

Industrial Sub-Metering



Data-Driven Energy Management

The Industrial Sub-Metering service assists in discovering energy reduction opportunities, provides an actionable plan to reduce energy use, rewards you with rebates and saves money on energy bills.

Every manufacturing process uses energy uniquely. Find your hidden energy-saving potential through data-driven energy management and continuous improvement processes. Consumers Energy Industrial Sub-Metering service provides a free assessment of your processes, a free 6-point sub-meter and a web-enabled dashboard to track your energy use and savings from your energy initiatives.

Minimize production waste and maximize productivity:

Incremental operational improvements can save your business an average of 5-8% on energy, often at little or no cost to you. See how you can:

- Eliminate an energy intensive process
- Optimize compressed air production
- Improve shutdown practices and curtailment efforts
- Adjust temperature, pressure or speed of process equipment or systems

Industrial Sub-Metering service:

1. Eligibility	Consumers Energy electric and/or natural gas industrial customers that use more than 2,600 MWh/year or 30,000 Mcf/year are eligible to participate.
2. Site Assessment	Consumers Energy will collaborate with you to evaluate processes and operations for energy-saving opportunities and issue a report summarizing the potential Process & Operational Efficiency Measures (POEMs), at no cost to you.
3. Implementation	Select the POEMs you wish to initiate, develop an implementation plan and enable secure data transfer to Consumers Energy. Energy and production data or other key metric trends are used to create an energy model and energy savings are calculated.
Rebates	Verified electrical energy savings are paid out at \$0.05/kWh and natural gas at \$6.00/Mcf up to \$120,000 per facility.

Industrial Sub-Metering dashboard:

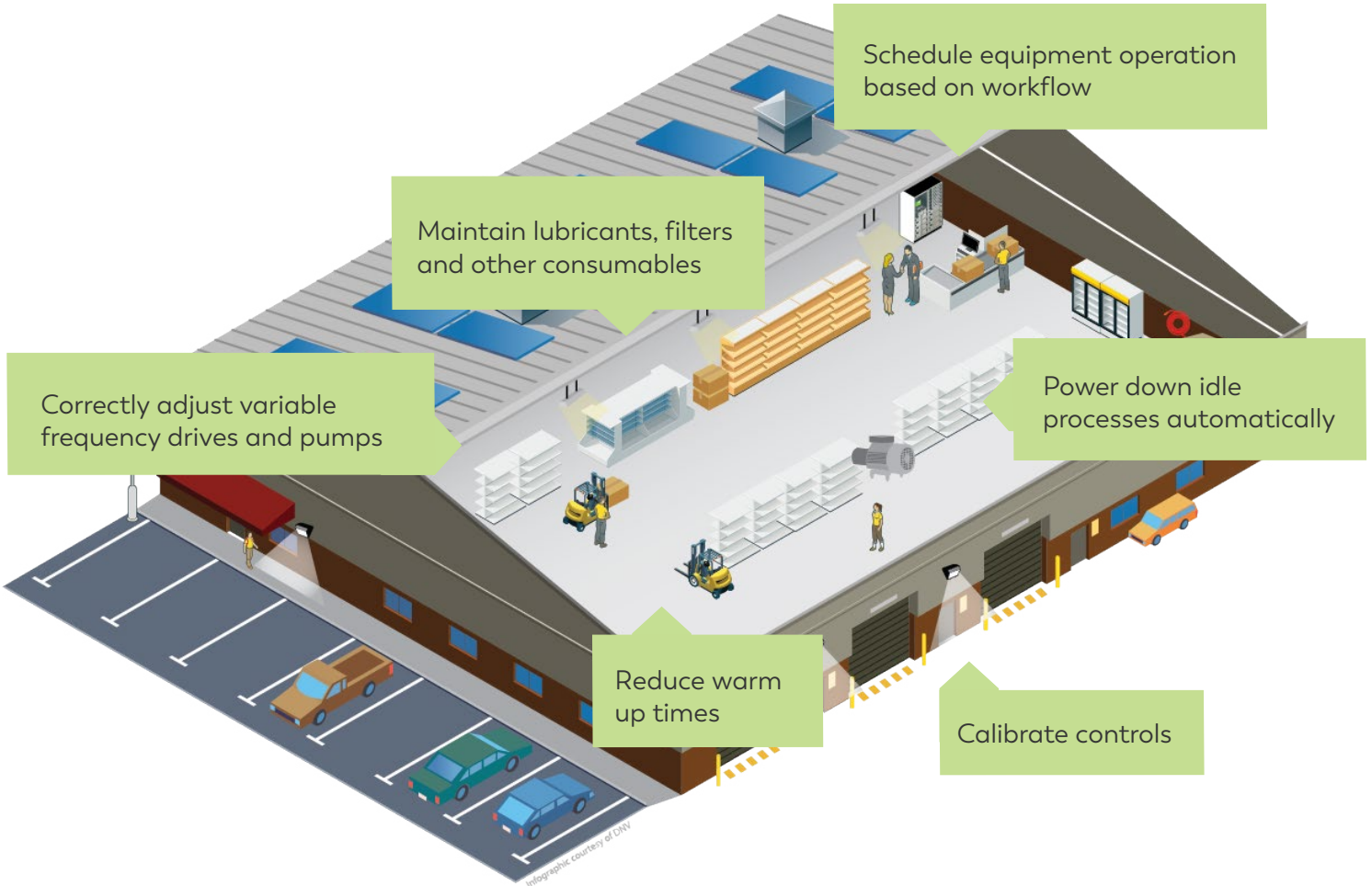
The dashboard displays various energy metrics and trends. Key components include:

- Energy use indicators:** Gauges showing Main Elec kWh for the period 04/10/2019 20:00 - 04/10/2019 20:01, with values of 110.7.
- Track energy use:** Summary cards for 'TOTAL CONSUMPTION LAST MONTH' (188,408 kWh, -4.64%) and 'TOTAL CONSUMPTION THIS YEAR' (1,743,500 kWh, -25.2%).
- Actual Readings:** Cards for 'ACTUAL READINGS THIS QUARTER' (216,736 Readings, -96.8%) and 'ACTUAL READINGS THIS YEAR' (20,021,938 Readings, -25.3%).
- Real time energy use:** An interval chart showing kWh over time, with a legend for 'Main Meters Main Elec kWh (kWh)' and 'Main Meters Main Elec kWh (kWh)'.
- Multi-variant linear regression models:** A table listing 'FROM TIMESTAMP', 'MAIN METERS MAIN ELEC kWh (kWh)', and 'MAIN METERS MAIN ELEC kWh (kWh)' with corresponding values.

Ready to start saving?
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Typical Industrial Sub-Metering Recommendations

Understanding and implementing the energy efficiency opportunities in your business can enhance process operations and reduce energy use.



We Are Here to Help

The biggest challenge in reducing energy use in your business is knowing where to start. Consumers Energy is here to help.

The Industrial Sub-Metering energy efficiency team will guide you, providing a simplified, hassle-free process.

Get started on your rebates today by contacting Erin Keller at erin.keller@cmsenergy.com or 877-607-0737 ext. 80647.

