

## ***EMPOWER - Streetlight Maintenance Module***



The ***EMPOWER Streetlight Maintenance Module*** assists in the development and management of a systematic maintenance program that provides the Utility with advantages such as:

- ***reduced operating costs*** through timely replacement of lamps. By group replacement of lamps in the same geographical area before their statistical life-cycle end, efficiencies are achieved.
- ***reduced operating costs*** through the virtual elimination of lamp replacement at overtime rates.
- ***reduced operating costs*** through the elimination of the need to handle customer complaints due to burnt-out streetlights.
- ***reduced operating costs*** through maintenance of inventory levels in line with predictable needs
- ***reduced liability exposure*** through the elimination of insurance claims due to outages.

The ***EMPOWER Streetlight Maintenance Module*** was designed for the Utility (or City) streetlight division. Manual record systems currently in place can be readily transferred to ***EMPOWER***, or simply left in the archives to be gradually superseded by the new data tracking techniques.

Data pertaining to each installation include:

- fixture manufacturer
- date installed
- fixture model designation
- stock numbers: fixture, refractor, lamp, ballast
- lamp voltage
- date of replacement
- general maintenance performed (eg. cleaning of reflector and refractor, fixture debris removal, wiring inspection/repair, gasket inspection/repair, bird screen cleaning, etc.)
- contractor identification where work is out-sourced

With the sophisticated data base management capabilities of ***EMPOWER***, multiple lamp types with vastly different statistics of available life can easily be incorporated. The system can be "tuned" for hours of darkness based on latitude, and at a desired interval prior to likely burn out dates, maintenance can be scheduled in a most efficient manner.