

Monthly Generation Report

June-22

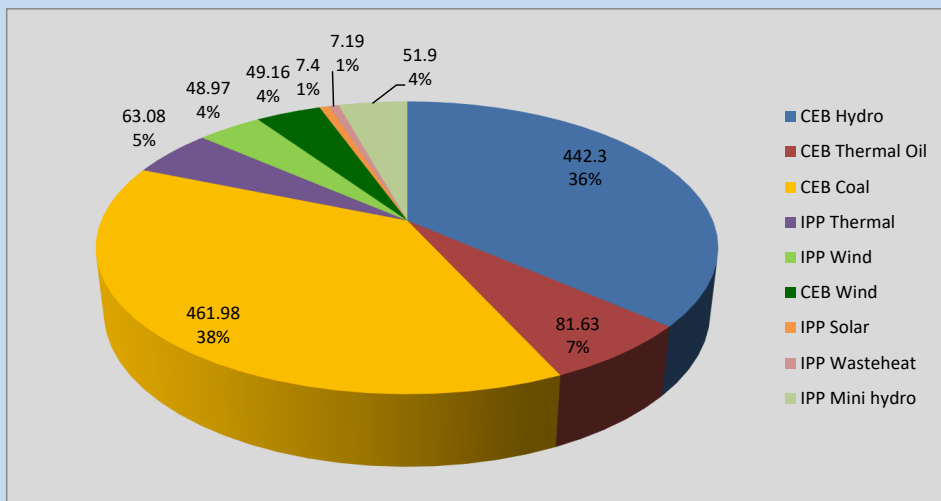


PUBLIC UTILITIES COMMISSION OF SRI LANKA

1 Generation Mix

1.1 Monthly Generation Mix in GWh

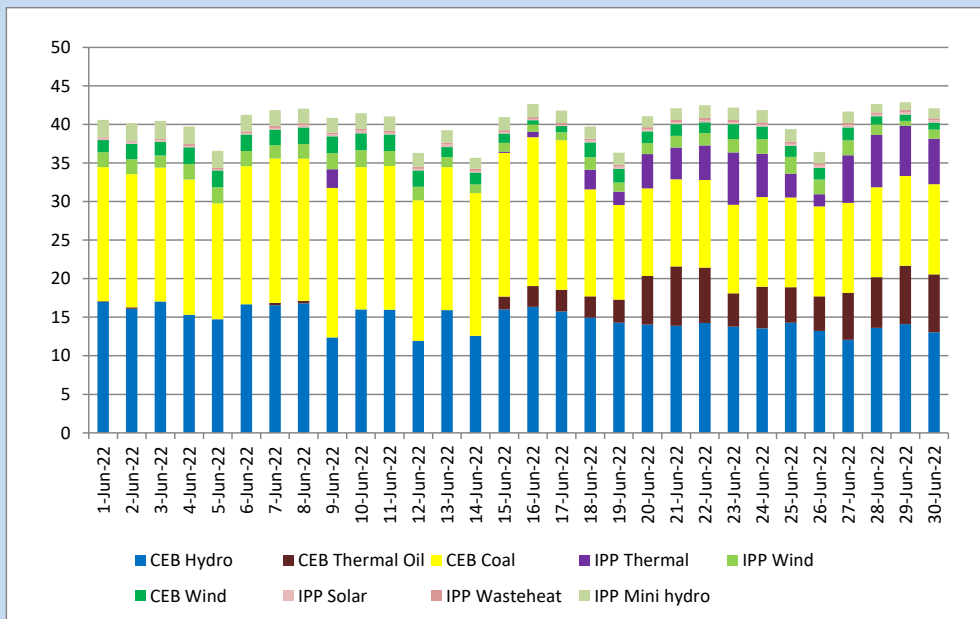
June-22



Total Generation = 1,214 GWh

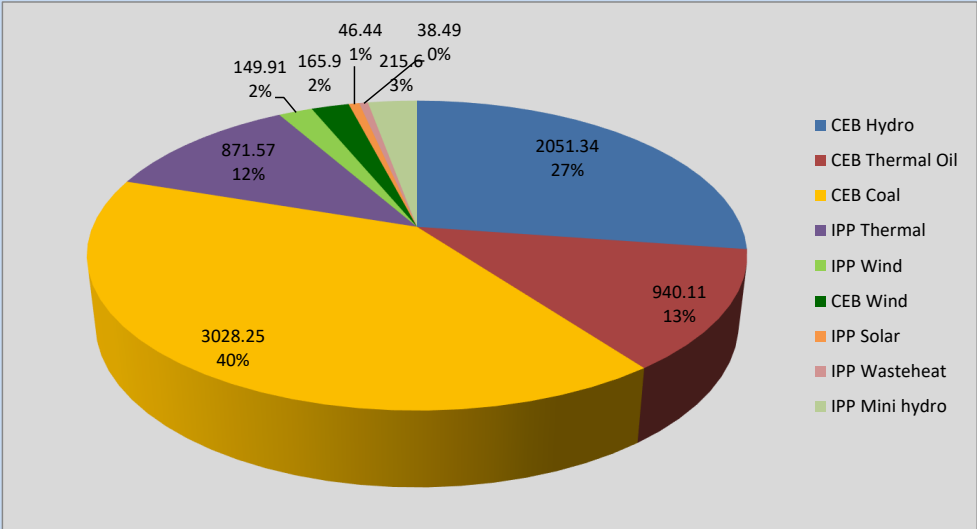
Note: This is excluding the contribution from Roof Top Solar, 1MW Solar and certain Mini Hydro plants

1.2 Variation of Daily Generation Mix during the month



Note: This is excluding the contribution from Roof Top Solar, 1MW Solar and certain Mini Hydro plants

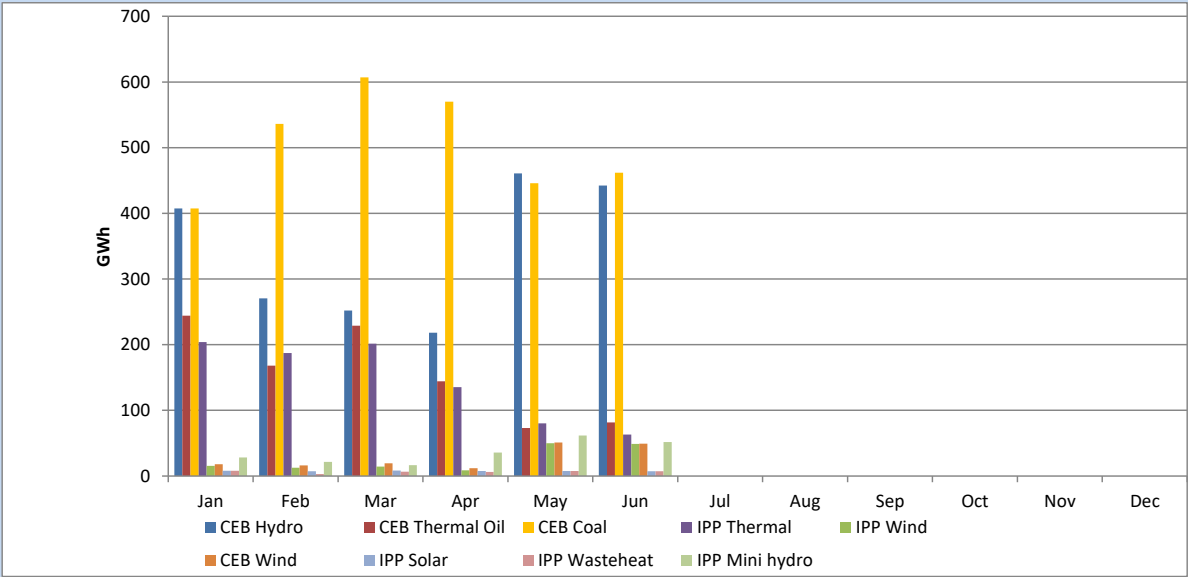
1.3 Annual Cumulative Generation



Total Generation = 7,507 GWh

Note: This is excluding the contribution from Roof Top Solar, 1MW Solar and certain Mini Hydro plants

1.4 Variation of Monthly Generation Mix during the year



Note: This is excluding the contribution from Roof Top Solar, 1MW Solar and certain Mini Hydro plants.

2 Major Plant Dispatch

2.1 Dispatch from all Generation Major Plants in June-22

Power Station	Capacity (MW)	Generation (MWh)	Plant factor (%)
Wimalasurendra	50	11,018	30.6%
Old Laxapana	54	30,737	79.1%
Canyon	60	18,607	43.1%
New Laxapana	100	62,596	86.9%
Polpitiya	90	51,053	78.8%
Broadlands	35	1,912	7.6%
Kotmale	201	26,710	18.5%
Victoria	225	42,712	26.4%
Randenigala	114	32,484	39.6%
Rantambe	50	14,848	41.2%
Ukuwela	37	17,825	66.9%
Bowatenna	40	1,722	6.0%
Upper Kotmale	150	32,850	30.4%
Nilambe	3	600	27.8%
Samanalawewa	120	41,301	47.8%
Kukule	75	39,390	72.9%
Inginiyagala	11	2,851	36.0%
Udawalawe	6	2,063	47.8%
Puttalam Coal I	270	185,640	95.5%
Puttalam Coal II	270	104,636	53.8%
Puttalam Coal III	270	171,698	88.3%
KPS Small GTs	64	0	0.0%
KPS GT 7	115	0	0.0%
KCCP	161	21,284	18.4%
Sapugaskanda A	70	11,406	22.6%
Sapugaskanda B	70	22,060	43.8%
Uthura Janani	26	6,801	36.3%
Barge CEB	60	19,170	44.4%
CEB - Thulhiriya	10	205	2.8%
CEB - Kolonnawa	20	320	2.2%
CEB - Mathugama	20	392	2.7%
ACE Matara	24	3,554	20.6%
Asia Power	51	0	0.0%
Sojitz Kelanitissa	163	21,216	18.1%
West Coast	270	37,394	19.2%
ACE Embilipitiya	93	904	1.4%

2.2 Running Plant Factors of Major Plants in

June-22

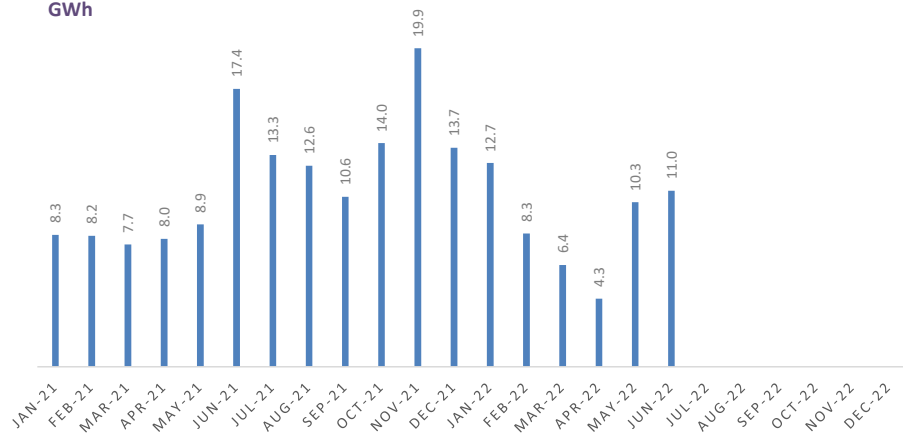
Note: The plant availability declared at 6 am on Daily reports are considered as availability of the plant for the particular day in calculation of Availability (GWh) below

Power Station	Availability (GWh)	Generation (GWh)	Running PF (%)
Wimalasurendra	33.6	11.0	32.8%
Old Laxapana	38.1	30.7	80.7%
Canyon	43.2	18.6	43.1%
New Laxapana	72.0	62.6	86.9%
Polpitiya	64.8	51.1	78.8%
Broadlands	4.2	1.9	45.5%
Kotmale	143.1	26.7	18.7%
Victoria	155.5	42.7	27.5%
Randenigala	73.8	32.5	44.0%
Rantambe	36.0	14.8	41.2%
Ukuwela	25.9	17.8	68.8%
Bowatenna	28.8	1.7	6.0%
Upper Kotmale	108.0	32.9	30.4%
Nilambe	1.4	0.6	41.7%
Samanalawewa	86.4	41.3	47.8%
Kukule	54.0	39.4	72.9%
Inginiyagala	3.7	2.9	77.6%
Udawalawe	1.4	2.1	143.3%
Puttalam Coal I	192.5	185.6	96.4%
Puttalam Coal II	112.3	104.6	93.2%
Puttalam Coal III	177.1	171.7	96.9%
KPS Small GTs	11.5	0.0	0.0%
KPS GT 7	82.8	0.0	0.0%
KCCP	111.6	21.3	19.1%
Sapugaskanda A	35.5	11.4	32.1%
Sapugaskanda B	39.7	22.1	55.5%
Uthura Janani	11.3	6.8	60.0%
Barge CEB	28.1	19.2	68.3%
CEB - Thulhiriya	5.7	0.2	3.6%
CEB - Kolonnawa	9.0	0.3	3.5%
CEB - Mathugama	9.9	0.4	4.0%
ACE Matara	10.9	3.6	32.8%
Sojitz Kelanitissa	86.7	21.2	24.5%
West Coast	190.9	37.4	19.6%
ACE Embilipitiya	4.2	0.9	21.3%

2.3 Generation of Major Power Plants From Last Year

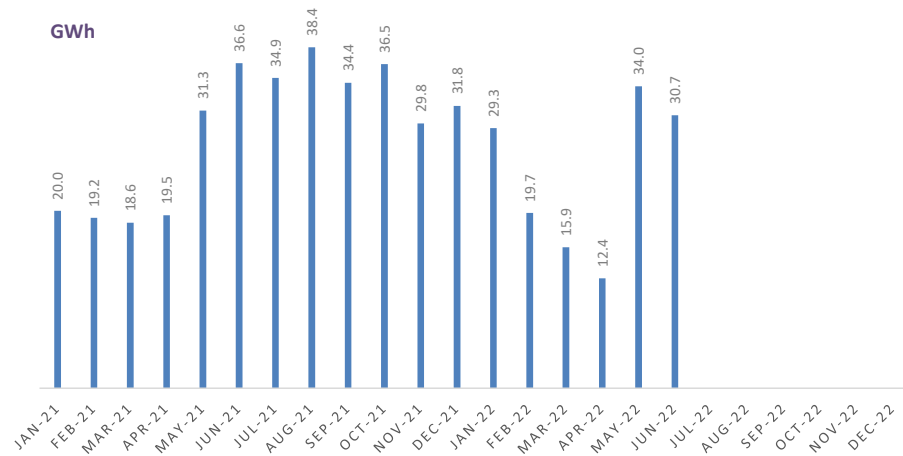
WIMALASURENDRA POWER STATION (53.5MW)

GWh



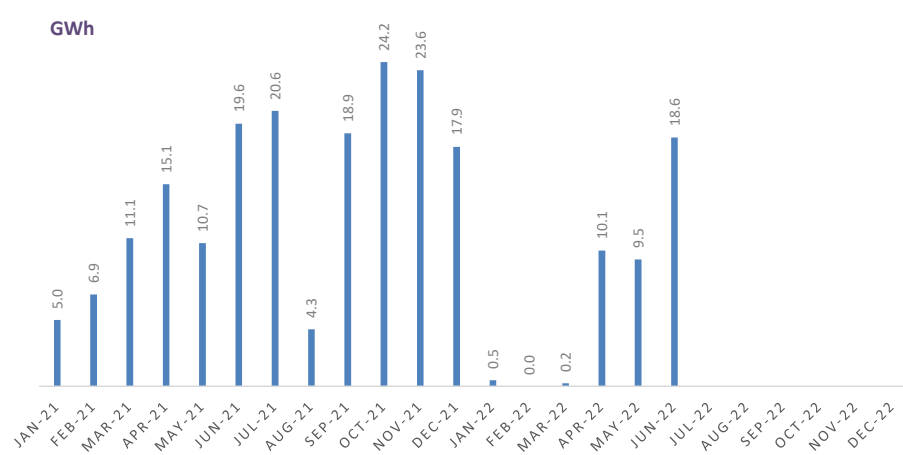
OLD LAXAPANA POWER STATION (53.5MW)

GWh



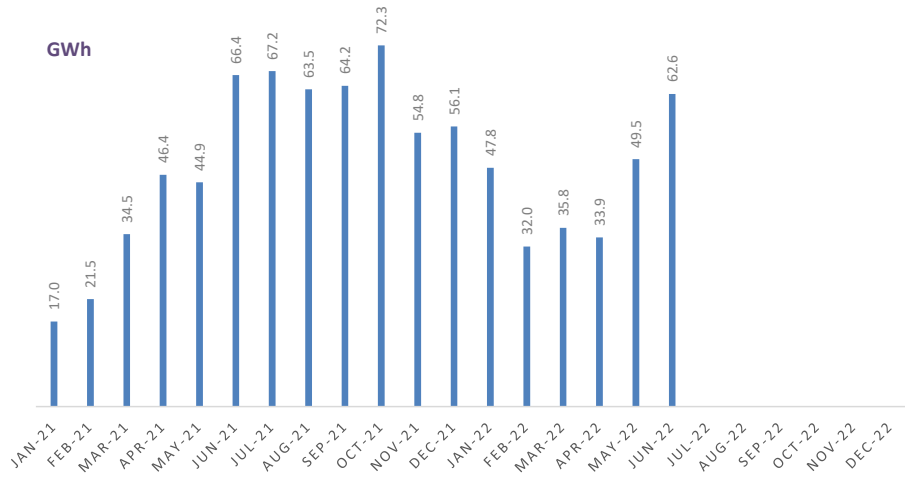
CANYON POWER STATION (60 MW)

GWh



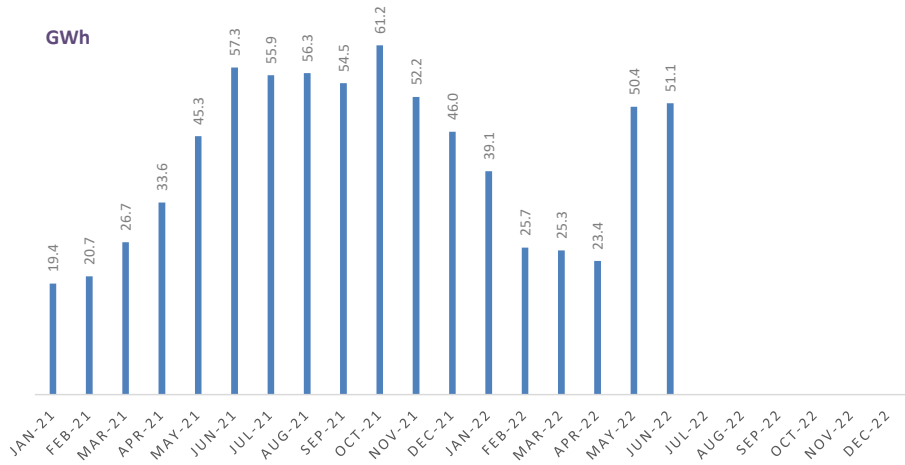
NEW LAXAPANA POWER STATION (115 MW)

GWh



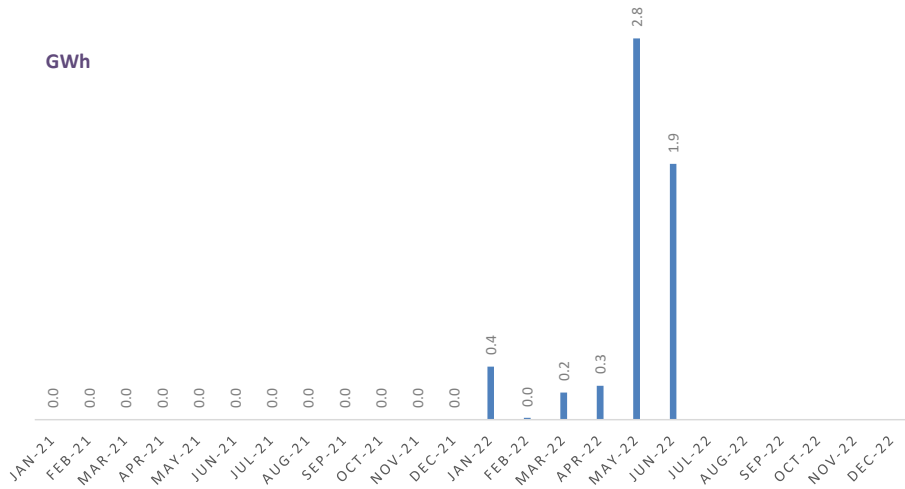
POLPITIYA POWER STATION (90 MW)

GWh



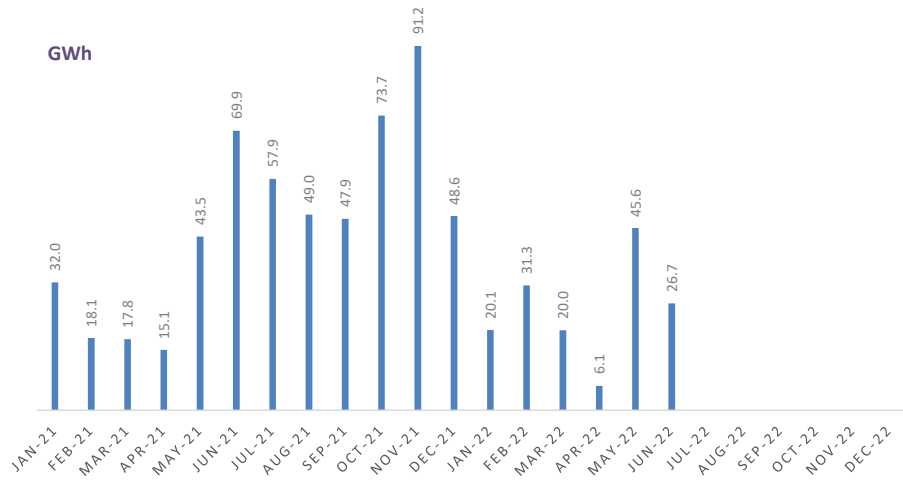
BROADLANDS POWER STATION (35 MW)

GWh



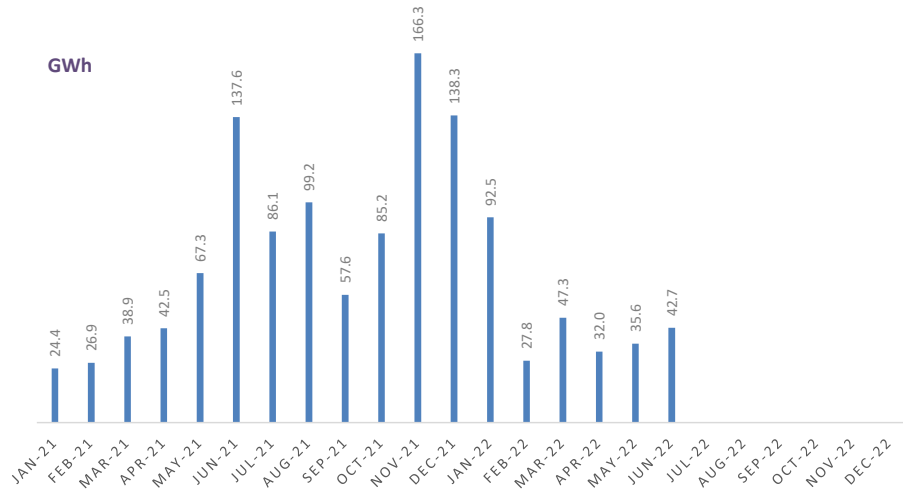
KOTMALE POWER STATION (201 MW)

GWh



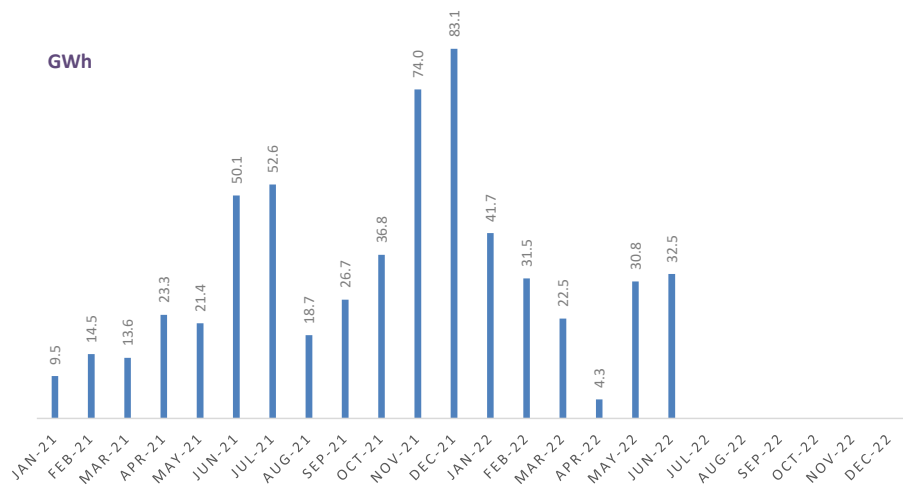
VICTORIA POWER STATION (225 MW)

GWh



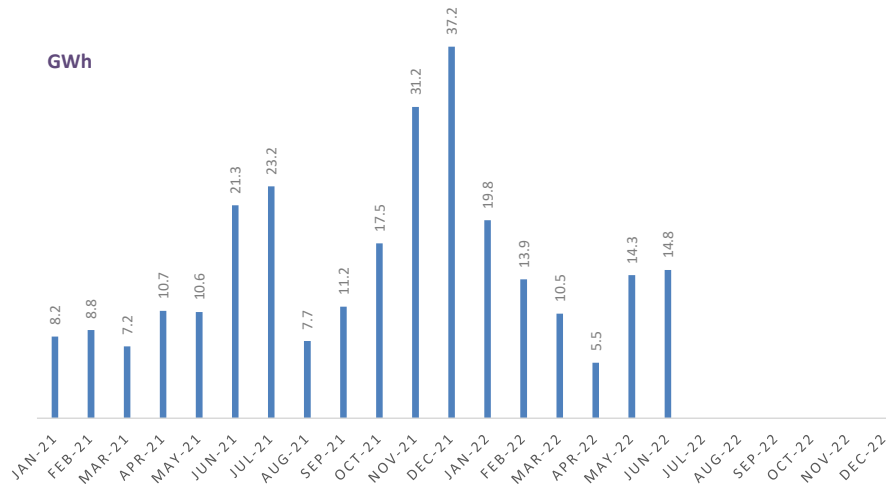
RANDENIGALA POWER STATION (114 MW)

GWh



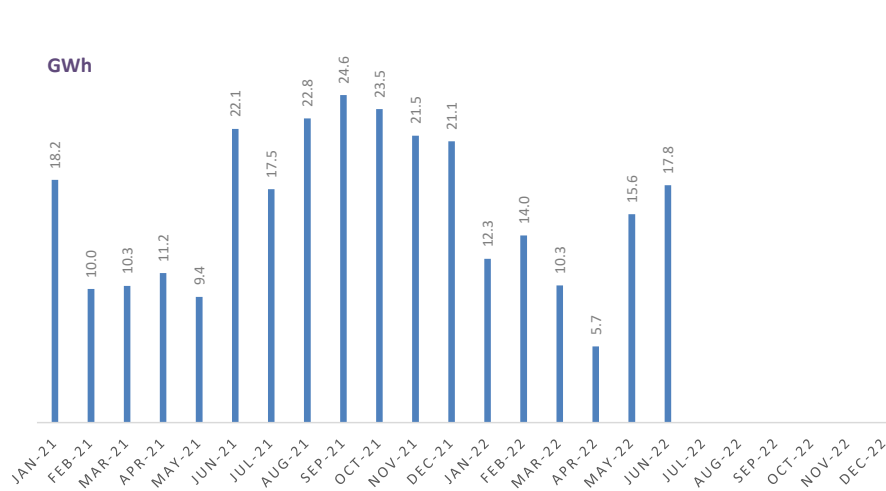
RANTAMBE POWER STATION (50 MW)

GWh



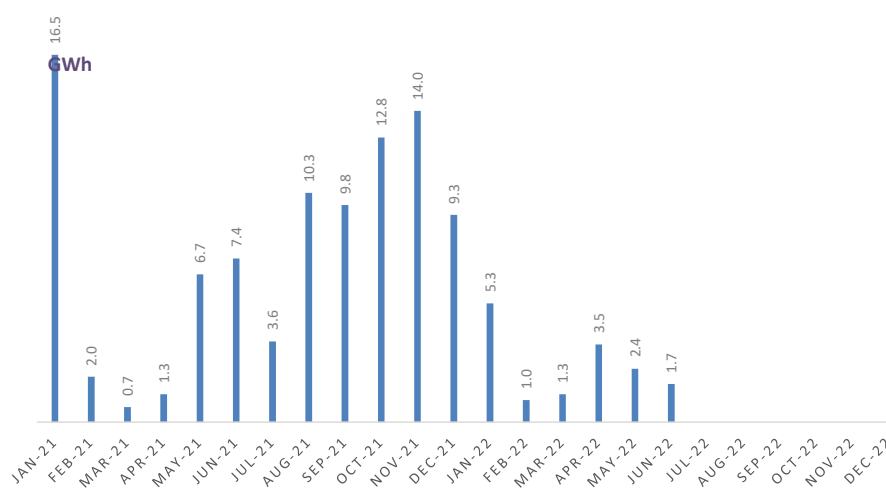
UKUWELA POWER STATION (37 MW)

GWh



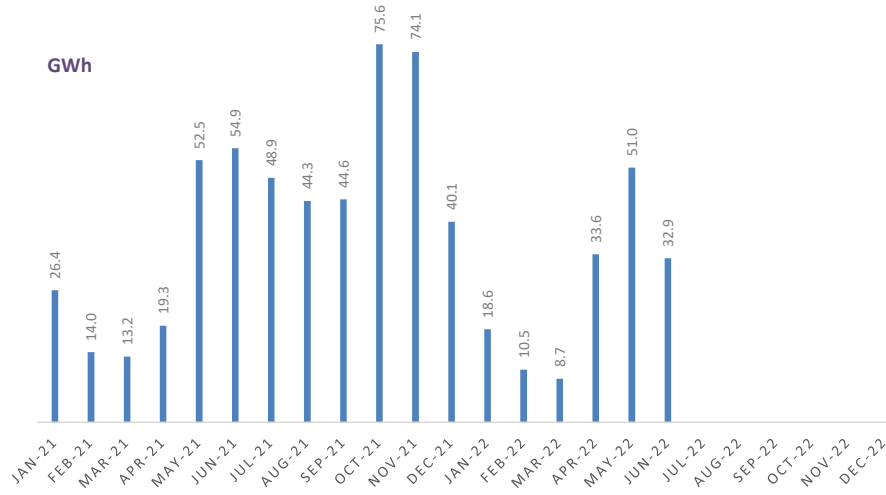
BOWATHENNA POWER STATION (40 MW)

GWh



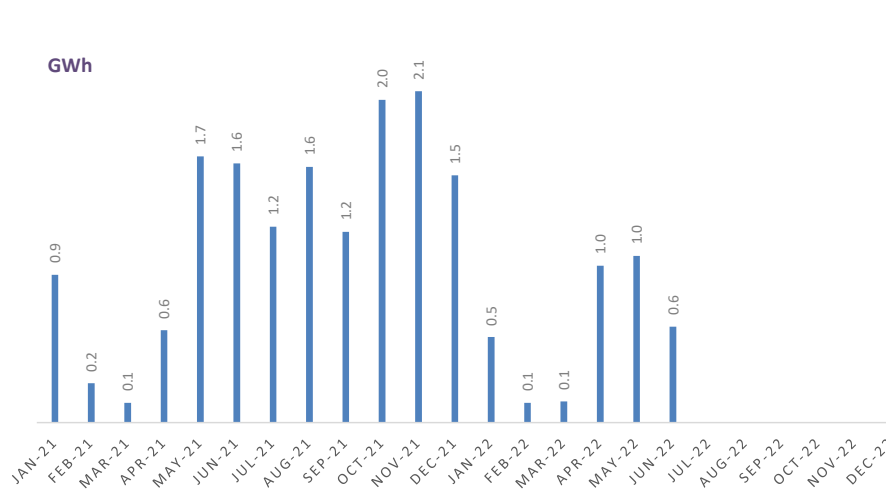
UPPER KOTMALE POWER STATION (150 MW)

GWh



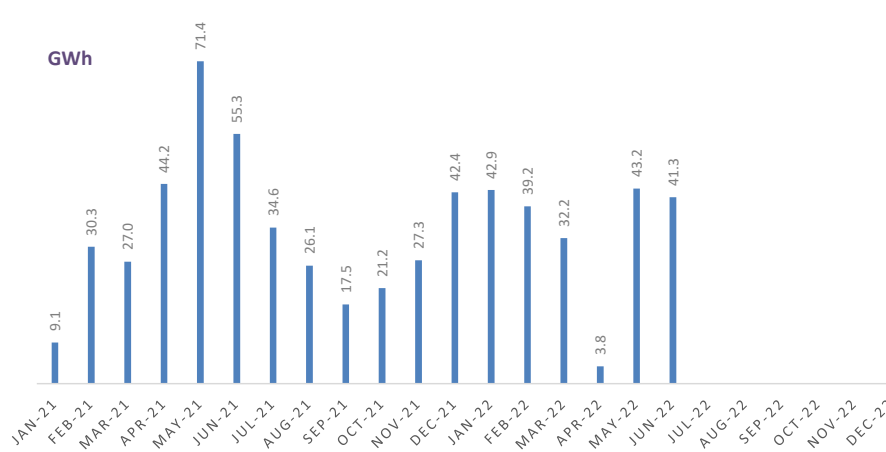
NILLAMBE POWER STATION (3 MW)

GWh



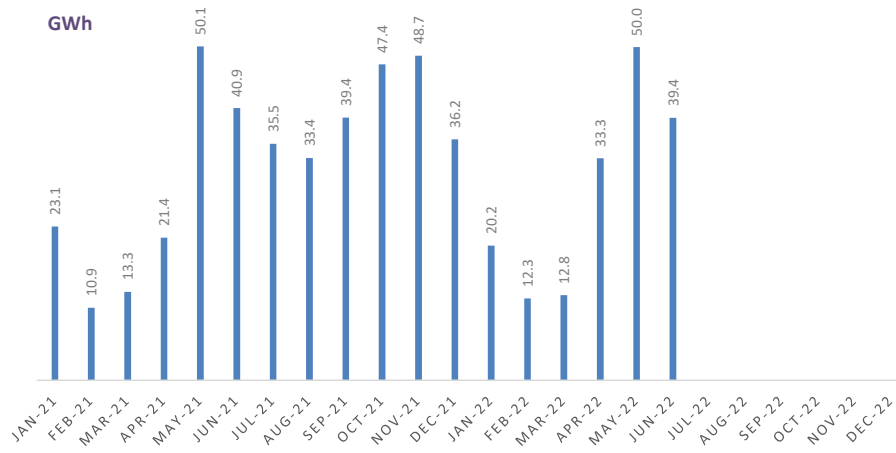
SAMANALAWEWA POWER STATION (120 MW)

GWh



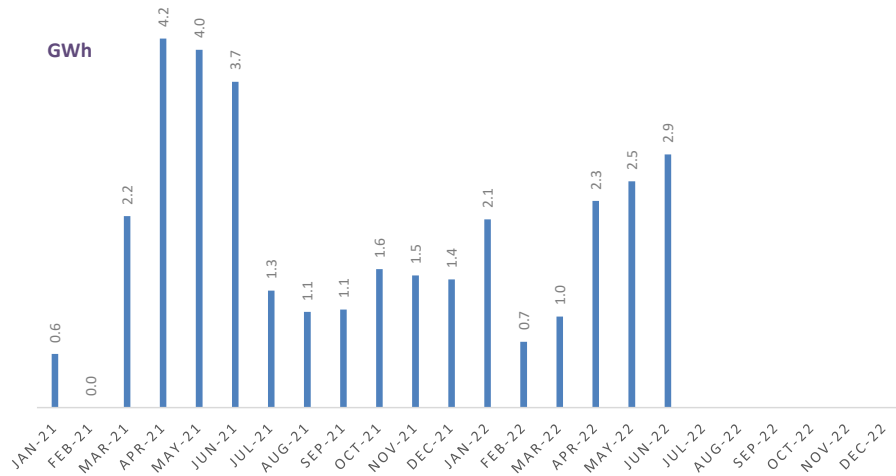
KUKULE POWER STATION (75 MW)

GWh



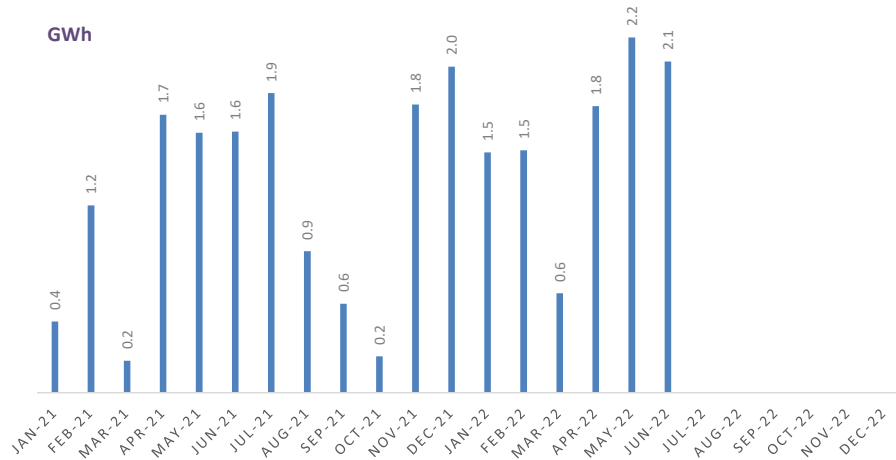
INGINIYAGALA POWER STATION (11 MW)

GWh

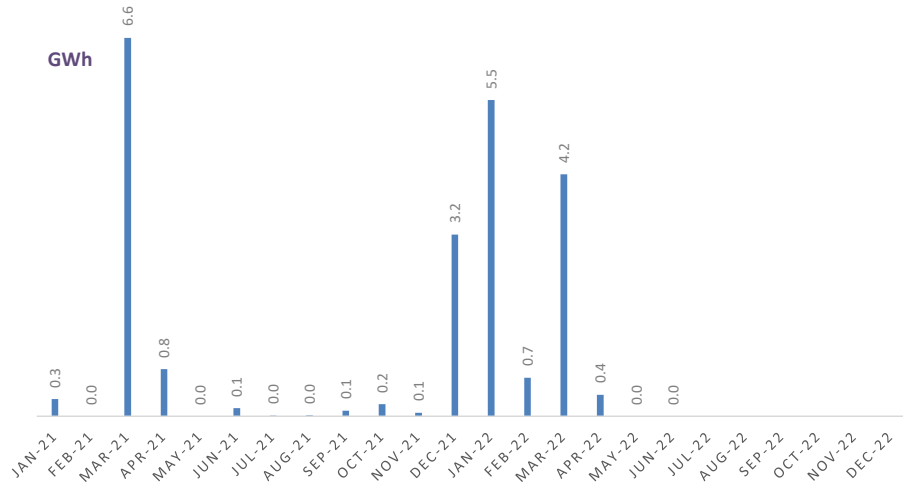


UDAWALAWE POWER STATION (6 MW)

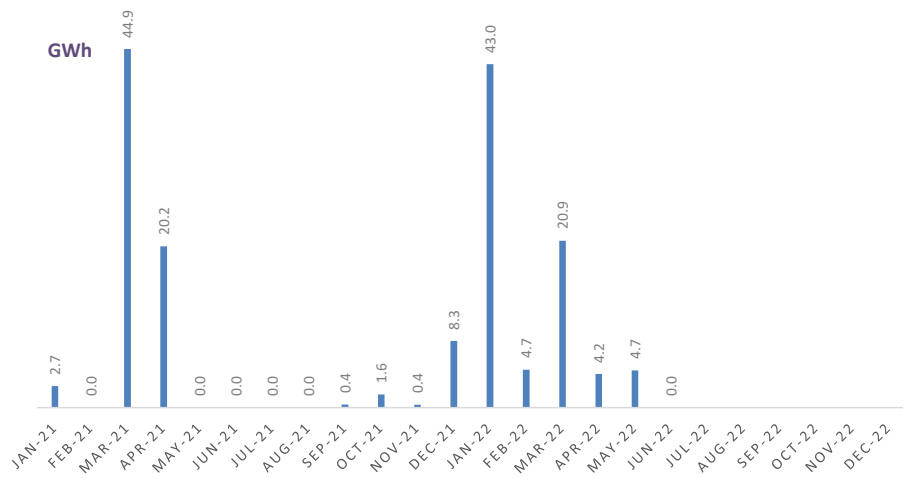
GWh



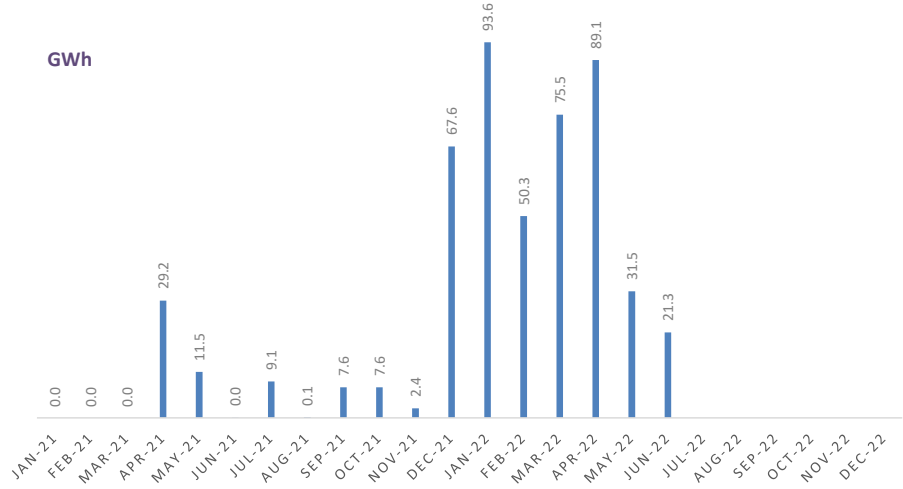
KELANITISSA SMALL GAS TURBINES (4 × 16 MW)



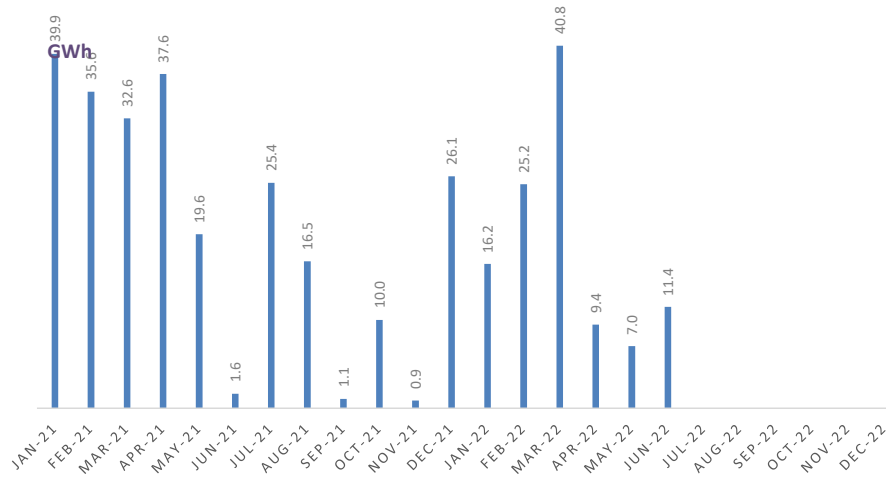
KELANITISSA GT 7 (115 MW)



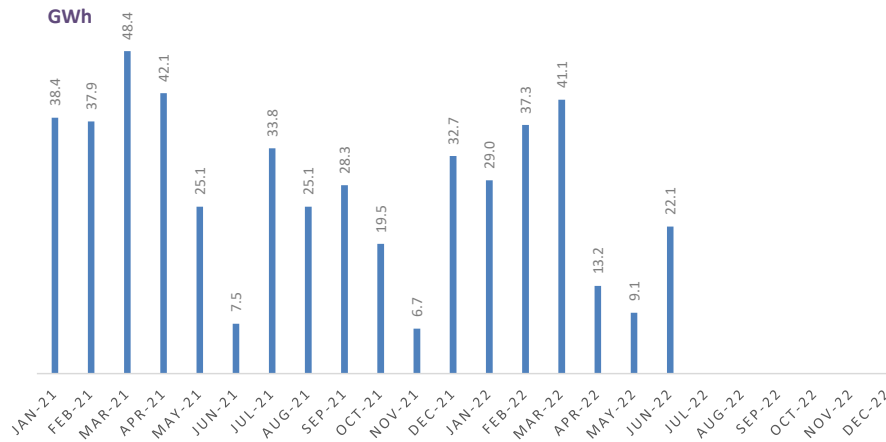
KELANITISSA COMBINED CYCLE POWER PLANT (161 MW)



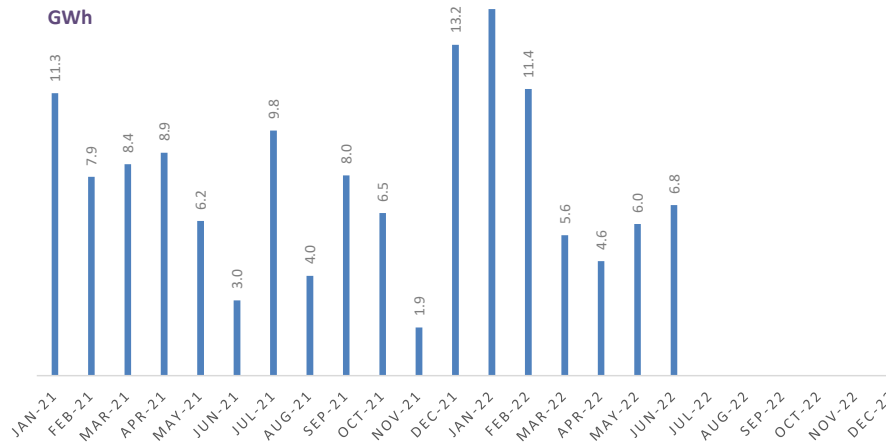
SAPUGASKANDA - A POWER STATION (80 MW)



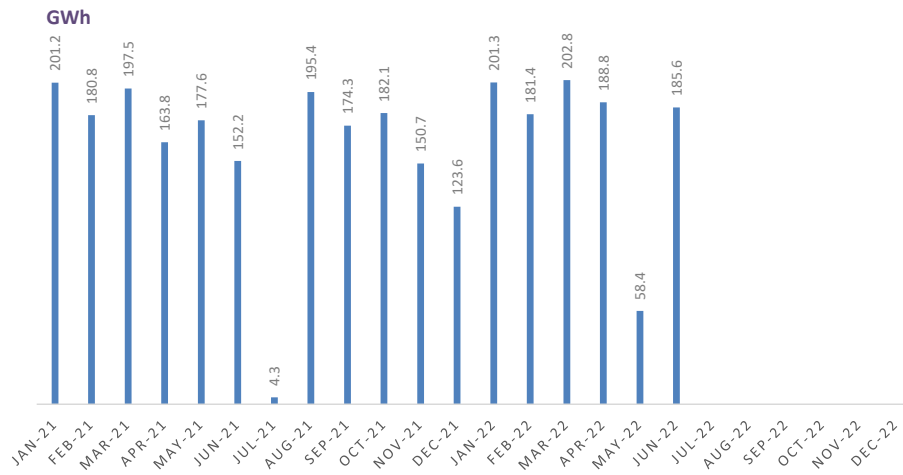
SAPUGASKANDA - B POWER STATION (80 MW)



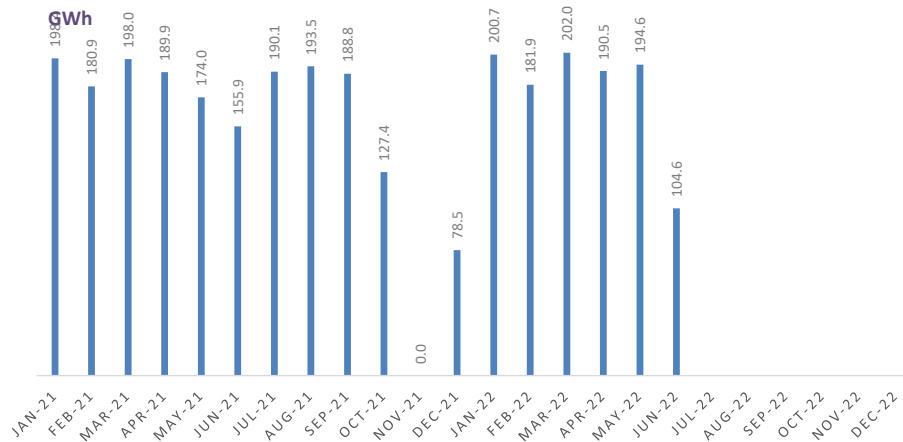
UTHURU JANANEE POWER STATION (26 MW)



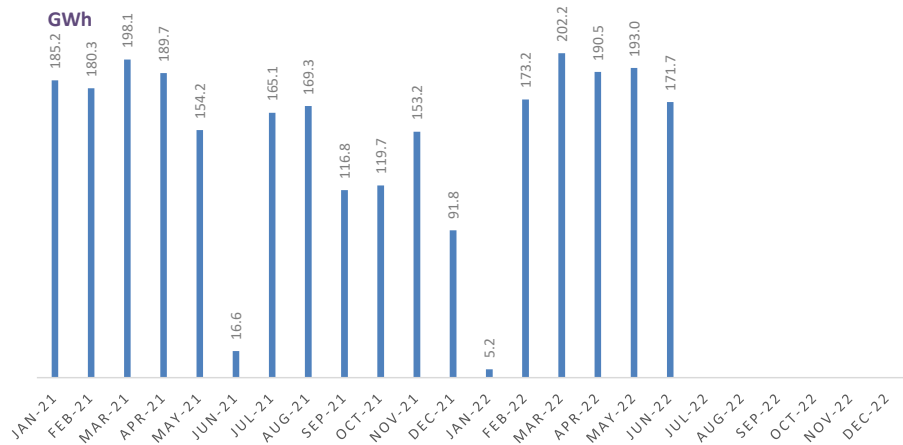
LAKVIJAYA COAL POWER STATION - UNIT 1 (270 MW)



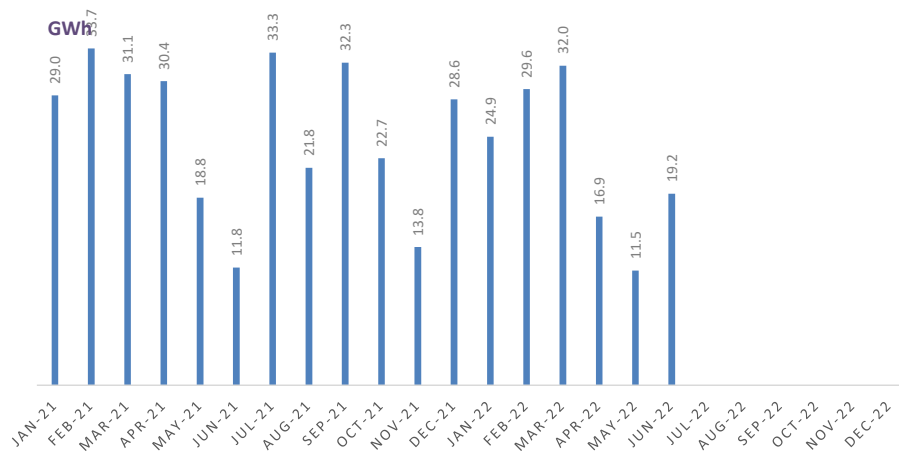
LAKVIJAYA COAL POWER STATION - UNIT 2 (270 MW)



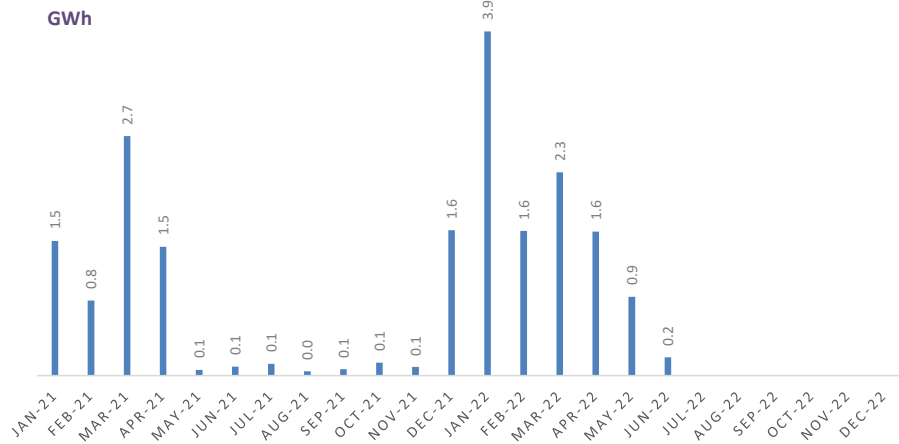
LAKVIJAYA COAL POWER STATION - UNIT 3 (270 MW)



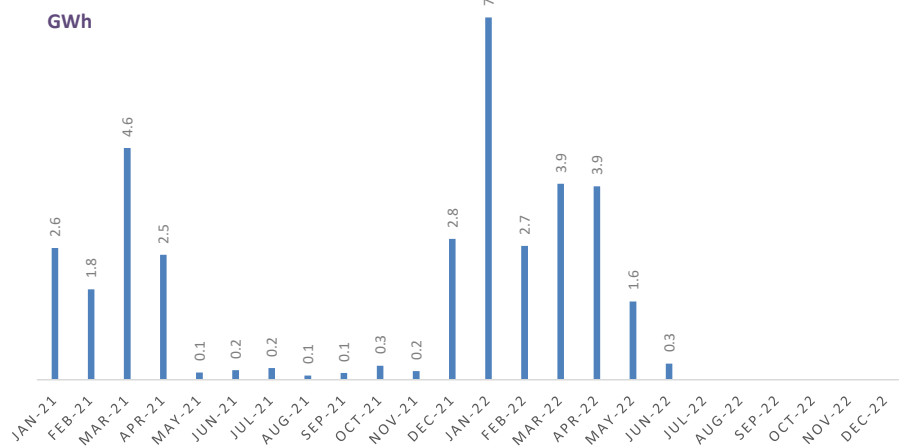
BARGE POWER STATION - CEB (60 MW)



THULHIRIYA - CEB (10 MW)

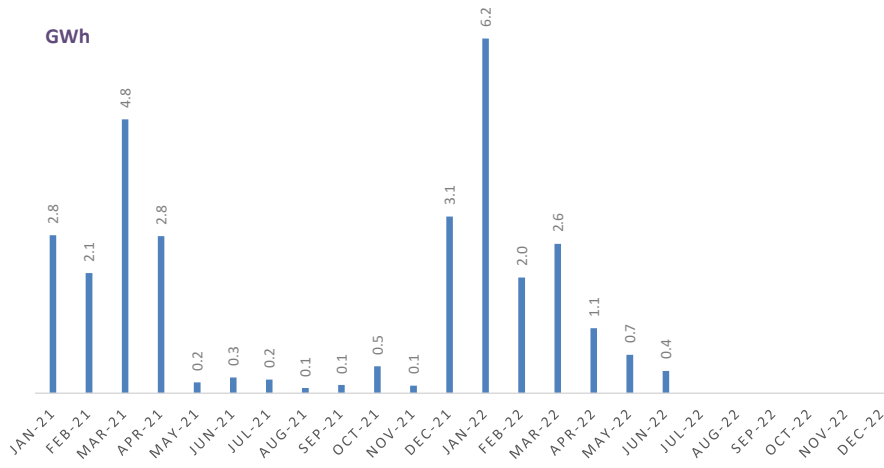


KOLONNAWA - CEB (20 MW)



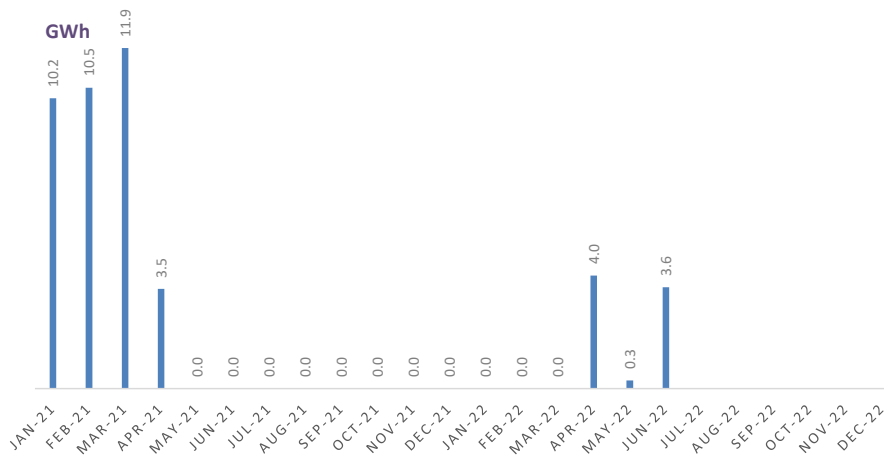
MATHUGAMA - CEB (20 MW)

GWh



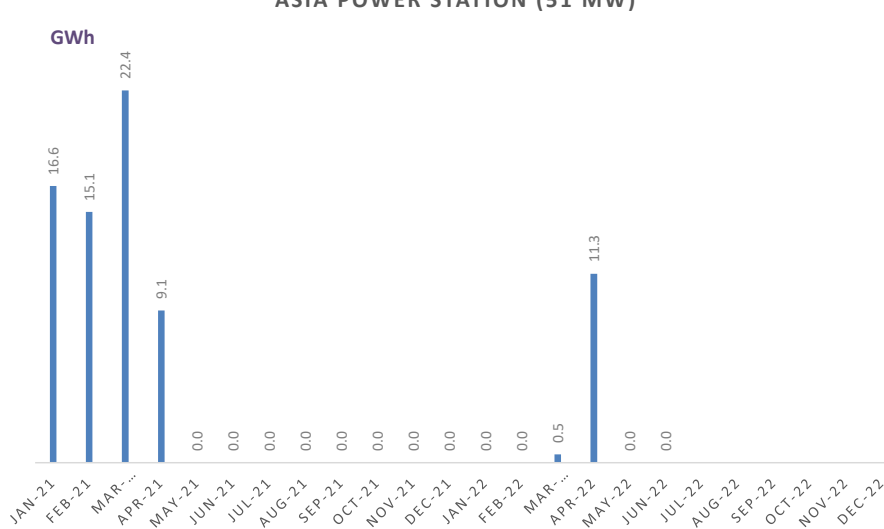
ACE MATARA POWER STATION (24 MW)

GWh

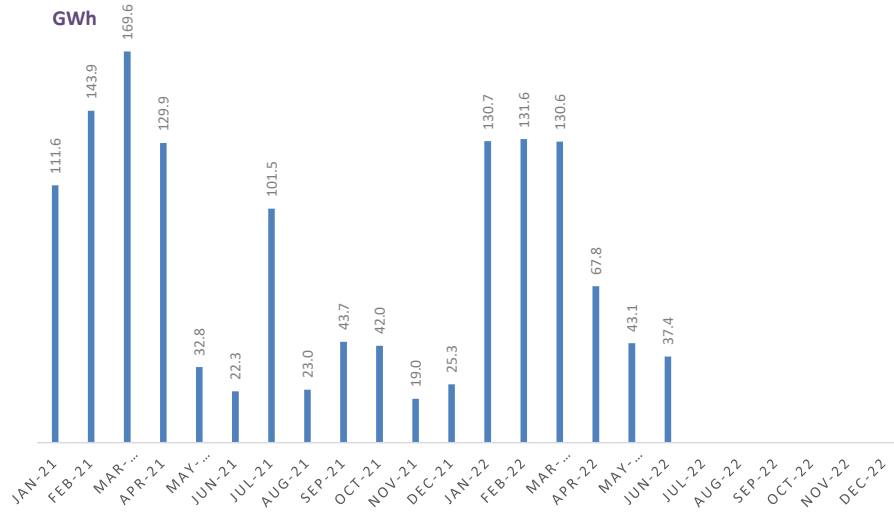


ASIA POWER STATION (51 MW)

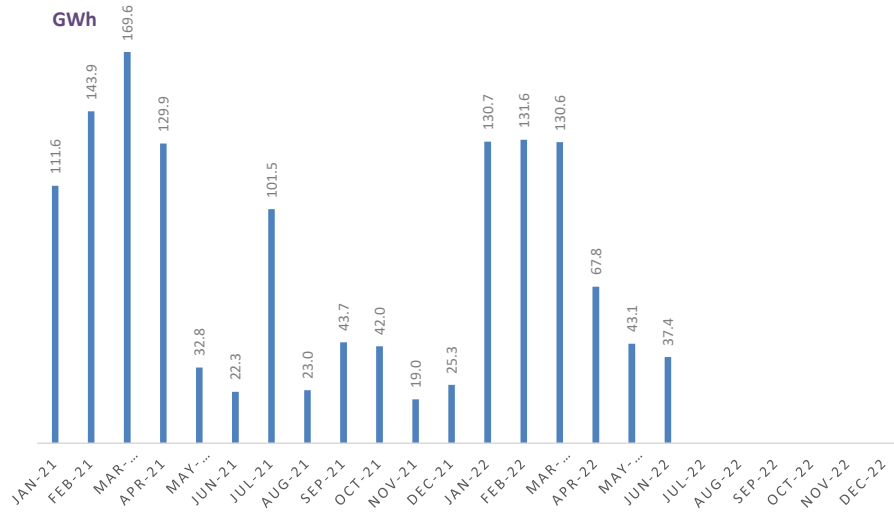
GWh



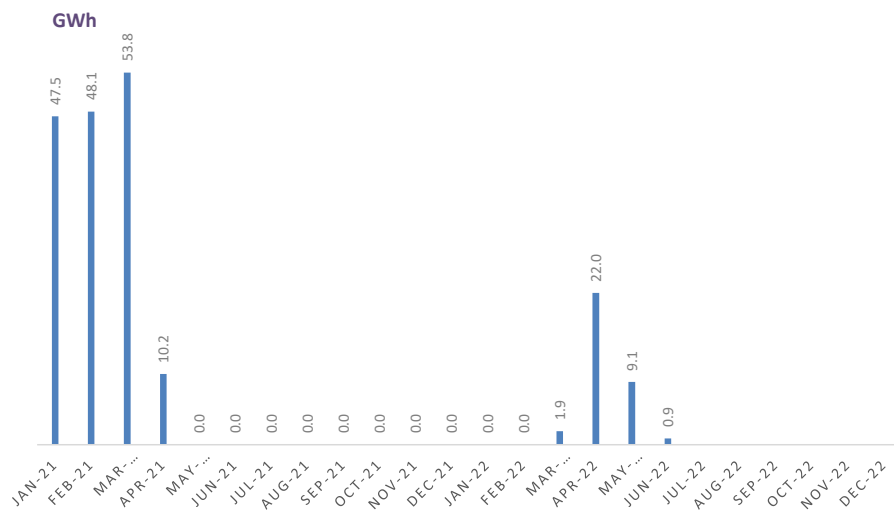
SOJITZ KELANITHISSA POWER STATION (163 MW)



WEST COAST POWER STATION - KERAWALAPITIYA (270 MW)



ACE EMBILIPITIYA POWER STATION (93 MW)



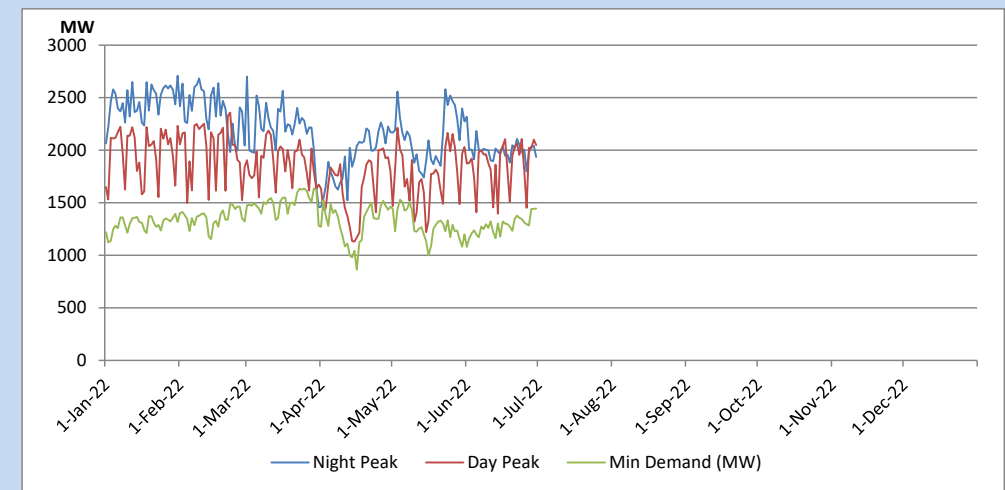
3 Peak Demand

During the month;

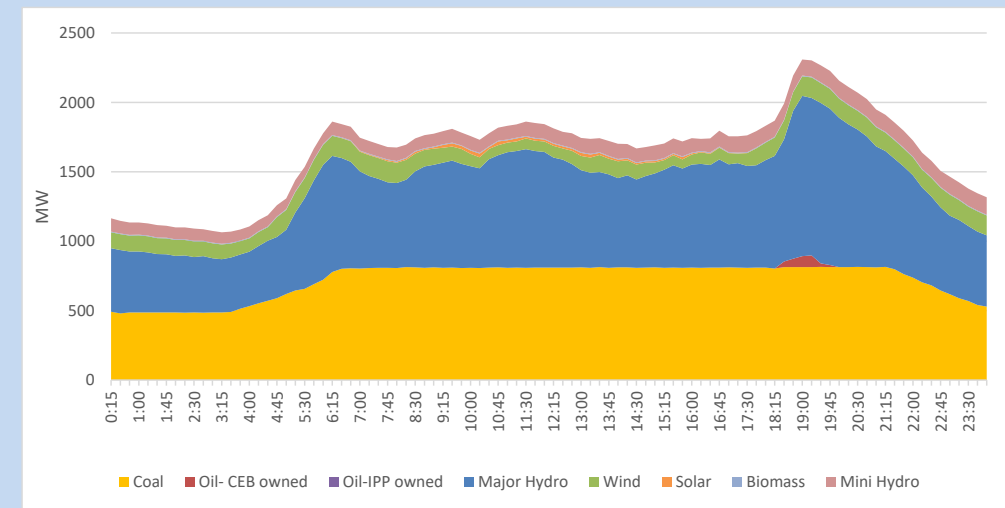
Highest Peak Demand	2,319 MW	on	1-Jun
Lowest Peak Demand	1,799 MW	on	26-Jun
Highest Day Peak Demand	2,108 MW	on	24-Jun
Minimum Demand	1,079 MW	on	1-Jun

*Demand figures are excluding the contribution from minihydro and biomass plants

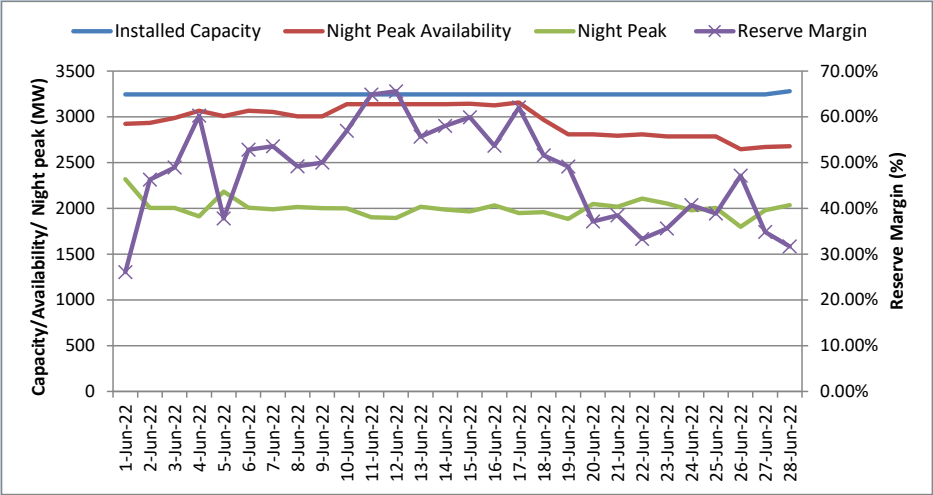
3.1 Demand Variation During the year



3.2 Load Curve of the Day with Highest Night Peak , 1-Jun



3.3 Variation of Reserve Margin During Night Peak

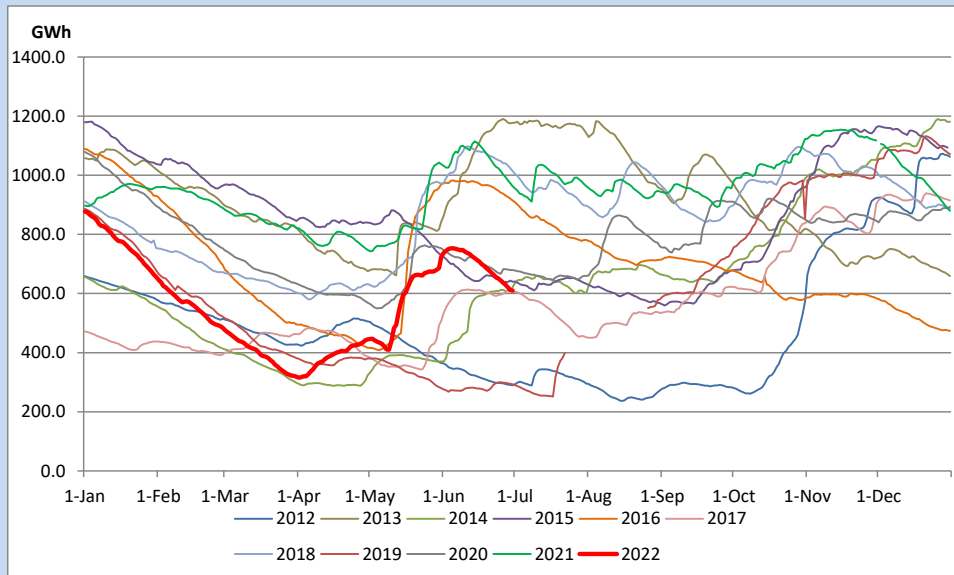


Note:Contribution from NCRE plants is not included

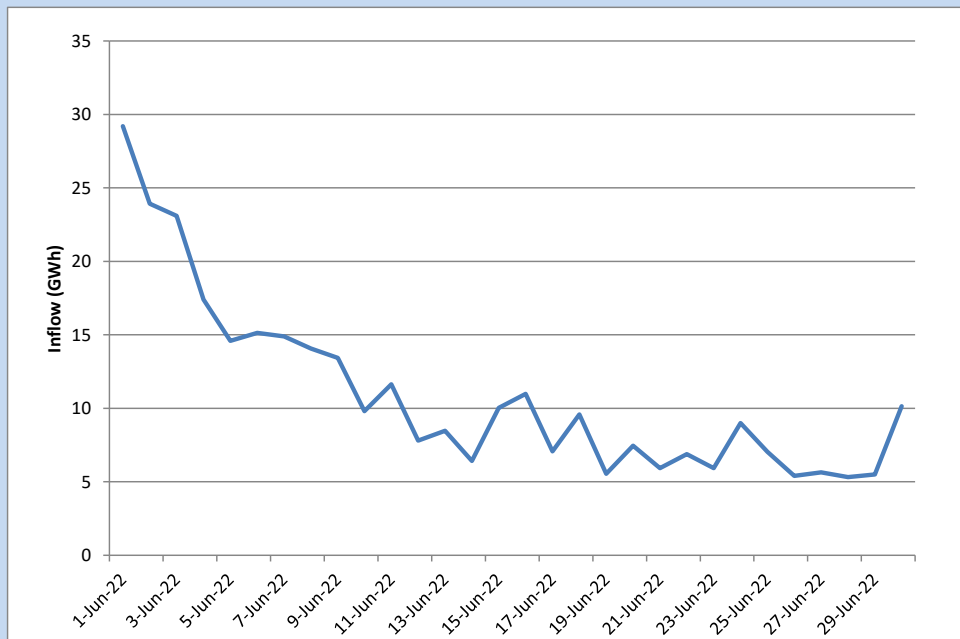
4 Reservoir Statistics

Total Reservoir level at the beginning	877.2 GWh
Total Reservoir level at the end	573.5 GWh
Total Inflow	178.83 GWh

4.1 Total Hydro Reservoir- Comparison with Past Years



4.2 System Inflow Variation during the month



4.3 Major Hydro Reservoir Levels Variation during the year

