

PowerLogic® Metering to Meet EPAAct 2005 and EISA2007 Requirements



Federal Government

Square D® PowerLogic® advanced metering solutions will help your federal government facility achieve compliance with Section 103 of the Energy Policy Act of 2005 and other federal energy mandates. Plus with built-in advanced power quality capabilities, PowerLogic solutions are ideal to capture extra savings in measurement, verification and power system reliability.

Energy Policy Act of 2005:

- Signed into law August 8th, 2005 (public law 109-58).
- Section 103 mandates that by October 2012 ALL federal buildings must be metered and sub-metered.
- Requires real-time energy information software.
- Calls for Energy reduction of 2% - 20% by 2015.

Energy Independence & Security Act 2007

- EISA 2007 with executive order 13423 increases EPAAct2005 energy reduction requirements to 3% - 30% by 2015.



by Schneider Electric

Advanced Metering Infrastructure

Our comprehensive line of advanced PowerLogic® meters plus innovative real time energy and power management software that comes with over 100 years of Square D electrical industry experience provides federal energy managers with the right tools to better understand, manage, reduce energy consumption and drive savings in compliance with EPACT2005 and EISA2007.



Above and beyond the many good reasons for the metering requirement... it is not just a good idea...it's the Law.

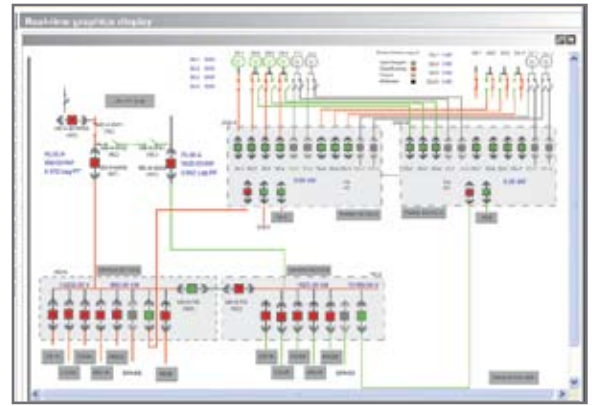
Advanced Meters	PM800 series power meter	ION7650 energy & power meter	CM4000 series circuit monitor	ION8600 socket meter
15 minute onboard interval data storage	✓	✓	✓	✓
Communicates data to remote location	✓	✓	✓	✓
File upload to supervisory software on daily basis	✓	✓	✓	✓
I/O support for metering other utilities - water, air, gas, steam, etc.	✓	✓	✓	✓
ANSI C12.20 accurate	✓	✓	✓	✓
Application	<ul style="list-style-type: none"> • Feeder • Sub-meter 	<ul style="list-style-type: none"> • Incoming main • Generator • Secondary main 	<ul style="list-style-type: none"> • Impulsive transient • Mains • Sensitive equipment 	<ul style="list-style-type: none"> • Utility intertie • Service entrance • Main substation • Outdoor padmount transformer

NOTE: With our turnkey installation services, we have the ability to implement secure wireless networking with various vendors to meet Federal Information Processing Standard (FIPS) Publication 140-2.

Power Management Software

for power availability and reliability

- Data acquisition and automatic collection of time differentiated energy usage
- Real time electrical distribution monitoring
- Waveform and power quality analysis
- Demand response and curtailment

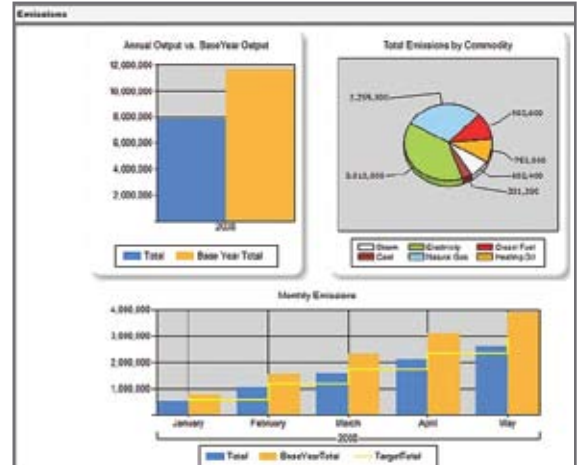


PowerLogic® ION Enterprise® power management software

Enterprise Energy Management

for actionable energy usage and analysis

- Emissions tracking and reporting
- Data presentation dashboard portal
- In-depth measurement and verification
- Interval benchmarking and profiling
- Key performance indication, data modeling an forecasting



PowerLogic® ION EEM enterprise energy management software



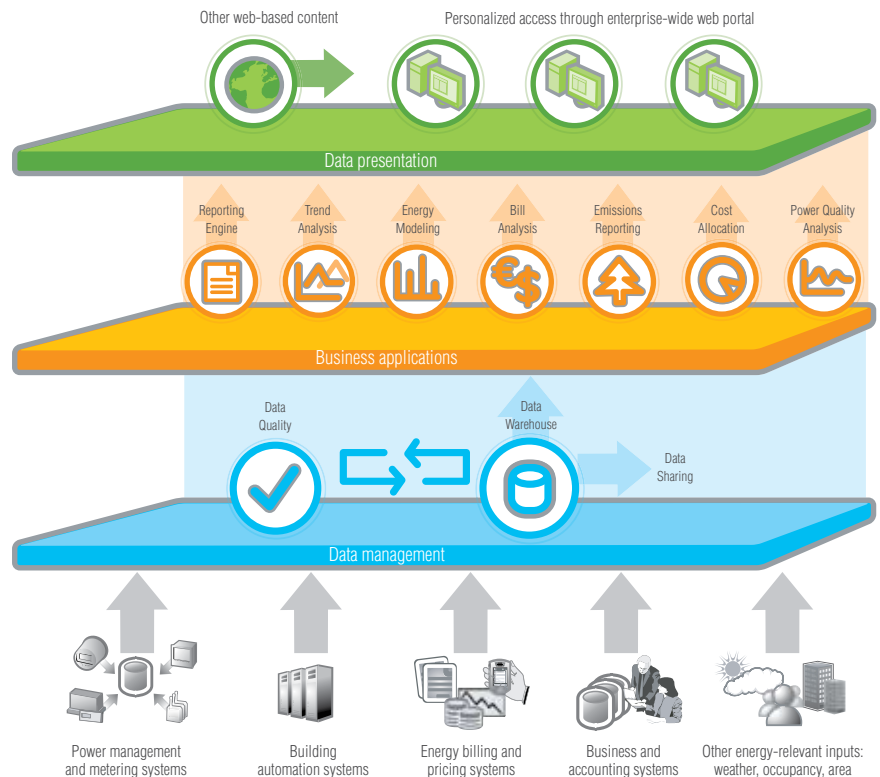
Enterprise M & V
Compliance Dashboard



Power Management
Software Monitoring



Communications
+
Advanced Metering



GSA contract number:GS-07F-9462G

As a GSA Federal Supply Schedule holder, we can provide:

- Site Metering audits
- Meter selection based on system requirements
- Turnkey installation Services (meters & software)
- Software set-up and energy reporting
- Training & support.

Other Procurement Methods

- US Army Corps of Engineers-ID/IQ Contract # DACA87-03-D-0030
- DOE ESPC ID/IQ
- SBA Small Business Utilization Programs



Services

EPAct 2005 compliance has its advantages.

Before



Without readily accessible information, it is difficult to manage energy consumption

After



Advanced PowerLogic ION8600 meter records revenue accurate interval data and reliability measurements for automatic retrieval via power management software.

Before



Aging mechanical meter with measurement range limitations are unable to provide true peak demand.

After



With PowerLogic advanced metering and software, you can measure and verify energy savings as well as improve power system reliability.



Schneider Electric - North American Operating Division

295 Tech Park Drive
LaVergne, TN 37086
Toll Free: 1-866-466-7627
Fax: 250-652-0411
www.PowerLogic.com

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Efficiency & Sustainability. Whatever your need, Schneider Electric has the solution.

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