ENERGY MANAGER

As an Energy Manager or Energy Consultant, your business depends on controlling energy costs. The pressures for businesses to be environmentally responsible and the need to be more operationally efficient have never been greater.

CopperTree Analytics provides you with the tools to understand and communicate precisely how your buildings are performing, allowing you and your team to manage these assets with efficiency and peace of mind.

COPPERTREE ANALYTICS
Realize building potential

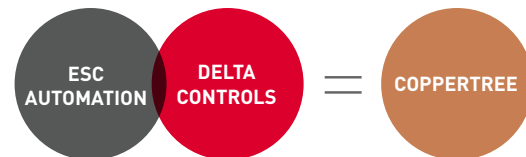# Find out how CopperTree can help you as an
ENERGY MANAGER

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CopperTree will help you reliably manage and report the energy used within your buildings, allowing you to take steps to **achieve operational savings** and **energy efficiency** improvements.

About CopperTree

CopperTree is the result of a joint venture between ESC Automation, one of North America's largest systems integrators, and Delta Controls, one of the world's largest independent Building Automation System (BAS) manufacturers and one of the original BACnet® innovators. CopperTree is founded on 30+ years of practical building automation experience.

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The International Energy Agency estimates that buildings represent one third of final energy usage. Making them more energy efficient can significantly help to achieve a more sustainable environment. Recent research* also shows there are measurable revenue benefits possible with the reduction in energy consumption and the improvement in operational efficiency.

* "Green Noise or Green Value? Measuring the Price Effects of Environmental Certification in Commercial Buildings", Franz Fuerst and Patrick McAllister, School of Real Estate and Planning, Henley Business School, University of Reading.
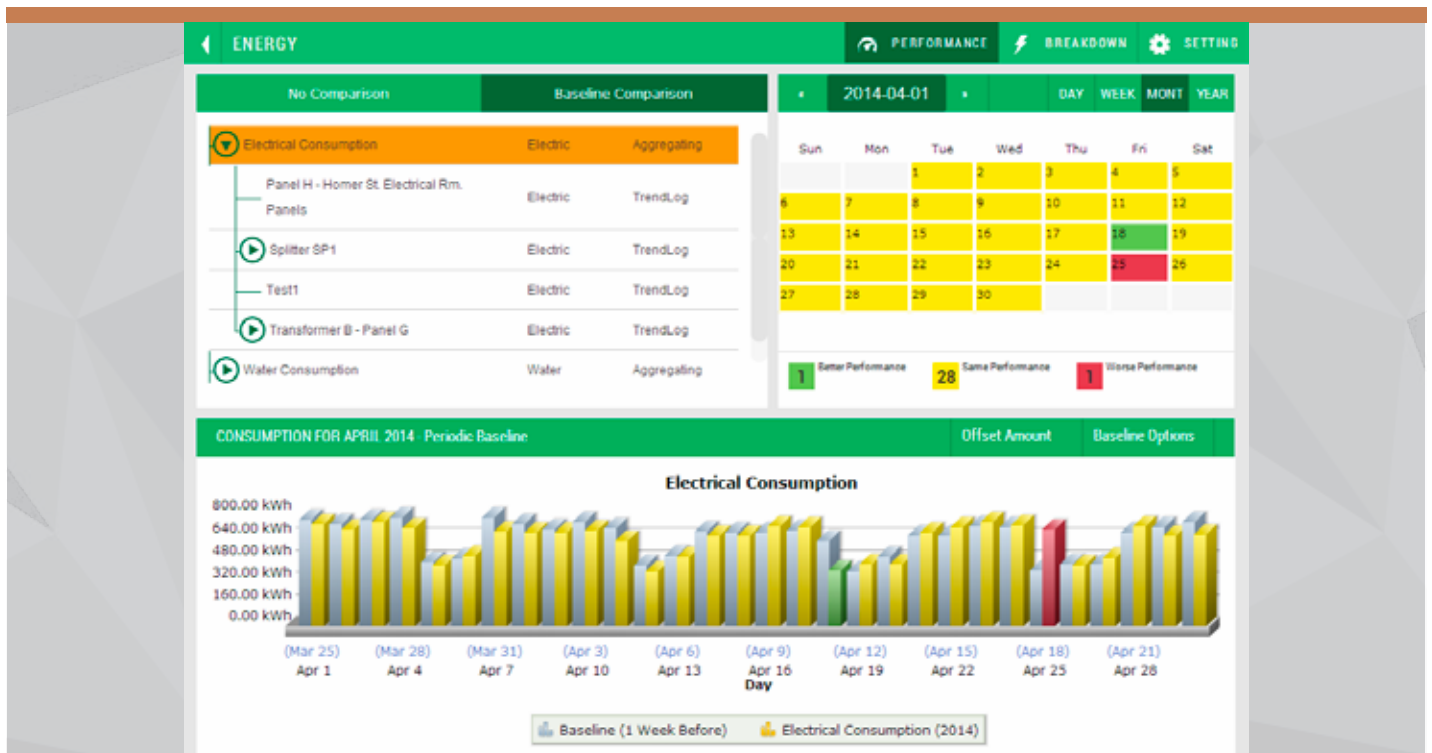
INCREASE ENERGY SAVINGS

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CopperTree Analytics provides Energy Managers and Energy Consultants with the tools they need to reduce energy usage in buildings. Kaizen can help target BAS improvements and give you ways to communicate the goals that can lead to behavioral changes.

GET THE DATA YOU NEED

Main electrical meters provide you with a general overview of your building's performance, but only by providing raw values. CopperTree builds in context and provides detailed analysis that allows you to drill down to the specific details you need from all of your building's energy data. Through weather normalization, temperature bin analysis, predictive modeling and graphical analysis, you can give your building's data more meaning. Whether you are monitoring a single building or managing a global real estate portfolio, let CopperTree provide real insight into your energy usage.

MEANINGFUL REPORTING

Accurate and timely reporting is essential; equally important is having that data presented so it immediately conveys the relevant information in a way that is easily understood. Key Performance Indicator (KPI) tracking and baseline comparisons provide all this in a single software package. This enables you to realistically track and communicate your building's successes and identify areas in need of improvement. Custom Energy Rules can be created to meet your specific reporting needs through the CopperTree Logic Builder.

IMPROVE ENERGY EFFICIENCY

COMPREHENSIVE METERING

In order to affect change you need to have reliable and timely data. CopperTree is able to provide a clear picture of your building's energy usage by integrating a variety of meters throughout your facility across all energy types.

Virtual meters

You can't control what you can't measure. Through Kaizen Energy, you can create a virtual energy meter on any device within your building for substantially less than the cost of a physical meter. By leveraging the existing BACnet® data within your BAS system, Kaizen Energy can even 'turn back the clock' and create historical energy data from your existing trend logs to use in your future energy management plans.
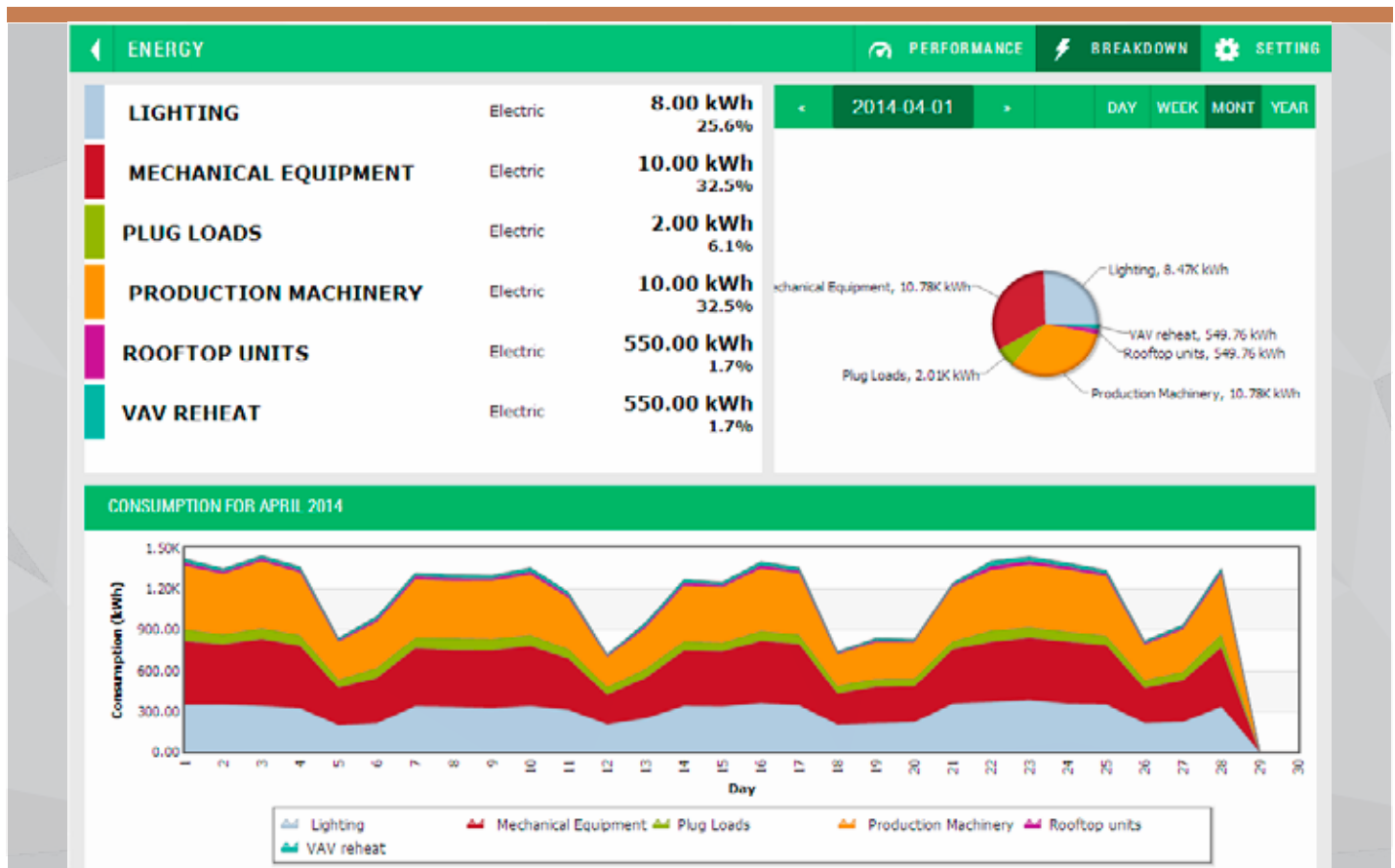
Kaizen Energy gives you the ability to add energy meters to any system from the largest central plant to a single VAV.
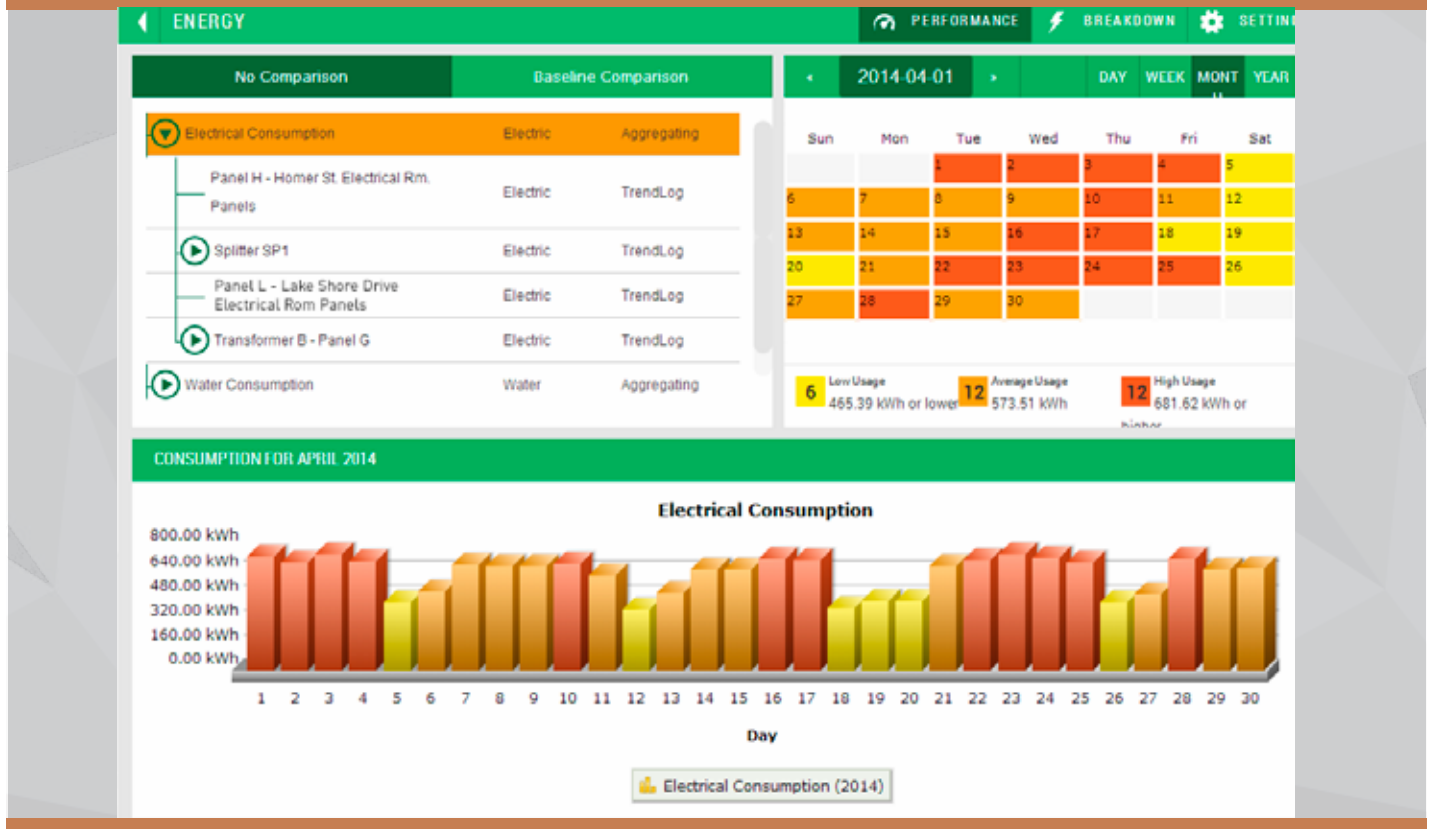
THE ANALYTICS YOU WANT

CopperTree comes complete with a robust analytic library that can begin to process your data immediately. While a 'one size fits all' approach is widely used in other energy packages, CopperTree understands that your needs are unique and you need an easily customized solution. Through the graphical Logic Builder interface, you can customize Kaizen's analytics to fit the parameters you need without requiring complicated programming or specialized software skills.

Data normalization

Get a clearer picture of your energy use through data normalization based on local weather, square footage occupancy or any other relevant variable. CopperTree Kaizen allows for normalization of your building's data through definable metrics that you input, as well as values measured from your BMS trend log data.

ENERGY CONSULTATION

As an Energy Consultant, you have a portfolio of different buildings that you are responsible for. You spend a great deal of time in data acquisition, analysis and reporting. Improve your workflow by being able to manage all of your sites and build customized reports from within the same interface.

Manage from anywhere, anytime

Cloud storage combined with web-based software allows you to stay on top of your job from wherever you happen to be. If you receive an alert from one of your buildings, you will be able to take immediate action and allocate it to the right people to resolve the problem before it escalates.

Demand management

Through the visual Logic Builder, set up automated alerts for when you are approaching your baselines and know the instant that your energy demand exceeds your limits. These alerts can be sent out to your email or mobile device as soon as they occur ensuring that you are always informed and able to act immediately. You can also combine local weather forecast data with your trended data to identify potential high demand periods before they occur.

CENTRAL MANAGEMENT MADE EASIER

With CopperTree Kaizen create your own dashboards to show all key KPIs, metrics and charts from across your entire portfolio on a single screen. Or build a view showing real-time data from a single building. Switch between different dashboards as quickly and easily as navigating a website. Kaizen fits your unique processes rather than you adapting to fit the limitations of other software packages.

Educate and inform

Changing behavior starts with education. Kaizen can be instrumental in informing building users about how their individual actions can affect their building's overall energy performance. Through the same customizable dashboard user interface, you can create interactive displays that showcase your building's efficiencies. Create friendly competitions between buildings, floors or even departments. By leveraging the power of Kaizen's comprehensive metering capabilities and real-time analytics, you can show your building's up to the minute total energy usage and encourage building users to strive for greater savings.

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At CopperTree, we have 30 years of practical energy and building management expertise behind us, allowing us to bring you a Software as a Service (SaaS) solution to help you start saving energy now. Our passion is to empower you to take charge by giving you the right tools to optimize building performance.

With CopperTree, you get more than just data presented back to you. Our system takes real time data and transforms this information into insight, unique to your building. This means you take back control of managing your resources – people, time and money – as you have the clarity you need to schedule the important and deal with the urgent in the most efficient manner.

We understand that energy and building management presents a challenging and dynamic problem. With CopperTree, you get all the information and insight you need in one single platform so you can be proactive in managing your building.

To find out what CopperTree can do for your building,
visit our website at www.coppertreeanalytics.com.

Or contact your local distributor now:

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