



**Delving Research &
Development**
Private Limited

DelSmartIoT

Three-Phase Energy Monitoring System



**DelSmart IoT based Online
Monitoring**

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DelSmart IoT Based Three Phase Smart Energy Meter

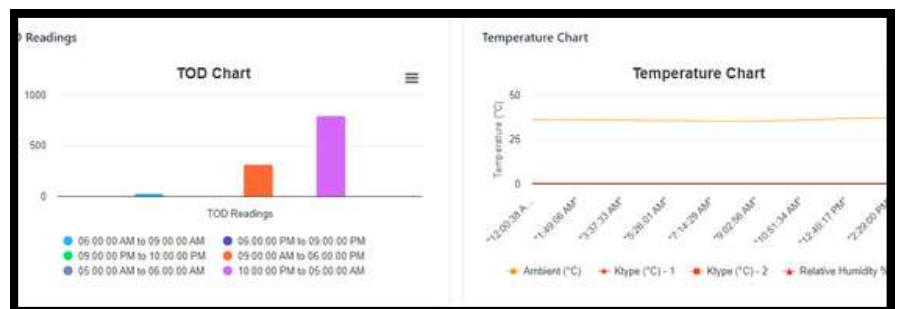
DelSmart IoT Based Three Phase Smart Energy Meter is an a.c.static transformer operated and Var-hour meter watt-hour with time of use registers and two-way communication capabilities. It is designed to measure 'import and export' energy parameters.

It shall be remotely accessed for collecting data/events selected parameters.

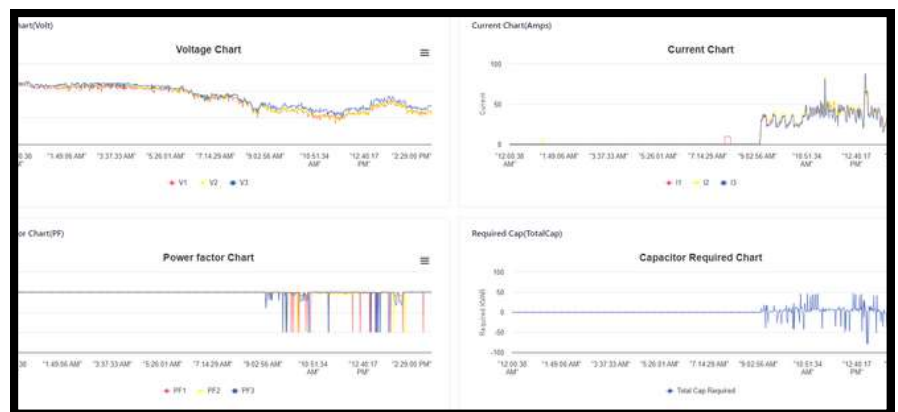
DelSmart - IoT Based Three Phase Energy Meter is designed to categorize consumers in distribution networks.



**DelSmart - IoT Based
Energy Meter**



ToD Reports from DelSmart online
Monitoring Software



Voltage , Current and Power Factor Reports
from DelSmart online Monitoring Software

The smart meter supports the following features/services

- **Data Push services**
- **Advanced security profile**
- **Communication profile**
- **Firmware upgrade**
- **Parameter list for Smart meters**
- **LCD for display of measured parameters and anomaly conditions**
- **LED indications for calibration of active energy & reactive energy**
- **UART Communication Protocol for Remote Meter Monitoring**
- **Meter reading in the absence of mains with built- in battery**
- **High immunity to magnetic influence and Electrostatic discharge**
- **Sealing Provision for meter cover & base and terminal cover**

Dedicated software package

- **Voltage and Current Chart of the selected day**
- **PF Chart of the selected day**
- **Required Capacitor Value Chart of the selected day**
- **Time of Day unit consumption with Maximum Demand Chart of the selected day**
- **Total Unit Consumption of the selected day**
- **Abnormality Log**
- **Active and inactive power**