

SEE-Tech Solutions Pvt. Ltd.

Solution Providers for Energy Conservation & Plant Safety Improvement

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Area: Online Measurement of Electrical Parameters

Topic: Development of online power measurement instrument

Issue: In order to understand energy consumption, optimize demand and improve equipment performance measurement of electrical parameters at Feeder and Distribution Board level is very important (i.e. Voltage, Current, Power Factor, KW, KWh). Here normal CTs can not be used as cable can not be disconnected. Therefore, Clamp ON CTs or split CTs are to be used. Here consideration for large bus bars, large diameter cables and multiple cables is also required.

Need: Power measurement at each step of its use is essential for understanding its consumption & efficient utilization.

Expected Outcome:

1. You have to suggest that what are the advanced instruments that are used for power measurements (Voltage, Current, Power Factor, KW) along with data logger. Also find out list of suppliers for such advanced instruments.
2. For such requirements you can also design and propose your system along with its likely cost.