

## **EMPOWER - Pole Inspection and Replacement Module**



The ***EMPOWER Pole Inspection and Replacement Module*** provides the Utility with the ability to track the integrity of transmission and distribution wooden poles. Inspection can be scheduled for defined intervals, and as a result, accurate deterioration rates can be forecast and replacement scheduled well in advance of a failure.

### ***Advantages include:***

- ***reduced operating costs*** through systematic replacement of deteriorated poles during regular business hours.
- ***reduced operating costs*** through the elimination (other than through accidental causes) of emergency pole replacement (often at overtime rates).
- ***reduced operating costs*** through maintenance of appropriate pole inventory levels for planned replacements.
- ***enhanced system security and reliability*** through increased integrity of the system leading to improved customer satisfaction.

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The ***EMPOWER Pole Inspection and Replacement Module*** allows entry and interrogation of pole data such as:

- pole location - this is handled as two text fields (that can be numeric) allowing use of the first only as a simple pole number reference, or using both as either a grid coordinate or nearest intersection specification
- type of pole
- date installed
- class of pole
- height of pole
- butt treatment
- pole treatment
- inspection performed (eg. pole tapping [manual or sonic], butt boring, etc.)
- contractor identification of out-sourced work
- equipment mounted on pole
- date of replacement

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Over time, the expected mortality of each pole can be accurately predicted, allowing budgeting and scheduled replacement. The ***EMPOWER Pole Inspection and Replacement Module*** will quickly pay for itself through increased revenue and reduced labour costs.