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PPMS(Power plant Monitoring System)

The project is called Power Plant Monitoring System. A power plant can be controlled with the help of this project. SCADA and HMI are expected to operate similarly in the system.

Fully indigenous technology and manufactured by indigenous engineers is possible. Expect the technology and design used in it to be very simple. I hope that if we can create this project, the amount of dependence on other countries will decrease. Hopefully it will work closely with the monitoring systems to present use.

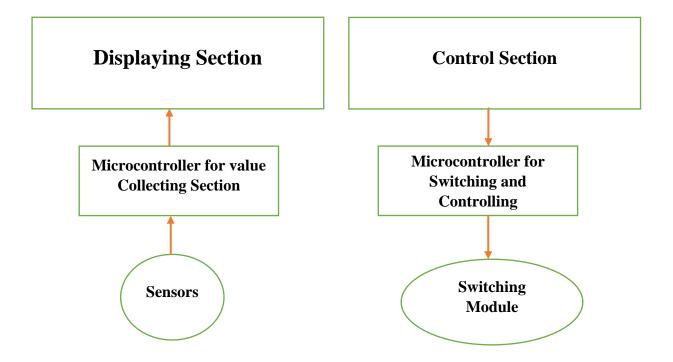


Fig: PPMS Control Block diagram

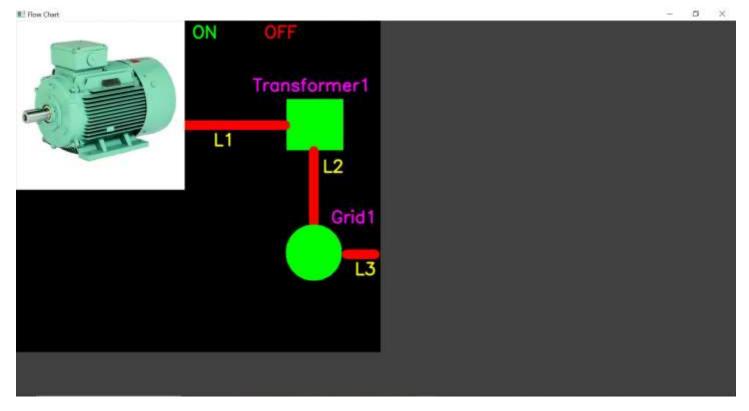


Fig1: Running Flow diagram of PPMS Based plan 1

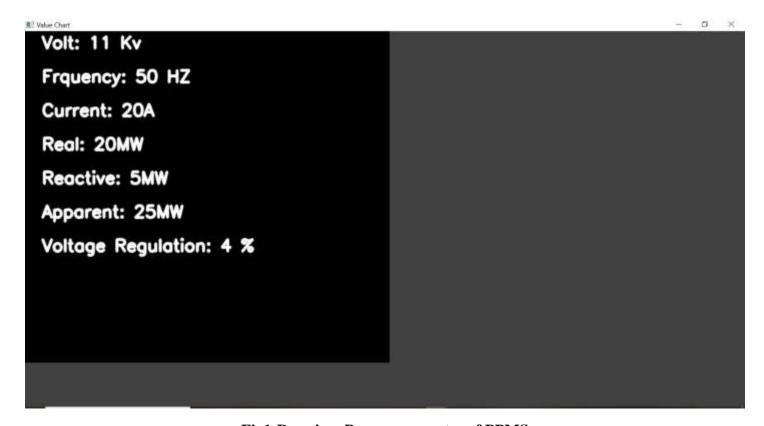


Fig1:Running Power parameter of PPMS

Inlet: 23 Bar
Outlet: 21 Bar
Drop: 1 Bar
Boiler: 5 Bar
Economizer: 2 Bar
Chimney: 2.5 Bar
Ash 3%

Fig1: Running Pressure parameter of PPMS