



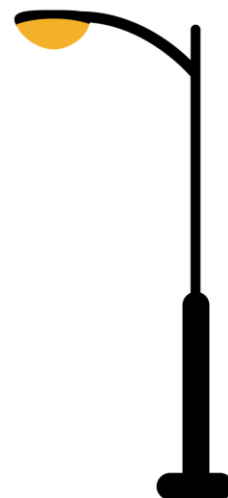
CIRRUS Platform

The "**WATTSUP**" system vigilantly monitors power reserves to anticipate outages, overseeing **power(P)**, **current (I)**, and **voltage (V)** for devices like traffic lights, street lights, and others. It swiftly transmits data to the cloud, triggering alerts for timely inspections and improvements by the technical team.



These **wireless meters** are designed for measuring low-voltage network active power, boasting a compact size, high precision, and a wide range of features. With communication options including LoRa, NB-IoT, 4G, and WiFi, they offer versatility to suit different requirements.

This solution allows flexible installation in distribution boxes for tailored electric energy metering and power monitoring, meeting diverse regional and load requirements..



CIRRUS WattsUp!

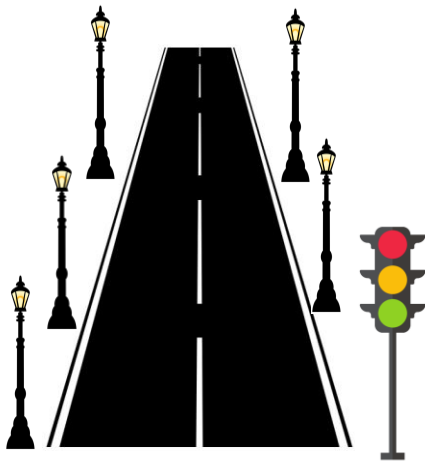


REMOTE MONITORING FOR ELECTRICAL INSTALLATION

There will be 2 condition which is **NORMAL & ABNORMAL**:

NORMAL:

The Sensor will detect the same amount of energy exp: (8V/8V) and detect that there's no power failure and keep updating the system every 30mins



ABNORMAL: Situation 1

The sensor will detect different amount of energy exp: (6V/8V) which shows abnormalities in energy consumption and sending data through Telegram.

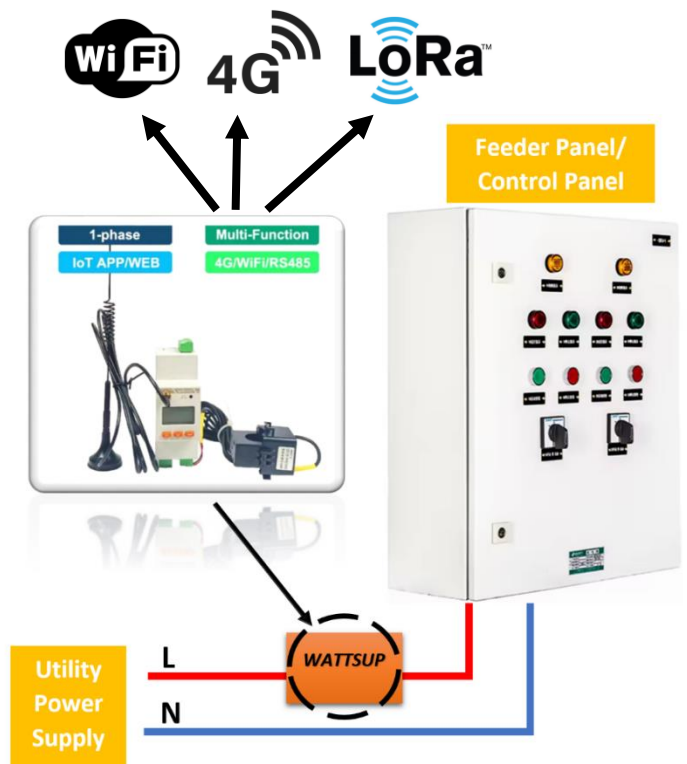
ABNORMAL: Situation 2

The sensor detects total power loss, signaling Telegram using remaining energy before shutdown, and updates the Maintenance Managing System for swift work procedure updates.



The data will be stored in CIRRUS Cloud.

The meter tracks energy usage, such as electricity consumption by a traffic light, and transmits data wirelessly to a central system, utilizing Wi-Fi, cell signals, or other wireless methods instead of cables.



CIRRUS WattsUp!



The central system gathers and analyses data, searching for patterns or abnormal energy spikes, accessible from anywhere for monitoring energy usage and issue identification via phone or computer. Alerts are sent for sudden increases or meter malfunctions, streamlining energy management without physical connections or manual readings.

CIRRUS data will also be sent by **Telegram** and **WhatsApp Message**

Benefits:

- Easy to install or relocate
- Low cost
- Integration to existing systems
- Less equipment
- 2G SMS and GPRS Transmission for MQTT/EMAIL/FTP
- Vandal proof design
- Real-time information



AIM ANALYTICS SDN. BHD.

Address

Suite M.8,
No.3 Jalan Cempaka SD 12/1A,
Bandar Sri Damansara PJU9,
52200 Kuala Lumpur. Malaysia

Contact us

Email: info@asgb.com.my
Phone: +603-6273 3386
Fax: +603 6273 3387
Toll Free: +1800-88-3386