

“POWER AUDIT”

We offer “Power Sense” a Wireless Data Logger & that carries Power Quality Audit.

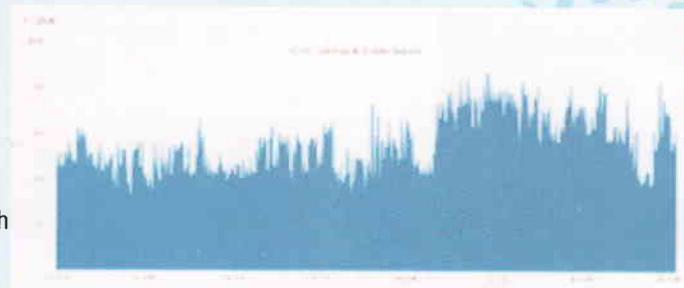
We offer services of our - WIRELESS POWER DATA MONITORING SYSTEM. On nominal charges, we regularly take calls from customers to MONITOR Existing Power Conditions & suggest ways to save on Energy Bills. The Data Monitoring System builds up EXCEL DATA with time interval upto 15 minutes of vital power data - of EACH PHASE like KVA, KW, Currents, Voltages, Power Factor, 3rd Harmonics Currents & Voltages - along with Curves of Variations over 24 Hours with 96 Records / Day. The data on record is useful to work out loses in Energy & extra values the user is paying in Energy Bills

The advantage of our Power Sense products over most others is that these data loggers constantly sample information (recording the Min, Max and Average) over the set period. In contrast many other products only take 'snapshots' of what is going on and can miss 99.9% of the data that is critical to your overall analysis. **Any Theft, Leakage, Misusage Can Be Identified With Evidence.**

Sometimes the users are not aware of the seriousness of this LOSS FACTOR in their set up and users are paying as much as upto 30 % extra costs in their energy bills. We suggest POWER AUDIT to be carried out that will highlight & pin point the exact issue. In a systematic Power Audit a Power Monitoring Device Records 34 PARAMETERS *of Power (Like KW, KWH, KVA, PF, Current, Voltage, THD etc.) in an EXCEL SHEET that further can show in more highlighted form of GRAPHS as to how their POWER USAGES are taking place in their premises.

*** 34 Parameters of Power Audit**

1. Harmonic Voltages: VLN Y THD, VLN B THD, VLN - THD
2. Harmonic Currents: Current R THD, Current Y THD, Current B THD, Current THD
3. Actual Power: KW R, KW Y, KW B, KW
4. Energy units over a particular span of measurement: KWh
5. Apparent Power: KVA R, KVA Y, KVA B, KVA
6. Apparent Energy Units over a particular span of measurement: KVAh
7. Power Factor: PF(R), PF(Y), PF(B), PF
8. Currents: CURRENT(R), CURRENT(Y), CURRENT(B), CURRENT
9. Voltages Line to Line: VLL(RY), VLL(YB), VLL(BR), VLL
10. Voltages Line to Neutral: VLN R, VLN Y, VLN B, VLN



The Power Audit Report will point to WEAK & LOSS Producing areas that need to be corrected.

There is also provision for taking Instantaneous readings & graphs for above parameters. Typical example of INSTANTANEOUS GRAPHS from RECORDING are as follow



For more information, Please contact us :-



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