

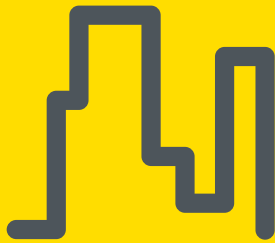
PowerLogic® submetering

Product range overview for commercial properties,
institutional, government and retail facilities

The world's largest and most advanced range of metering and software that monitor, record and report to reduce energy costs and maximize energy efficiency



Retail



buildings



Institutional

Make the most of your energySM



SQUARE D

by **Schneider** Electric

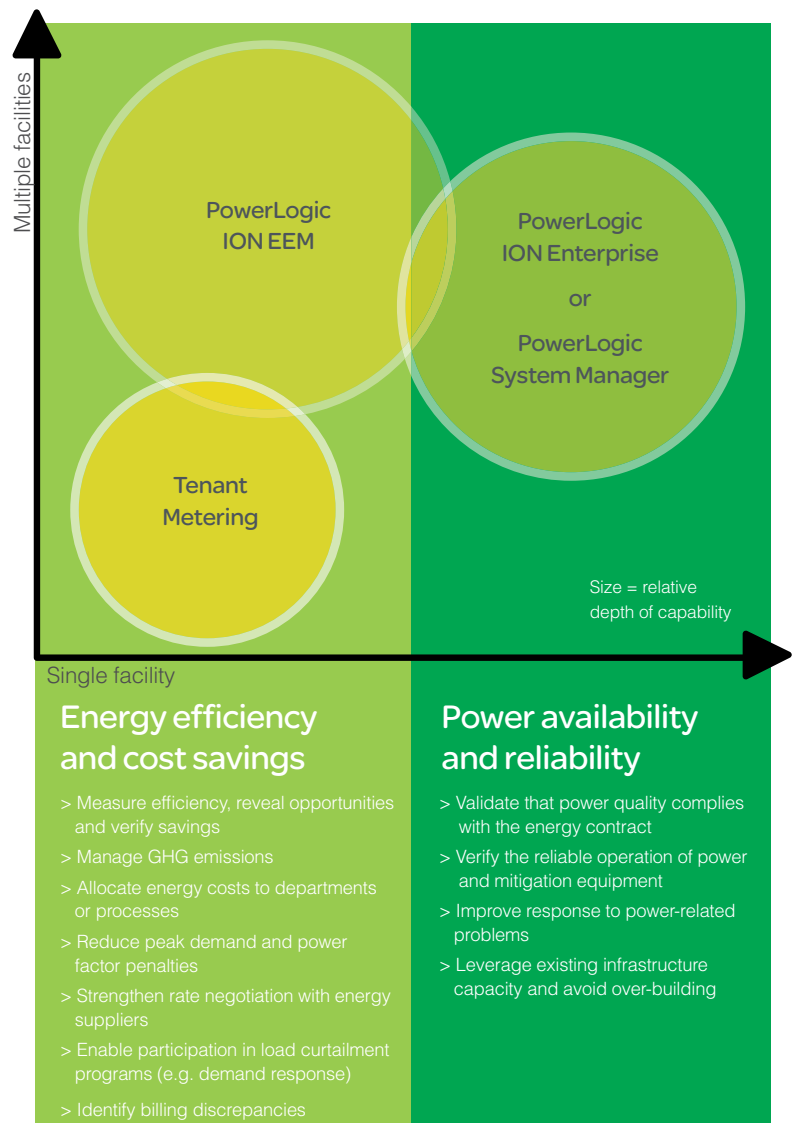
A submetering solution to reduce costs and increase energy efficiency for every business.

A range of applications to fit your facility needs

Scalable and cost-effective PowerLogic products provide the precise energy information, analysis and control you need to reduce usage, cut utility costs and manage building operations. Your business can realize energy cost saving of 25% and a net operating income (NOI) increase of 5%, while providing tenants lower leasing rates and superior energy options.

Whether your facility is an office building, retail operation, government facility, university, college, or a multi-use commercial property, the depth of PowerLogic® system offerings makes it easy to match a product to your needs, your facilities portfolio and your budget. As your business or energy management program grows your PowerLogic solution can grow with you. Products are highly complementary, sharing information between platforms and benefits between users.

Backed with decades of experience, thousands of customers, and the industry's largest selection of cutting-edge metering and software products, you can trust that a PowerLogic system is available to help resolve your organization's toughest energy-related business challenges. With solutions spanning basic sub-billing and enterprise-wide facility benchmarking, through emissions tracking for green house gas reduction, you'll have the energy information you need to make the right decisions no matter which PowerLogic® system you choose.



Each software product collects energy-related data from a variety of sources, including PowerLogic® meters, other devices and other systems.

PowerLogic Tenant Metering, Commercial Edition

A flexible software solution that takes the difficulty out of tenant sub-metering while increasing tenant retention and property value through fair and transparent billing. It can meet your unique needs and budget for new construction or for retrofitting existing apartments, shopping centres, offices or government facilities. The software will help you allocate and recover the true cost of utilities at each facility, for both tenant spaces and common areas. Automated data collection, data correction and invoice generation help reduce administrative costs for multiple locations. Fully customizable billing periods and rate structures adapt to regional regulatory requirements. Detailed load profiling and energy consumption reports can help promote accountability for energy use and assist in implementing efficiency initiatives and achieving LEED® certification.

- Offers comprehensive invoicing for water, air, gas, electricity and steam (WAGES).
- Includes a proven billing engine and easy-to-use
- RateWizard rate configuration tool support demand, time of use, flat and tiered rates, seasonal rates and power factor.
- Features easy report generation for viewing load profiles, energy consumption trends and energies by month, week and day.
- Automated data collection for up to 2000 metering devices: supports PowerLogic power and energy meters and branch circuit monitors as well as third-party Modbus-enabled meters.

ABC Property Management Inc.

Invoice #	Customer ID	Bill Date	Payment Due	Amount Due
102	STORE_1	5/2/2007	5/15/2007	\$21,001.73

Phone Numbers: Jane Doe, Store #1, 200 Tech Park, Suite 100, Lafayette, TN 37306
Phone Numbers: Jane Doe, Store #1, 523 E. Main St., Lafayette, TN 37301
Please email and/or fax us with all correspondence.

Tenant Information:

Tenant Name: Store #1	Tenant ID: STORE_1
Service Address: Shared Office - 80% (Shared Office)	
Meter Number: 04012007 00 10 to 14302007 midnight	MWh usage: 196.770
Period: 04/01/2007 00:00 to 04/30/2007 midnight	KWh Demand: 770
Number of days: 30	

New Charges:

Electric	\$21,412.01
Steam	\$49.72
Total Amount Due	\$21,001.73

ABC Property Management Inc.

Electric Details:

Rate	Sample Electric TOU Demand Rate	Account ID	STORE_1	Number of days in bill	30
Period:	04/01/2007 00:00 - 04/30/2007 midnight	Store #1	Shared Office - 80%		

Charges:

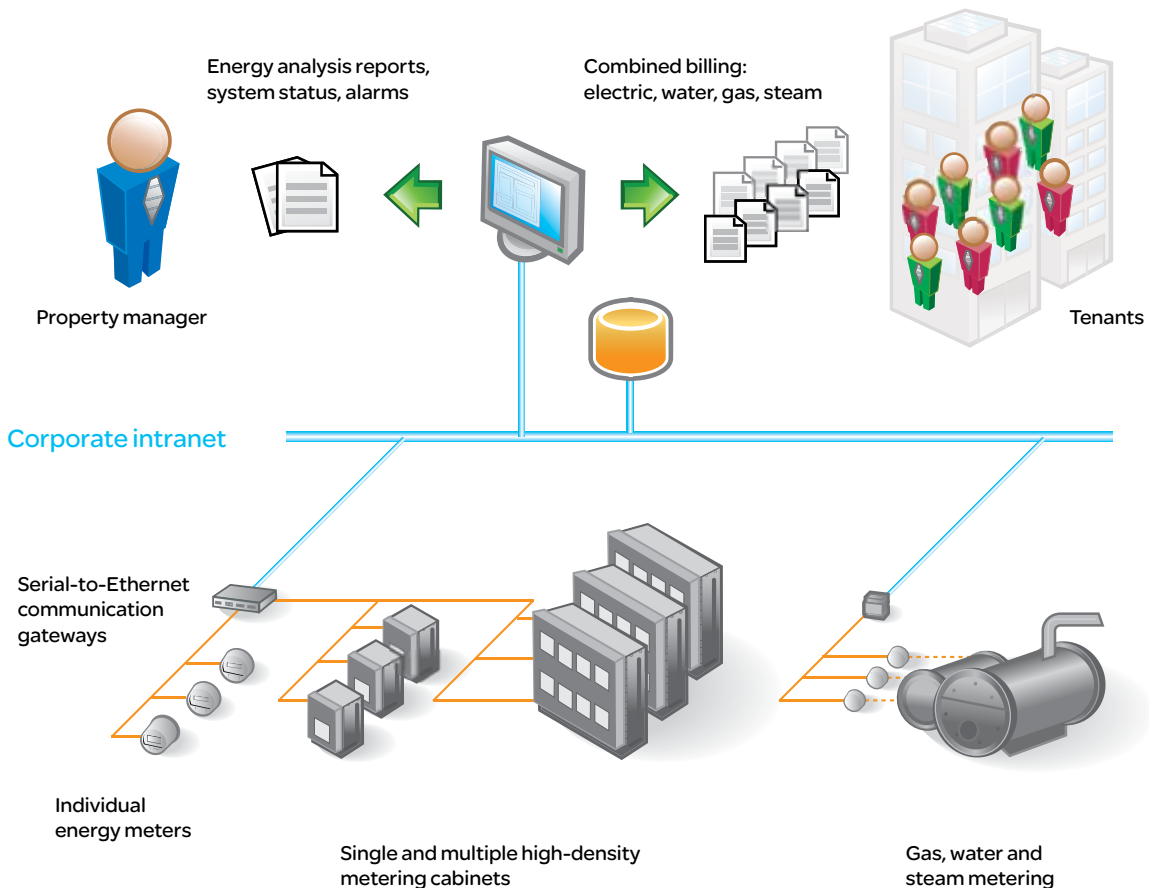
Customer Charge	Quantity	Total
Customer Charge		\$10.00
Cycle Peak Demand @ 04/01/2007 21:00	770.000	
On-Peak @ 04/01/2007 12:30	770.000	\$1,000,000 \$3,890,400.00
Mid-Peak @ 04/01/2007 06:15	770.000	\$1,000,000 \$3,320,400.00
Off-Peak @ 04/01/2007 21:00	770.000	\$1,000,000 \$3,320.00
Demand Charge	770.000	\$5,000.00
On-Peak	42.30000	\$1,100,000 \$1,253,880.00
Mid-Peak	36.37000	\$1,000,000 \$1,543,880.00
Off-Peak	32.14000	\$1,000,000 \$1,427,880.00
Energy Charge	196.77000	\$1,178,700.00
Total Electric		\$21,412.01

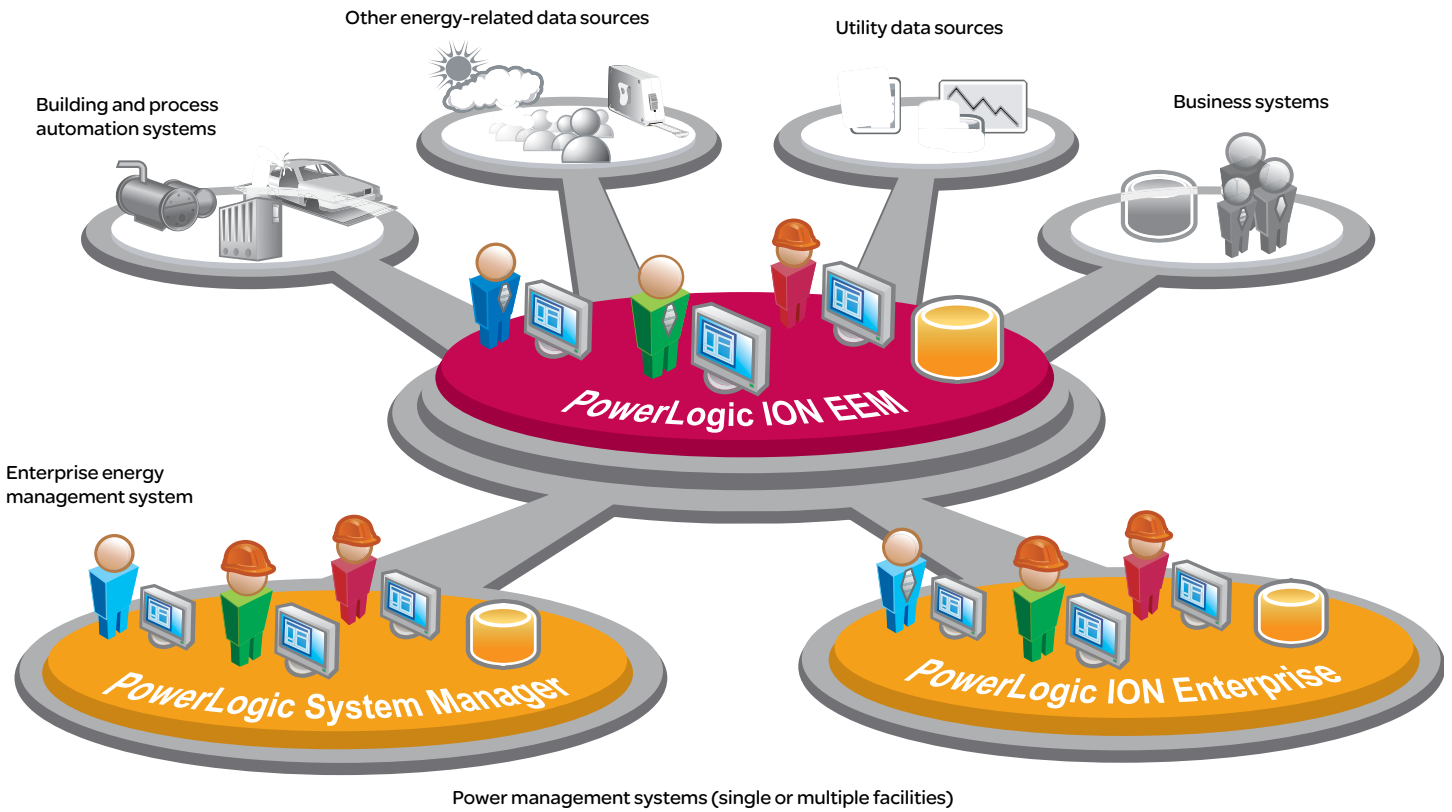
Steam Details:

Rate	Sample Steam Rate	Account ID	STORE_1	Number of days in bill	30
Period:	04/01/2007 00:00 - 04/30/2007 midnight	Store #1	Shared Office - 80%		

Charges:

Customer Charge	Quantity	Total
Customer Charge		\$10.00
Usage Charge	4.4133000	\$1,000,000 \$49.72
Total Steam		\$49.72



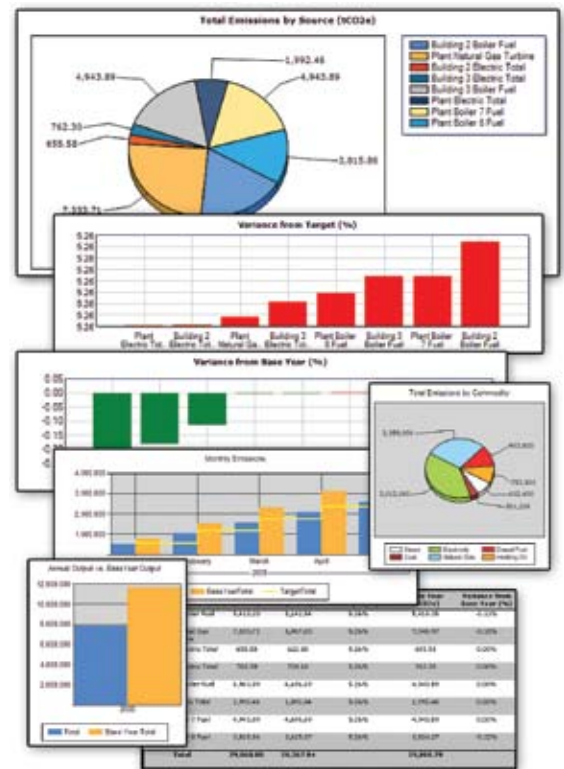


PowerLogic® ION EEM Enterprise Energy Management software - Expert Energy Analytics

Exceeds the limits of traditional energy management by uniting business and energy strategies. It provides actionable intelligence through targeted reporting and customized web-based dashboard interfaces that offer real-time management of electricity, gas, water and emissions through a unified interface. The software helps you view energy in financial terms and gain insight into the impacts of power quality and reliability. It benchmarks performance to reveal inefficiencies and risks. It then tracks the progress of your initiatives, verifying the results of equipment upgrades or other improvements. Emissions reporting helps you meet environmental goals.





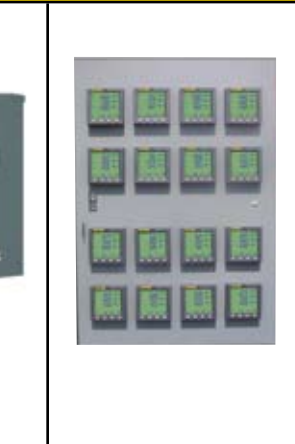
PowerLogic® ION Enterprise® Software and System Manager™ Software (SMS)

Real-time monitoring, alarming and power quality analysis help you avoid critical conditions that can cause equipment failures and downtime. The systems track consumption of electricity, gas and other resources and will break down usage by building, department or process. Historical trending identifies energy waste, unused system capacity and ways to extend equipment performance and life span. Dynamic control capabilities help you manage loads, generators or capacitor banks to reduce demand, avoid power factor penalties or to support participation in utility rate reduction programs.



ION EEM Enterprise Energy Management software

PowerLogic Submetering Products

Single and multi-circuit sub-meters						
<p>Manufactured for demanding electrical applications and supporting industry accuracy standards, they are excellent complements for your submetering application. Compact size combined with socket, panel and rail mount form factors, pre-assembled enclosures allow for easy spec and simpler, less costly installation in retrofits and new construction.</p>						
		Features	Energy Meter	Enercept®	E5600 Socket Meter	E4800 Multi-Circuit Energy Meter
Inputs, outputs and control power						
I/O (maximum)	1 output*		2 inputs/2 outputs	2 pulse inputs	Up to 32 inputs/32 outputs*	
3-phase / single-phase	■ / ■	■ / ■	■ / ■	■ / ■	■ / ■	
Number of circuits (maximum)	1	1	1	24	1 / 4 / 8 / 16	
Power supply	AC	AC	AC	AC	AC	
Power and energy measurements						
Voltage / current / frequency / power factor	■ / ■ / ■ / ■	■ / ■ / ■ / ■*	■ / ■ / ■ / ■	■ / ■ / ■ / ■	■ / ■ / ■ / ■	
Power / demand	■ / ■	■ / ■	■ / ■	■ / ■***	■ / ■	
Energy / time-of-use	■ / ■***	■ / ■***	■ / ■***	■ / ■***	■ / ■***	
ANSI energy accuracy class (% of reading)	1%	1%	0.2%**	0.5%*	0.5 / 1.0%+	
Communications						
Ports:	Ethernet 10BaseT	■****	■****	■****	■****	■****
	Optical			■		
	RS485	■	■	■		■
Protocols:	Modbus	■	■	■	modbus tcp	■
	Modem				■	

* when used with 0.3% revenue CTs class

** meets ANSI C12.1 standard

*** when used with software

**** available through ethernet gateway

+ Depends upon model

Note: E4800 is also available in a factory configured Square D IPC panel.

Enhance your PowerLogic® solution

Support or expand your PowerLogic solution with matched accessories and complementary products or systems. Integrate with other Schneider Electric products.

PowerLogic Web enabled communications

Access devices on downstream serial networks through fast *Transparent Ready*® Ethernet communications featuring customized web pages. Additionally, a remote terminal unit for transducer and equipment monitoring.

PowerLogic BCM and Branch Circuit Power Meters

Multi Circuit metering to monitor to 84 branch circuits of a high performance power distribution unit (PDU or remote power panel (RPP)).



ION7550 RTU



EGX 100/300



BCM



BCPM

Make the most of your energySM

Schneider Electric has the world's largest and most advanced range of software and meters for helping organizations understand and control every energy-related cost, risk and opportunity. For more information contact a Schneider Electric representative or distributor and let us help you align your business practices with government legislation, and discover new energy efficiency opportunities. Together we can help you Make the most of your energySM

Applications

- Demand Response and Load Curtailment
- Energy Cost Control and Allocation
- Operations & Maintenance
- Peak Demand Reduction
- Procurement Optimization
- Power Quality Monitoring and Analysis
- Power Availability and Reliability
- Tenant Sub-billing
- Utility Bill Verification
- Value-added Tenant Services
- Wages Monitoring

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