



STREET LIGHT MONITORING SYSTEM

DESCRIPTION

Street Light Monitoring System (SLMS) is a mechanism which addresses the need to facilitate monitoring, identifying, locating and rectifying fault lights within a feeder network. A feeder control unit (FCU) will measure the current/power on the feeder and record any changes (ie. Drop in current indicating a faulty lamp in that particular feeder line). Data collected at the feeder points will be remotely monitored by a central control system located in the central/regional offices. SLMS also provides the basic requirements to qualify as a remote monitoring system, with added functionalities such as SMS alerts, although these are also available in current competing systems.



Needs

- Self-adaptation to existing lighting network and no calibration required.
- Easy and fast installation.
- Portable and lightweight.
- No extra wiring required.
- Improve security with vibration sensor, motion sensor and door sensor.

Application

- Efficient continues Research and Development (R&D) from UTM.
- Backed by 24/7 technical services.
- Real time SMS alert.

Benefits

- Monitor up to hundreds of lights.
- Reduce outage time and optimises streetlight uptime.
- Facilitates lamp replacement and extend lamp life.
- Enhances public safety.
- Improve operation and maintenance planning activities.
- Reduce energy consumption and operating expenses.

Targeted Market

- Local municipalities.
- Power utility companies.
- Universities.

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