

Why buy an Eaton meter?



All facility electrical users have one thing in common. Their electrical system can greatly effect company production, productivity and profits. Here are a few questions/answers of why installing a new Eaton meter makes good sense.

1 I already have analog (pointer-type) electrical panel meters in my facility but no one really uses them. Should I consider replacing these?

Answer – Yes! Eaton offers new digital type, microprocessor-based meters. They are highly accurate and reliable. The Eaton meters are equipped with many various communications options that allow you to connect the meters to your existing building management system or use the meters' own Web-enabled screens, allowing you to view your meter via a Web browser. It's akin to banking or checking the weather online. You can see what your facility electrical system is doing from almost anywhere without physically going to your electrical room.

2 I need something to record my electrical power usage to compare against my electrical bill. Can Eaton meters do this?

Answer – Yes, Eaton meters can keep a continual log of your electrical parameters including Volts, Amps, Watts, Kilowatt Hours and many more. These are viewable in both graphical and data formats. This information can be stored in the onboard memory and can be downloaded as .csv file for further analysis in programs such as Microsoft® Excel®.

3 Where should these meters be installed?

Answer – Eaton meters should first be installed at the Service Entrance location. Your electrical power quality is influenced by what is received from the utility and how your facility impacts the power received. From there you should decide which critical loads you want to monitor for energy consumption. A good rule of thumb is to start with the largest loads and work down or by type. Typical loads such as: HVAC, Chiller, Air Compressors, and Lighting Panels are the best place to start.

4 Power Factor is a growing concern at my facility. Will Eaton meters record the power factor in my facility?

Answer – Yes, Eaton meters can continually log your power factor, and can be accessible from the meter's display or meters on your network can be accessed remotely. Not only can power factor (PF) penalties cost you money, they can also cause problems and waste energy. Creating a plan to fix your PF (raising it toward unity "1") is good, however if you don't measure the before and after effects, you don't know if your improvements have had any benefit. Having the ability to log this data on a continuous basis helps this tremendously.

5 We don't have an "active alarm notification" system in place for our electrical system. Can Eaton meters email me when something "out of normal" is occurring?

Answer – Yes, Eaton meters can be setup for email notification on various levels of events to multiple persons when the meter is connected to a network.

Note: Eaton meters can also notify via email when used in conjunction with the PXG600A Gateway (Datalogger).



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Printed in USA
SA02601008E / TN
August 2010



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