
STANDARDS BULLETIN No.: S01 - 060

Subject: Installation of tariff meters in Package and Kiosk Substations.

Purpose:

To introduce the installation of tariff meters into all new package and kiosk substations in the Low Voltage cubical.

Reason:

Currently PowerWater does not monitor the Low Voltage distribution network, therefore tariff meters are to be installed into the Low Voltage compartment of all new package and kiosk substations. These meters will have the capacity to monitor the current and voltage of all 3 phases in the Low voltage system and send this data back for analysis when required. The introduction of these meters will increase the knowledge of system behaviour, assist in asset management, and improve the corporation's ability to detect power theft.

Requirements:

- The tariff meters are to be installed into the Low Voltage cubical of all new package and kiosk substations after the package substation has been tested by ETS. The project engineer is to inform PowerWater metering section when a substation is ready to have the meter installed.
- The meter is to be installed as per drawing S02-1-7-01 sheet 4. Only PowerWater metering section is to install tariff meters.
- The meter wiring is to be as per drawing S02-1-7-01 sheet 5.

Implementation:

The amendment is applicable immediately and all new package and kiosk substations tested by ETS after the release date of this bulletin are to have the tariff meter installed.