

Controls & Smart Energy Metering

How can you expect to reduce or manage your energy usage if you don't have the right information to tell you where it's going and how it's being used? And most importantly, how accurately is your usage being measured?



You need an accurate sub-metering system.

Acorn's controls and sub-metering solutions provide you with accurate energy metering, sub-metering capabilities, real-time information, reports to help you deal with cost allocation issues and enable demand response reduction participation. For owners and operators of small and mid-sized

buildings, we can also help you monitor and control your lighting and HVAC systems to generate significant consumption reductions as well as cost savings.

Acorn can install them for you throughout your facilities.

Our team works closely with you to install sub-metering devices for all of your utility monitoring needs. We can measure electricity, natural gas, chilled water, compressed air and other forms of energy. We also install HVAC and lighting controls systems to ensure optimal comfort levels for occupants, while meeting your personal and national energy program goals. We don't just plan and study – we implement.

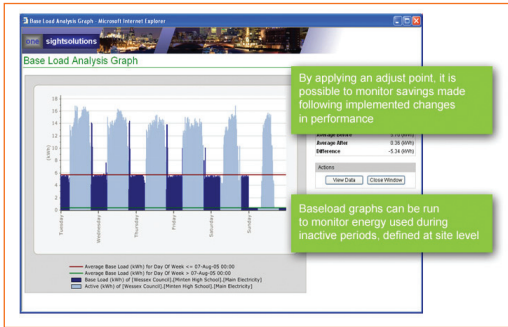


Energy end-use analysis puts you in control.

Acorn is recognised for its expertise in energy usage analysis. With a custom designed and implemented sub-metering system for your property, we can help you with cost allocation issues, enable effective demand limiting strategies, and allow you to accurately measure and verify the savings delivered through our other offerings, including retro-commissioning and lighting and infrastructure upgrades.

Do you want a true way to measure your energy usage?
Contact Acorn today to learn more.





Energy Metering

We evaluate the metering strategy and the quality of data available for breakdown of energy consumption by use. We identify weak spots in the metering and propose temporary or permanent meter installation to shed light into unidentified consumption patterns or irrational consumption patterns.

Benefits of our Metering

- A smart meter is an innovative and advanced meter that records electricity consumption in greater detail than a conventional meter.
- Fully web enabled solution
- Easy to use
- Modular product, so can be purchased to tailor specific needs
- Energy analysis – comprehensive analysis of data
- Financial Analysis – budgeting and cost analysis
- Reporting – Graphical and automatic distribution reports
- Data Exchange- Automatic import of data from loggers, BMS systems, spread sheets etc

Smart meters automatically record can be linked to a PC and Entergy suite to show total demand and provide energy analysis, we can interpret the information in graphical and tabular form

- Can translate electrical figures into real monetary values
- Real time energy usage, viewed remotely off site
- Exception Reporting – Automatic energy alarms by email or SMS
- Benchmarking – in line with government or defined standards
- Tenant Billing



Energy Dashboards

A social network for the buildings in which we live and work

The Acorn Building Dashboard Network enables people to view, compare and share building energy and water use information on the web. Watch real-time resource use data come to life with simple, beautiful graphics on profile pages designed specifically for buildings and organisations. An

expanding library of unique apps, and integration with third-party applications and websites make Building Dashboard Network a comprehensive and exciting new social network for buildings. It is the perfect way to connect with the Buildings BMS system.



Building Dashboard Homepage

Choose from an expanding library of widgets for your Building Dashboard homepage. Widgets make your most essential information front and centre, automatically summarising building performance for at-a-glance viewing. Remarkably compelling and fun to use, widgets also deliver more than just resource use data.



Interpretive Gauges

Real-time data just got a little more real-life. Spectacular animated gauges make resource use engaging, entertaining and very informative. Gauges are a way to visualise units of kilowatt-hours, BTUs and litres, or show carbon dioxide emissions, financial cost and more.



These comparisons are valuable tools for understanding and effectively managing building energy and water use. Rich with exciting features, apps make it easy to track and interpret trends in usage, create community-wide or indeed tenant comparisons (in multi-tenanted buildings), learn about building characteristics, participate in real-time energy reduction competitions and more.

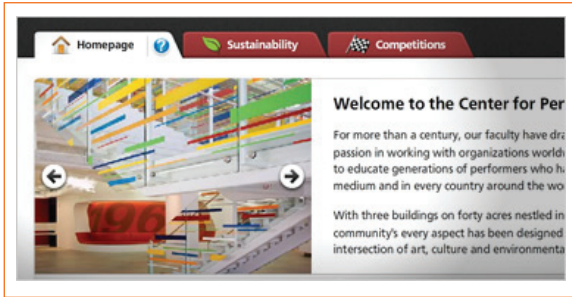
Customisable Energy Displays

Energy Displays provide a compact snapshot of building performance. As smaller versions of full-featured dashboard, and as unique mini-display themselves, simple and beautiful screens make checking into the dashboard every day even more compelling. Budgets, usage profiles, weather, video and other displays can be added to any profile.



Introduction messages

Greet new users of the dashboard with photo slideshows and welcome text. Building- and organization-specific introduction messages are designed for mission statements, instructions, sponsorship details and other information.



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