



The Solutions Provider

The **QDMS** is a solution for monitoring and optimization of your electrical grids, control your distribution management system with trust and benefit from quick project configuration, easy operation, increase reliability and efficiency of your network. Among many applications, QDMS stands out for load flow, demand projection, fault location, fault isolation, load transfer and its simulation in real time using SCADA measurements.

QDMS works in real-time with SCADA by reading the data instantaneously. The data can be used as inputs parameters to perform demand projections. The reading of variables under fault conditions are performed to execute the applications associated with the process called FLISR (Fault Location, Isolation and Service Restoration).

QEI offers the entire ADMS system (Advanced Distribution Management System) platform, which includes the integrated systems SCADA, DMS, OMS, and GIS.

QDMS

Distribution Management System

QDMS Benefits

- ◆ Electrical simulation in real time.
- ◆ Modeling the optimum operating point for the distribution system.
- ◆ Modeling current and future demand with high reliability.
- ◆ Early detection of overloads and violations in the voltage limits.
- ◆ Optimization of personnel resources (crews)
- ◆ Accuracy of the fault location is of plus-minus one node.
- ◆ Improved response time to failures.
- ◆ Improvement of the network operator service indicators.
- ◆ Improved demand response capabilities



QEI, LLC founded 60 years ago, has been serving the Electric Utility market with products and services in Distribution/Feeder Automation, Substations and Control Rooms. As an ISO9001:2015 Registered Company, QEI offers a dedicated fully staffed Customer Service department to support all our hardware and software products with in house product repairs, onsite startup/commissioning services and training in a location of your choice, and more.

QEI, "The Solutions Provider" we look forward to serving your needs.

