

Real Time Energy Management + Tenants Program



Transform the way you manage, consume, and buy energy

An Indispensable Platform

Real Time Energy Management (RTEM) is an indispensable data platform for buildings to stay on the cutting edge of CRE technologies, such as wireless IoT sensors, wellness measures, grid resiliency, and grid interactivity. The value of new data is multiplied by cloud-based analytics, allowing owners and operators to consistently deliver a healthier, comfortable, and more efficient environment for tenants.

Ongoing Energy and Operational Efficiency

RTEM data, analytics, and services continuously find and prioritize efficiency measures, freeing operators to become more productive, realize energy savings, and decrease tenant complaints. Capital assets are optimally maintained, reducing downtimes, extending equipment life, and delaying capital outlays.

Engage Your Tenants

Support your tenants with their sustainability, health, and wellness missions—leverage RTEM to help tenants access data about environmental quality, space usage, or comfort conditions in real-time. Collaboration increases tenant satisfaction and retention.



Increase Performance and Save on Energy



NYSERDA will cost share up to 33% of your overall RTEM expenses and provide you with the tools and support you need to reap the benefits of building performance optimization, including tenant energy use optimization. Your business can save up to 15% to 30% a year on energy.

Improve Operational Efficiency



RTEM solutions can pinpoint a building's operational inefficiencies, identify energy conservation measures, and help justify capital improvements. Ultimately, the technology creates an ongoing measurement and verification tool to improve the asset management of your occupied spaces.

Get Smarter by the Second



From live energy usage patterns to seasonal fluctuations, RTEM systems are designed to create the highest performing spaces. RTEM continuously makes a building's environment more efficient, productive, and comfortable. The longer an RTEM system is in place, the smarter it becomes, empowering you to make better informed, data-driven decisions.



RTEM systems come equipped with powerful features and capabilities to create high-performing building environments.

- **Fault detection**—an advanced feature that detects abnormal energy consumption in a building and helps avoid energy spikes and expensive equipment failures
- **Fault diagnostics**—powerful software that continuously analyzes energy usage and equipment data to identify issues and opportunities to optimize performance
- **Predictive analytics**—combines data mining, statistics, modeling, and forecasting intelligence to analyze current energy data and make predictions about the future
- **Performance optimization**—energy usage is continuously analyzed throughout an entire building to ensure each space is optimized to its fullest potential

The Smarts Behind the Data

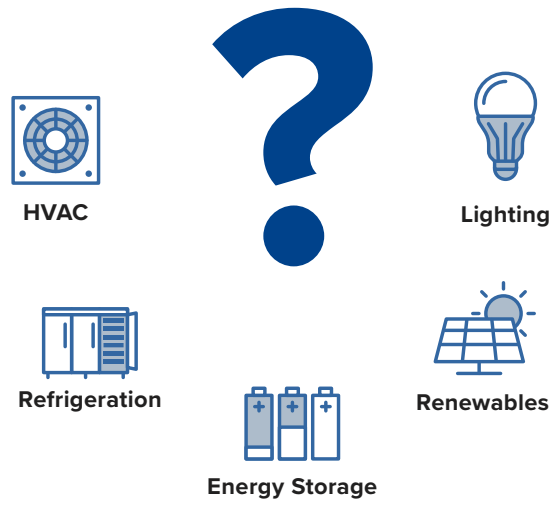
Too much data can be intimidating. An RTEM system makes data and analytics more approachable and manageable by putting them into one place. The result? A high-performing indoor environment and a competitive advantage in a rapidly evolving market.

The standards for building operations are changing and getting smarter. Don't get left behind.

The Future is Energy Management

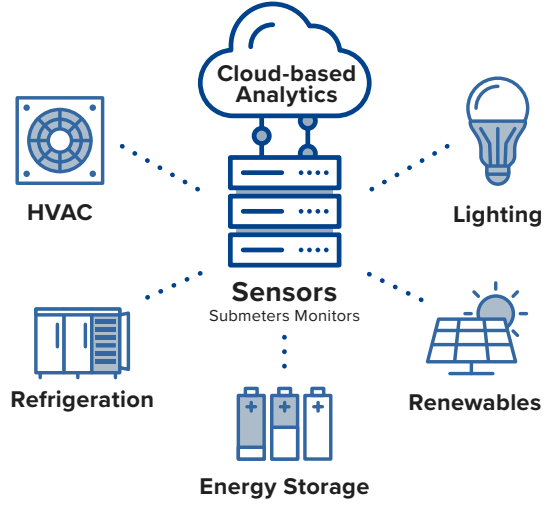
Conventional Utility Meter

Utility bills lag 30–60 days



Cloud-Based Metering

Real-time consumption data



Ready to get started?

Connect with a NYSERDA-qualified vendor at nyserderda.ny.gov/RTEM

If you have questions or need support, reach out to rtem@nyserderda.ny.gov

SCAN ME

