

## **EMPOWER - Line Switch Maintenance Module**



The **EMPOWER Line Switch Maintenance Module** provides the Utility with the means to eliminate manual scheduling of routine switch maintenance, and the subsequent filing and maintaining of paper records. This module allows the user to track the integrity of overhead, pad-mount, and vault switches throughout the transmission and distribution systems. Once the maintenance interval for each style of switch is established, service requirements are identified well in advance allowing efficient scheduling of maintenance crews. Switches not maintained at the due date because of system conditions or customer constraints are tracked and show up on overdue service reports generated for management; these may then be treated on a priority basis.

Work crews are issued hard copy records of each switch with engineering data and maintenance requirements conveniently listed. Upon completion, the work sheets are used to input results into the module through interaction with simple graphic forms. Nameplate and engineering updates or revisions can be recorded at this time, providing for comprehensive historical record keeping.

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The **EMPOWER Line Switch Maintenance Module** allows entry and interrogation of line switch data such as:

- switch number
- switch location - this may be a simple pole number reference, a map grid co-ordinate or an address specification
- switch type (overhead, pad-mount, vault)
- manufacturer and model number
- date purchased (used for warranty tracking)
- voltage rating
- current rating
- stock number
- date of service
- details of work performed
- freeform commentary for any unusual conditions to be noted

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Providing detailed record keeping and recall capabilities for this item of equipment that is in such wide-spread use within a utility's network provides enormous benefit through the use of a Relational Data Base Management System. The **EMPOWER Line Switch Maintenance Module** will allow the Utility to constantly monitor every switch in the system, resulting in all equipment being maintained in a periodic sequence. Customer satisfaction will be enhanced through increased system reliability.