



Feeder Mains Panels - CBM

Improve Efficiency, Reduce harmonics,
increase life & optimize the performance



CONTACT US:
www.oursmint.com
sales@oursmint.com
+91 98419 71785

Feeder Main Panels – Condition Based Monitoring

The mains input to the feeder main panels – and condition based monitoring enable the user to know the switch gear wellness- healthiness and to know the condition of the various parameters – that decides the reliability of the feeder main panels.

Mains input unbalanced voltage level, unbalanced current, power factor, current, voltage harmonics, kVA, energy, demand and other parameters anomaly monitoring and reporting

Monitoring the individual feeder – energy consumption pattern and anomaly reporting

Monitoring Harmonics in the common coupling point

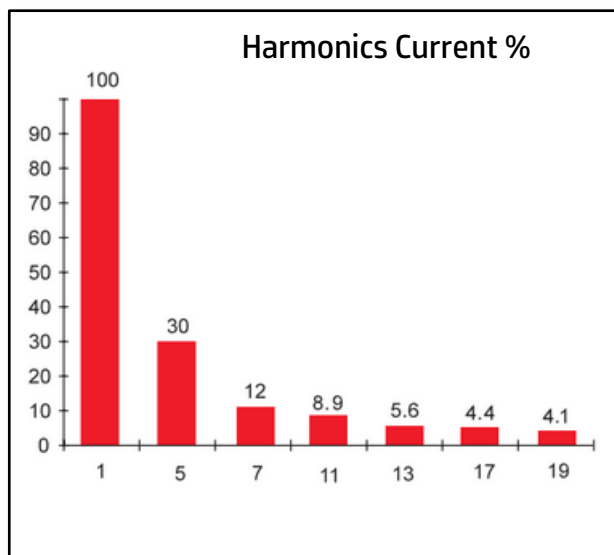
Based on the acquired data, and analyse the source of harmonics and reporting.

Ensuring reliable operation of electrical switch gear and predict the condition well in advance.



DATA VISUALIZATION

Harmonics Current %



Benefit Value



DATA VISUALIZATION

User visualize all KPI parameters in real time basis, they can access – History of date and time stamped data, events, trend, history and other reports



WELLNESS PARAMETERS

Feeder mains wellness parameters ensuring the healthiness of the feeder mains and earlier prediction of fault and warning the user about the anomaly.



DATA ACCESSIBILITY

AI based system analysing all the acquired parameters and predicting and forecasting the anomaly in the system and predicts the possible failures and warns the user well in advance

Service Provider

Reduce down time through effective monitoring and recommendation for early maintenance.

To improve efficiency by reducing power consumption

Automatic condition predicting will leads to reduced skill level, improving intelligence and reducing down time

Predicting failure and forecasting - eliminates costly repair charges

Database recording and retrieval leads to complete transparency

Harmonic distortion levels both voltage and current and alert

Real-time control and monitorization of different elements of the electricity network, in a centralized way

Monitor & trip the feeder if there is any anomaly to endanger the asset.

All KPI performance parameters shall be analyzed and performance deviation parameters shall be reported to the user

Real-time alerting the user if there is major deviation

Automatic reporting through Email / SMS / Whatsapp msg / Discord message Alert Notification.

Cut-down maintenance cost and predict the failures well in advance
Increasing trend of Energy

Consumption in any feeder – automatic escalation to the management

Reduce your carbon footprint and make a positive impact in your community.

