CCMS – Centralised Control & Monitoring System

- Switch ON and OFF the lights of a particular switching point and/or networked switching points from Central Control Station
- Control lights instantaneously or automatically throughout the year on basis of Sunrise and sunset time depending on the geographical location of the switching point.
- Single Switch point can support up to 300 lighting poles
- GPRS based remote streetlight monitoring system with self-protection from short-circuit
- Over voltage protection and anti-theft alert.
- Battery backup of 4 hours.
- Metal/Polycarbonate/SME enclosure with proper lock arrangement.
- GIS mapping covering all switching points

- CCMS has a web-server to receive and record all data from the streetlight controllers.
- Communicate with any individual switching point
- Records LED luminaires glowing and non-glowing hours of a particular switching point.
- Displays the power failure details of a particular switching point.
- Registers all fault conditions like excess voltage/current drawn, lamps failure, no-power supply, etc through the instantaneous alert messages sent by the CCMS unit.
- Reports such as energy saving report, lamp failure report, actual hours of operation, uptime (%), etc. can be generated on a daily basis from the data/readings received from the CCMS units.
- Different user authorization levels can be set

- Total Load: It is the real time total power consumption of all the street lights connected to switch points based on selection criteria like State/District/City.
- Total Meter Readings: It shows the accumulated power consumption of all the switch points.
- Configured: It shows the number of switch points for which connected load is configured. It helps in detecting Overload & light failures.

- Voltage each phase
- Current each phase
- PF each phase
- Metering KWH cumulative
- Metering KVAH