Transform Your Energy Challenges Into Opportunities:

In today's competitive manufacturing landscape, energy efficiency is crucial. Here are three common challenges businesses face:

- Rising energy prices and increasing demands to reduce carbon emissions are putting significant pressure on your bottom line.
- The need to monitor energy consumption and costs of energy-intensive assets across multiple production lines.

ESCALATING
ENERGY COSTS

- Difficulty in identifying energy waste, such as idle or peak periods, while striving to increase operational efficiency.
- Inefficient processes leading to higher operational costs and reduced profitability.

IDENTIFYING ENERGY
INEFFICIENCIES

- Lack of real-time data on energy consumption, associated costs and CO_2 emission.
- Proactive management of energy consumption is hindered by limitations in monitoring and analyzing energy usage across operations.

LIMITED VISIBILITY
INTO ENERGY USE

EMERSON

Emerson Energy Manager is a ready-to-go hardware and software package that monitors energy usage in real time. It identifies opportunities to maximize energy efficiency, reduce energy costs, and lower CO_2 emissions. This application can be also used in conjunction with our existing Compressed Air Manager solution, giving you a scalable, comprehensive view of your energy and utility consumption from the Floor to the Cloud.

Seamless Integration

- **Pre-engineered Solution:** Includes hardware, software, and optional energy meters.
- **Quick Integration:** Easily integrates with existing or new electricity meters.
- **Cost-Efficient:** Reduced start-up time and commissioning costs.
- **Familiar Look & Feel:** Makes it easier to learn how to monitor utilities.
- **Scalable Approach:** With a single license, easily scale from 10 to 50 endpoints. Start with one machine, asset, or production line to prove ROI and expand.

Proactive Insights

- **Real-Time Dashboard:** Dashboards display asset-specific data in real time, including power demand (kW), energy consumption (kWh), energy cost (local currency), associated CO_2 emissions (kg), voltage (V), and frequency (Hz).
- **Identify Inefficiencies:** Determine machines or processes that consume excess energy.
- **Process Visibility:** Proactively monitor energy use in energy-intensive operations.
- **Trend Chart Analysis:** Support production planning and scheduling during off-peak hours.
- **Enhance Insights:** Capable to be combined with Emerson Compressed Air Manager providing greater utilities insights.

Improved Efficiency

- **Reduce Energy Costs:** Make operational changes through energy usage analysis.
- **Demonstrates ROI:** Unlock 10-30% in energy savings with proactive measures.
- **Operational Efficiency:** Optimize energy consumption with real-time monitoring.

Operational Efficiency Increase
5 - 10%

Sustainable Savings

- **Sustainability Goals:** Reduce environmental impact and comply with regulations.
- **Knowledge Gap Fill:** Addresses workforce and expertise shortages.
- **Equipment Longevity:** Extends the life cycle of your equipment.

Emissions Reduction
15 - 30%
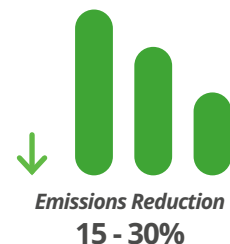
Contact Us

Get Started Today! Contact an Emerson expert for a consultation and discover how our Energy Manager solution can transform your business.

For more information on the Energy Manager scan the QR code

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