

Data template for historical load, RE installed capacity, and RE generation data in hourly resolution as following:

Year	Month	Day	Hour	Load(MW)	Solar IC(MW)	Solar Gen (MW)	Wind IC (MW)	Wind Gen (MW)	Hydro IC (MW)	Hydro Gen (MW)

Data template for technical and financial characteristics of each generating station as following:

S.No	Generating Stations	Resource Type	Installed Capacity (MW)	Allocated Capacity (MW)	Commissioning Year	Expected Retirement Year	Fixed Cost(Rs/kW/Yr)	Variable Cost(Rs/kWh)	Heat Rate (at full load)	Ramp Rate(Mw/min)	Start up cost (Rs)	Start up time (H)	Planned Maintenance	Forced Outage	PLF (%)	Date of Signing of PPA	Date of expiry of PPA
1	Central Generating Station																
2	State Generating Station																
3	Hydro																
4	Renewable																
5	IPP																

Data template for peak demand and energy requirement projections of all Discoms :

Source	Discom1		Discom2		Consumer1		Consumer2 etc	
Unit	MUs	Peak MW	MUs	Peak MW	MUs	Peak MW	MUs	Peak MW
Yr ₁								
Yr ₂								
Yr ₃								
....								
....								
Yr ₁₀								
