



1-2-3-DONE

POWERetc's custom report generator and METSyS Logger package makes it super-easy to setup and conduct Cal OSHPD (PIN 38) for medical facilities and NEC 220.87 connected load studies.

The POWERetc / METSyS Logger package makes it as simple as 1-2-3

1

Hookup

- **Place** the ultra-compact **METSyS Logger** inside the enclosure.
- **Attach** PROSyS Rogowski coils included in the **POWERetc package** for each phase and neutral.
- **Monitor** for 100 hours on the current logger's fully charged internal battery – or use the package's external power supply and voltage clips for longer-duration studies.

2

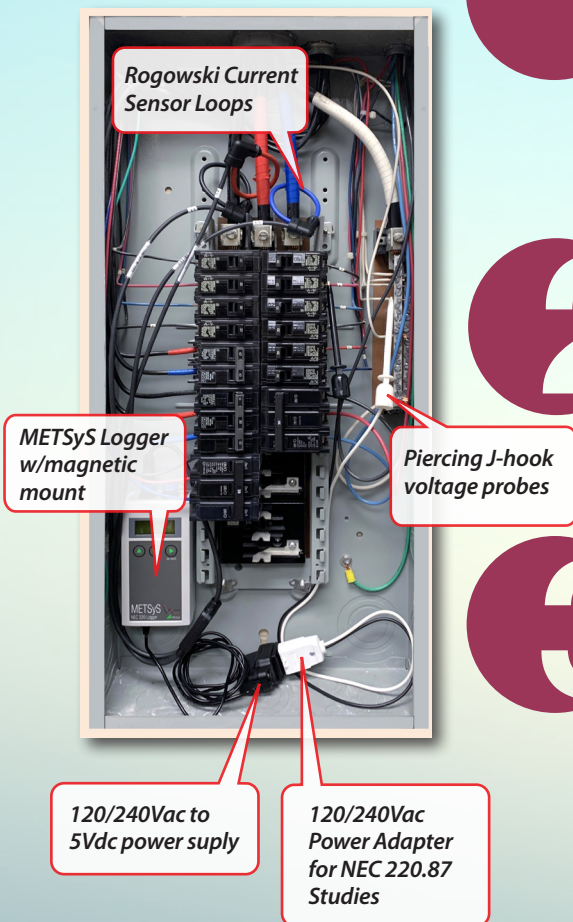
Setup

- **Turn** Bluetooth ON and **Pair** the mobile app with the METSyS logger.
- **Label** the study.
- **Select** the averaging interval.
- **Set** the study duration.

3

Retrieve/Report

- **Download** METSyS logging session.
- **Take** screen shot of plot, save to photo's or email (optional, but a good practice).
- **Email** log for later processing with Excel macro.
- **Create** perfect reports with the **POWERetc** report generator. The proprietary Excel spreadsheet Macro takes all the mystery out of the equation.



Create Clear, Concise Load Study Reports

The **Calif. OSHPD** mandates a 72-hour load study to confirm feeder capacity whenever loads are added to existing panels. The **NEC 220.87** connected load study involves collecting average current data in 15-minute intervals, continuously recorded over 30 days. (Note: Sometimes readings are verified after 7-days to verify that panel capacity exists, but the full 30-day period will be required, especially when electrical permits are required.)

The powerful Excel macro developed by, and only available from, **POWERetc** makes it easy to comply with OSHPD and NEC standards – while creating easy-to-read load study reports.

The Excel macro also calculates, and plots, the continuous load, identifies the maximum continuous load (MCL). [NOTE: A continuous load is defined, by the NEC, as a load that is present continuously for 180-minutes (3-hours).]

The **POWERetc** macro walks you through a series of screens – from analyzing the load characteristics to producing the final report.

Set Up analyses according to preference, such as:

- Panel ampacity
- Seasonal adjustments
- Planned additional load

Customize formatting and images, including:

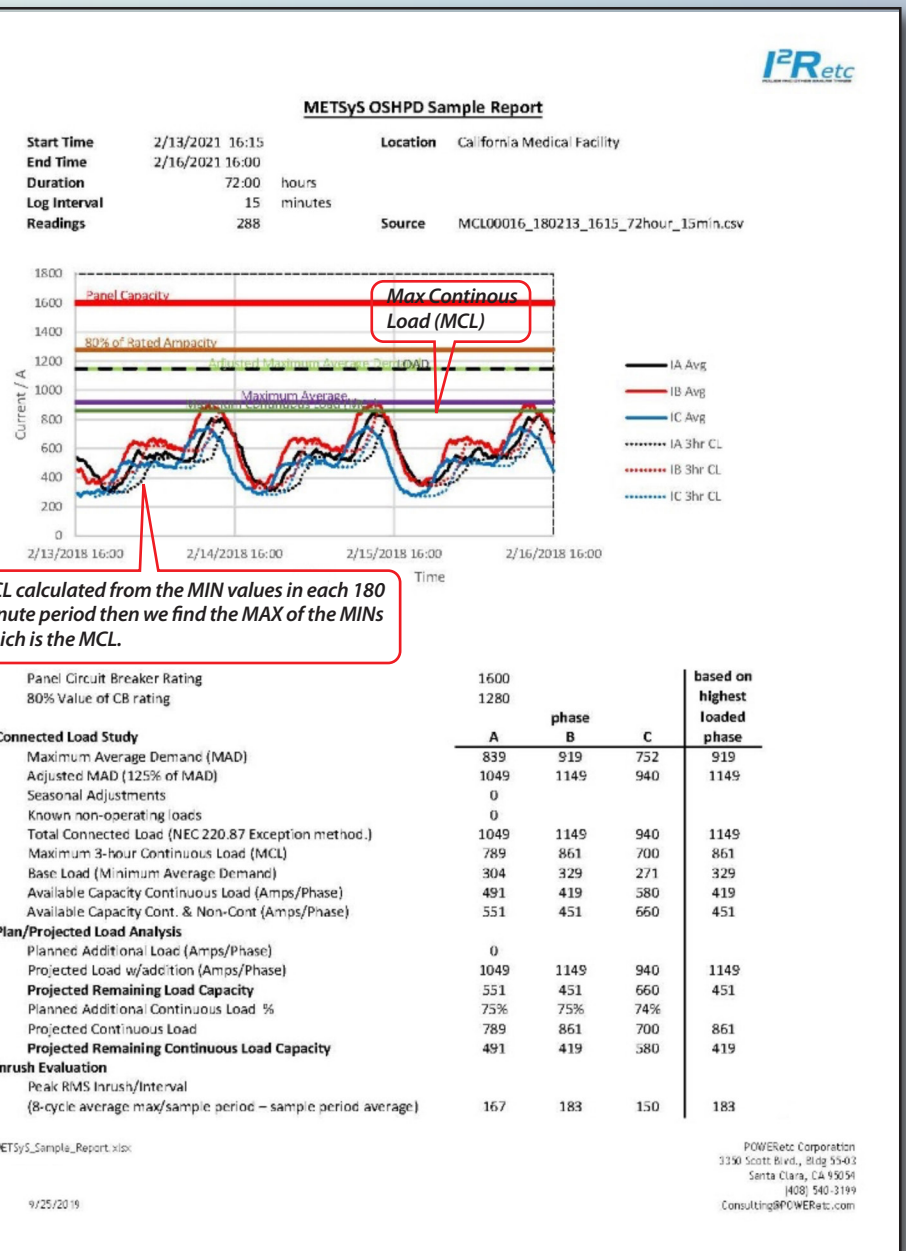
- Report title
- Logo Images at top right and/or left top
- Text at bottom



The **POWERetc METSytS** Logger package comes complete with current probes and auxiliary power supply. The package is equipped with a choice of **PROSytS** current probes. (Standard diameters: 2", 6" and 15". Other sizes available on special order.)



This special accessory package is designed for permanent installation in 480 V cabinets. Included are a 4-phase, 6" diameter MicroFlex current probe assembly rated at 4000A, a thru-panel cabinet adapter/connector and exterior jumper cable to connect the **METSytS** logger to the cabinet connector plug.



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