

S No	Collection of Data	In the case of subjective items
1	Voltage	Transformers, Generators, and Power Line
2	Current	
3	Active Power(w)	
4	Power Factor	
5	Frequency(Hz)	
6	Pressure	Penstock is the water output, while the draft tube is the water output
7	Temperature(C)	Transformers, stator coil, turbine guide bearing, higher guide bearing, lowering guide bearing, thrust bearing
8	The level of Water(m)	The upstream and downstream
9	Water flow rate(m/s <sup>2</sup> )	Shaft seal and all bearing cooling water systems
10	Vibration rate(m/s <sup>2</sup> )	Rotor

**TABLE 1. PRINCIPAL DATA OF THE HYDROPOWER STATION**