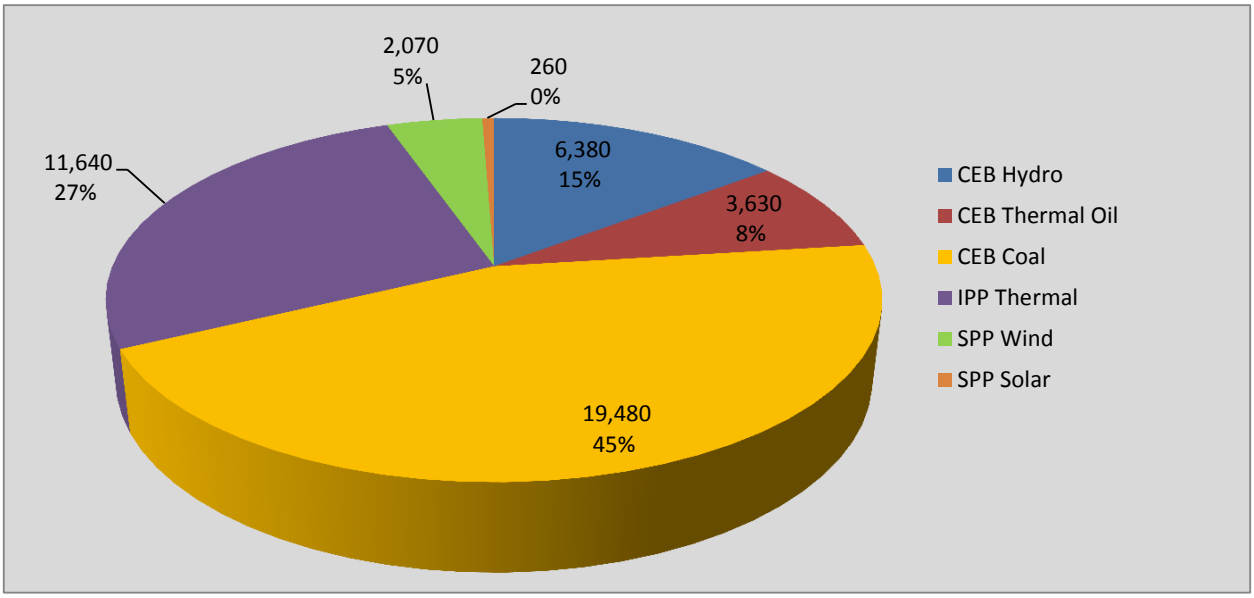
Generation and Reservoirs Statistics

July 16, 2020

PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



Total Generation **43,450 MWh**

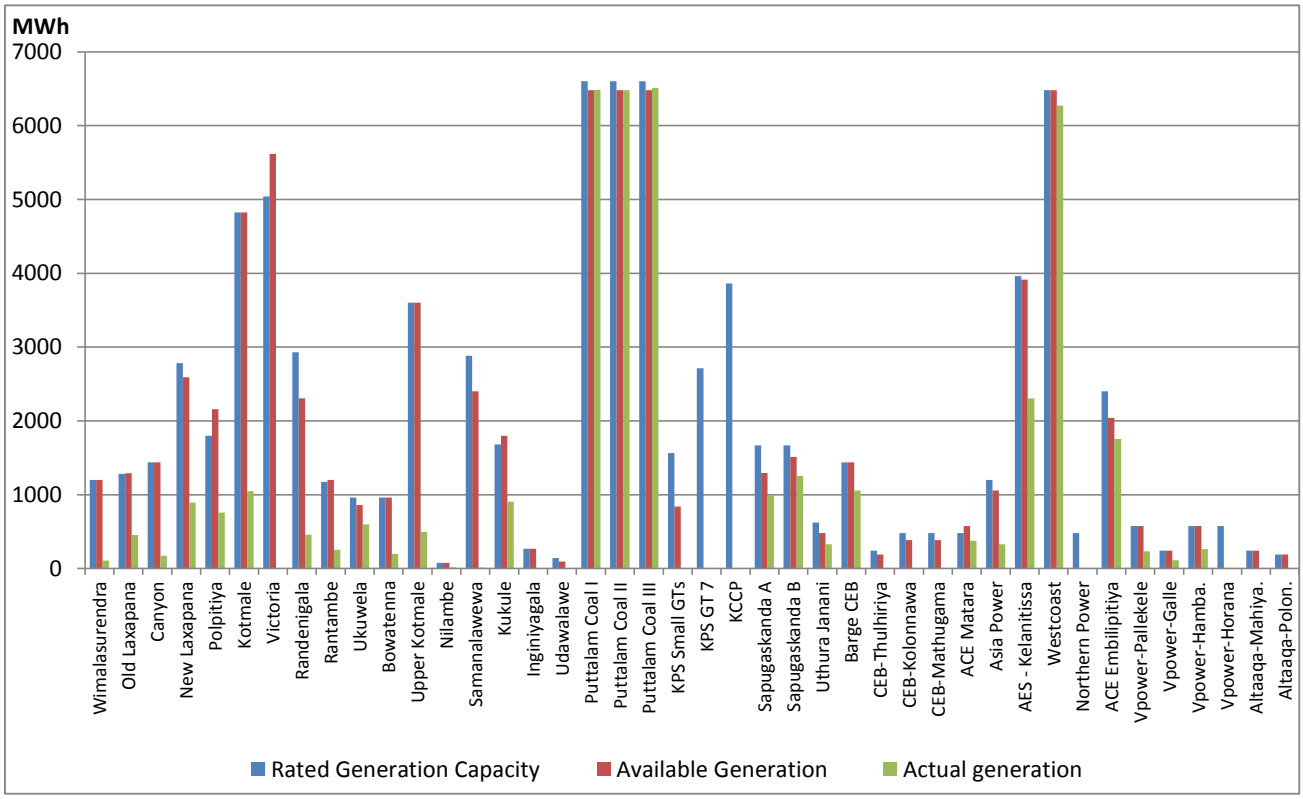
Note: Generation from other SPPs (Mini Hydro, small scale Solar and Biomass) is not included

Cumulative Dispatch

For Current Month

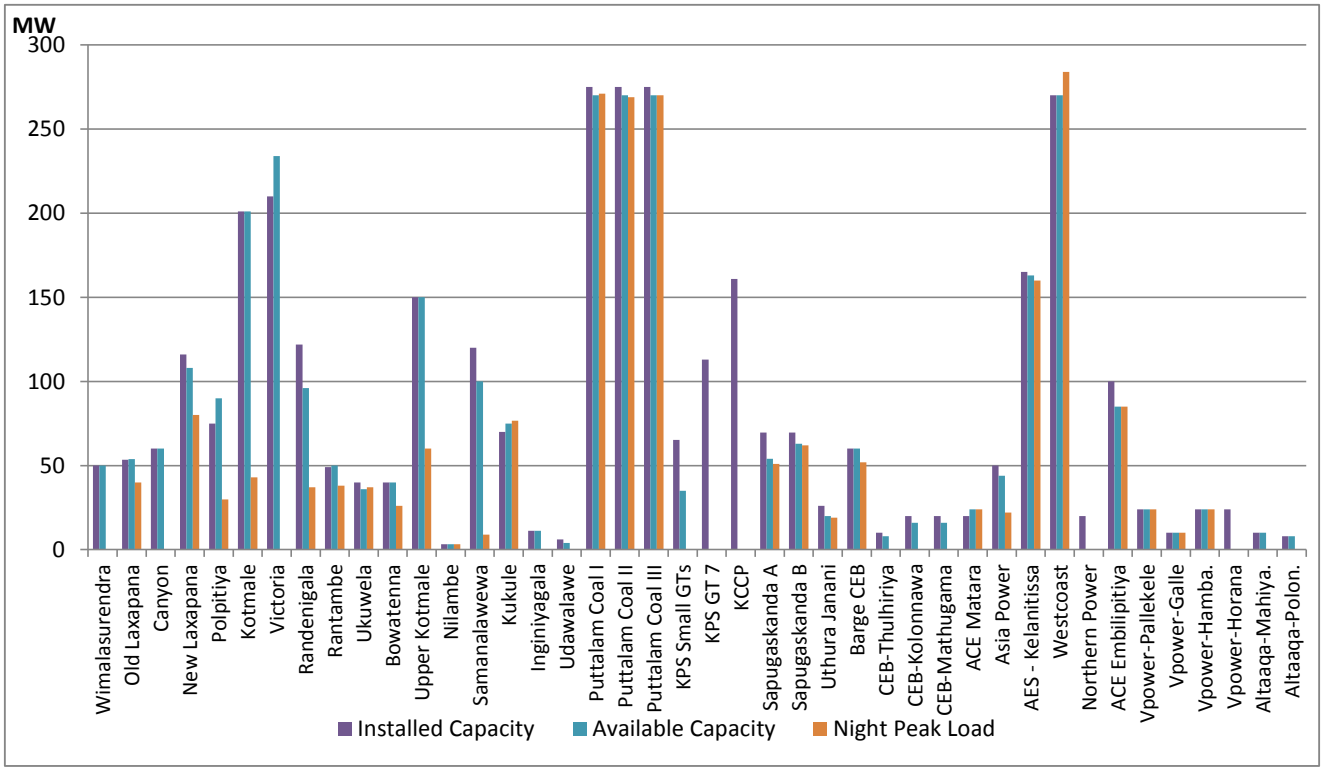
Category	Dispatch (MWh)	
CEB Hydro	142.9	21.38%
CEB Thermal Oil	64.0	9.58%
CEB Coal	308.6	46.16%
IPP Thermal	122.8	18.36%
SPP Wind	25.8	3.86%
SPP Solar	4.5	0.67%
Total	**668.6**	

Plant Dispatch on July 16, 2020



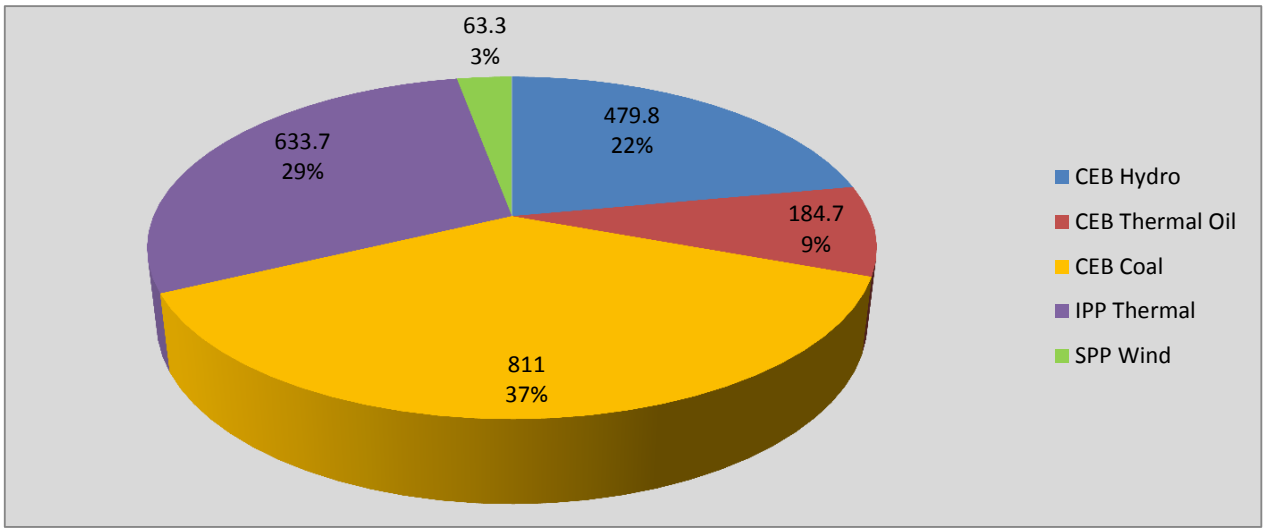
Note- Available Generation is estimated based on plant availability at 6.00am on July 17, 2020

Plant Loading at Night Peak on July 16, 2020



Note- Plant avilability is recorded at 6.00 am on July 17, 2020

Contribution to the Night Peak in MW



Night Peak*	2,172.3	MW
Day Peak	2,161.5	MW
Minimum Demand	1,319.8	MW

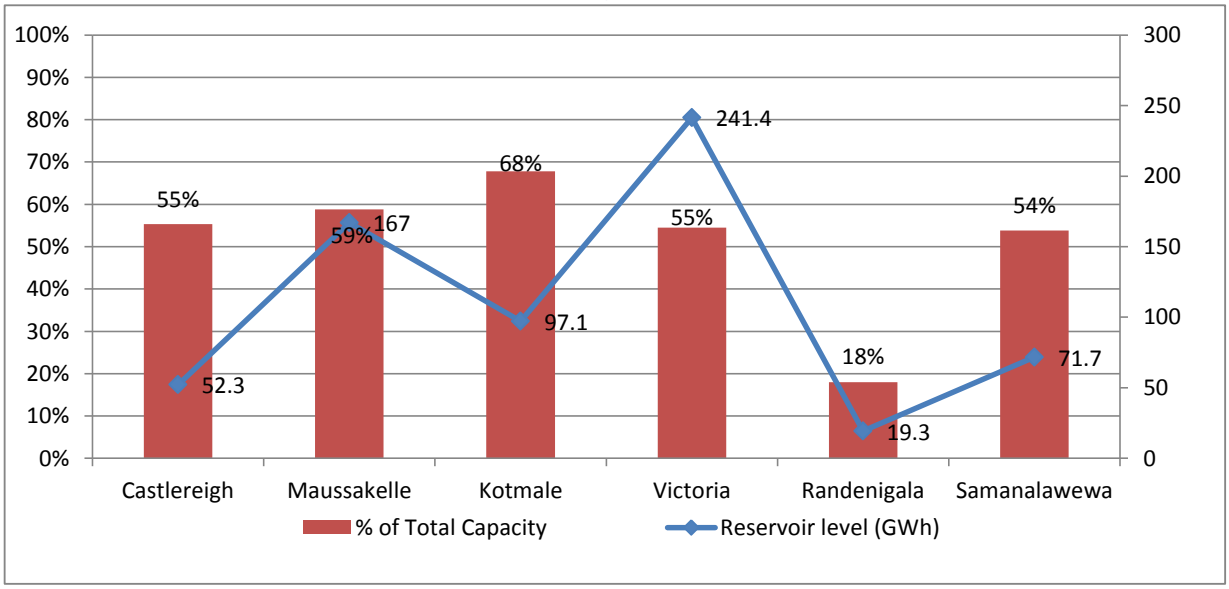
Note:

*The above chart pattern and night peak figure is presented excluding the contribution of Moragahakanda, other minihydro and biomass power plants from June 8 2020 onwards

**Day peak and Minimum demand includes the contribution from Moragahakanda, wind and solar plants

* in addition to the night peak figure presented above, Moragahakanda plant, other MiniHydro and Biomass Plants of installed capacity 215.00 MW has recorded total 115.10 MW at the night peak

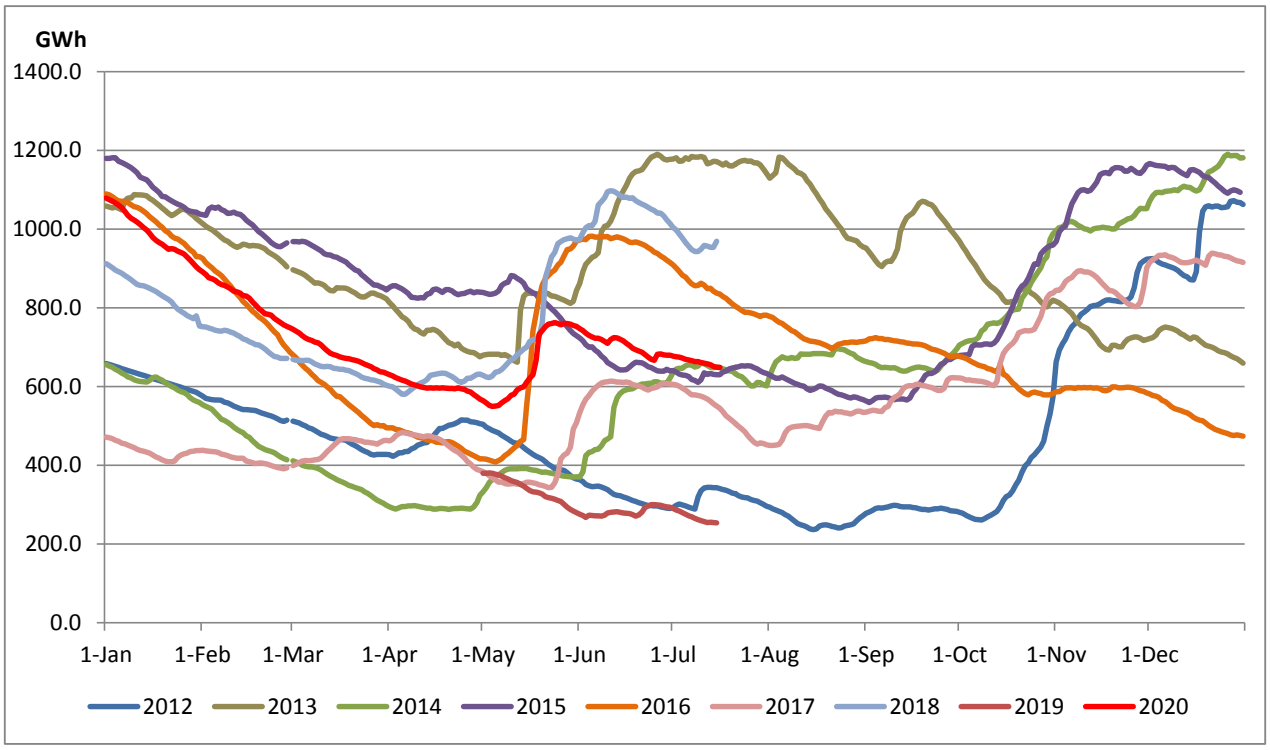
Reservoir Levels - as at 06.00 Hr on July 17, 2020



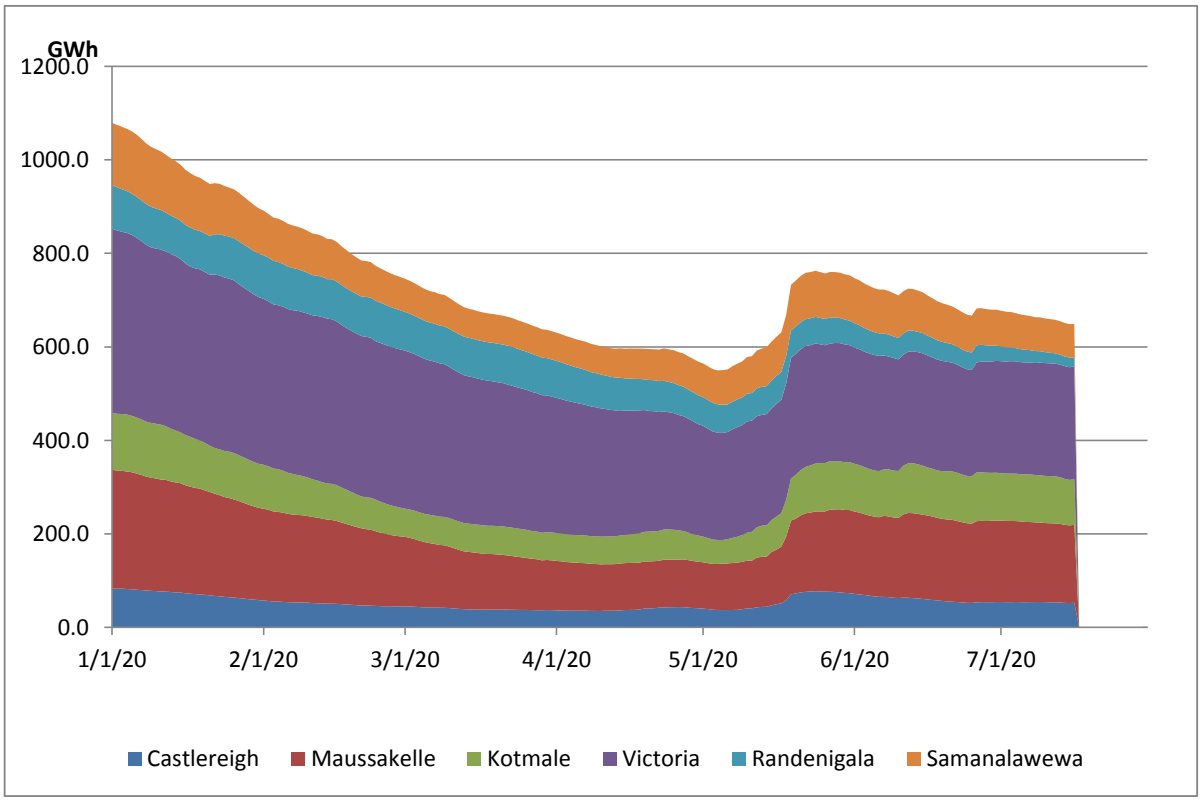
Total Reservoir Level(GWh)	648.8
% of Total capacity	53.8%

Comparison of Total Reservoir Storage Levels with Past Years

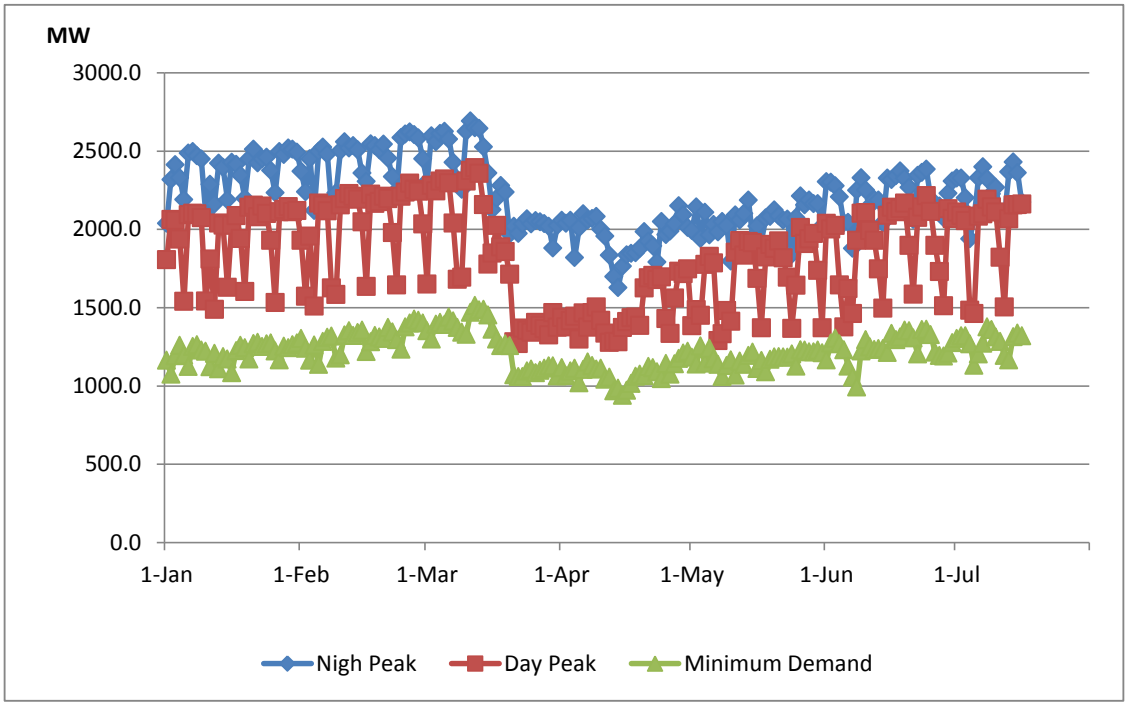
Data from June 2018 to March 2020 are not indicated in the graph



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



Variation of Demand during the current year



Notes: The night peak graph in the above chart is revised from June 8, 2020 to exclude the contribution from Minihydro and biomass power plants contribution
Day peak and minimum demand graphs includes the contribution from Moragahakanda power plant
All graphs include the contribution telemetered from solar and wind plants

Daily Load Curve - July 15, 2020

Solar, Wind and Minihydro data is based on Telemetered Power Stations only

Data not available

Solar and Wind profiles of the day, July 15, 2020

Based on Telemetered Power Stations only

Data not available

Power Station	Capacity (MW)	Primary Fuel
CEB Hydro		
Victoria	210	
Ukuwela	40	
Kotmale	201	
Randenigala	122	
Rantambe	49	
Bowatenna	40	
Nilambe	3.2	
Upper Kotmale	150	
Old Laxapana	50	
New Laxapana	115	
Polpitiya	75	
Wimalasurendra	50	
Canyon	60	
Samanalawewa	120	
Kukuleganga	75	
Inginiyagala	10	
Udawalawe	6	
CEB Thermal		
Sapugaskanda 1	72	Heavy Fuel
Sapugaskanda 2	72	Heavy Fuel
Kelanitissa Small Gas Turb	68	Auto Diesel
GT 7 - Kelanitissa	115	Auto Diesel
Kelanitissa CCY	165	Naptha & Diesel
Lakvijaya (Puttalam Coal)	275	Coal
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Uthuru Janani	24	Heavy Fuel
Barge CEB	60	Furnace Oil
Private Thermal (IPPs)		
Asia Power	51	Heavy Fuel
Sojitz - Kelanitissa	163	Auto Diesel
West Coast	270	Low Sulphur Furnace oil
ACE Embilipitiya	100	Furnace Oil