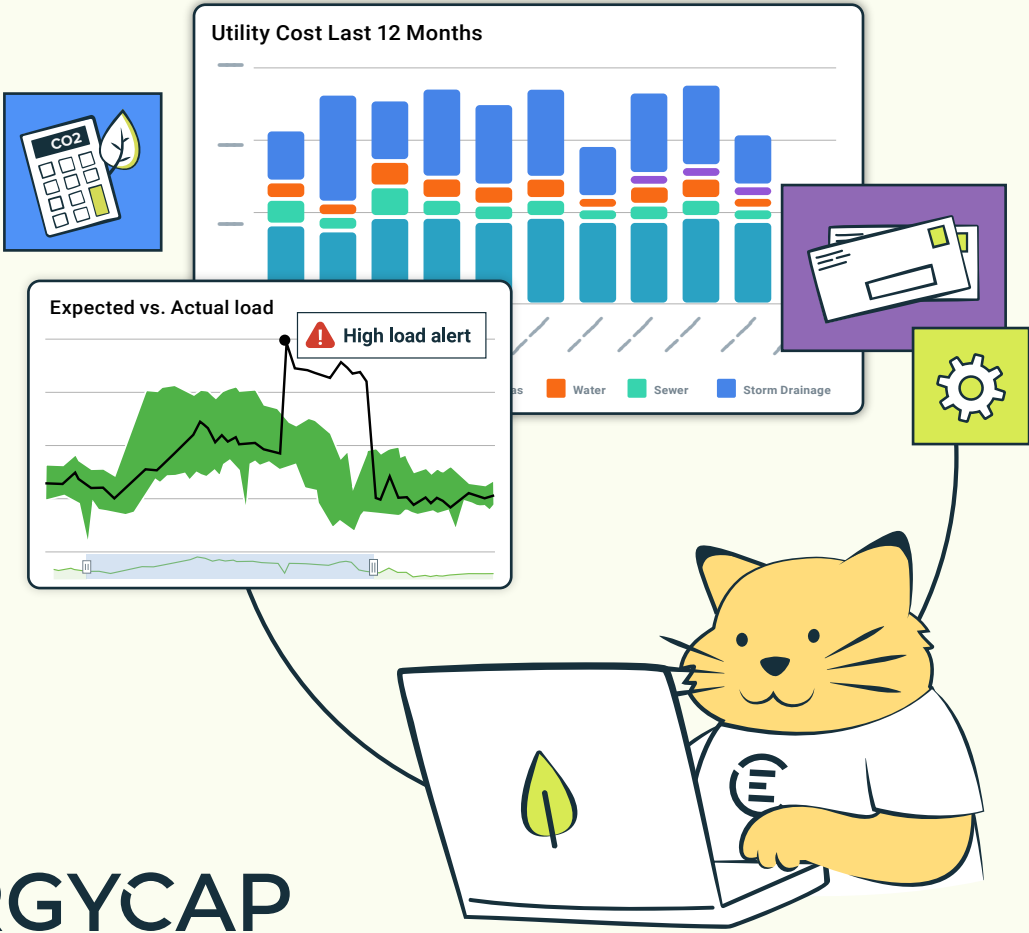


The Essential Guide to EnergyCAP



ENERGYCAP

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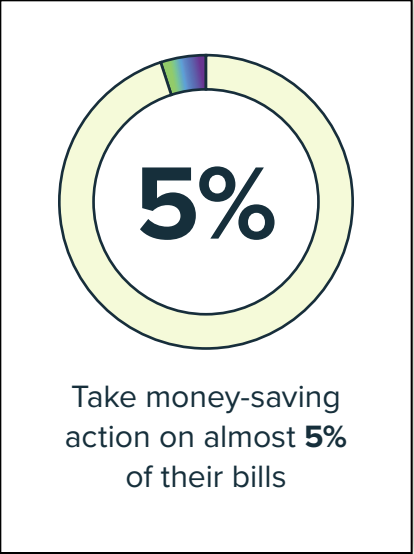
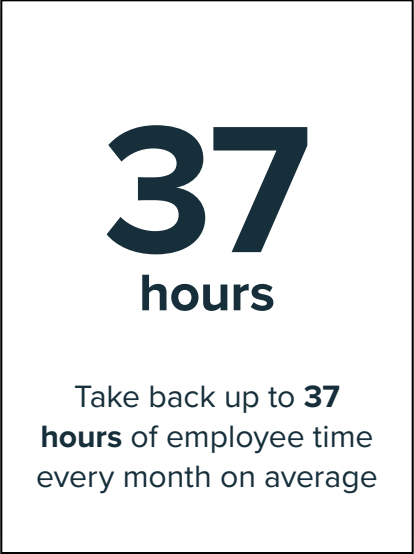
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Introduction

There are endless reasons why an organization might want to decrease their energy usage: budget, compliance, and environmental concerns are around every corner. At the highest level, organizations are focused on reducing their environmental impact and improving their bottom line. Energy managers, sustainability leaders, and finance teams are constantly juggling energy costs, conservation measures, and daily operations. A single source of truth for their diverse energy data streamlines processes, improves decision-making, and frees up valuable time.

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Energy management software is a powerful tool that can help achieve large organizational goals while simultaneously streamlining daily operations and empowering informed decision-making. EnergyCAP is the only financial grade energy and sustainability software that provides a comprehensive platform to do just that. After implementing EnergyCAP, most organizations:



Who we are

EnergyCAP has been driving energy cost savings, getting customers out of spreadsheets, and analyzing energy data for more than 40 years. Our software suite empowers energy, sustainability, and finance leaders with all the data necessary to reduce their environmental impact and drive cost savings through powerful analytics, streamlined processes, financial-grade reporting, and comprehensive utility bill management. Simply put: we strive to be the best solution on the market for utility, energy, and emissions data accounting, monitoring, and reporting.

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The foundation of EnergyCAP's product suite, **EnergyCAP UtilityManagement™**, offers portfolio-level energy and utility bill data management and reporting. Centralize all your energy data, from bills, meters, and directly from utilities, into a single platform. Built-in utility auditing ensures bills are accurate down to the penny without tedious, manual review, substantial costs are saved when billing discrepancies are automatically detected, and bills are verified and approved before seamlessly transmitting to your financial system.



For those who never want to touch a utility bill again, **Bill CAPture services** eliminates manual bill entry, and **EnergyCAP Payments** takes care of bill payments for you. Our foundational solution streamlines your energy accounting process, freeing you from tedious tasks like manual data entry, bill reconciliation, and payment processing. Instead of wrestling with spreadsheets and paperwork, you can focus on strategic initiatives like:



- ▶ **Acting on cost-saving opportunities.** EnergyCAP uncovers usage patterns and areas for optimization for you to take action on.

- ▶ **Evaluating your energy mix.** When you're no longer wrangling utility bills, you can spend your time exploring opportunities to incorporate renewable energy sources, choosing the most beneficial tariff structure, and shopping for the right energy providers.
- ▶ **Enhancing sustainability efforts.** Spend more time positively impacting your organization and the environment.
- ▶ **Focusing on strategic initiatives that drive better business outcomes.** Pilot new technologies, develop innovative solutions, and collaborate more with industry partners with the time and money EnergyCAP saves.



Monitor energy performance in real-time with [EnergyCAP SmartAnalytics™](#). Turn raw data into actionable insights when you analyze consumption and predict future usage, stop chasing energy data that is now on-call and at your fingertips, and act immediately with cost-saving performance alerts.



[EnergyCAP CarbonHub™](#) provides a comprehensive view of financial-grade, audit-ready carbon emissions data across your entire portfolio. Get a handle on your scope 1, 2, and 3 data, simplify reporting and stakeholder communication, and confidently pursue your decarbonization goals with audit-ready emissions data.

Key benefits

EnergyCAP serves customers in four critical ways:

1 Save time

Automate tedious tasks

Getting data into EnergyCAP is easy, freeing up staff for more strategic work. Adding **Bill CAPture Services** saves even more time, eliminating manual data entry completely. Utility bill accounting is a breeze with automatic bill audits, bill flags that highlight issues without searching, and built-in forecasting, accruals, and approval processes just to name a few. Automated reporting, visuals, and dashboards deliver insights to stakeholders without the time-consuming hunt for information or manually created assets.

Stop searching for data

A unified platform gives immediate access to energy, sustainability, and accounting teams alike. Keeping utility, sustainability, and carbon data in one central location eliminates time wasted searching for information across disparate systems.

Powerful analytics and insights

Real-time monitoring, comprehensive reporting, best-in-class visuals, and advanced analytics means your energy data is ready when you need it. EnergyCAP's powerful tools allow you to identify trends, pinpoint inefficiencies, and make data-driven decisions to improve your energy performance.

Weatherizing and **calendarizing** utility data is a complex process that requires sophisticated algorithms and a deep understanding of energy consumption patterns. This process involves breaking down monthly energy consumption into daily usage, considering factors like weather sensitivity and billing cycles. By normalizing data to a consistent calendar month, EnergyCAP provides a clear and accurate picture of energy usage, enabling insightful analysis and informed decision-making. This level of data precision is crucial for identifying trends, measuring the impact of energy-saving initiatives, and optimizing energy performance regardless of when you receive or pay your utility bills.



2 Maximize savings

Eliminate waste and inefficiencies

Automated audits quickly detect billing errors, preventing overpayment. Powerful analytics flag indicators of issues like active leaks and faulty equipment, and identify energy hogs, peak demand periods, and areas for improvement—setting you up for successful energy conservation projects.

Optimize energy consumption

EnergyCAP SmartAnalytics provides real-time insights into building performance, allowing for immediate identification and correction of

energy waste. Benchmarking capabilities zero in on where to invest time and resources for the most impact. Gold-standard measurement and verification tells you definitively that you're on the right path, and showcases progress to stakeholders.

Improve operational efficiency

Automated bill processing, reporting, and data integration minimize manual effort, allowing teams to complete more work without extra hands needed. Improve tenant and cross-team satisfaction with fair and accurate allocation of energy costs, reducing disputes.



It has literally helped our organization identify and save hundreds of thousands of dollars and identify problems such as leaks and other operational issues faster.”

Financial Manager // Higher education

3 Minimize emissions

Enhance sustainability performance

Lower overall energy consumption and reduce utility expenses. From simple changes that can be enacted instantly, to deciding what long-term improvements should be made to your buildings and where, EnergyCAP is the tool used to identify, track, and report on the carbon-reducing actions your team is taking.

Streamlined compliance

From greenhouse gas (GHG) tracking and financial disclosure requirements, to building benchmarking mandates, building performance standards, and mandatory environmental, social, and governance (ESG) reporting frameworks, EnergyCAP's solutions simplify compliance. Automated data collection, streamlined workflows, and powerful out-of-the-box reports arm you with instant, audit-ready reporting directly to the inbox of your stakeholders.

4 Accelerate impact

Collaboration

EnergyCAP UtilityManagement, EnergyCAP SmartAnalytics, and EnergyCAP CarbonHub all contribute to a central repository for energy, utility, and sustainability data, eliminating data silos, ensuring consistency, and giving instant access to every single team across the organization.

Demonstrate sustainability leadership

A strong sustainability track record attracts customers, investors, and employees who value environmentally responsible organizations. A reputation for conservation puts you at a competitive advantage and strengthens brand presence. You work hard to make a difference to your organization and the planet—show off your progress!

ROI

Analyze the impact of your energy conservation measures (ECMs), monitor progress against objectives, and keep stakeholders informed in real-time with shareable dashboards, or through automated reports sent to their inbox.

Exceed stakeholder expectations

EnergyCAP's software suite automates and simplifies ESG reporting and transparency. Choose from the library of ready-made reports and set up auto-delivery to internal or external stakeholders, or invite participants to view a custom dashboard with exactly the information they need, anytime.

Who needs EnergyCAP?

EnergyCAP is the go-to energy and utility data management solution for building portfolios of all sizes: whether you have one building or 100,000, EnergyCAP helps you save money and reduce your environmental impact.

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Government agencies

City, state, local, and federal agencies face unique challenges related to decentralized utility bill processes, varying energy benchmarking and reporting standards, budget concerns, and tightening net zero goals. EnergyCAP is designed specifically to get agencies out of spreadsheet chaos, comply easily with energy mandates, and engage internal and external stakeholders with a few clicks.



EnergyCAP brings data to life with customizable reporting and dashboards. EnergyCAP has given our team more time to work on other projects using the data rather than spending time manipulating the data in spreadsheets or another cumbersome process.”

Energy Analyst // the City of Philadelphia

Universities and colleges

Utility bill accounting and energy management can be extremely complex within a higher education campus setting. EnergyCAP has a suite of bespoke resources designed to maximize the time of campus staff who are juggling multiple priorities, tackling emergent issues, and working with ever-shrinking resources. Campus-specific chargeback capabilities mean allocating energy costs across dorms, departments, projects, building areas, and other unique billing scenarios is easy and repeatable. Maximize resources with smaller staff and use energy bill savings to fund necessary projects even in the face of budget cuts and reductions.

“

We report savings in as many ways as we can and at as many levels as possible, and EnergyCAP is a huge part of that. The program would not have the success it has without EnergyCAP, because the reporting, the analysis, all of that, is the bread and butter of the program.”

Senior Energy Manager // Oklahoma State University

Commercial campuses, retail, healthcare organizations, and hotels

Easily access your energy data to identify the highest consuming areas, manage consumption, drastically reduce your carbon footprint, and drive massive savings. Comply with corporate GHG (greenhouse gas) reporting regulations everywhere you do business, and attract sustainability-minded consumers with easy communication about your energy saving projects and sustainability goal progress.

“

This is the first time we’ve been able to actually quantify greenhouse gas metrics and utility consumption—and we used EnergyCAP to do that. We were able to run and submit GHG reporting for the fiscal year, it’s been very good.”

ESG Director // building materials retailer

Utilities

Statewide benchmarking laws, building performance standards, and federal funding opportunities all put the onus on utilities to provide ratepayers with whole-building utility data. In addition, customers want more control over their utility spend with tracking and visuals they can understand, customized recommendations to reduce their usage, and engagement with their utilities. EnergyCAP Utility Company Platform, based on the same technology that’s been centralizing utility bill data for four decades, is perfectly positioned to simplify and automate hands-off whole-building data access for utilities—right down to securing customer data in a self-serve portal that utilities don’t even have to touch.

“

Our help desk received A LOT of inquiries for other utilities [during the first year of mandated whole-building utility data submittals], but none from the utilities you serve. We appreciate that your system works well.”

Policy Specialist // state Board of Public Utilities

Who uses EnergyCAP?

EnergyCAP's software suite is intuitive and automated enough for customers to quickly enter their information and begin analyzing their energy data, but powerful enough for super users to unlock deep insights, customize complex analysis, and automate workflows and reporting.

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Energy managers

Energy managers face the constant challenge of chasing energy data, juggling unexpected building issues, and still trying to make progress on budget management, energy conservation projects, and compliance—all while being asked to gather data for leadership and other departments. EnergyCAP's solutions tackle this head-on by providing tools to standardize, analyze, audit, and understand energy consumption across your entire portfolio at a glance. Whether you need a granular view of individual meters or a bird's eye look at your entire organization, EnergyCAP's software suite delivers the insights needed to track costs, identify savings opportunities, and stay in compliance. With powerful reporting and visualization capabilities, EnergyCAP makes it easy to share findings and drive data-driven decision-making.



For an Energy Manager whose main responsibility is to track and monitor energy/utility costs and consumption, this software is the perfect tool. The software is easy to use and very intuitive. The customer service is excellent!"

Energy Manager // educational institution

Accounting and finance teams

Accounting and finance teams don't have time to review mountains of energy bills for accuracy while they're juggling audits, balancing budgets, and preparing accruals and forecasts. EnergyCAP supports **finance leaders** with secure, accurate, audited utility bill data that gets you out of spreadsheet chaos. Life gets easier when you have automated processes that integrate with your existing business intelligence and accounting tools, and advanced accounting features save time and money while minimizing risk.

“

Our organization has taken piles of bills, endless spreadsheets, and countless amounts of time and utilized EnergyCAP to become extremely efficient with all our utility management needs. The solution has replaced non-value time of data collection and manual input with value-added time spent in analysis and proactive response.”

Financial Manager // state university

Sustainability leaders

Sustainability leaders need simple, accurate reporting so they can spend their time developing the strategy, and completing the projects, that will leave a lasting impact on their organizations and the planet. Imagine a world where energy and commodity data automatically imports into a system, converts into greenhouse gas emissions, and provides a holistic view of water, waste, miles flown, and every other data type you want to track. Reports for auditors, regulatory agencies, stakeholders, and clients are ready in minutes.

“

EnergyCAP is tailored for energy professionals. Building owners and property managers are not experts who know how to make their buildings as efficient as possible. They need trusted professionals with data to help them make the best decisions on what upgrades are necessary [to balance sustainability goals] and maximize ROI.”

Cofounder // environmental and sustainability services firm



Top 10 reasons to buy EnergyCAP

1 Savings, savings, savings

Reduce utility bills, save time, and instead invest in the energy projects that will change the way you do business. Most customers save at least 10% year-over-year on utility bill costs after implementing EnergyCAP, and free up more than 20 hours a month of employee time—with Bill CAPture Services customers saving almost double that amount.

2 Simplified processes

Repeatable tenant billing and cost allocation. Instant bill audits. Simplified budgeting, forecasting, and accruals. Automated bill processing. Real-time alerts. Hands-off ENERGY STAR® Portfolio Manager® submittal, just to name a few. EnergyCAP's platform takes every single department's biggest pain points and turns them into wins, freeing up time and resources to focus on strategic initiatives and organizational goals.

3 A single source of truth

Get a 360° view of all your energy data, from utility bills and real-time performance to carbon emissions, all within a single, integrated platform. Energy, sustainability, and accounting teams work together with seamless data sharing, eliminating manual entry, silos, and spreadsheets.

4 Unparalleled insights

Combine granular building-level insights with portfolio-wide analysis and live-streaming data to identify hidden savings opportunities and optimize energy performance across your entire organization. Empower all stakeholders, from energy managers and finance leaders to sustainability teams, with the data they need, when they need it.

5 Maximize ROI

Leverage comprehensive data and powerful analytics to justify energy efficiency investments, track project performance, and accurately demonstrate the financial impact of your sustainability initiatives.



6 **Enhanced reporting**

Effortlessly generate audit-ready reports for mandatory disclosure programs and voluntary sustainability initiatives, saving time and resources. Customize and share powerful dashboards to communicate energy performance to stakeholders and support decision-making.

7 **Data accuracy**

Eliminate data silos and manual entry errors by integrating utility bill data, real-time metering, and carbon emissions factors within a unified system. Best-in-class utility bill auditing ensures use, cost, and demand data is accurate and reliable. Statements from varying utilities, billed in different currencies, and even written in different languages are parsed into consistent, accurate, reliable data that is instantly analyzed.

8 **Proactive energy management**

Utilize real-time alerts and machine learning to identify pressing issues, optimize building performance, and prevent energy waste before it occurs.

9 **Simplified carbon accounting**

Automate Scope 1, 2, and 3 emissions calculations, track progress towards reduction targets, and confidently communicate your environmental performance. Monitor greenhouse gas emissions, water usage, and other key sustainability indicators.

10 **Future-proof your organization**

Stay ahead of evolving regulations, investor expectations, and sustainability goals with a comprehensive and scalable platform that adapts to your needs. EnergyCAP grows with you.



Top 5 reasons to upgrade

If you already have EnergyCAP UtilityManagement™ and, like almost all customers, you're thrilled with the results, you might be wondering what all the fuss is about in adding EnergyCAP SmartAnalytics™, EnergyCAP CarbonHub™, or Bill CAPture Services. EnergyCAP's products are designed to work hand-in-hand, amplifying time and cost savings and together addressing all your energy, utility, and sustainability data needs.

Here's just a few reasons to expand your EnergyCAP suite of solutions:

1 **Never touch a utility bill again**

Bill CAPture Services take over the tedious task of manually entering utility bill data, freeing your team from this time-consuming chore and reducing costly errors. Customers see up to 5X the time savings every month when they add Bill CAPture to the mix. For those who truly never want to think about a utility bill again, we also process and pay your utility bills for you with EnergyCAP Payments.

2 **Unlock complete energy awareness**

Go beyond utility bills with EnergyCAP SmartAnalytics. Bring in all your sensor and smart meter data to unlock real-time insights that pinpoint energy waste and optimize performance like never before. Imagine catching a malfunctioning HVAC system immediately instead of waiting for a sky-high bill, or proactively adjusting building automation settings based on machine learning predictions to minimize energy consumption throughout the day.

3 **Become a sustainability leader**

EnergyCAP CarbonHub makes tracking and reporting your carbon footprint easy. As regulatory requirements, corporate goals, consumer demands, and federal funding opportunities multiply, GHG reporting is something every single organization must be proactively planning for.

4 **Maximize ROI on your energy investments**

Combine the power of all three platforms to gain a holistic view of your energy performance. Accurately track energy savings from efficiency projects and make data-driven decisions to optimize your investments.

5 **Gain a competitive edge**

In a world increasingly focused on sustainability and ESG performance, EnergyCAP's comprehensive suite gives you the tools to outperform competitors, attract investors, and enhance your brand reputation.

Why us? EnergyCAP key differentiators

Reliable, accurate, trustworthy data

EnergyCAP stands out from the competition with a unique combination of features and services. Our best-in-class utility bill auditing and bill flagging is built directly into EnergyCAP UtilityManagement and made available to every customer, automatically catching costly billing errors and inconsistencies—unlike consultant-led audits that rely on manual review. Spreadsheets rely on hand keyed bill data and inevitably include errors and inaccuracies. With EnergyCAP, data from every bill is extracted into a consistent format for accurate, comprehensive analysis and reporting that organizations cannot achieve on their own. This approach saves time and resources while ensuring accuracy and preventing financial losses.

Our people

EnergyCAP backs our software with in-house support staffed by full-time EnergyCAP employees who are experts in energy management and dedicated to customer success. With a 40+ year history, EnergyCAP has proven its longevity and commitment to utility and sustainability data, building a reputation for reliability and innovation.

Expert services

EnergyCAP meets our customer's unique need with offerings like Bill CAPture Services, which uses industry leading technology to take bill entry off your hands and ensure bills are entered accurately, correctly, and quickly, and Project Management services for expert guidance, support, and seamless implementation.

Here's looking at you, finance

EnergyCAP caters to both finance, energy management, and sustainability leaders with customized features for each, fostering collaboration and data-driven decision-making across departments while keeping everyone in a single platform. Features like **chargebacks**, **budget forecasting**, **accounting export**, **utility bill accruals**, **bill lists**, accounting system integration, and EnergyCAP Payments make EnergyCAP the solution for accounting accuracy, dependability, and timeliness.

Our customers

EnergyCAP's unique approach to customer relationships truly sets us apart. It's not just about providing software; it's about empowering leaders whose everyday work is saving the planet. Take a look at any one of our [customer success stories](#), showcasing organizations across every industry achieving significant cost savings and sustainability goals with EnergyCAP.

Our annual [Catalyst conference](#) brings customers together to network, share best practices, and provide direct feedback that shapes our product roadmap. Combined with daily feedback from our, EnergyCAP's product roadmap is paved by the wants and demands of our customers.



What our customers are saying:

- “ Best energy management solution that I have ever used.”
- “ Intuitive software, highly responsive team.”
- “ A powerful tool.”
- “ Great platform for energy costs allocation and efficiency verification.”
- “ It's easy to track problem meters & buildings.”
- “ It can't be beat.”
- “ Best energy dashboard for analysis!”
- “ Easy to use.”
- “ Outstanding energy analytics.”
- “ Does far more than I could ever imagine.”
- “ EnergyCAP has launched the City of Philadelphia into a new sphere of data processing power.”
- “ A must-have solution and the best on the market.”
- “ User friendly and very intuitive.”
- “ Can't imagine our energy program without it.”
- “ This software is the perfect tool.”
- “ Great product, great value.”
- “ I just got a refund of \$350,000 from using EnergyCAP data to prove to the water company we were being overbilled.”
- “ I like EVERYTHING about it.”
- “ The energy analytics powerhouse.”
- “ We could cut 80—90% of the time our energy analysts spend in repetitive tasks.”
- “ I just got a refund of \$350,000 from using EnergyCAP data to prove to the water company we were being overbilled.”

[Read more customer reviews on Capterra](#) ►

Features customers love

It's impossible to list every single feature in the EnergyCAP software suite in one document, especially when each one has been thoughtfully developed and refined over decades of feedback from both new and loyal software users alike. We hear from customers daily about the features that save them the most time, money, and hassle—and these 10 often top the list.

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Utility bill auditing and bill flags

We hang our hat on our best-in-class utility bill auditing integrated directly into EnergyCAP UtilityManagement. Bills are audited for things like meter reading errors, overlapping charges, billing anomalies, and unusual use, cost, and demand, saving customers time and money.



EnergyCAP is very successful in finding issues with bills—often there were financial and use errors that we encountered. Being able to easily assess every bill in one location is a major plus. The ability to avoid human error is an added benefit.”

Feedback from the [EnergyCAP ROI survey](#)



Cost avoidance

Cost avoidance (also called Measurement and Verification) provides a direct and accurate estimate of the energy costs saved through your energy conservation measures using gold standard IPMVP methodology, even through commodity price increases, weather changes, and varying billing periods. You and your stakeholders see savings in dollars and cents at the project, building, or portfolio level.



Energy Use Intensity

One of the most-used modules in the platform, EUI gives you an easy-to-understand view of your energy use history across months, years, and seasons all at once. Spot trends, set goals, and see your energy footprint shrinking over time. As a bonus, energy saving project details are automatically charted on the EUI module, making before and after impact crystal clear.



Benchmarking and ENERGY STAR Portfolio Manager integration

Compare your buildings apples-to-apples to find potential issues like leaks or theft, choose where energy projects should be implemented, and flag your rock-star, energy-conserving buildings to duplicate success. Then simplify submittals to ENERGY STAR® Portfolio Manager® with automated in-platform submittals that avoid double entry.



Chargebacks and tenant billing

Quickly and fairly allocate consumption to easily split and recoup energy costs among tenants, departments, facility spaces, projects, grants, or activities.



Activity maps

Quickly evaluate patterns of power consumption and peak load demand changes. Model energy conservation projects for potential use, cost, and GHG savings.



Sentinel trends and alerts

AI is a powerful ally in energy conservation. Our proprietary machine learning model uses past data to predict future energy use, providing the perfect baseline for quantifying energy savings, tracking progress, and alerting you in real-time when monitored areas or equipment exceed expected energy usage.



Reports, charts, graphs, powerviews, and dashboards

EnergyCAP streamlines energy and sustainability data analysis with customizable dashboards and reports. Skip manual data entry and reporting—focus on insights. Then share with your organization, the public, or external stakeholders by embedding into a website or auto-sending reports. No more creating graphs in Excel, no more fetching data, and no more report writing.



Excel and other workbook exports

Want to download the data behind your favorite charts, graphs, and reports? The accounting department needs to slice-and-dice different data than building management? It's all a click away. Everyone can download the data they need into common formats, or connect directly to your favorite business intelligence applications with [EnergyCAP Report Designer BI](#).



Account and meter tracking

Our simple [data hierarchy](#) makes it easy to organize and navigate data through an intuitive tree structure. Two distinct hierarchal views: “buildings and meters” and “accounts”, cater to both finance teams, who need tools for efficient bill processing and auditing, and energy and sustainability managers who require detailed consumption data for analysis and optimization—ensuring everyone has access to accurate data and facilitating collaborative decision-making.

Where to learn more

EnergyCAP is more than just software; it's a partnership. Our team of experts is committed to helping you achieve your energy management, utility billing, and sustainability goals. We offer comprehensive training, support, and consulting services to ensure your success. Save time, maximize savings, minimize emissions, and accelerate impact.

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- ▶ See inside all of EnergyCAP's solutions on our [self-guided tour](#).
- ▶ See the impact EnergyCAP has had on others in your industry in our [case studies](#).
- ▶ Learn more about each of our solutions
 - ▶ [EnergyCAP UtilityManagement](#)
 - ▶ [EnergyCAP CarbonHub](#)
 - ▶ [EnergyCAP SmartAnalytics](#)
 - ▶ [EnergyCAP Utility Company Platform](#)
 - ▶ [EnergyCAP Bill CAPture services](#)
- ▶ Read about the [ROI of EnergyCAP UtilityManagement](#)—the source of all the statistics in this document, with savings and ROI information directly from the mouths of our users.
- ▶ See how we stack up to the competition by [viewing our many reviews](#)—the source of many of the customer quotes in this document.
- ▶ Use our [ROI calculator](#) to quantify the savings you'll see after EnergyCAP implementation.
- ▶ Ask your Account Executive to demo any of the features or use cases you'd like to learn more about, or [contact us anytime!](#)