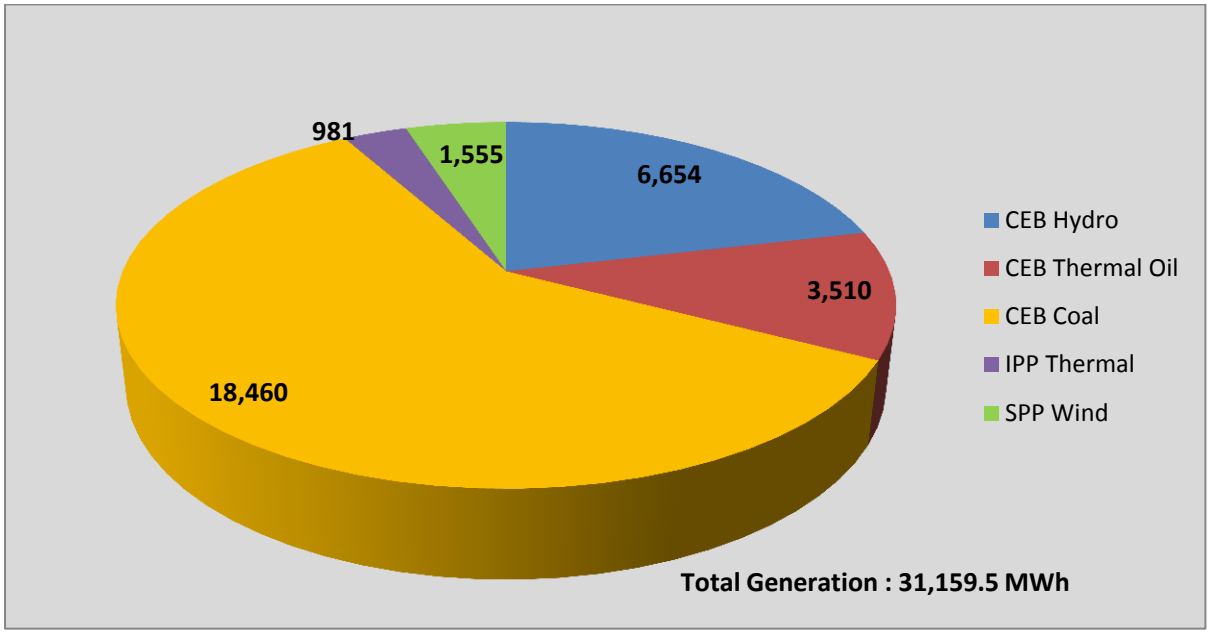
Generation and Reservoirs Statistics

September 04, 2016

PUBLIC UTILITIES COMMISSION OF SRI LANKA

Daily Generation Mix in MWh



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

Cumulative Dispatch till September 04, 2016

For Current Month

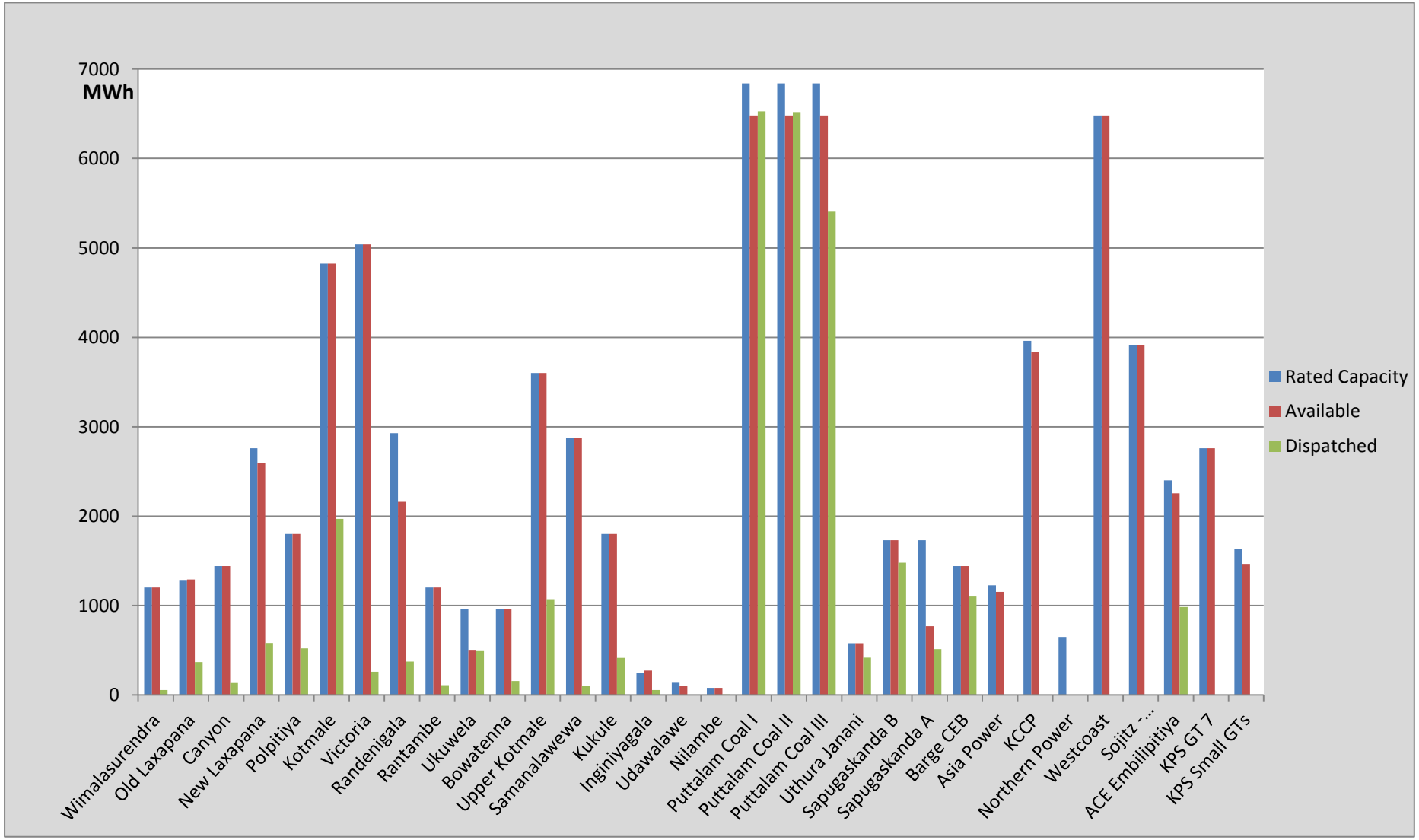
Category	Dispatch (MWh)	
CEB Hydro	26,959.0	19.67%
CEB Thermal Oil	22,120.0	16.14%
CEB Coal	75,560.0	55.14%
IPP Thermal	6,320.0	4.61%
SPP Wind	6,079.4	4.44%
Total	**137,038.4**	

For Current Year

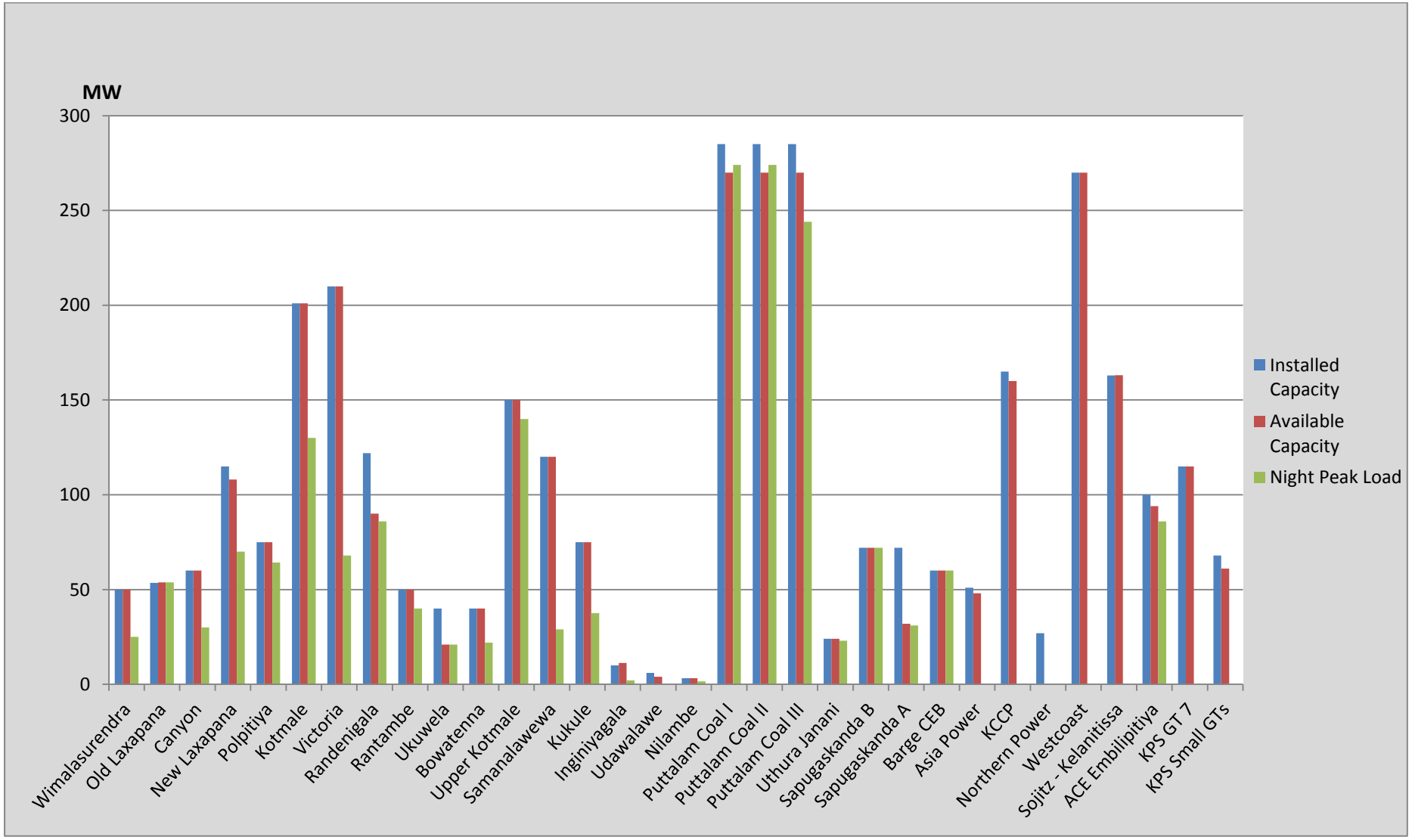
Category	Dispatch (GWh)	
CEB Hydro	2,691	28.42%
CEB Thermal Oil	1,361	14.38%
CEB Coal	3,464	36.58%
IPP Thermal	1,248	13.18%
Renewable	705	7.45%
Total	**9,469**	

Note: *Generation from Mini Hydro, Solar and Biomass power plants during July, August and September is not included in annual cumulative renewable generation figure.*

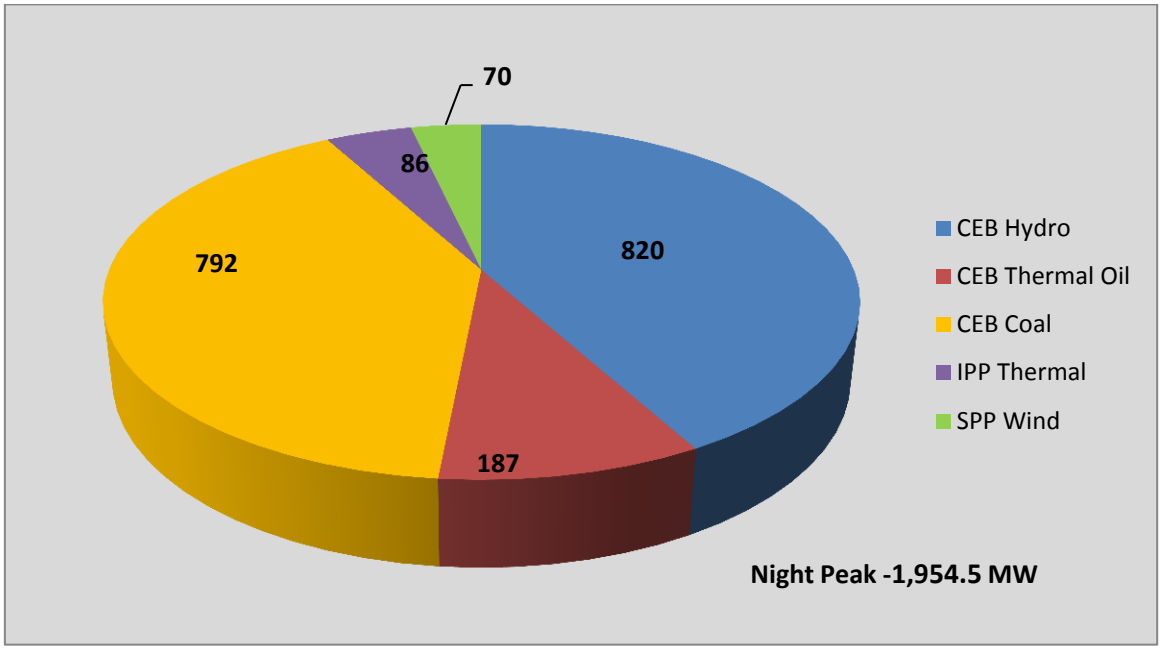
Dispatch on September 04, 2016



Night Peak Contribution on September 04, 2016



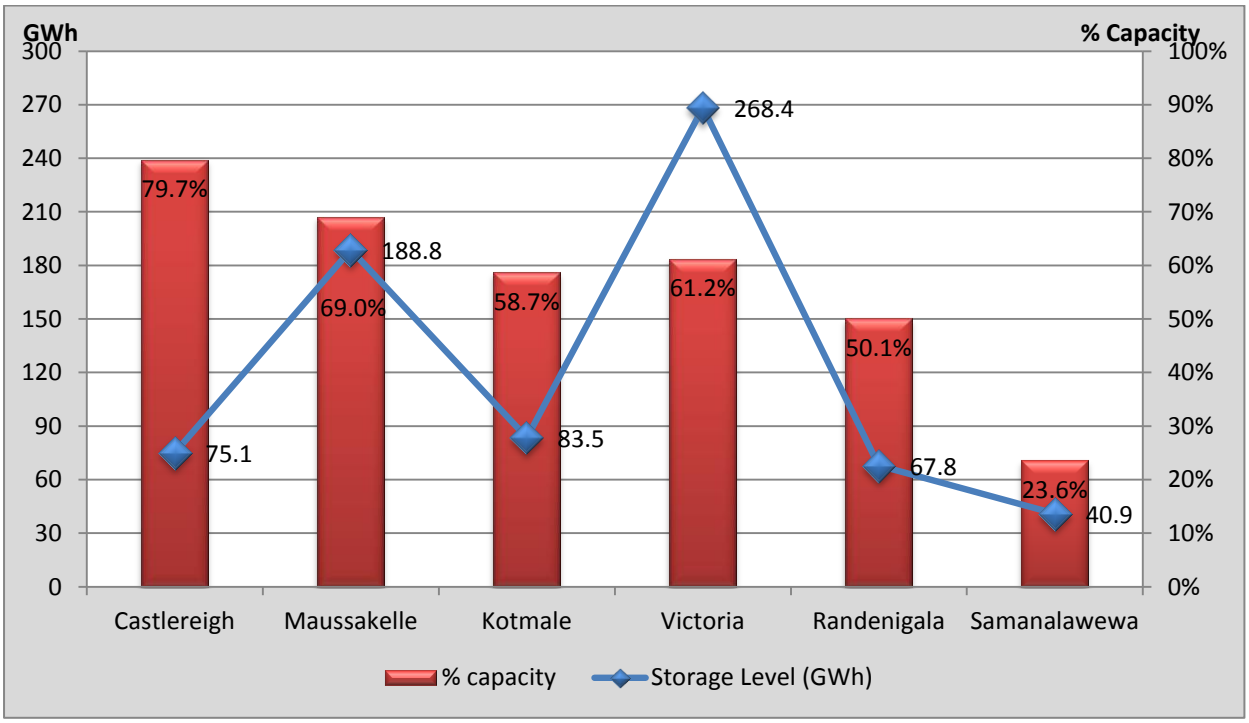
Contribution to the Night Peak in MW



- **Day Peak Demand –**1,396.7 **MW**
- **Minimum Recorded Demand –**1,018.1 **MW**

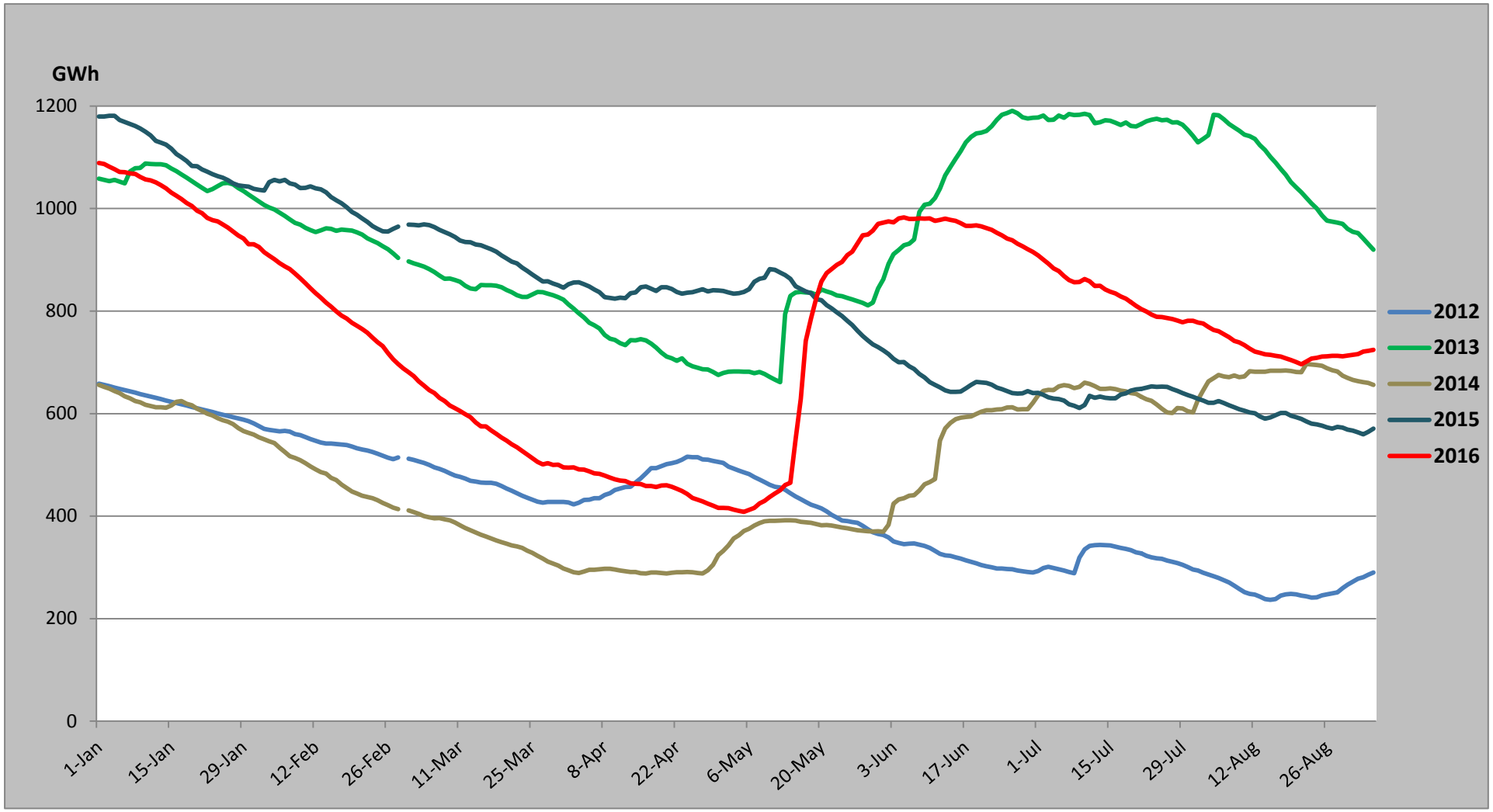
Note: *Contribution from other SPPs (Mini Hydro, Solar and Biomass) is not included*

Reservoir Storage Levels (as at 06.00 Hr on September 05, 2016)

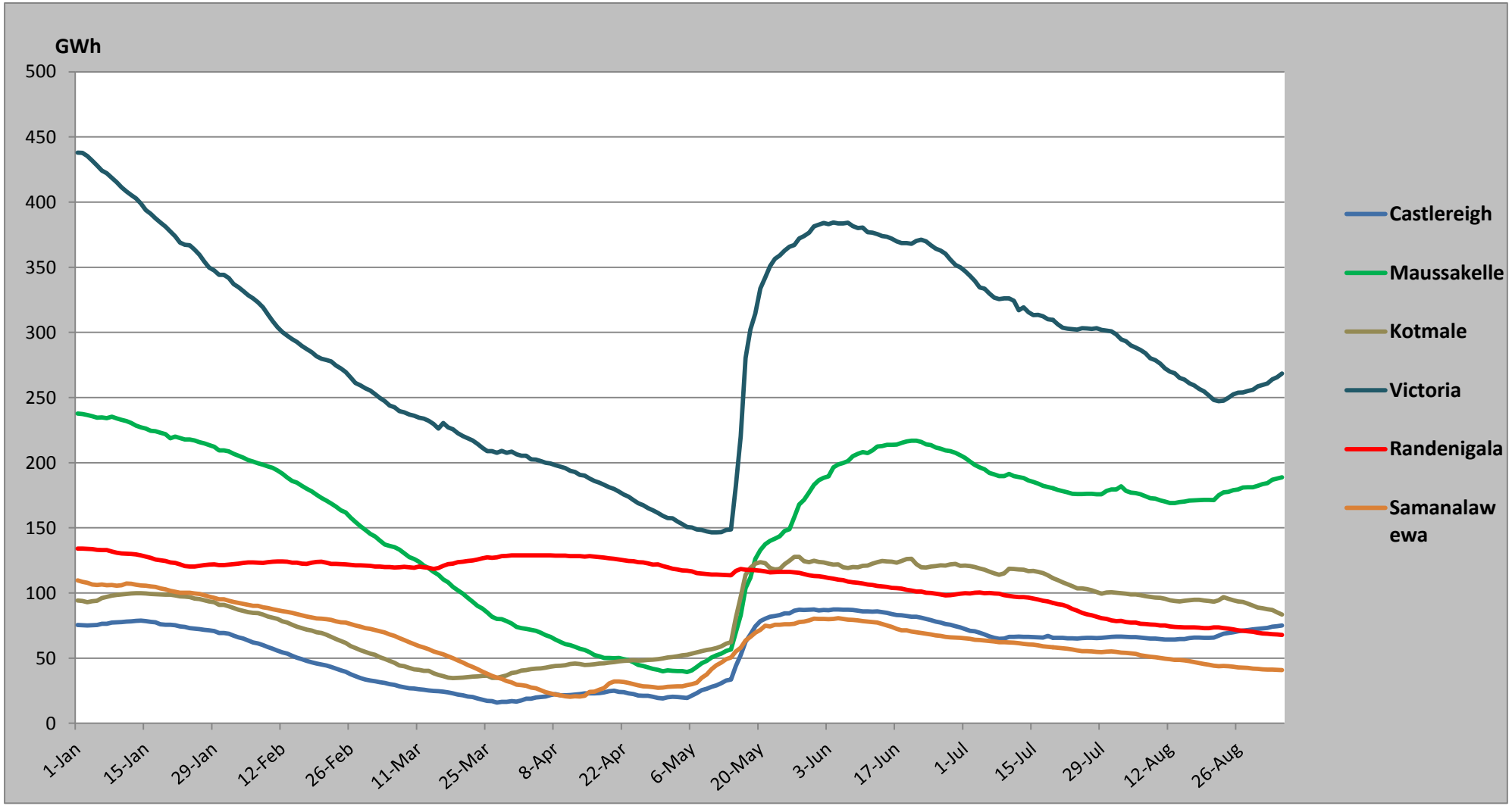


Note: *Hydro Reservoir Storage Capacity as at September 05, 2016 – 724.5 GWh (57.58 %)*

Comparison of Total Reservoir Storage Levels with Past Years

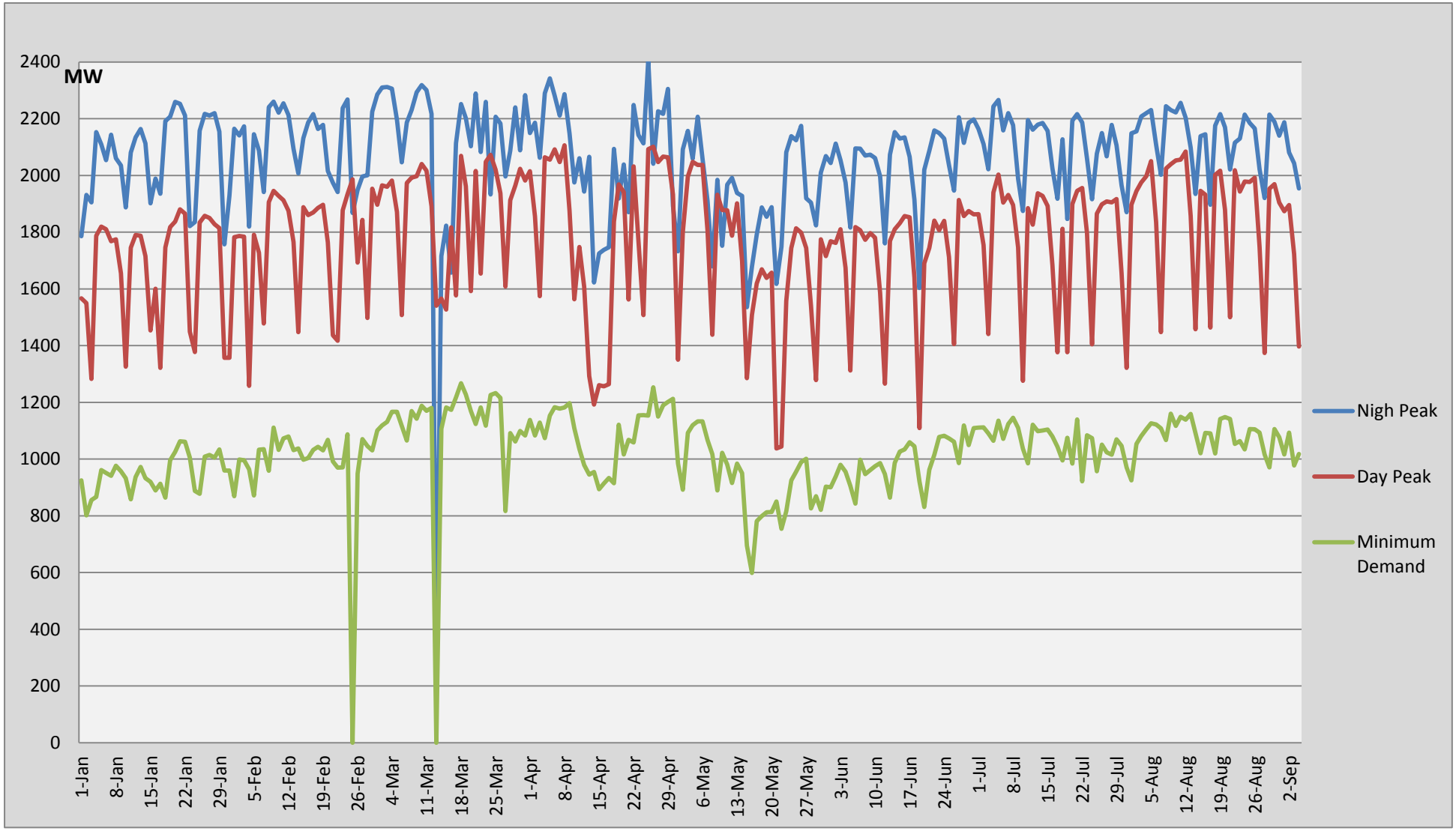


Major Hydro Reservoir Levels in GWh- 2016

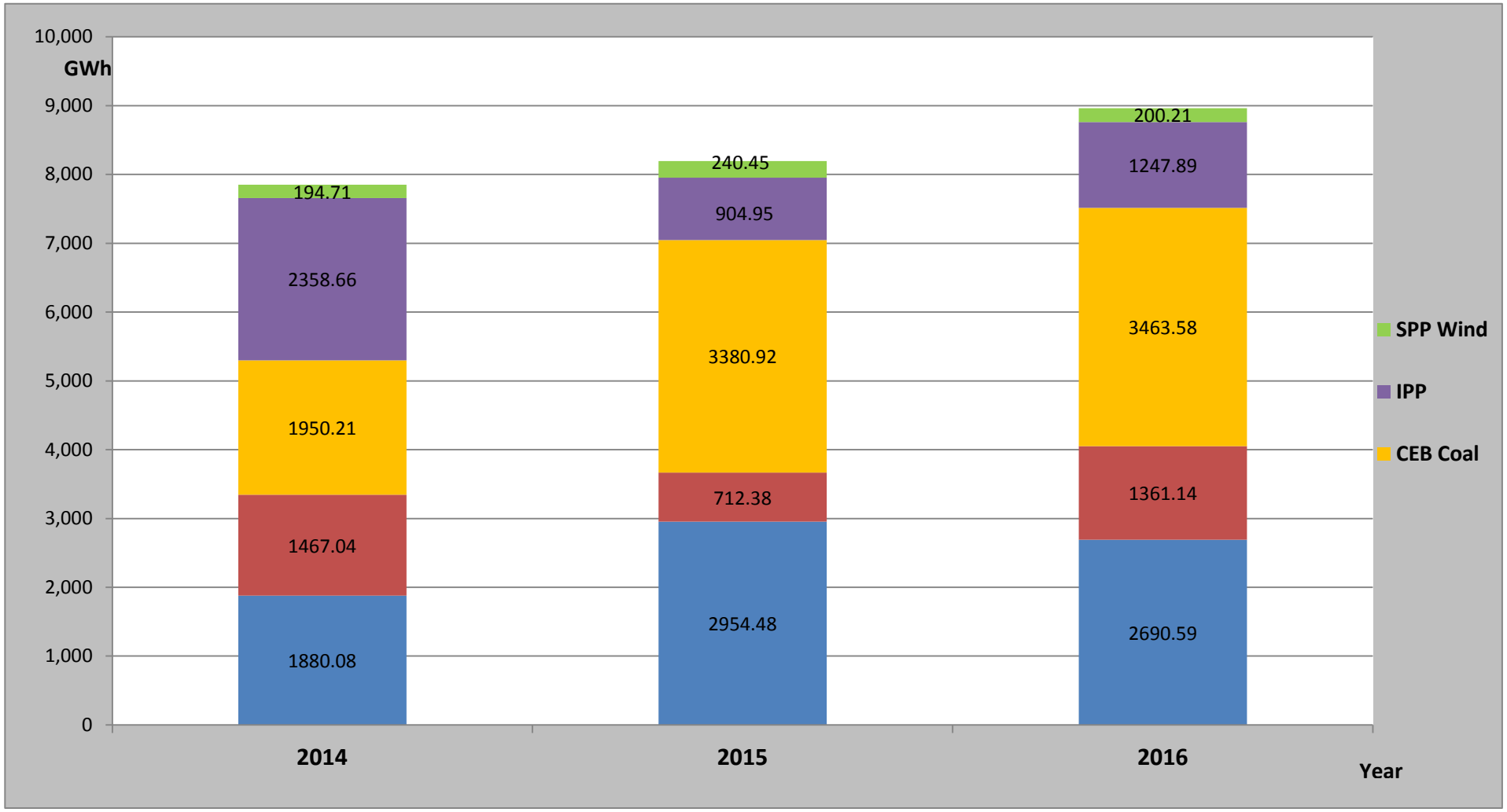


Note: *Contribution from Mini Hydro, Solar and Biomass is not included*

Demand Variation

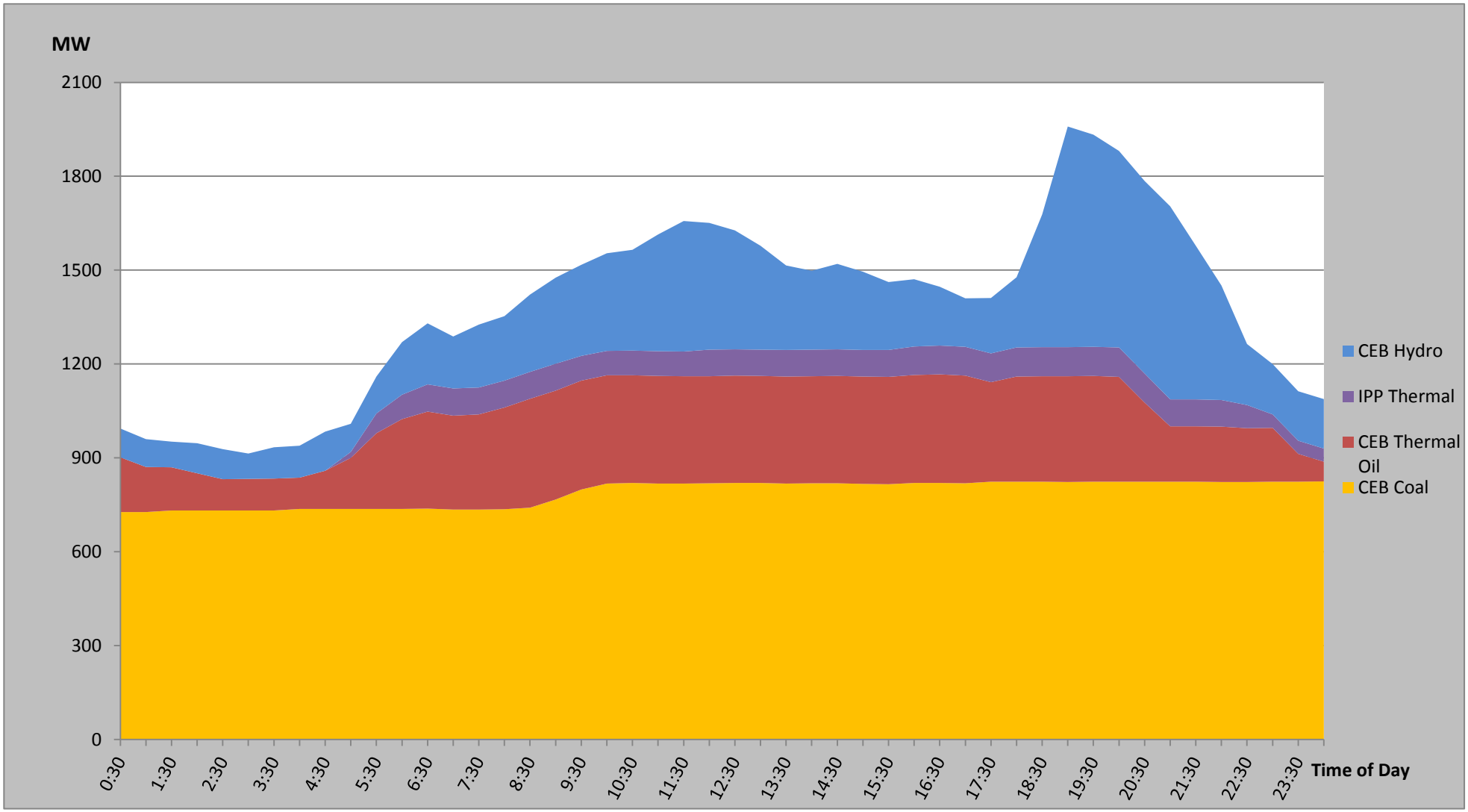


Comparison of Cumulative Dispatch from January 1 to September 04, 2016



Note: *Generation from SPP Mini Hydro, Solar and Biomass is not included*

Load Curve for September 03, 2016



List of Power Stations

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 Turbines	68	Auto Diesel
GT 7 - Kelanitissa	115	Auto Diesel
Kelanitissa CCY	165	Naptha & Diesel
Lakvijaya (Puttalam Coal)	285	Coal
Lakvijaya (Puttalam Coal) Stage II	285	Coal
Lakvijaya (Puttalam Coal) Stage III	285	Coal
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
Northern Power	27	Auto Diesel
ACE Embilipitiya	100	Furnace Oil