

ENERGY-LOAD PROFILER
AUTOMATE ENERGY SAVINGS

ENERGY-LOAD PROFILER GIVES YOU THE POWER TO DRIVE ENERGY COSTS DOWN.

A smart energy cost control plan is built on accurate, in-depth data and analysis. Automated Energy provides you with a solution for success.

Over 50% of all energy savings efficiencies can be made without expensive retrofits and upgrades to infrastructure. For example, inadequate HVAC scheduling accounts for 20% of energy savings. Which buildings? What start and shut-down hours? Energy-Load Profiler identifies those opportunities precisely, as well as identifying others.

BENEFITS OF ENERGY-LOAD PROFILING

Reduce Energy Costs

- Identify wasteful energy operations immediately
- Identify failed or overridden energy control systems
- Receive notifications that you are on track to meet energy goals.

Increase Tenant Satisfaction

- Maintain efficient comfort levels for tenants
- Pass along energy savings and increase tenant retention
- Improved energy efficiencies make for a more environmentally friendly building

Improve Building Operations

- Identify and set energy savings goals
- Provide timely notification of goal performance
- Give building operators the tools to quickly identify problems

Easier Energy Management

- No need to purchase, install and support software
- Access to energy load profiles from anywhere using a browser
- Future service applications installed and upgraded online automatically

"We began using Automated Energy's commercial load profiling application and realized a \$40,000 in savings on our energy utility bills in the first two years of the program. The web based application offered by Automated Energy allowed me, as a facility manager, to gain a better understanding on how to manage my air handlers and lighting within each school. The program was easy to learn and was helpful from day one!"



Rob Stafford
Resource Energy and Conservation Manager
Thompson School District
Loveland, Colorado

Seize the power to reduce costs by pinpointing opportunities to eliminate wasted energy.

Minimize energy costs and maximize efficiency with integrated monitoring and energy analysis services from Automated Energy. Our Web-based Load Profile Tracking technology gives you precise, streaming energy usage and service performance monitoring, 24/7/365. Our online applications generate reports and load profiles for any individual meter or aggregate of meters you choose, for any date or date-range. Automate comparison reporting via email or SMS. Predict required loads correlated to forecasted weather, based on tracked history of each. Be notified of energy consumption anomalies with defined levels of variance and pre-set levels with alert options.

With Automated Energy as your application software provider (ASP) for energy management, your enterprise has access to the latest energy technology and applications online. We coordinate ongoing support, maintenance and application upgrades, all delivered to you online.

Track progress. Get a rolling analysis with live data to ensure goals are met.

Energy-Load Profiler can contribute to your green initiatives such as: carbon footprint calculation based on energy consumption, measuring points for LEED Certification, demand side management (DSM), and performance analysis.

You receive multiple solutions for one monthly fee.





HERE'S HOW COMMERCIAL OPERATIONS BENEFIT FROM THE ENERGY-LOAD PROFILER.

- Measure Performance** – Use the historical analysis tool to compare consumption against previous time periods. This will give building managers a instant and easy snapshot of how their facility is performing after making efficiency upgrades, behavioral changes, or simply measuring the impact of variables such as weather patterns.
- Manage Demand** - The daily update, slider bar, and on-point data analysis allow building managers to quickly pinpoint when peak demands occurred and associate costs with the increases. This will assist them in the decision-making process of demand-side management.
- Mitigate Rate Increases** - This tool is the only one of its kind that uses a comprehensive rate editor that allows building managers to better manage their energy bills. They can see the future impacts of changing rates, giving them the chance to be proactive in dealing with rising energy costs.

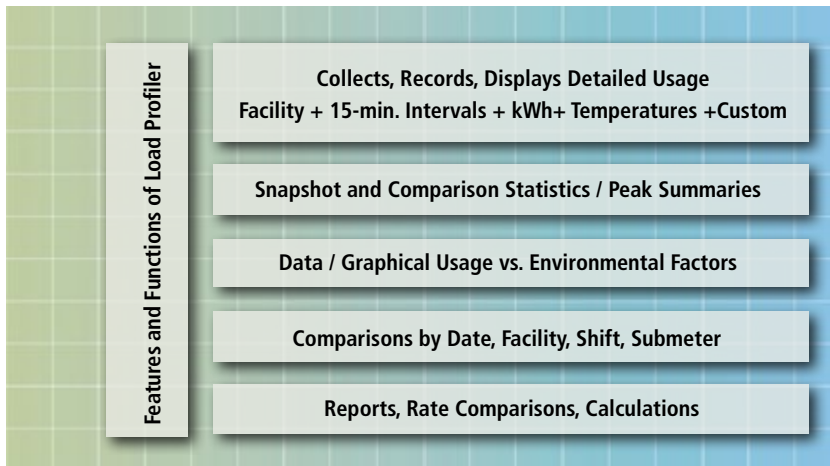
"We started benefiting from using the Load Profiler reporting almost immediately. We look for spikes in our energy usage and try to identify changes that we can make to eliminate them. The main thing that we've done is establish a procedure whereby at a certain time during the day we'll shut down the HVAC system and not turn it on until the next morning."



Lynn Hammond
Naylor Facilities Manager
Naylor, LLC, a publishing company in Gainesville, FL has used Load Profiler to cut its electrical bill by \$10,000 to \$15,000 per month.

LOAD PROFILER FEATURES:

- Web-based service
- Cost-effective for companies regardless of number of facilities
- Quick start-up
- Foundational tool for energy efficiency programs



With Energy-Load Profiler, the savings opportunities are obvious.

By taking load readings every 15 minutes, Energy Load Profiler identifies building systems that start too early. The blue profile illustrates the energy savings once the problem is corrected.

Similarly for weekends, an energy manager can detect that a control system is incorrectly commissioned or has been overridden.

Identifying incorrectly configured controls during heating and cooling transition periods can result in significant savings. In this case the system is set to come on and precondition the building even though outside air temperatures have fallen. Proper configuration of VAV controls presents a substantial opportunity for energy savings during these transitional periods.



Some of Our Current Customers:

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|--------------------------|-------------------------|
| Brookfield Properties | Brandywine Realty Trust |
| KBS | Cassidy Turley |
| CBRE | Sprint |
| Neiman Marcus | LBA Realty |
| CenturyLink | Crown Castle Realty |
| Grubb & Ellis | Price Edwards & Company |
| Integris Baptist Medical | Trizeck Properties |



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