%
Mini Hydro	13.05	3.20%
Total	407.73	

For Current Year

Category	Dispatch (GWh)	Percentage
CEB Hydro	1,017.5	23.52%
CEB Thermal Oil	673.0	15.56%
CEB Coal	1,765.6	40.82%
IPP Thermal	644.0	14.89%
SPP Wind	44.2	1.02%
CEB Wind	55.8	1.29%
SPP Solar	26.4	0.61%
SPP Solid Waste	20.3	0.47%
Mini Hydro	79.5	1.84%
Total	4,325.8	

CEB owned Thermal Plant Dispatch

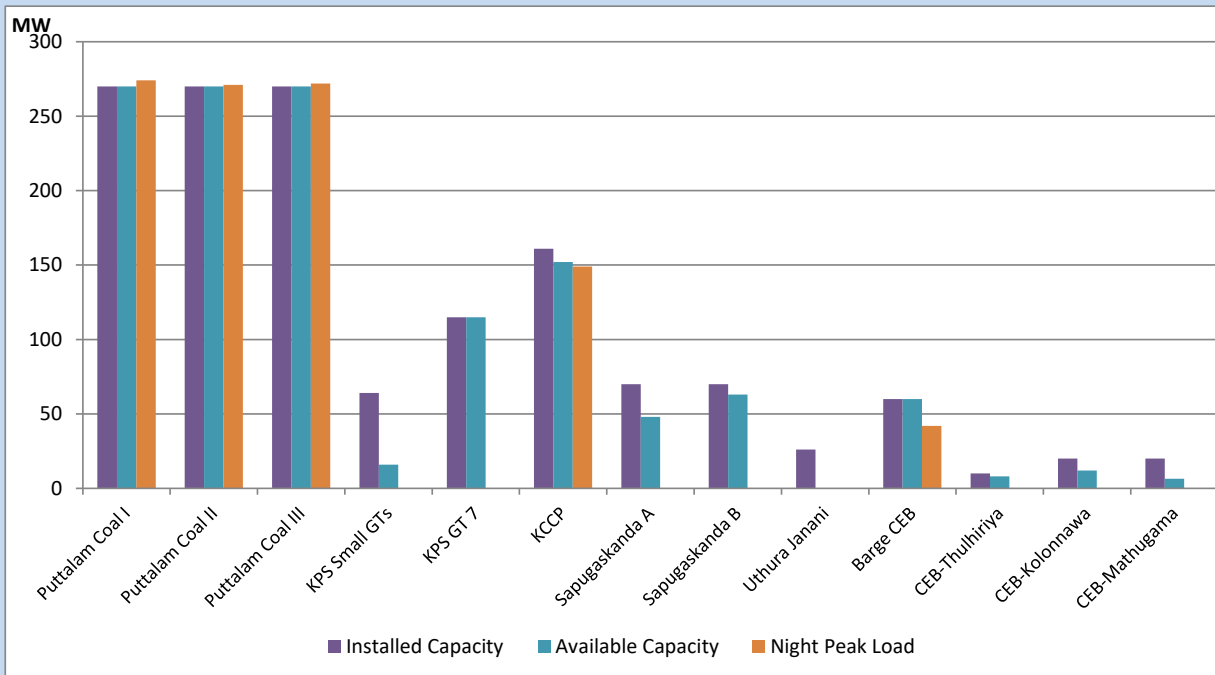
April 11, 2022



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

April 12, 2022

CEB owned Thermal Plant Loading at the Night Peak



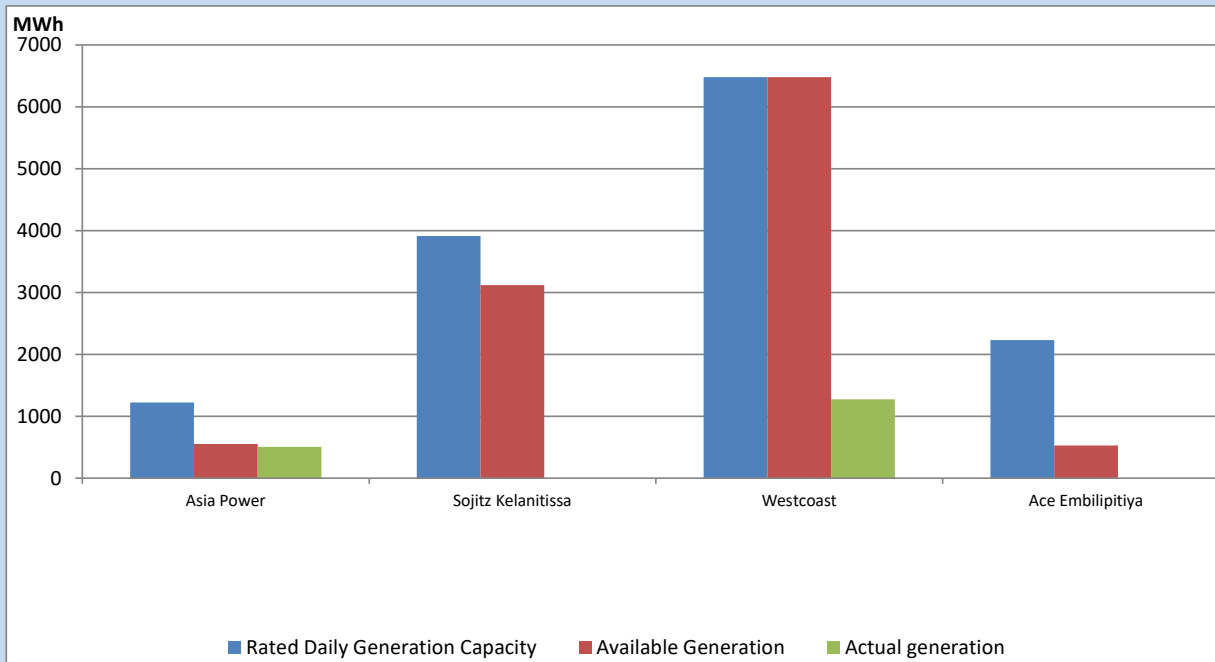
Note- Plant availability is recorded at 6.00 am on

April 12, 2022

IPP owned Thermal Plant Dispatch

April 11, 2022

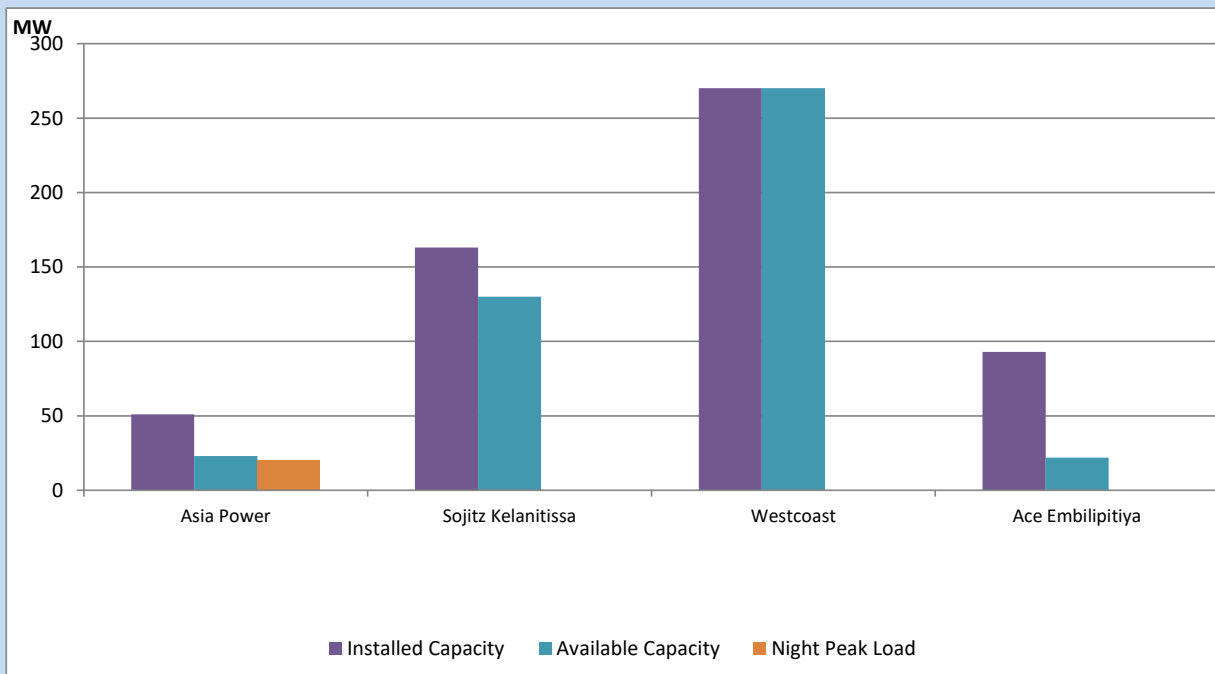
ACE Matara, Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

April 12, 2022

IPP owned Thermal Plant Loading at the Night Peak

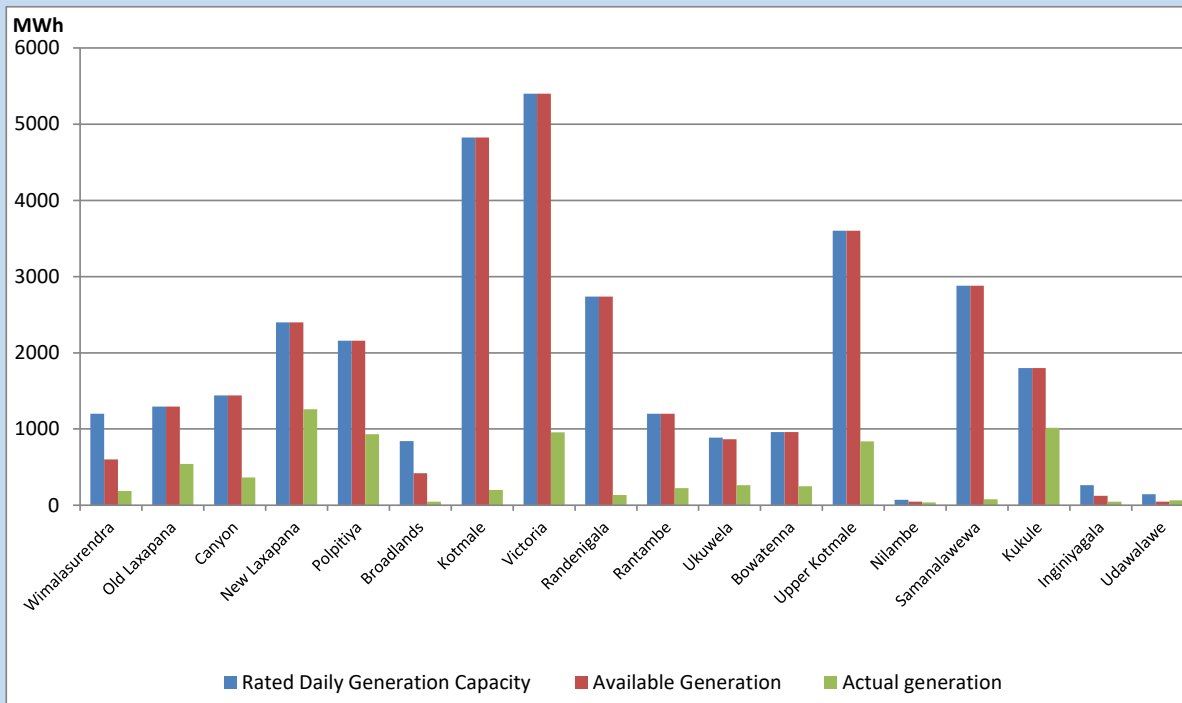


Note- Plant availability is recorded at 6.00 am on

April 12, 2022

Major Hydro Plant Dispatch

April 11, 2022

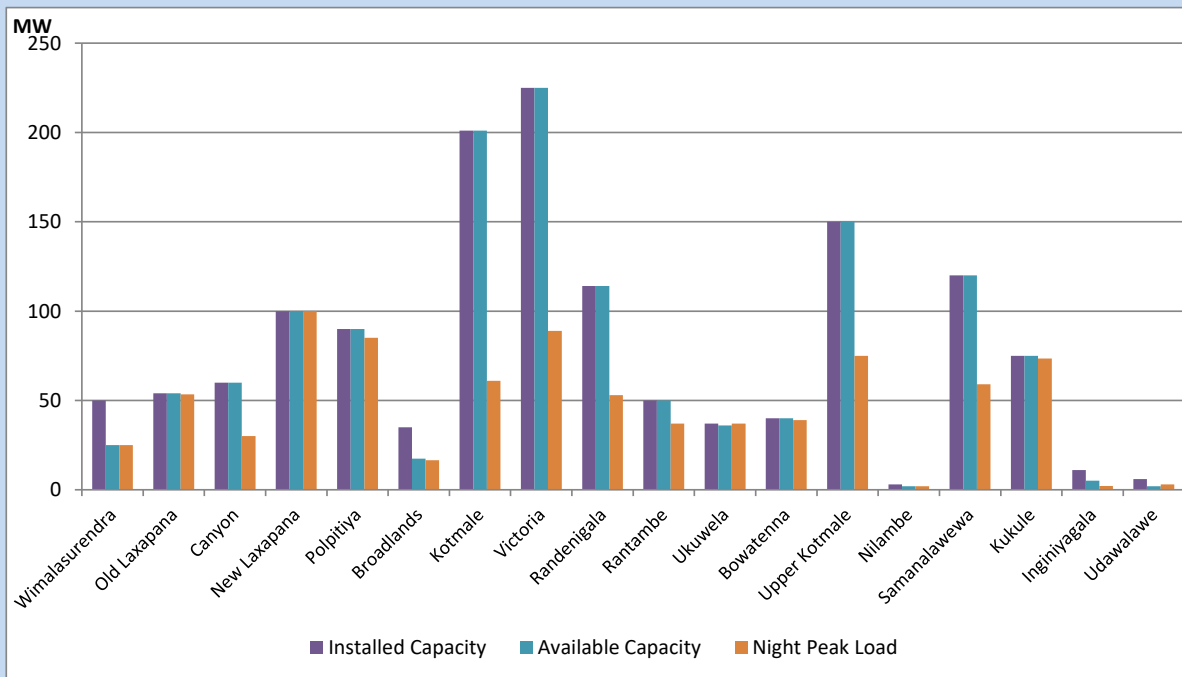


Available Generation is estimated based on plant availability at 6.00am on April 12, 2022
 Broadlands power plant is operating in the Commissioning Stage

April 12, 2022

Major Hydro Plant Loading at Night Peak

April 11, 2022



Note- Plant availability is recorded at 6.00 am on April 12, 2022
 Broadlands power plant is operating in the Commissioning Stage

Summary of Major Plant performance

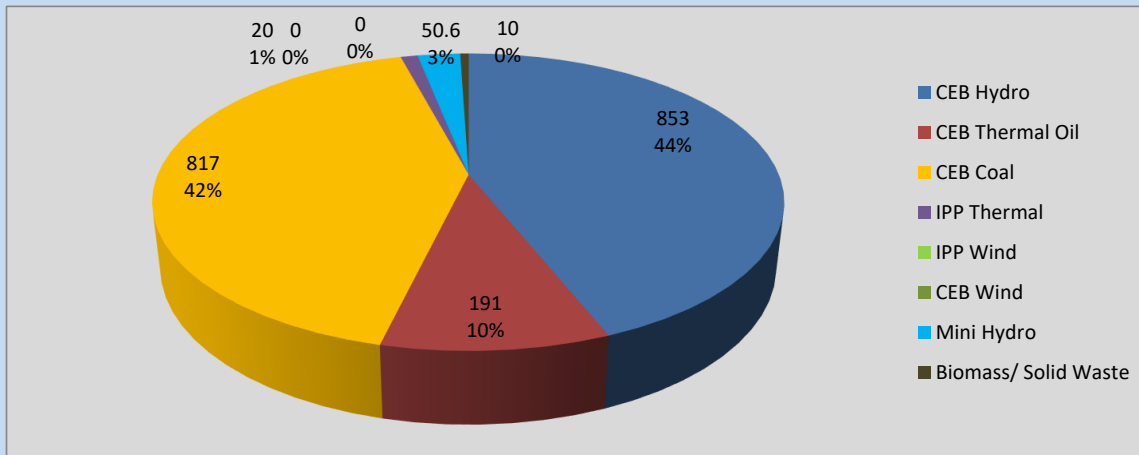
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	25	25	186
Old Laxapana	54	54	53	540
Canyon	60	60	30	365
New Laxapana	100	100	100	1,259
Polpitiya	90	90	85	931
Broadlands	35	18	17	45
Kotmale	201	201	61	200
Victoria	225	225	89	956
Randenigala	114	114	53	134
Rantambe	50	50	37	225
Ukuwela	37	36	37	262
Bowatenna	40	40	39	250
Upper Kotmale	150	150	75	838
Nilambe	3	2	2	35
Samanalawewa	120	120	59	79
Kukule	75	75	74	1,015
Inginiyagala	11	5	2	46
Udawalawe	6	2	3	64
Puttalam Coal I	270	270	274	6,494
Puttalam Coal II	270	270	271	6,476
Puttalam Coal III	270	270	272	6,232
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	152	149	2,467
Sapugaskanda A	70	48	0	0
Sapugaskanda B	70	63	0	0
Uthura Janani	26	0	0	0
Barge CEB	60	60	42	361
CEB-Thulhiriya	10	8	0	0
CEB-Kolonnawa	20	12	0	0
CEB-Mathugama	20	6	0	0
Asia Power	51	23	20	505
Sojitz Kelanitissa	163	130	0	0
West Coast	270	270	0	1,273
ACE Embilipitiya	93	22	0	0
Total	3,424	3,102	1,929	33,194

Plant availability is the availability recorded at 6 am on

April 12, 2022

Contribution to the Night Peak in MW

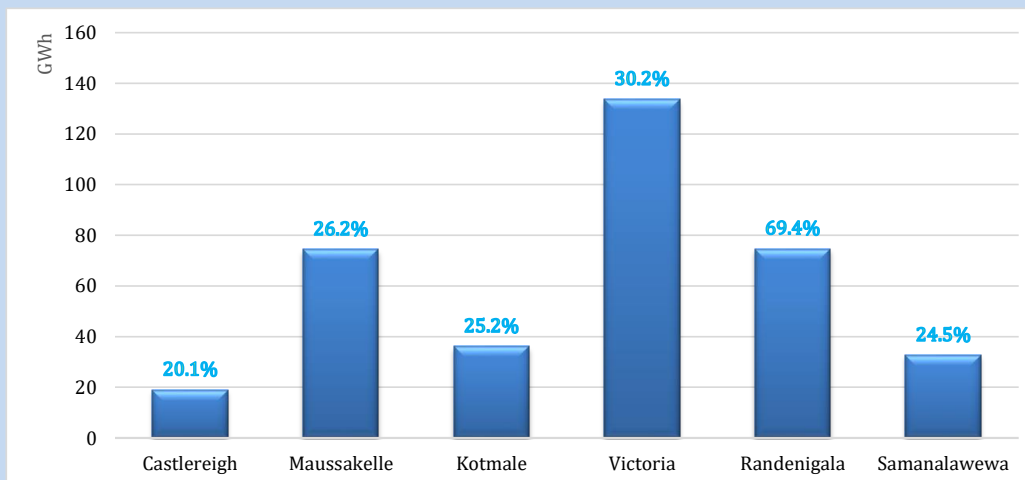
April 11, 2022



Night Peak*	1,941.1 MW
Day Peak	1,451.0 MW
Minimum Demand	1,084.4 MW

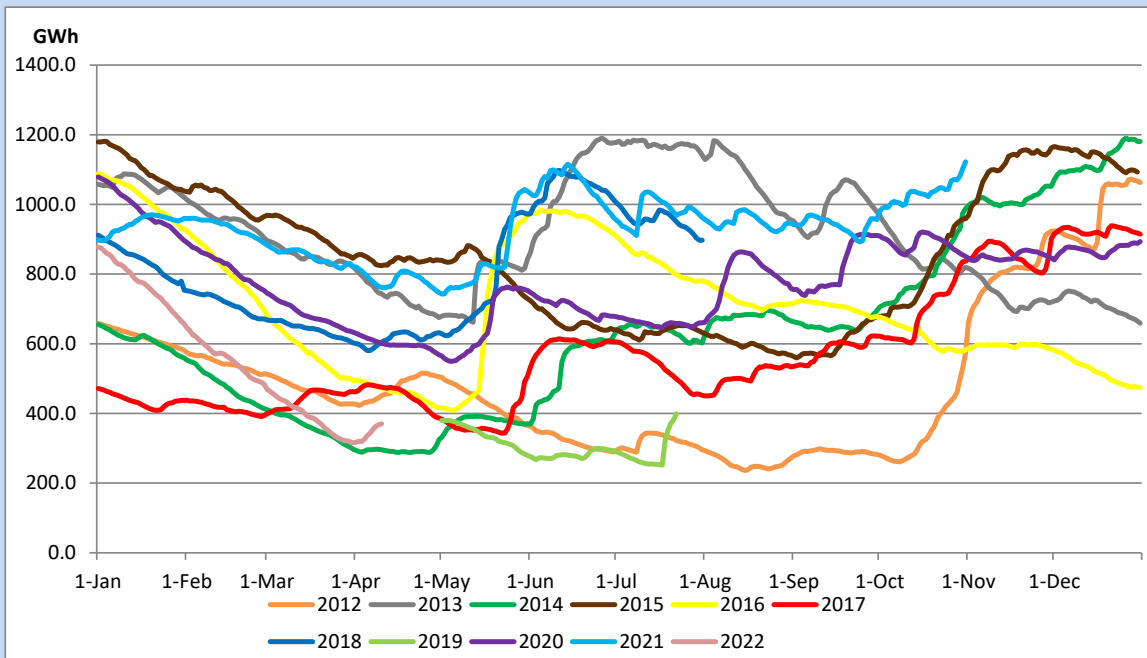
Above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on April 12, 2022



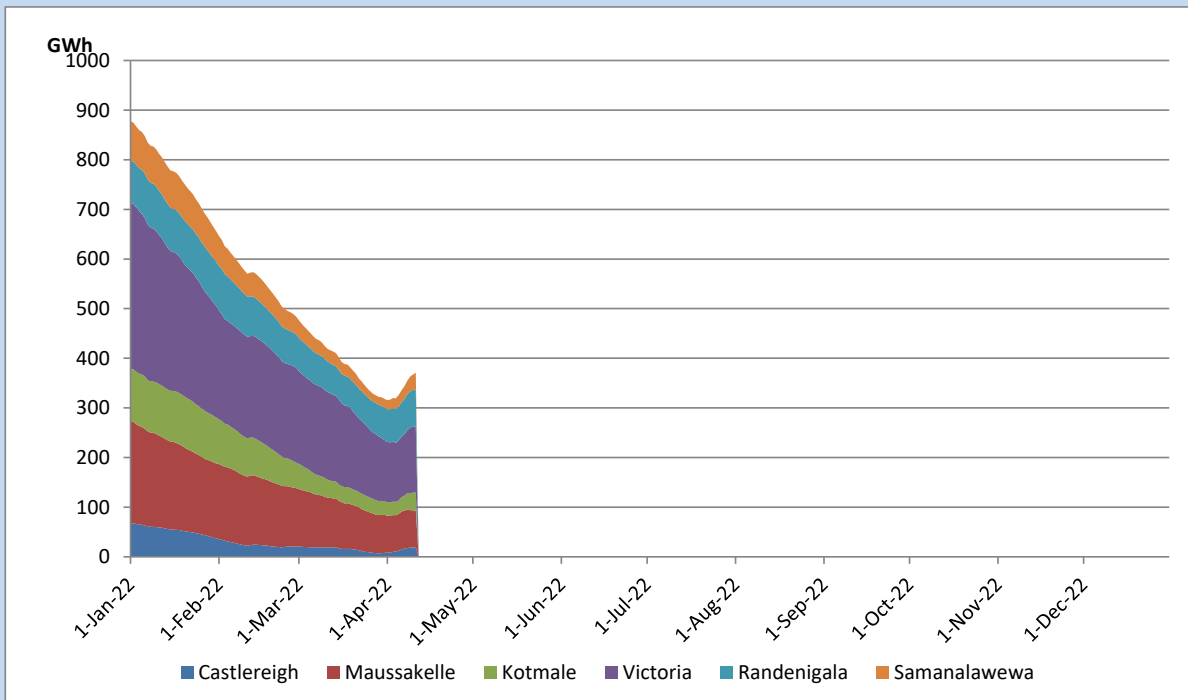
Total Reservoir Level	370.5 GWh
% of Total capacity	0.0%

Comparison of Total Reservoir Storage Levels with Past Years

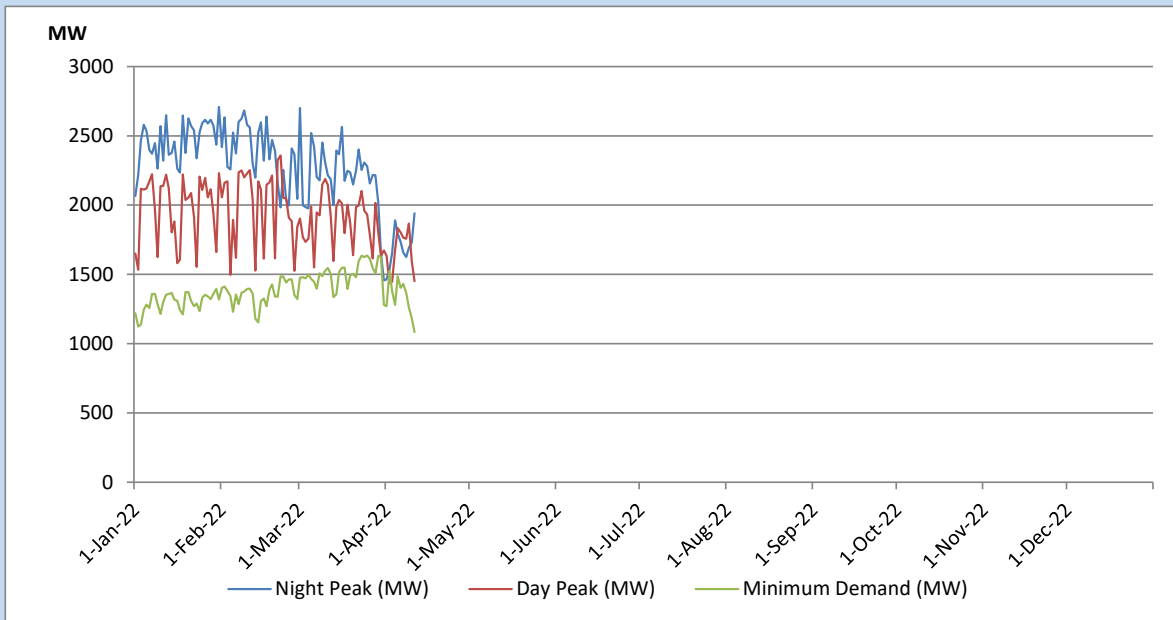


Data for 2018 and 2019 are only available for part of year.

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



Variation of Demand during the current year

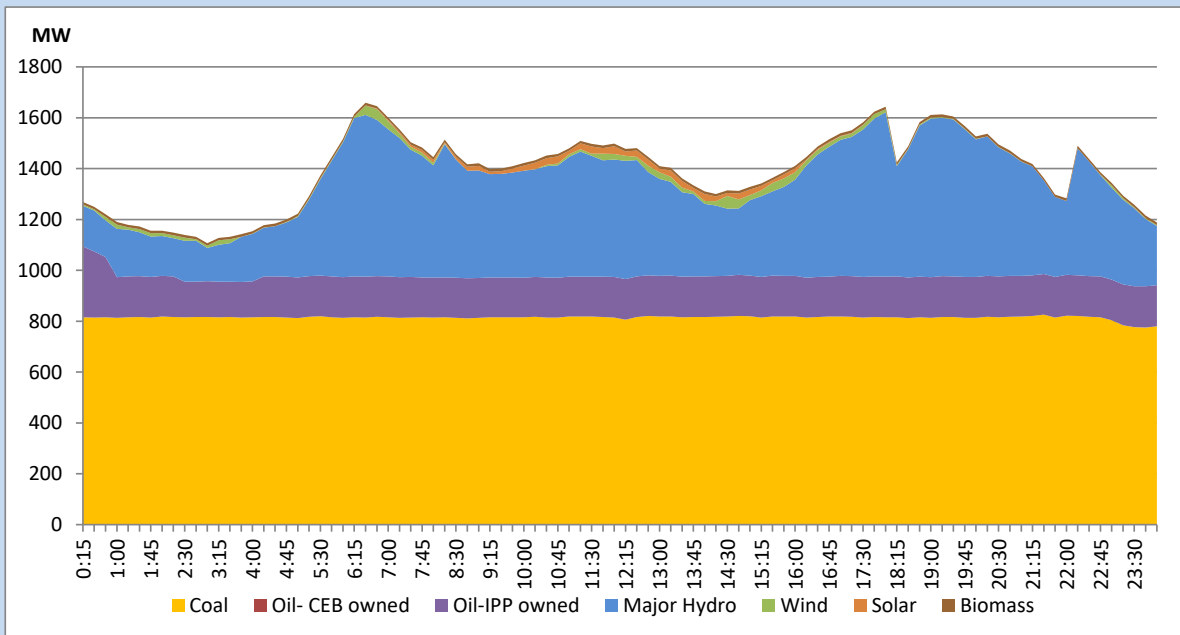


The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

Daily Load Curve of the Previous day

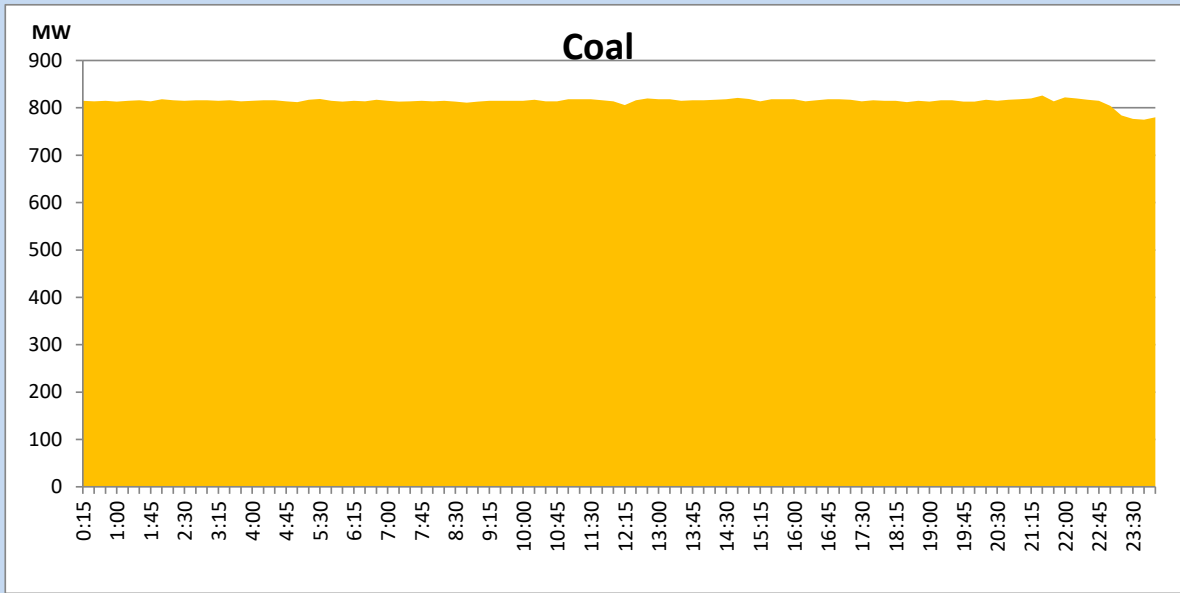
April 10, 2022

Solar and wind data is based on Telemetered Power Stations only



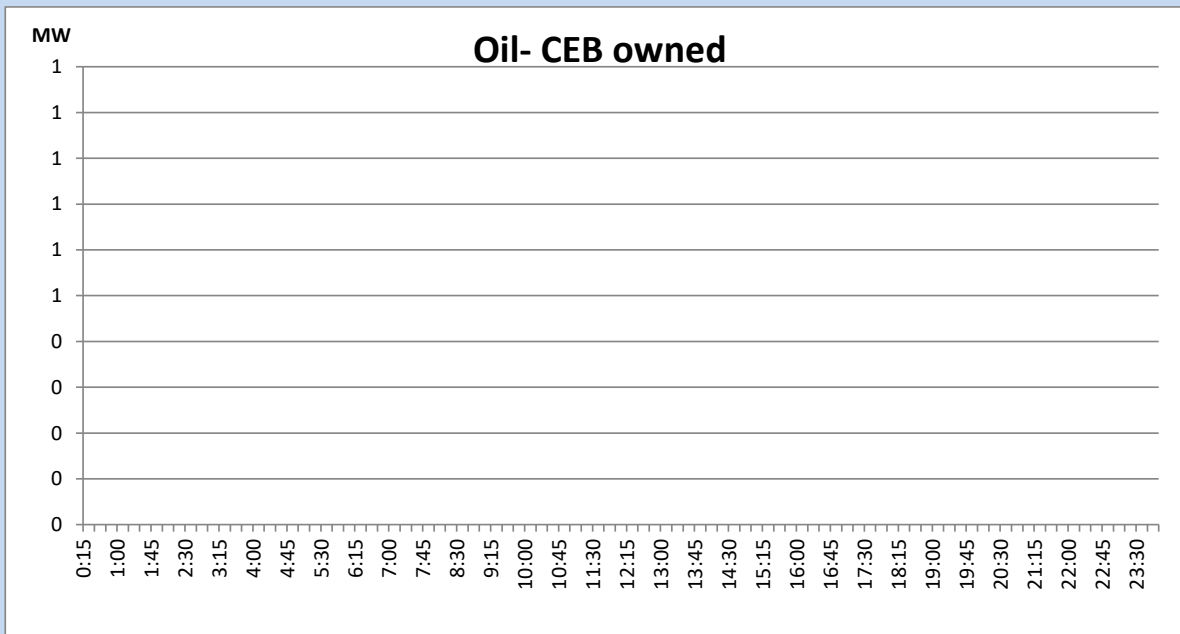
Coal Generation during the Previous day

April 10, 2022



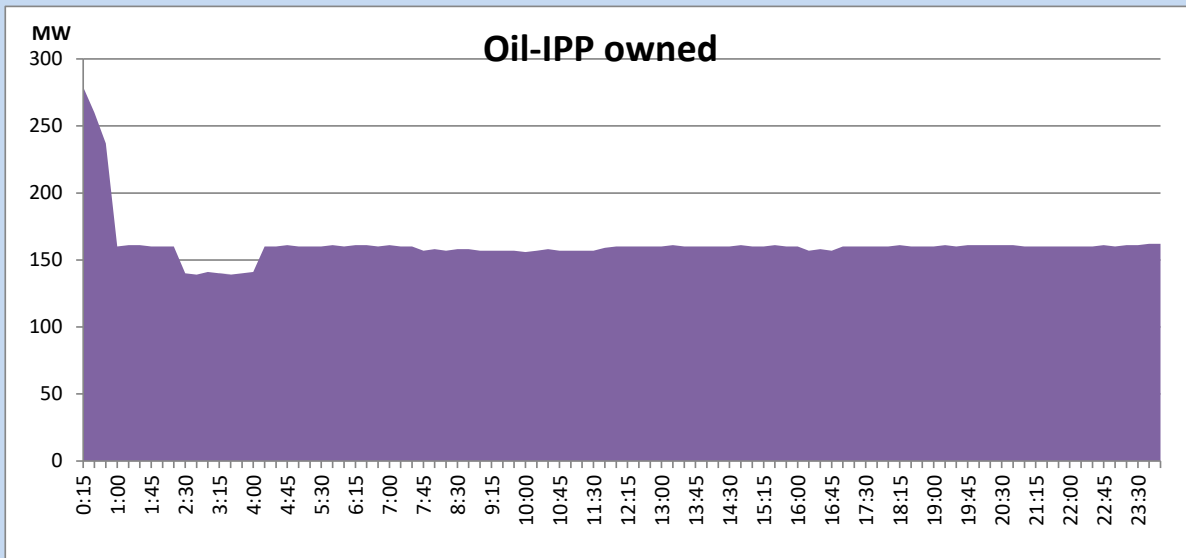
CEB Oil Plant Generation during the Previous day

April 10, 2022



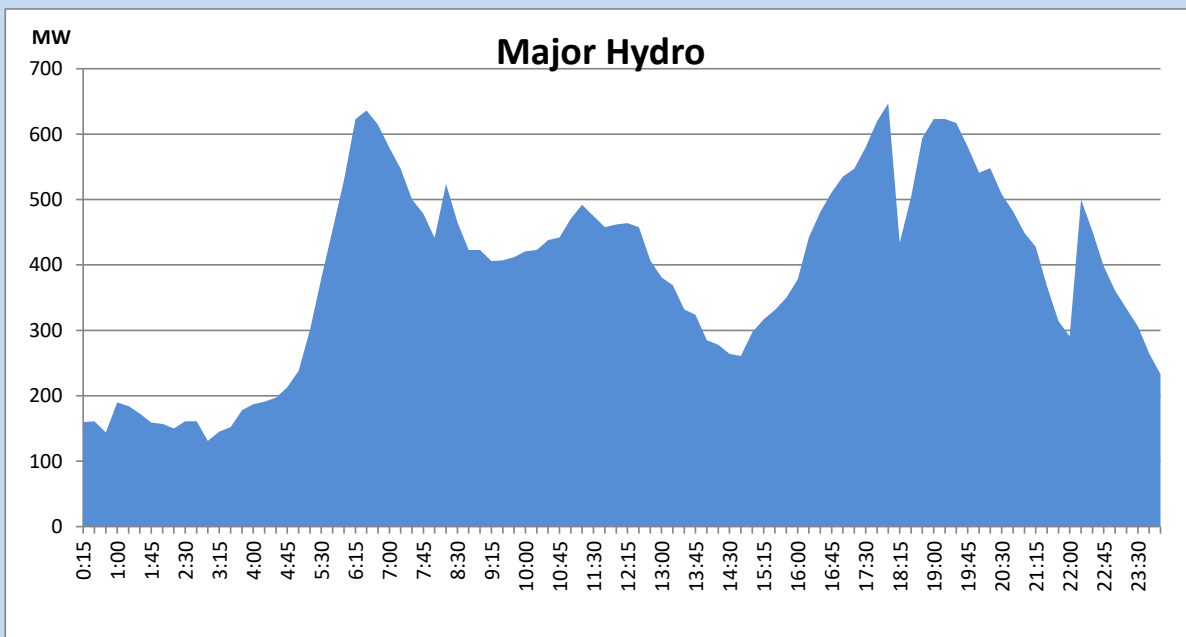
IPP Oil Plant Generation during the Previous day

April 10, 2022



Major Hydro Generation during the Previous day

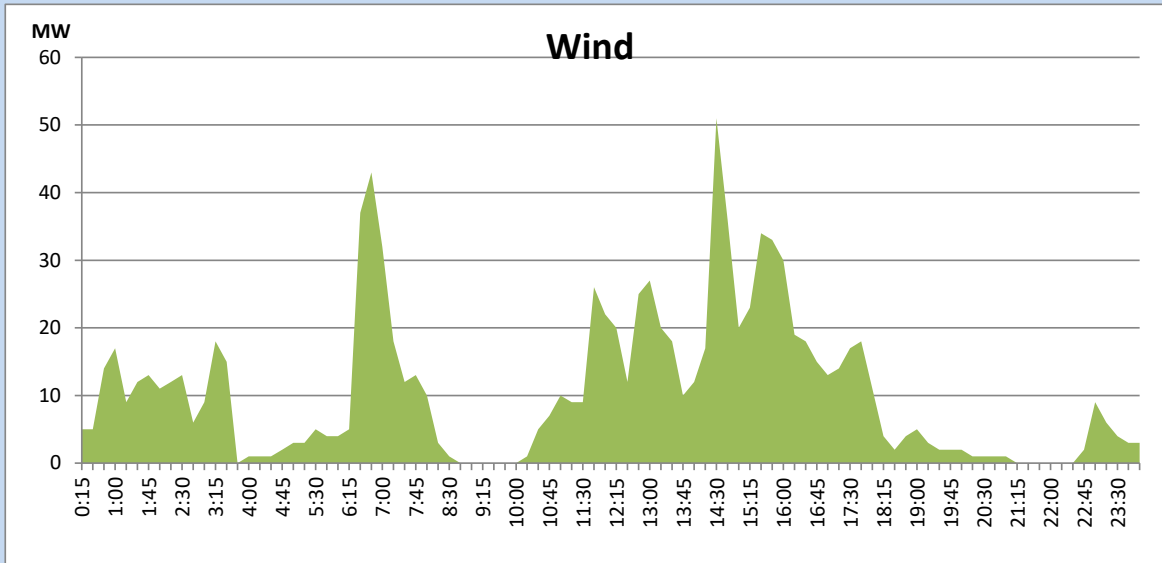
April 10, 2022



Wind Generation during the Previous day

April 10, 2022

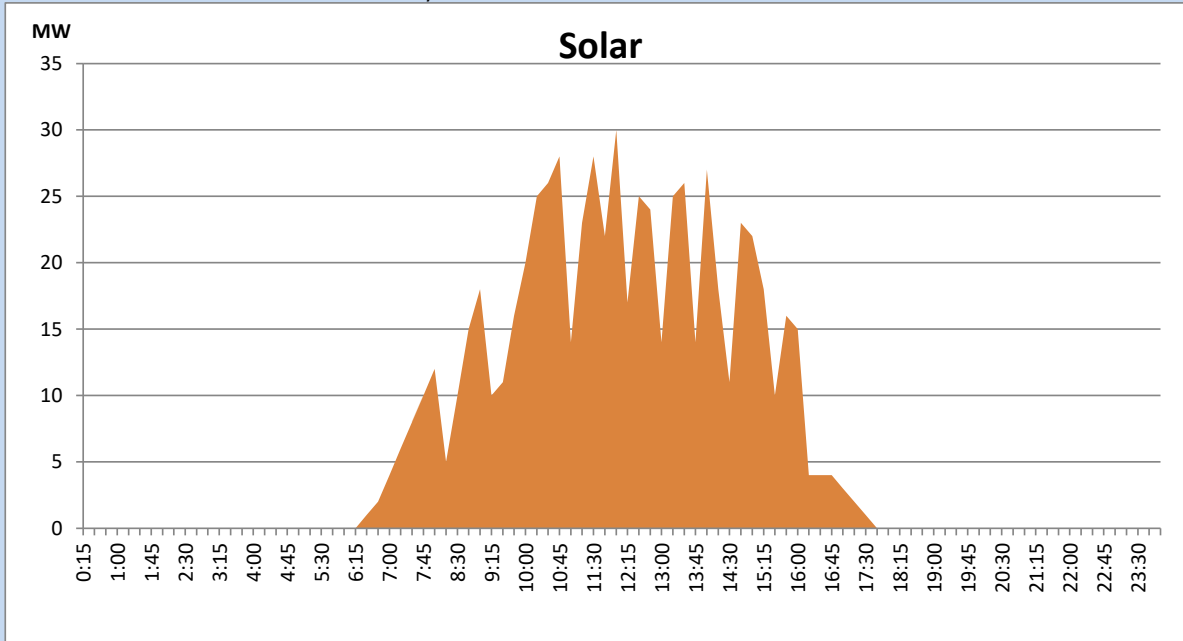
Based on Telemetered Power Stations only



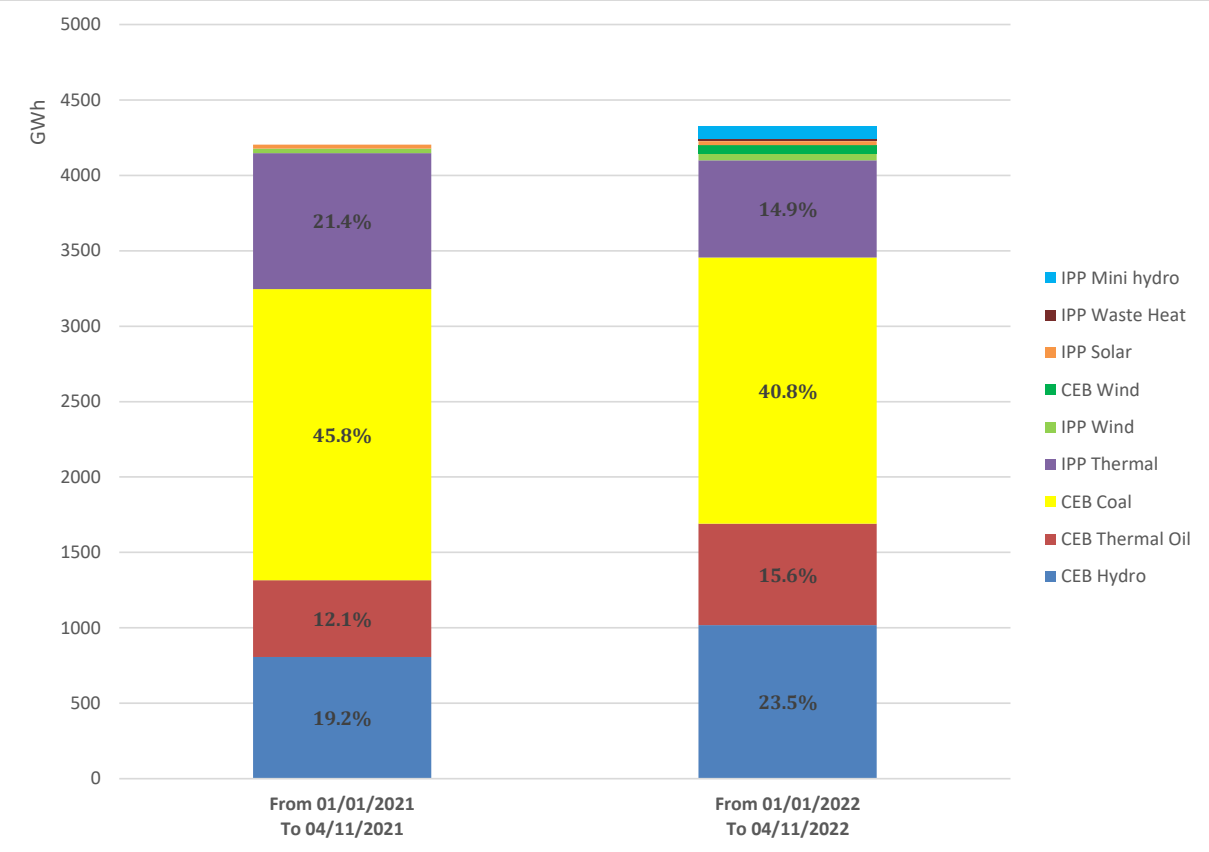
Solar Generation during the Previous day

April 10, 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 & 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	Heavy Fuel

Major Incidents during the day -as reported by CEB morning of

April 12, 2022

- 1) Rotational manual load shedding was carried out from 08:30hrs to 22:45hrs.
- 2) Putt 132/33 T/F 01, 02 and 33kv B/S tripped at 13:43 hrs and restored at 14:21 hrs.
- 3) Mona- Amp cct tripped from Mona end and A/R from Amp end at 16:31 hrs causing Mona GSS to be dead. Cct restored at 16:41 hrs .
- 4) Panni -Pand-Kalu tripped and A/R from all ends at 21:05 hrs.
- 5) N/Haba-Valach cct tripped at 21:09 hrs causing Valach GSS to be dead. Cct resotred at 21:20 hrs.