Take Control of Your Energy Costs with EnerNOC’s Energy Intelligence Software

Energy is a major operating expense for most organizations, yet few managers and financial decision makers have the tools they need to understand what is driving their monthly energy spend and overcome the complexity of managing energy effectively.

With EnerNOC’s energy intelligence software (EIS), businesses can:

- Get the best price for energy
- Streamline compliance with regulations, such as ENERGY STAR, GRESB, CDP or ISO 50001
- Dramatically reduce the time spent tracking accruals, managing budgets, and updating forecasts—while improving accuracy of those reports
- Evaluate the relative efficiency of different buildings, plants, or production lines—and the teams responsible for running them
- Break down organizational silos and promote communication to ensure all stakeholders—from plant managers to employees to procurement—have access to the right data to drive operational efficiency
- Establish and enforce energy policies, such as start-up procedures or weekend setback protocols

Get the Best Price for Energy

Every business has to buy energy—whether it’s from a utility or in a deregulated market. And given the complexity of tariffs and supplier contracts, it’s next to impossible to know if you are paying the best possible price. With EnerNOC’s EIS, you can leverage our expertise and our online auction platform, which includes forward, reverse, and blind auctions, creating a highly competitive and transparent marketplace. Unlike traditional consultants that might have relationships with a select handful of suppliers, EnerNOC has a robust network of more than 500 participants. With so many active participants, auctions effectively increase margin pressure on suppliers, directly translating into lower costs for you. Further, whether you are looking to secure the best supplier contract or better understand how your tariff is impacting your energy costs and what you can do about it, EnerNOC’s tools and energy experts can ensure that you aren’t overpaying for the energy you need to run your business.
Create Better Budgets and Track Accruals
There’s nothing worse than getting surprised by a big energy bill that wasn’t in your original forecast. EnerNOC’s EIS streamlines budget development and management, tracks cost accruals before the end of a billing period, and manages your exposure to real-time energy prices.

Say Goodbye To Spreadsheets
Take data out of spreadsheets and make it accessible by other back-office financial and operational systems that are required for better planning. EnerNOC’s utility bill management (UBM) software streamlines management of your utility bills and provides extensive online energy tracking and trending capabilities. Studies show that 2% of bills contain errors, and our UBM software provides improved bill transparency to help you track cost figures and potentially identify outliers and mistakes.

Reduce Time Spent Reporting
Demand for energy reporting is increasing—whether it’s requirements to comply with ENERGY STAR disclosure policies, investor interest in standards such as GRESB and CDP, or internal KPI tracking. EnerNOC’s EIS gives facility managers, energy managers, and operations staff the real-time visibility they need to understand the big picture: trends in energy consumption, how weather impacts energy usage, what processes increase carbon impact, etc. Plus, with automated ENERGY STAR reporting and a pre-built library of analytics and reports, less time is spent manually compiling data for other stakeholders.

Optimize Building Performance for Maximum ROI
Facility managers and operations staff know their buildings inside and out, but often lack the time and resources to fix known problems or effectively prioritize which projects to tackle first. EnerNOC helps overcome this lack of data and access to capital to fix what’s broken by providing visibility into the biggest savings opportunities—translated into real dollars. Armed with this information, the person that controls the purse strings is more empowered to make decisions that impact the bottom line.

Tame Peak Demand Charges with Day-Ahead Notice
Savvy energy managers know that you pay not only for how much energy you consume (kilowatt-hours), but also for your peak demand (how many kilowatts need to be “reserved” for you to meet your power needs when you’ve got all systems running full tilt). In some tariffs, this can be a variable expense that can comprise 30% or more of your bill. EnerNOC connects your real-time consumption data with a robust utility tariff engine, providing you the visibility you need to adjust your operating schedules to avoid costly peak demand charges. EnerNOC’s software can also forecast new system and facility demand peaks, giving you day-ahead notification of when peaks are likely to occur—and quantifying the amount of money you stand to save by taking action.

Understanding Energy Cost Drivers
Unlike most commodities, energy costs aren’t simply a function of price x quantity. A third dimension, when you use energy, can add increased complexity. And to yield maximum value, savvy energy managers and financial decision makers manage all three cost drivers holistically:

**How you buy energy:** Buying energy isn’t as simple as paying a monthly bill. Did you get the best price? Are you exposed to market risk? How are you performing against your budget? Is your utility bill even accurate?

**How much you use:** The cheapest kilowatt-hour is the one you don’t use. Are your facilities or processes operating most efficiently? Are you using more energy than you need to achieve your business goals?

**When you use energy:** Not every kilowatt is created equal. Are you able to shift your operations to take advantage of lower cost times to use energy? Do you have the operational flexibility to turn your willingness to use less into a revenue stream?
Get Paid to Use Less When It Is Needed Most
Demand response (DR) programs pay large energy consumers to reduce at times when the grid is stressed, a shortage of available supply exists, or when real-time prices for electricity are sky-rocketing. EnerNOC's comprehensive suite of tools supports DR programs worldwide. Our software provides real-time visibility into demand response dispatch performance in intuitive dashboards and clearly outlines the financial impact of an organization’s participation in demand response. Our demand response network is supported 24x7x365 through our Network Operations Center (NOC), which administers and monitors more demand response programs than any other control center worldwide. This combination of software and professional services ensures that you’re maximizing your demand response revenue opportunity, which can then be used as a funding mechanism for further energy efficiency investments.

“There would have been no way without EnerNOC’s software to see what was going on. I mean, I could have guessed at a whole lot of things and crossed my fingers, but honestly, I can’t imagine running this place without it.”

Phil Watson, Chief Engineer, Great Lakes Cold Storage

The EnerNOC Difference
EnerNOC’s energy intelligence software is a secure, web-based Software as a Service (SaaS) solution, ensuring you automatically have access to the latest and greatest versions without time-consuming and expensive downloads. The software is available at four subscription levels: Basic, Standard, Professional, and Industrial.

Unlike other solutions, EnerNOC’s EIS is:

• **Hardware agnostic:** Our gateway devices collect data from anywhere; no hardware favorites. We can find savings from data in existing systems, bills, meters, BMSs, and more.

• **In the language of business:** kW and kWh don’t translate into bottom-line results for your business—dollars do. EnerNOC’s software puts energy into dollar terms, allowing you to accurately track budgets, understand the business impacts of your operating decisions, and best allocate capital for improvements.

• **Powered by data-driven analytics:** Tens of thousands of sites streaming energy data and more than 1,000,000 bills processed annually means that EnerNOC has unrivaled visibility into how the world uses energy. This experience translates directly into powerful algorithms that deliver results.

• **Fully integrated:** EnerNOC’s EIS gives visibility into all three energy cost drivers in one platform.

• **Self-funding:** Demand response and support for on-bill financing enhance the already-compelling ROI for EnerNOC’s software.

• **Global:** EnerNOC has the ability to support global enterprises with access to more demand response programs in the world than anyone else and the ability to process bills in over 100 countries, powered by 200,000 unique tariffs.
EnerNOC’s Energy Intelligence Software

EnerNOC’s energy intelligence software and services for enterprises focuses on the three energy cost drivers and is available in Basic, Standard, Professional, or Industrial subscription packages.

How You Buy It

Budgets and Procurement
- Develop accurate energy budgets
- Track cost accruals before the billing period ends
- Manage exposure to real-time prices
- Procure energy through competitive auctions

Utility Bill Management (UBM)
- Collect historical utility bills
- Track trends in utility usage and cost
- Discover and report billing errors
- Streamline accounts payable

How Much You Use

Visibility and Reporting
- Track trends in energy use and carbon impact
- Visualize real-time energy data to understand consumption patterns
- Automate ENERGY STAR reporting
- Disaggregate and track actual consumption and demand costs

Facility Optimization
- Benchmark and compare facilities
- Analyze meter data to identify cost saving opportunities
- Prioritize actions across a portfolio

Project Tracking
- Track the impact of measures

When You Use It

Demand Response
- Earn revenue to fund your energy projects
- Measure and manage demand response event performance
- Track payment history

Demand Management
- Alert on demand thresholds
- Quantify cost impact of demand peaks
- Forecast new facility and system peaks
- Alert on real-time and day-ahead index prices

For more information, visit enernoc.com or email info@enernoc.com.
Catch up on the latest best practices in energy management on our EnergySMART blog, energysmart.enernoc.com.