

Engineering Services

Trained experts to assist in your energy management needs

Benefits:

- Minimize project risk
- Maximize project success
- Reduce learning curve
- Maximize return on investment (ROI)
- Simplify project execution



Does your organization require assistance with your Power & Energy Management Solutions (PEMS) products or software?

Let trained Rockwell Automation Application Specialists assist you with any of your Energy Management needs.

Rockwell Automation Application Specialists have the knowledge and skills to assist your organization to maximize the effectiveness of your Energy Management system. These services combined with Allen-Bradley® hardware and Rockwell Software® will provide your organization with a complete Energy Management solution.

Engineering Services can be used for:

- RSEnergyMetrix® or RSPower™ Software installation and configuration
- Powermonitor™ installation verification and configuration
- Energy Monitoring system specification and design
- Rate tariff analysis and shadow billing
- Portable power monitoring
- 3rd party device configuration and interface programming
- Software training
- Start Up assistance
- Energy consulting services
- Facility energy savings analysis
- Other PEMS Engineering Services

The collage includes:

- Hardware units: Several black power monitoring devices of different sizes.
- Software interfaces: Screenshots of the RSEnergyMetrix web application showing data graphs and a detailed electrical billing report.
- Electrical data: A waveform graph showing current (A) and voltage (V) over time, with RMS and THD values.
- Billing report: A detailed 'Mwauke Electrical Billing Report (Bart)' with a table of charges.

Energy Charges	Quantity	Rate	Charge
On-Peak Energy	429,396.5 kWh	0.04421	\$17,803.05
Off-Peak Energy	474,336.9 kWh	0.0207	\$9,819.28
Interim Fuel Adjustment	429,396.5 kWh	0.008937	\$3,824.56
Subtotal:			\$31,446.89

Demand Charges	Quantity	Rate	Charge
Max Demand	3,530.2 kW	10.35	\$36,508.00
Subtotal:			\$36,508.00

Customer Demand Charges	Quantity	Rate	Charge
Customer Demand	3,530.2 kW	1.85	\$6,530.95
Subtotal:			\$6,530.95

Primary Metering Discount	Quantity	Rate	Charge
2.5% Discount on Energy and On-Peak Demand Charges	77,690.7 \$	-0.025	(\$1,942.27)
\$0.22 per kWh Discount on Customer Demand	3,530.2 kW	-0.22	(\$776.05)
Subtotal:			(\$2,718.32)

Customer Charges	Quantity	Rate	Charge
Daily Customer Charge - \$7.3973 per Day	31.0 Day(s)	7.3973	\$229.32
Non-Resale Customer Charge	0.0	110.96	\$110.96
Subtotal:			\$340.28

Contact your local Rockwell Automation distributor for more details or an Engineering Services quote for your application needs.

Catalog Number	Description
1400-SRV	One Day of PEMS Engineering Services
1400-TRV	Travel Charge for PEMS Engineering Services

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