

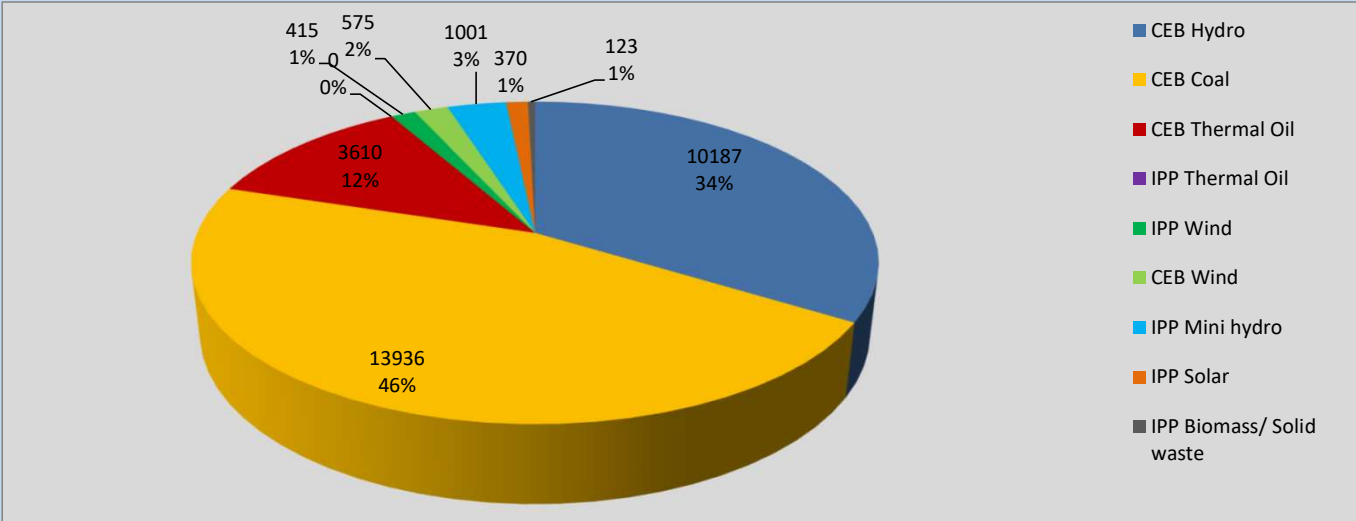
Generation and Reservoirs Statistics

January 1, 2023



PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation 30,217 MWh

(Excluding the contribution from Roof Top Solar, non telemetered Solar and certain Mini Hydro plants)

Cumulative Dispatch

For Current Month

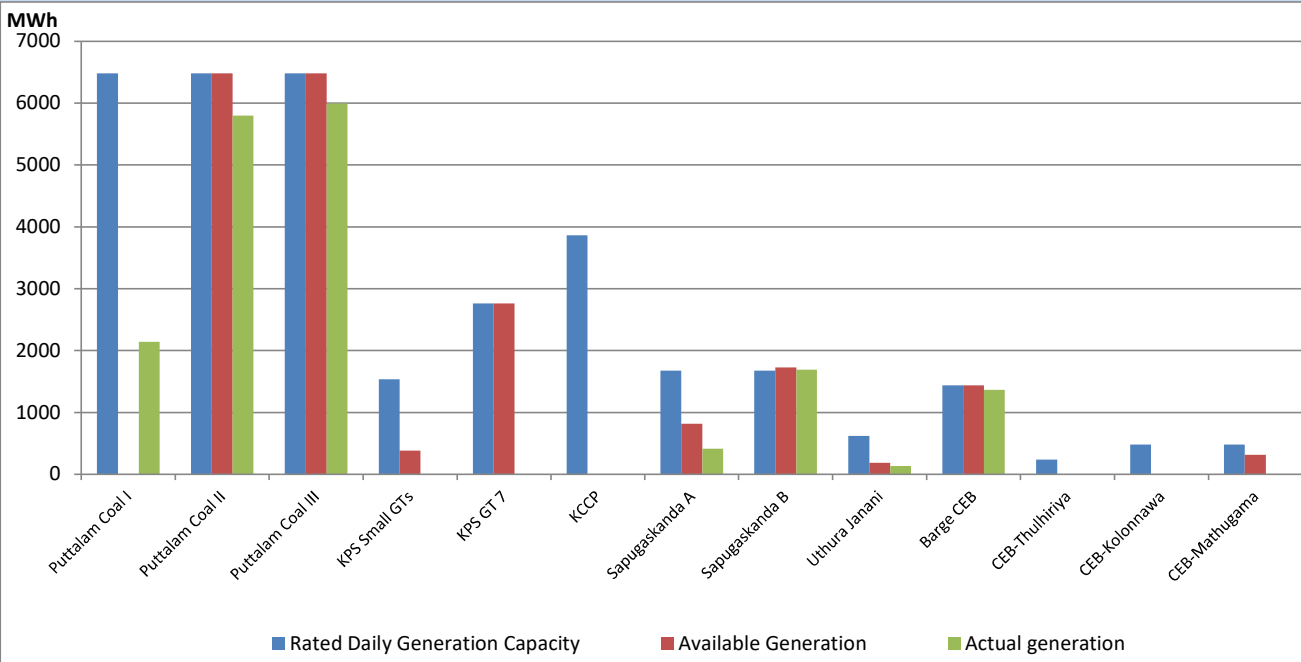
Category	Dispatch (GWh)	
CEB Hydro	10	33.72%
CEB Thermal Oil	4	11.95%
CEB Coal	14	46.13%
IPP Thermal	0	0.00%
SPP Wind	0	1.36%
CEB Wind	1	1.92%
SPP Solar	0	1.22%
SPP Solid Waste	0	0.40%
Mini Hydro	1	3.31%
Total	30	

For Current Year

Category	Dispatch (GWh)	
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CEB owned Thermal Plant Dispatch

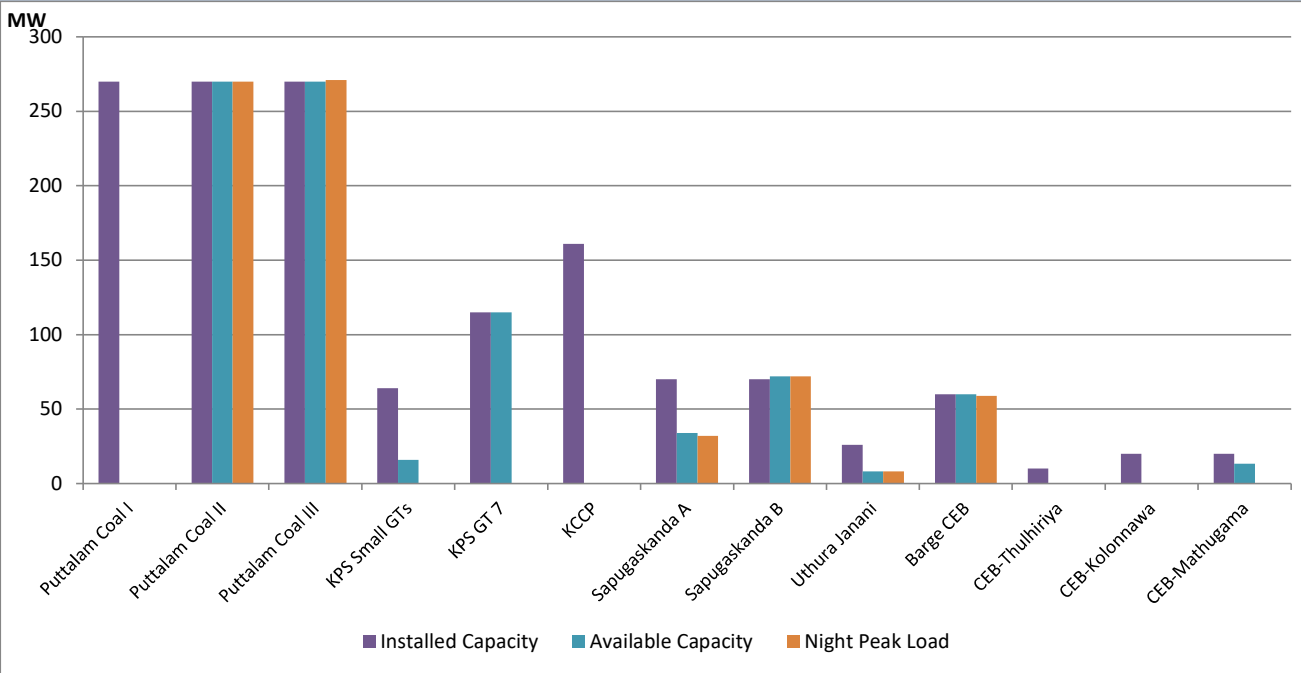
January 1, 2023



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

January 2, 2023

CEB owned Thermal Plant Loading at the Night Peak



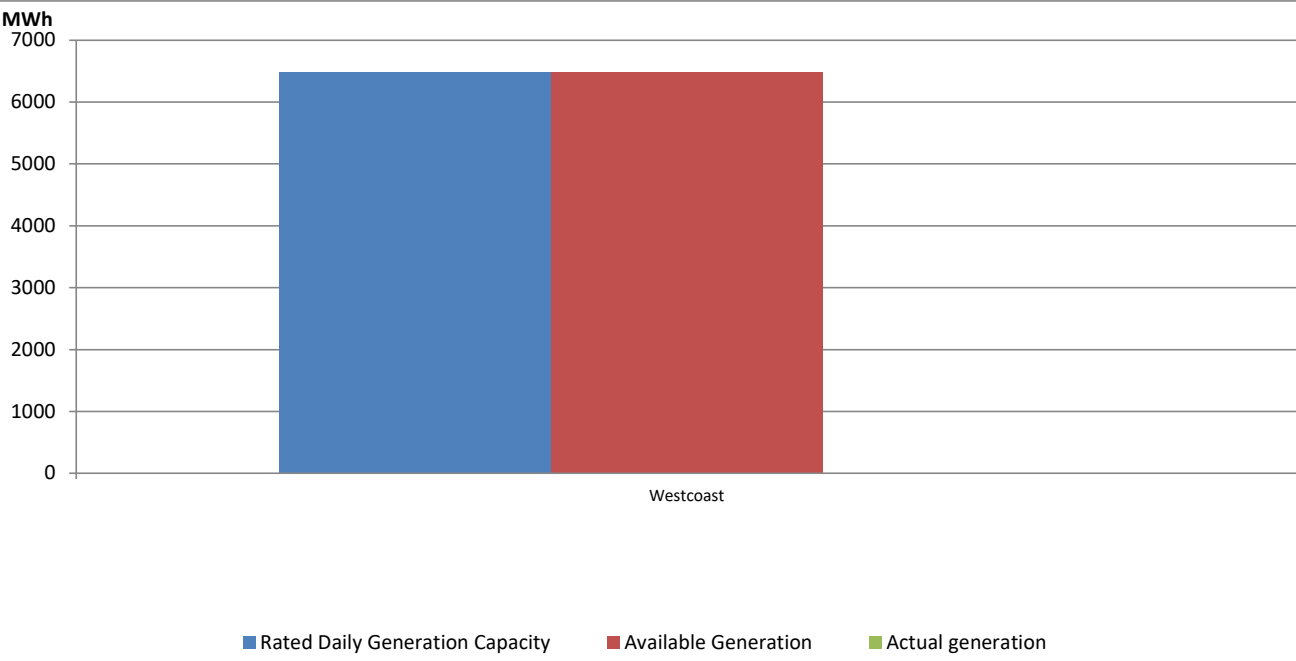
Note- Plant avilability is recorded at 6.00 am on

January 2, 2023

IPP owned Thermal Plant Dispatch

January 1, 2023

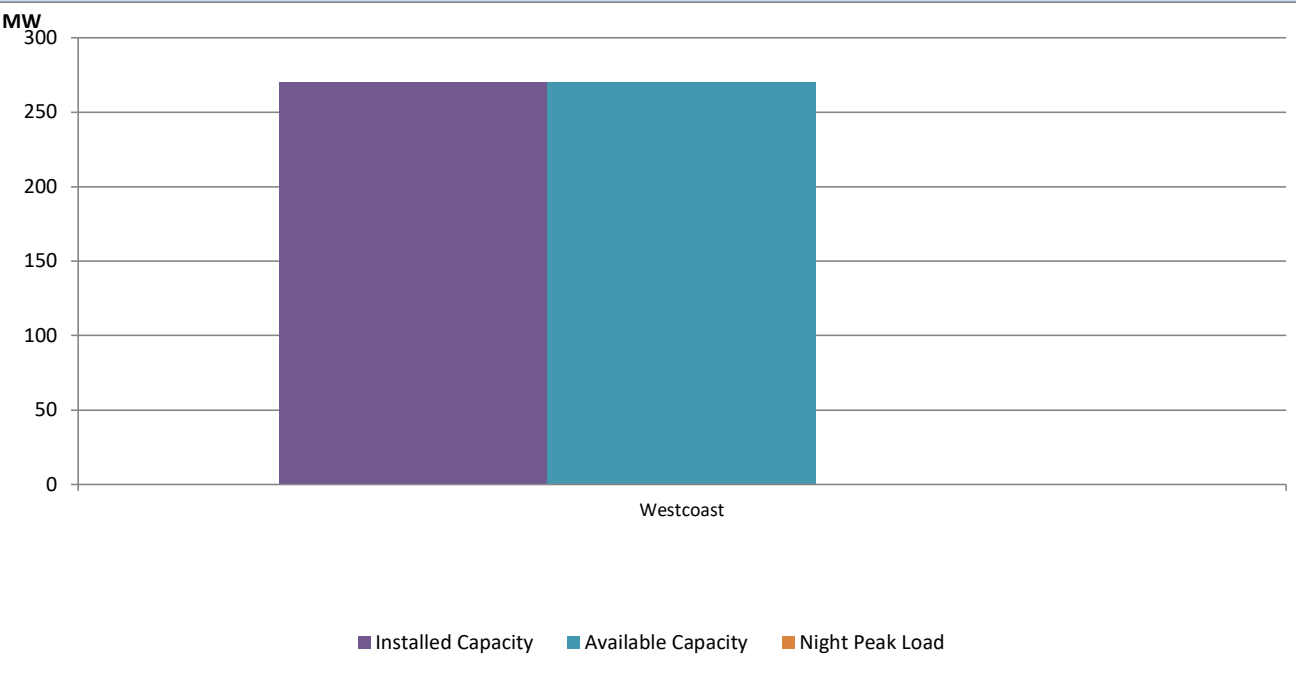
Asia Power, V Power Pallekale, Vpower Galle, V Power Horana, Vpower Hambantota, Vpower Valachchena and Altaqa Mahiyanganaya are not available due to expiration of PPAs



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

January 2, 2023

IPP owned Thermal Plant Loading at the Night Peak

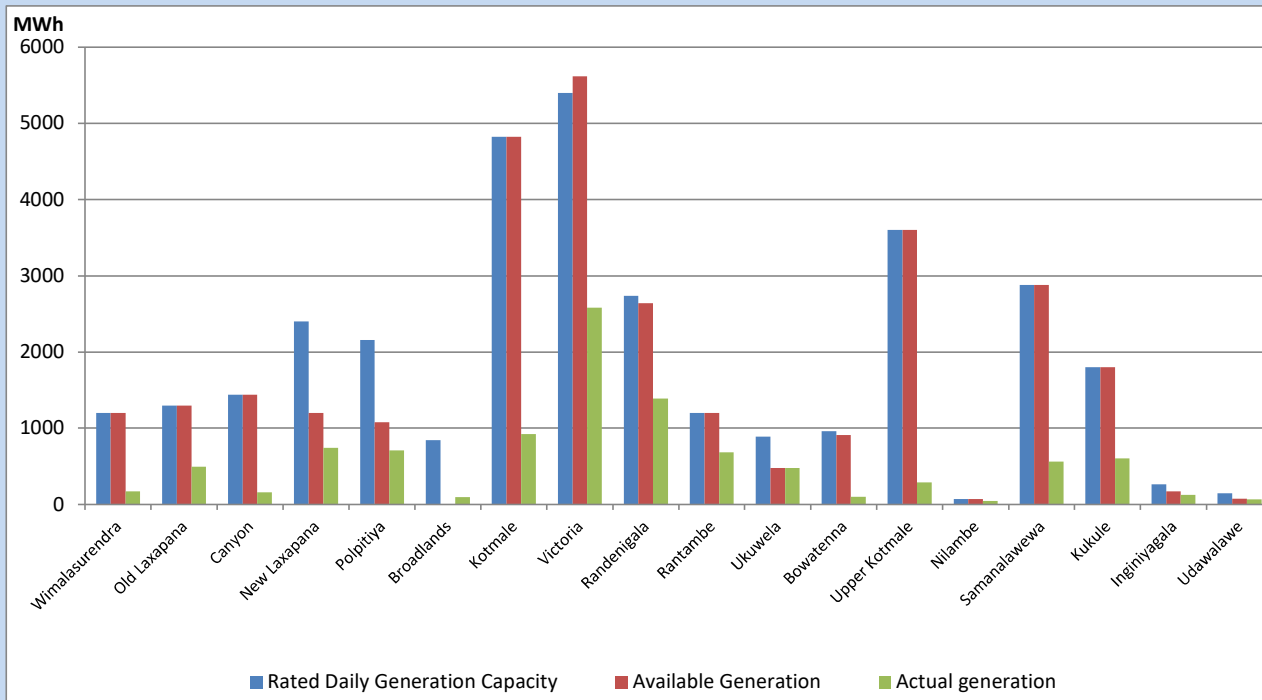


Note- Plant avilability is recorded at 6.00 am on

January 2, 2023

Major Hydro Plant Dispatch

January 1, 2023

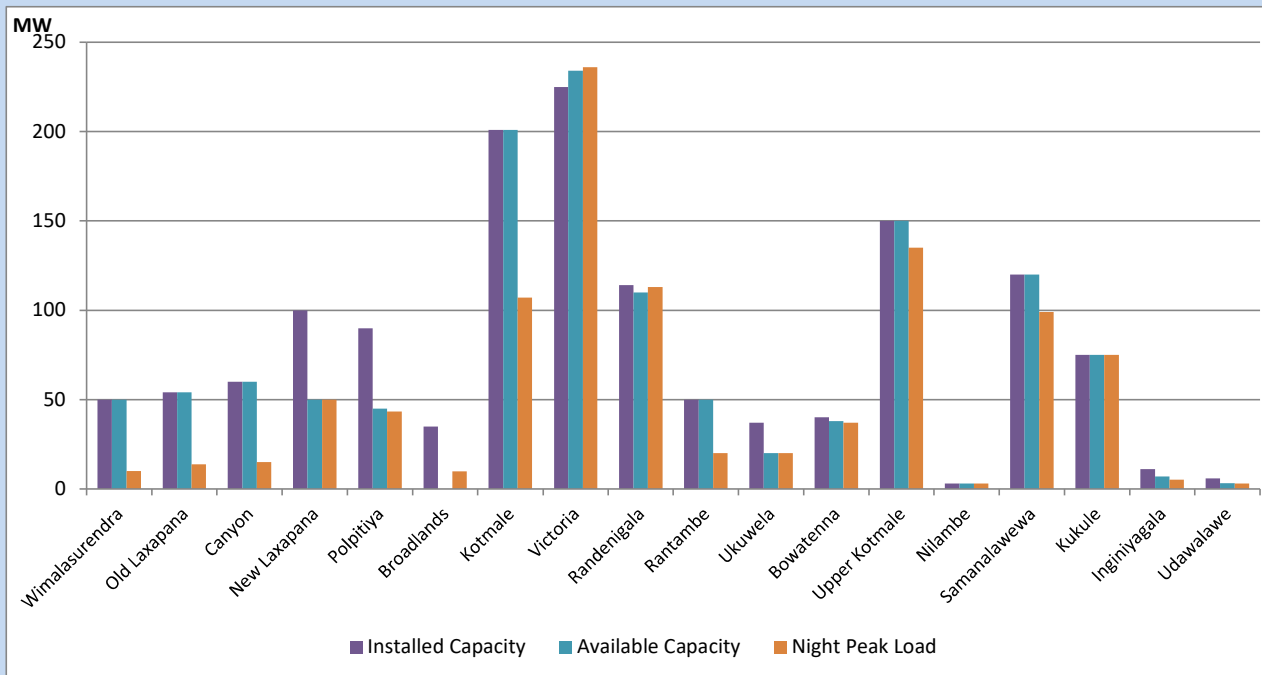


Available Generation is estimated based on plant availability at 6.00am on
Broadlands power plant is operating in the Commissioning Stage

January 2, 2023

Major Hydro Plant Loading at Night Peak

January 1, 2023



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

January 2, 2023

Summary of Major Plant performance

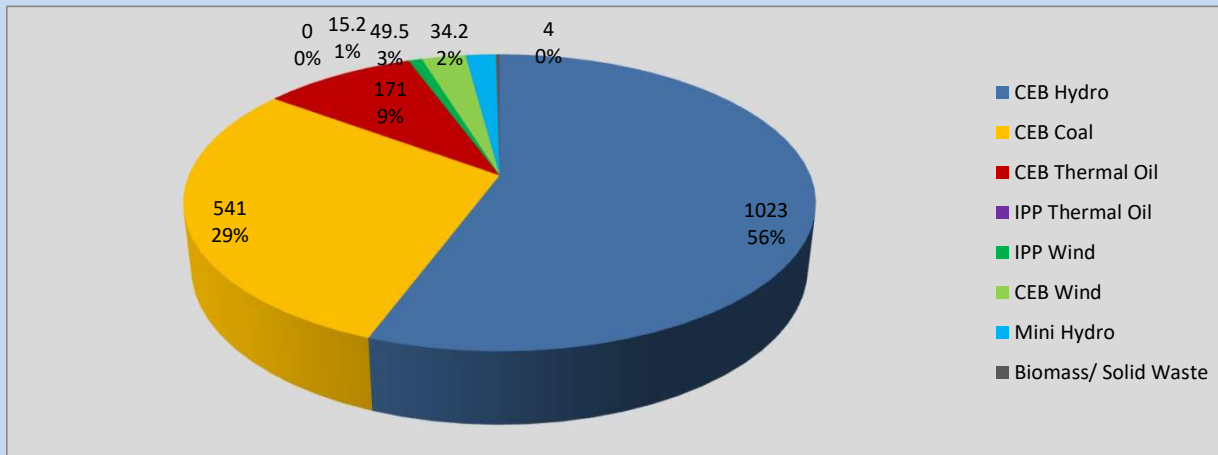
Plant	Installed Capacity	Plant Availability	Night peak Load	Plant Dispatch
	(MW)	(MW)	(MW)	(MWh)
Wimalasurendra	50	50	10	167
Old Laxapana	54	54	14	493
Canyon	60	60	15	159
New Laxapana	100	50	50	739
Polpitiya	90	45	43	710
Broadlands	35	0	10	94
Kotmale	201	201	107	920
Victoria	225	234	236	2,579
Randenigala	114	110	113	1,387
Rantambe	50	50	20	680
Ukuwela	37	20	20	477
Bowatenna	40	38	37	99
Upper Kotmale	150	150	135	288
Nilambe	3	3	3	45
Samanalawewa	120	120	99	561
Kukule	75	75	75	604
Inginiyagala	11	7	5	122
Udawalawe	6	3	3	63
Puttalam Coal I	270	0	0	2,144
Puttalam Coal II	270	270	270	5,801
Puttalam Coal III	270	270	271	5,991
KPS Small GTs	64	16	0	0
KPS GT 7	115	115	0	0
KCCP	161	0	0	0
Sapugaskanda A	70	34	32	419
Sapugaskanda B	70	72	72	1,691
Uthura Janani	26	8	8	135
Barge CEB	60	60	59	1,365
CEB-Thulhiriya	10	0	0	0
CEB-Kolonnawa	20	0	0	0
CEB-Mathugama	20	13	0	0
ACE Matara	24	0	0	0
Sojitz Kelanitissa	163	0	0	0
West Coast	270	270	0	0
ACE Embilipitiya	93	0	0	0
Total	3,397	2,398	1,810	30,217

Plant availability is the availability recorded at 6 am on

January 2, 2023

Contribution to the Night Peak in MW

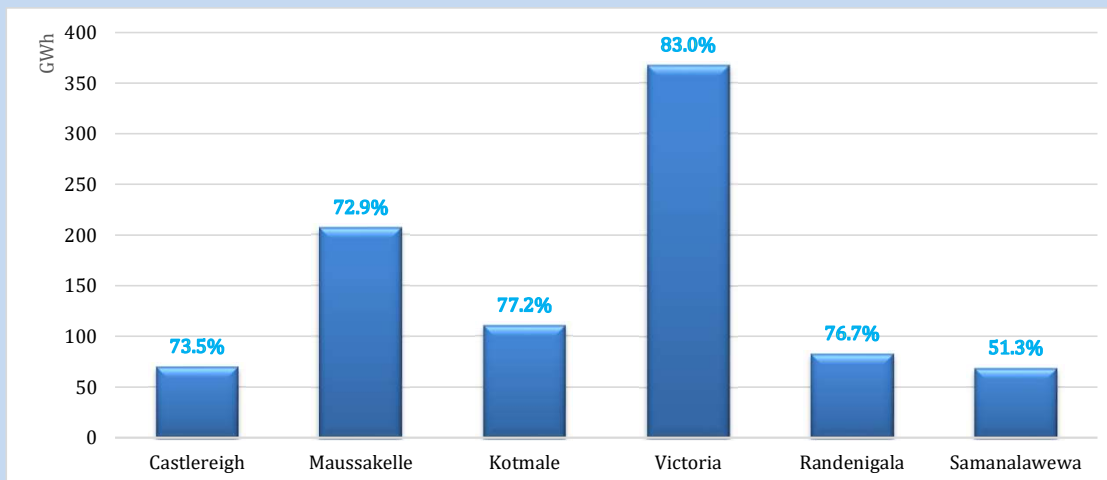
January 1, 2023



Night Peak* 1,838.0 MW
 Day Peak 1,144.9 MW
 Minimum Demand 1,017.2 MW

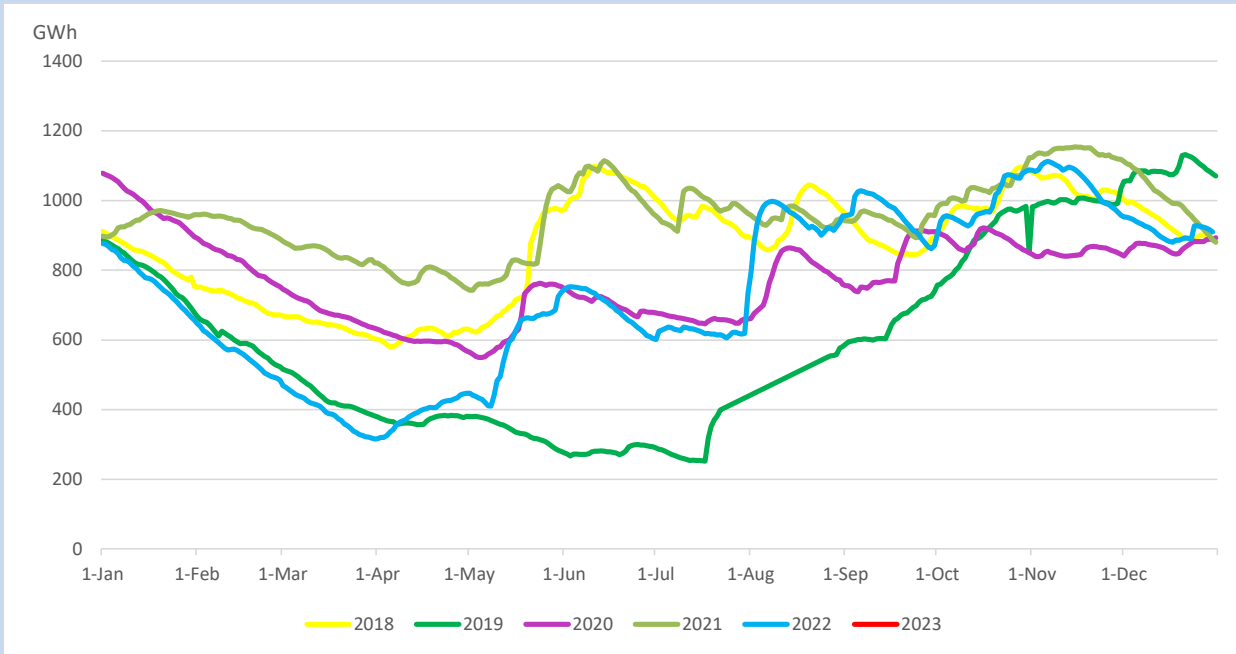
Above figures are excluding contribution from Roof Top Solar, non telemetered Solar and certain Mini Hydro plants

Reservoir Levels - as at 06.00 Hr on January 2, 2023

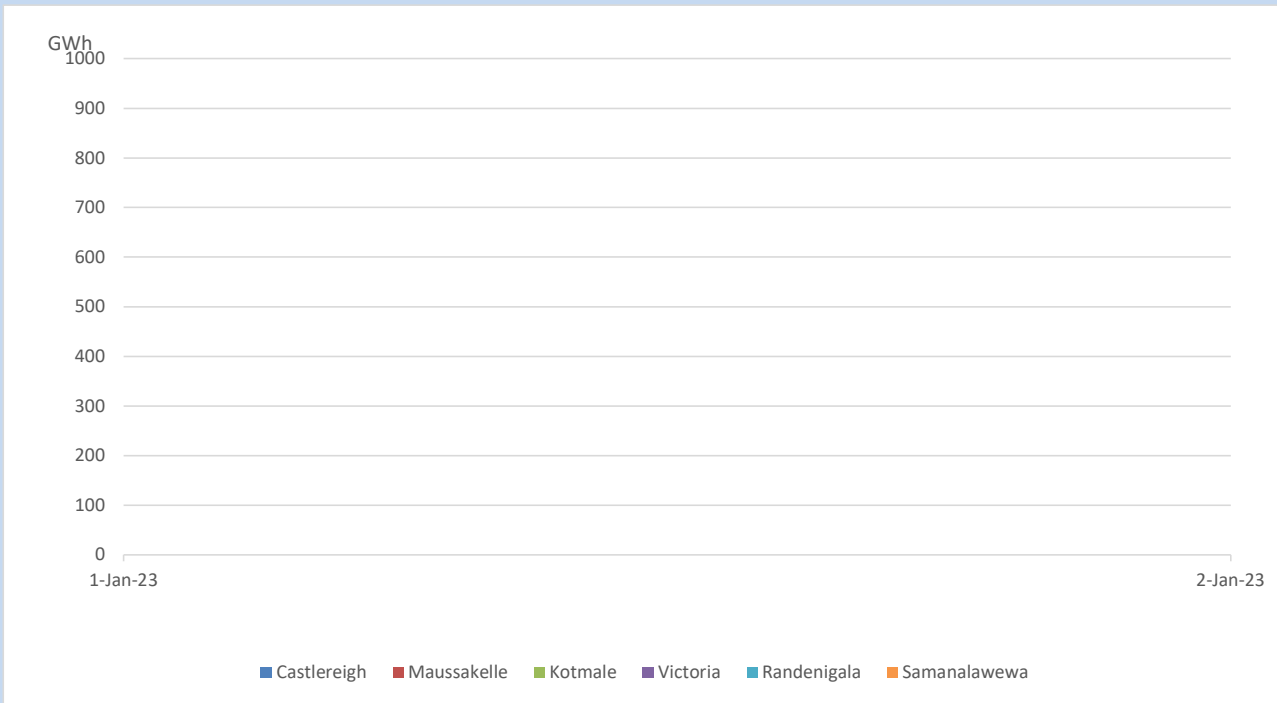


Total Reservoir Level 905.3 GWh
 % of Total capacity 75.1%

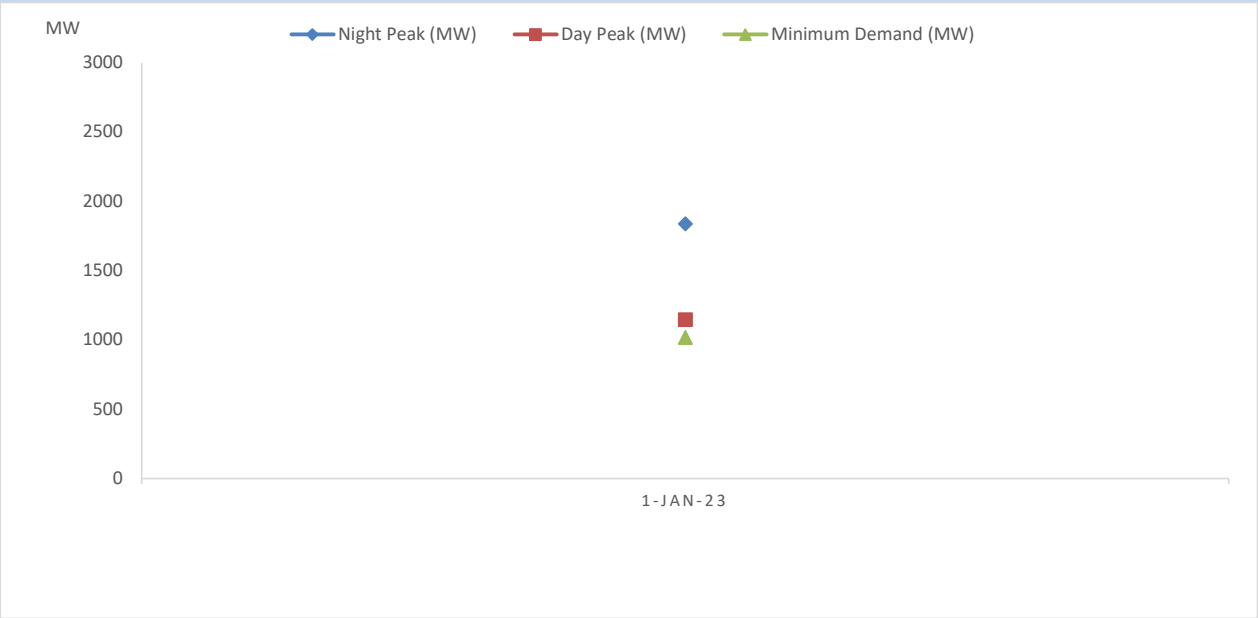
Comparison of Total Reservoir Storage Levels with Past Years



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



Variation of Demand during the current year

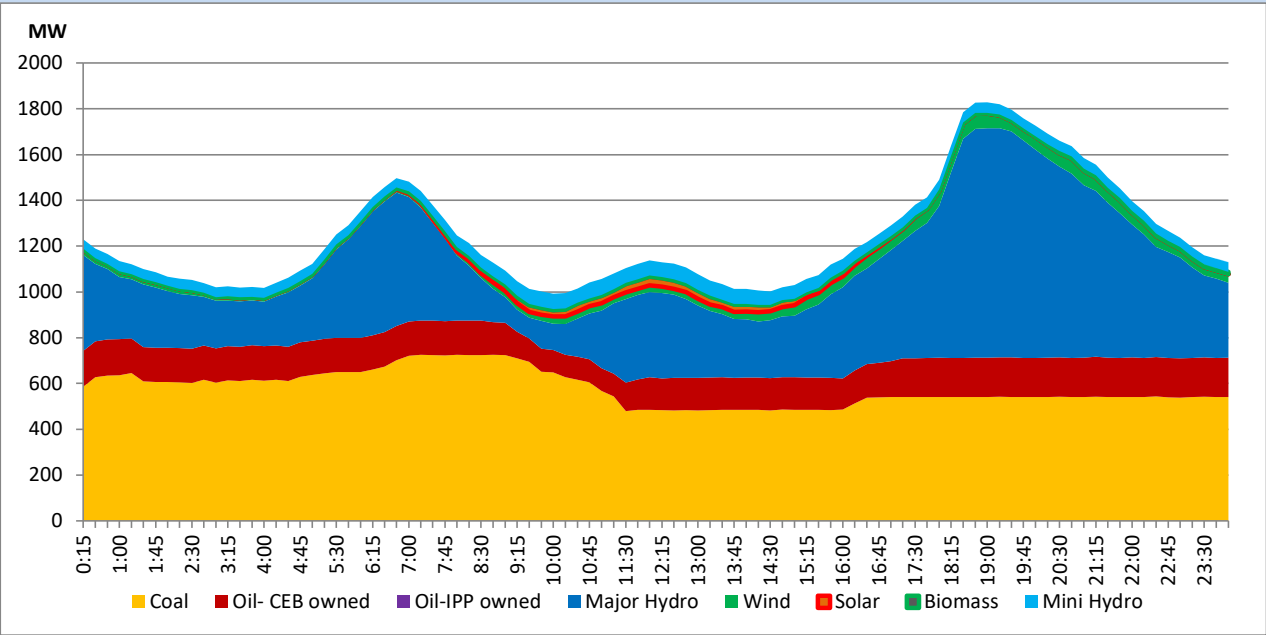


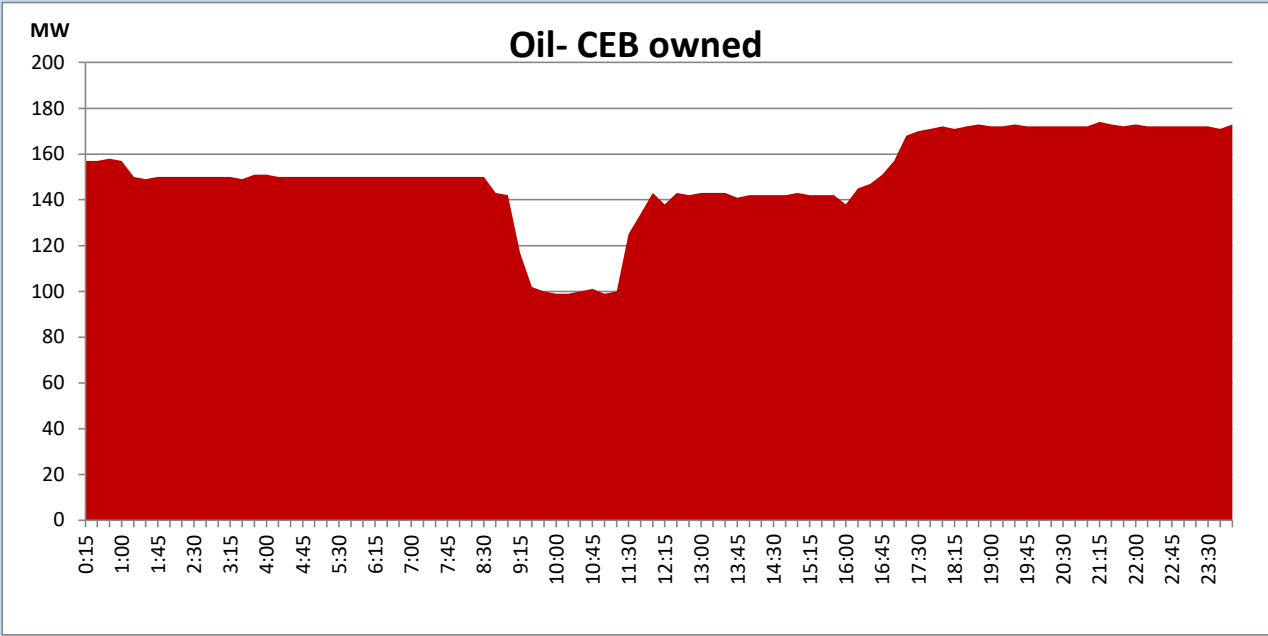
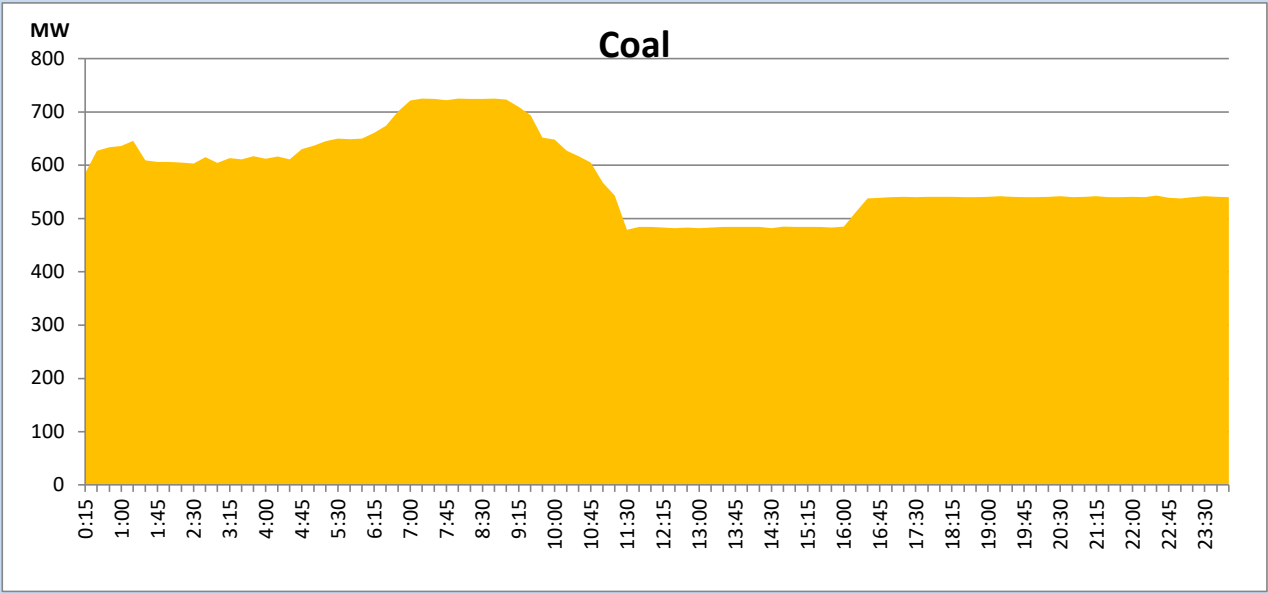
The above figures are excluding contribution from Roof Top Solar, 1MW solar, certain Wind plants and Mini Hydro plants

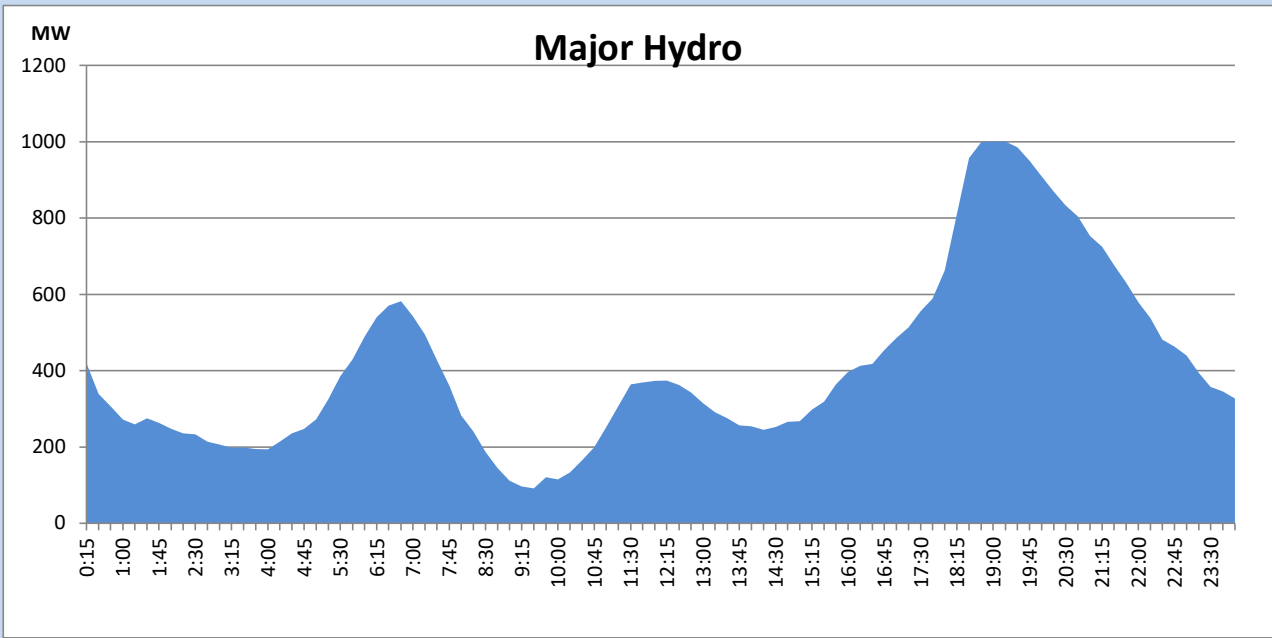
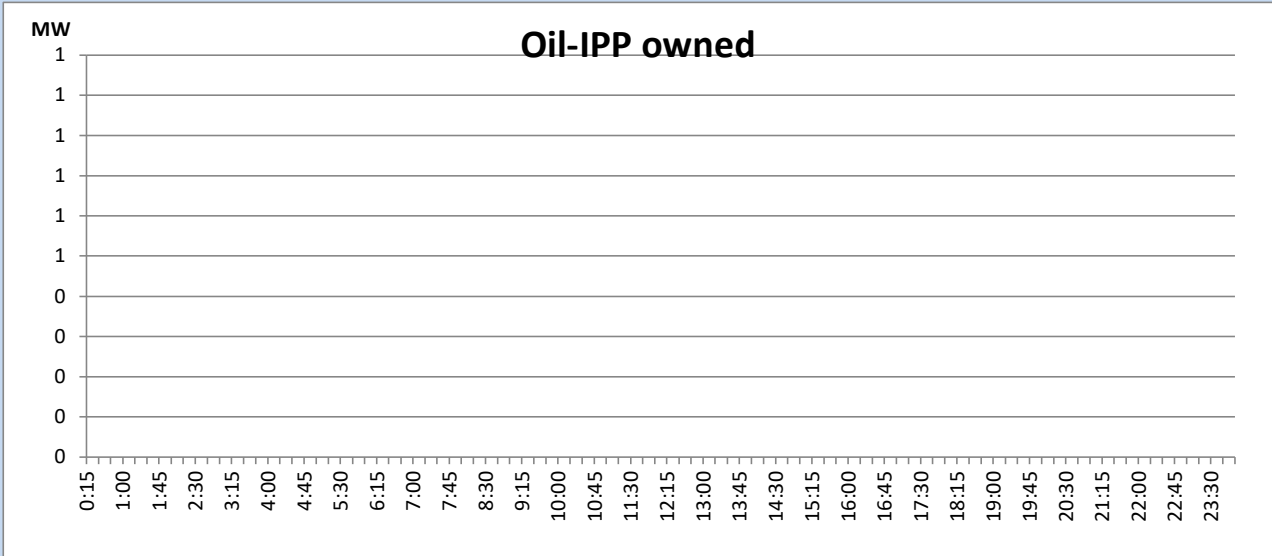
Daily Load Curve of the Previous day

December 31, 2022

Solar and wind data is based on Telemetered Power Stations only



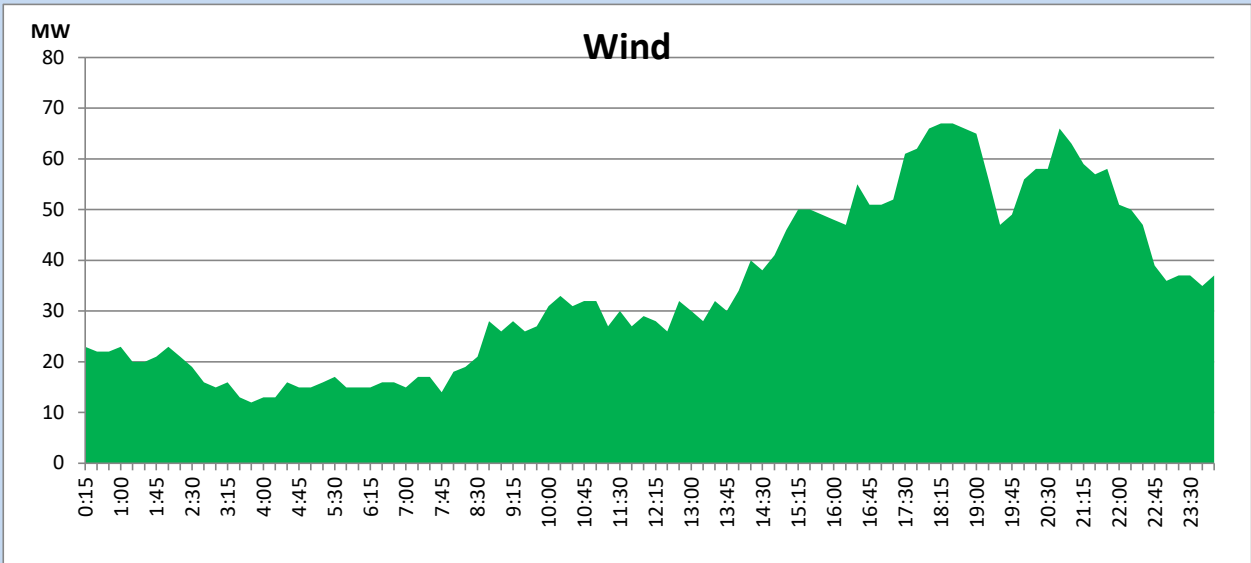




Wind Generation during the Previous day

December 31, 2022

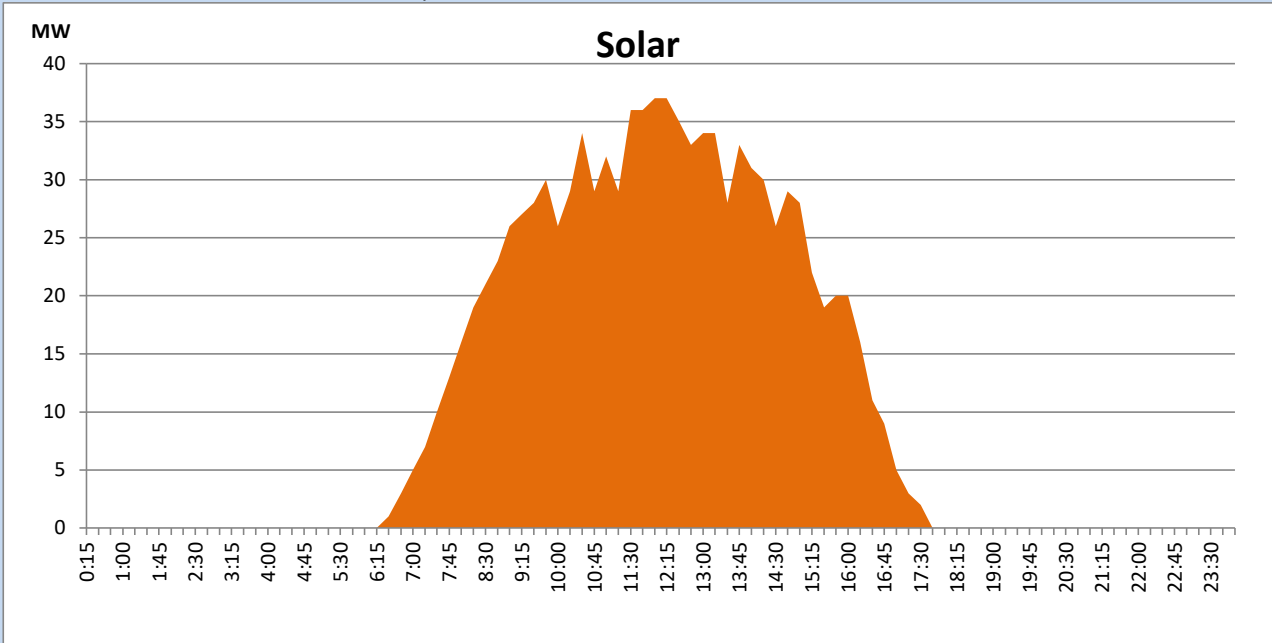
Based on Telemetered Power Stations only



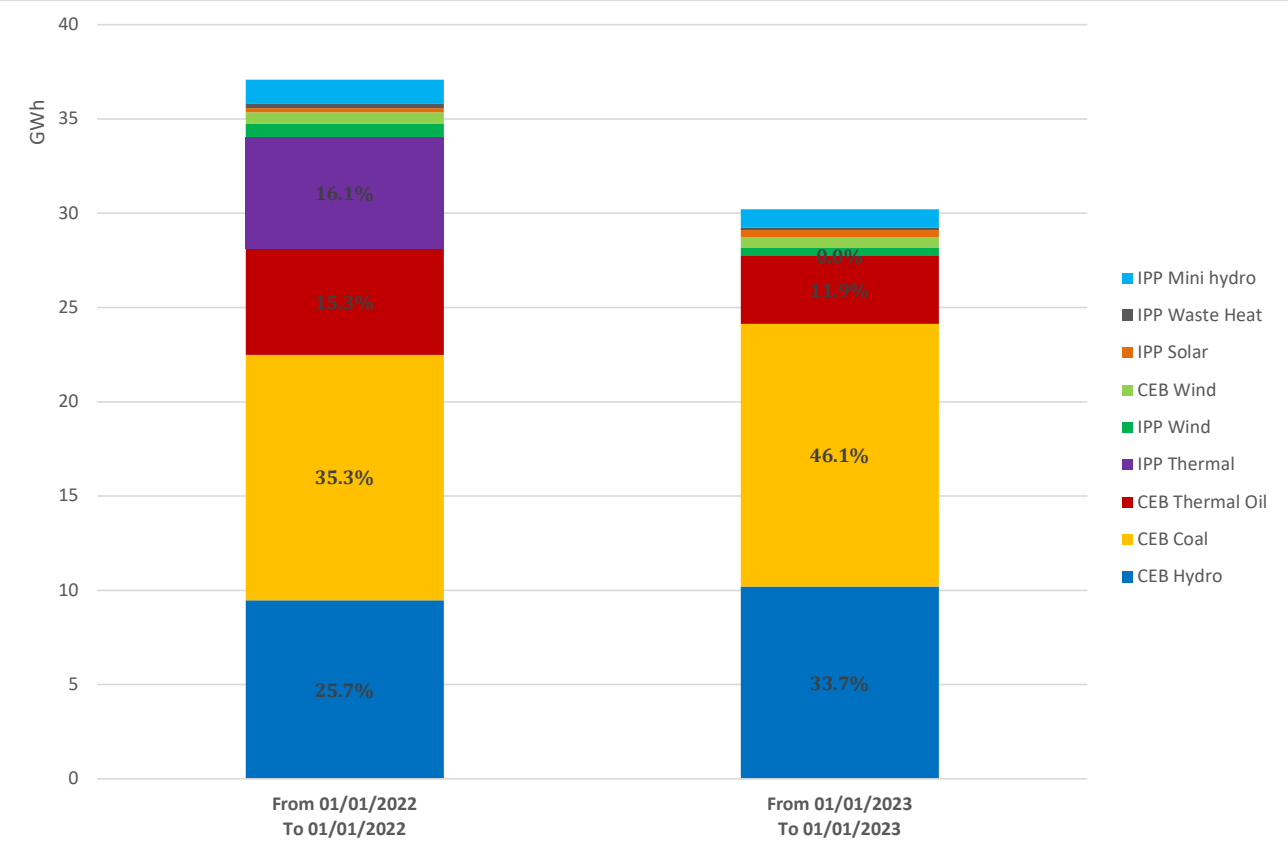
Solar Generation during the Previous day

December 31, 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 reported during the day

1) Nil.

January 1, 2023