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The all-in-one application for optimizing your clean energy portfolio

Ranked #1

AlsoEnergy ranked as #1 Solar and Storage Monitoring and Control Vendor in 3Q22 by Guidehouse Insights Leaderboard

Guidehouse
INSIGHTS

Research Report
Guidehouse Insights Leaderboard: Solar and Storage Monitoring and Control Vendors

Assessment of Strategy and Execution for 20 Solar and Storage M&C Vendors

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AlsoEnergy is unlocking the energy market by simplifying the management of clean energy. PowerTrack, AlsoEnergy's flagship application now on the Athena platform, is the all-in-one application to meet the needs of commissioning, monitoring, optimizing, and controlling your clean energy portfolio or fleet. Backed by depth of data for high-quality analytics, PowerTrack enables intelligent decision making, leading to **reduced operating expenses by up to 3-5% and minimizing downtime for up to 1-5% total energy production gain**.

PowerTrack application
Keep your power on track

One application for your ENTIRE clean energy portfolio featuring:

Accessible data coupled with data visualization for high-quality analytics leading to intelligent decision making
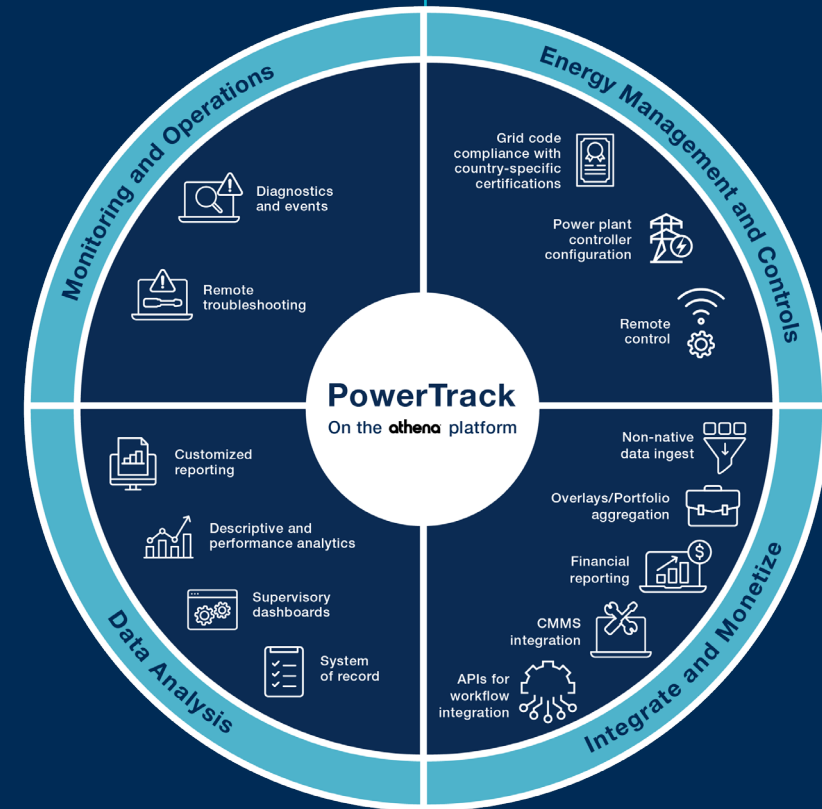
Configurable reporting and dashboards that inform on fleet performance and asset health

Streamlined workflows through seamless integration of third-party CMMS and BI applications

Remote troubleshooting to identify problems in the field

Drill-down capabilities to rapidly identify critical hardware faults with a high signal-to-noise ratio
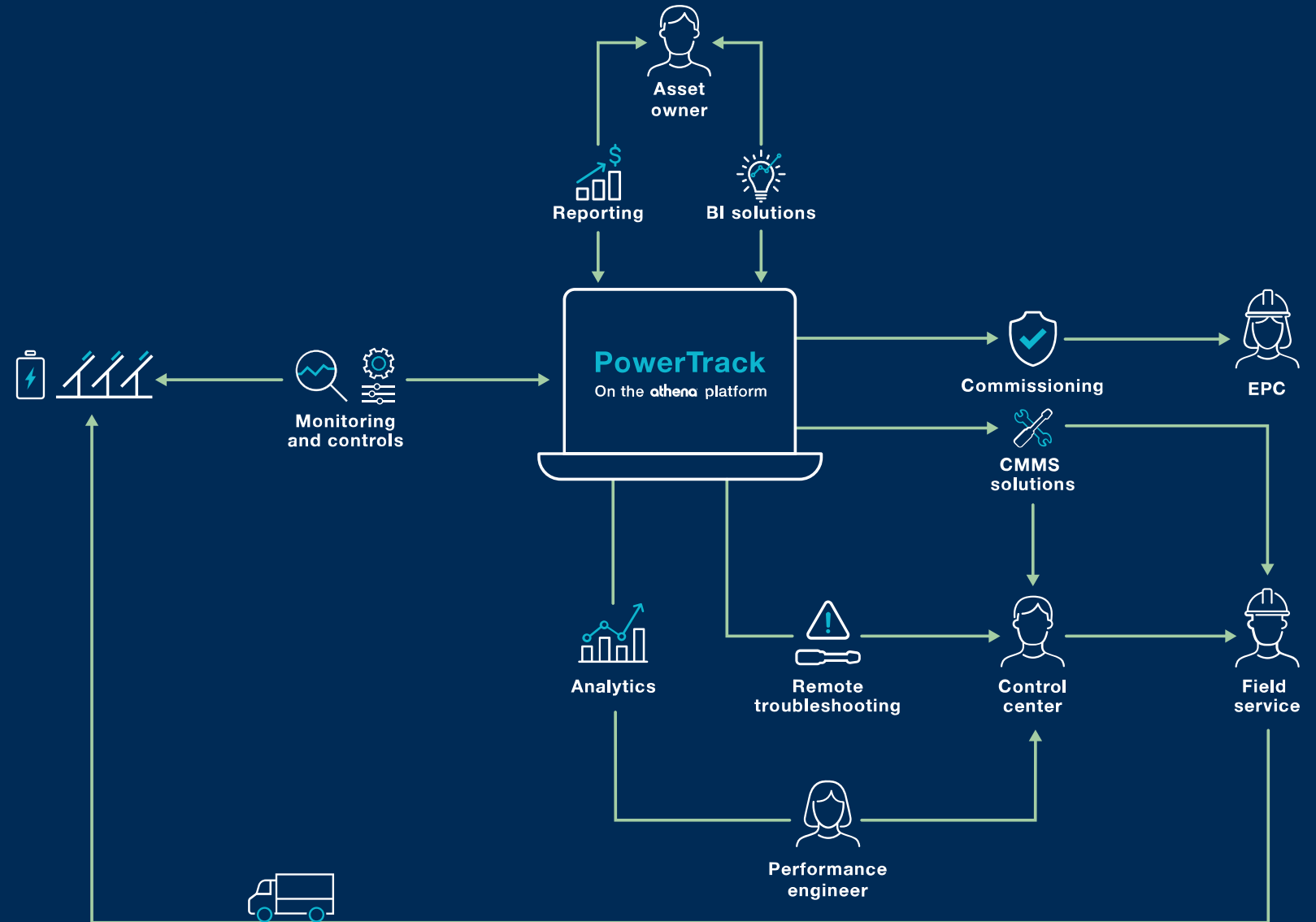
Analytics for long-term trends to make informed decisions about your fleet, assets and business

Monitoring and Operations
- Diagnostics and events
- Remote troubleshooting

Energy Management and Controls
- Grid code compliance with country-specific certifications
- Power plant controller configuration
- Remote control

Data Analysis
- Customized reporting
- Descriptive and performance analytics
- Supervisory dashboards
- System of record

Integrate and Monetize
- Non-native data ingest
- Overlays/Portfolio aggregation
- Financial reporting
- CMMS integration
- APIs for workflow integration

PowerTrack
On the athena platform

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All-in-one application connects ALL your stakeholders

Using PowerTrack, all stakeholders can quickly access the same data and collaborate cross-functionally to streamline their response.

From a control center receiving an alert to a field service engineer on a truck roll replacing a piece of hardware, PowerTrack helps to ensure smooth workflows for a higher system uptime.

Asset owner

Reporting

BI solutions

PowerTrack
On the athena platform

Monitoring and controls

Commissioning

EPC

CMMS solutions

Analytics

Remote troubleshooting

Control center

Field service

Performance engineer

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A bird's eye view of your portfolio

You can set up PowerTrack to work for your needs with easily customizable dashboards that give you an at-a-glance view of your entire portfolio, including macro to micro perspective on portfolio, sites, and individual hardware.

- Intuitive interface for an easy-to-use application

- Customizable dashboards make it easy to drill down to inform on fleet performance and asset health

- View current production plus past performance comparisons

- View actual versus weather-adjusted energy production so you can easily identify any major issues

The Portfolio View allows you to zoom out for a higher-level look at your entire portfolio. Identify and prioritize sites that are experiencing the most severe energy losses and address the causes.
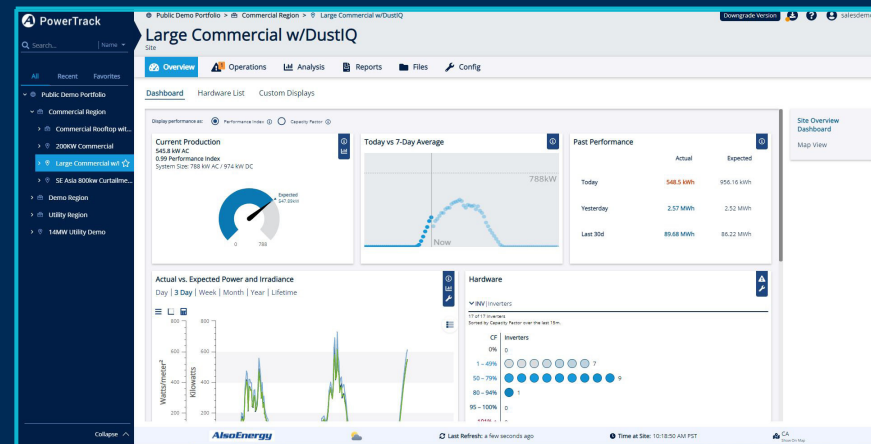
The Site Overview dashboard shows current production plus past performance comparisons so you can easily identify any major issues. It also allows you to see actual versus weather-adjusted energy production so you can tell if your site is performing at its peak.

Control center Asset owner

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Robust and automated reporting

Automated and customized reports are simplified in Powertrack's suite of reporting tools. Run sophisticated queries and create customized and templated reports for you and your business stakeholders.

- Over a dozen templated reports, such as financial reports, site validations, capacity tests, production comparisons, expected versus actual modeling, loss alert reports, and invoice templates

- Options to automatically send custom data reports

- API availability to ingest and integrate your data

- Multi-level reports for portfolio, sites, and devices

EPC

Performance engineer

Asset owner

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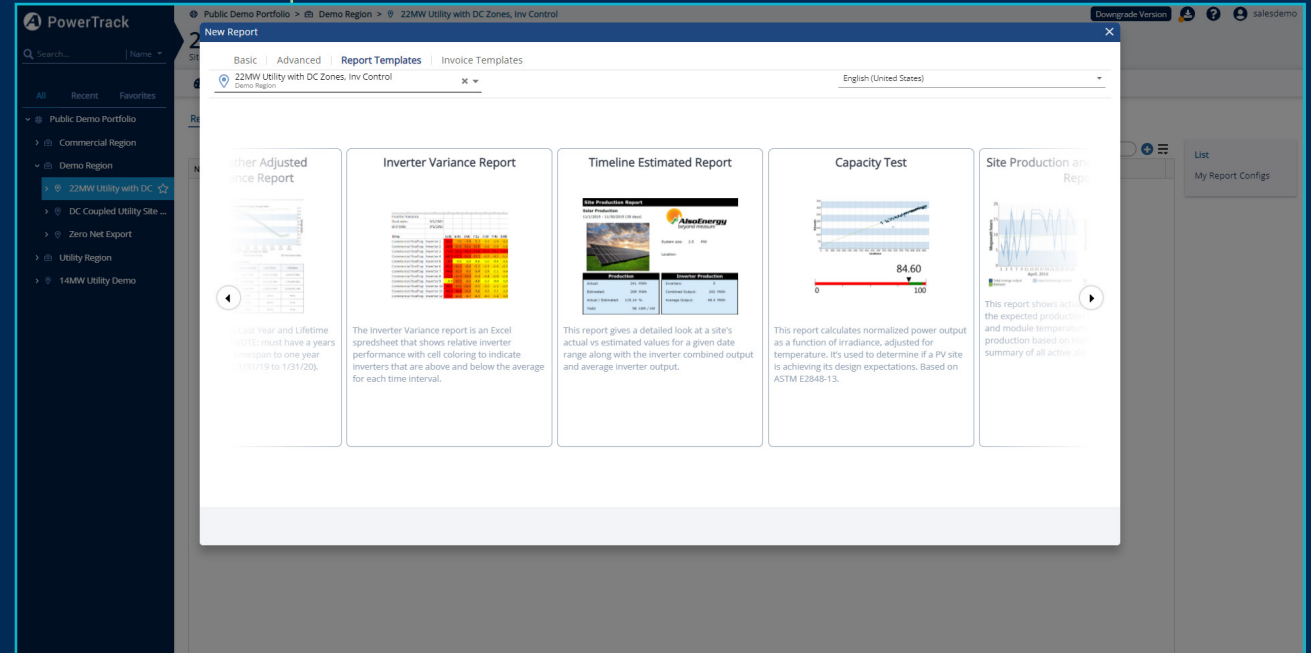
Templated and tailored charting

Build your own charts or use templates, to filter and customize data, analyze performance, and troubleshoot issues. Having the capability to select and deselect components to refine your information allows you to analyze any issues and stay up to date with asset performance and health.

- Identify sources of energy losses, under performance, or asset issues

- Numerous configurations and selections to build your own charts

- Key insights can be easily extracted with charting and data visualization

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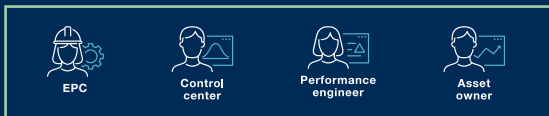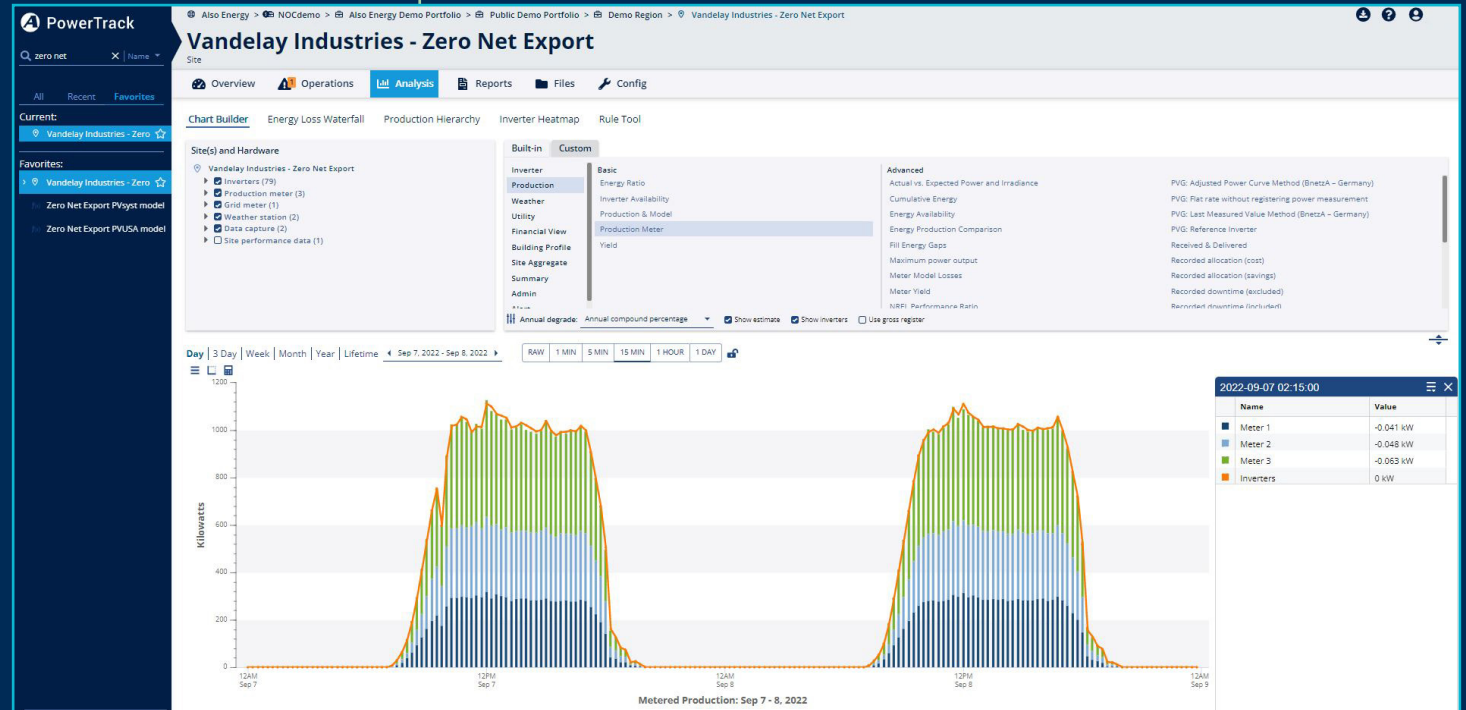
Quickly configure and analyze hardware

The hardware analysis tool automatically checks all site hardware, verifying functionality and communications, while also solving many types of issues.

- Automatically identifies issues

- Finds invalid alerts, conflicts, driver issues, and more

- Quickly checks communication and configuration of data for the entire site in 30 seconds

- Confirm installations and fixes are complete while on site

Confirm device communication and performance

Taking a deep dive into each device is crucial to assessing and optimizing the overall health of assets. The ability to quickly pinpoint faults and identify outliers is available instantaneously - both onsite and remotely.

- Identify and sort all devices with actionable information

- Easily test individual device communication and configuration

- Automatic alert resolution and hardware performance confirmation

PowerTrack — Inverter 19 dashboard

Control center	Performance engineer

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# Remotely troubleshoot inverter production issues

Powerful data visualization of near real-time and historical production in PowerTrack enables you to easily spot performance anomalies so you can troubleshoot and identify the cause.

The Inverter Heat Map tool visualizes inverter production comparisons, enabling identification of inverter production problems.

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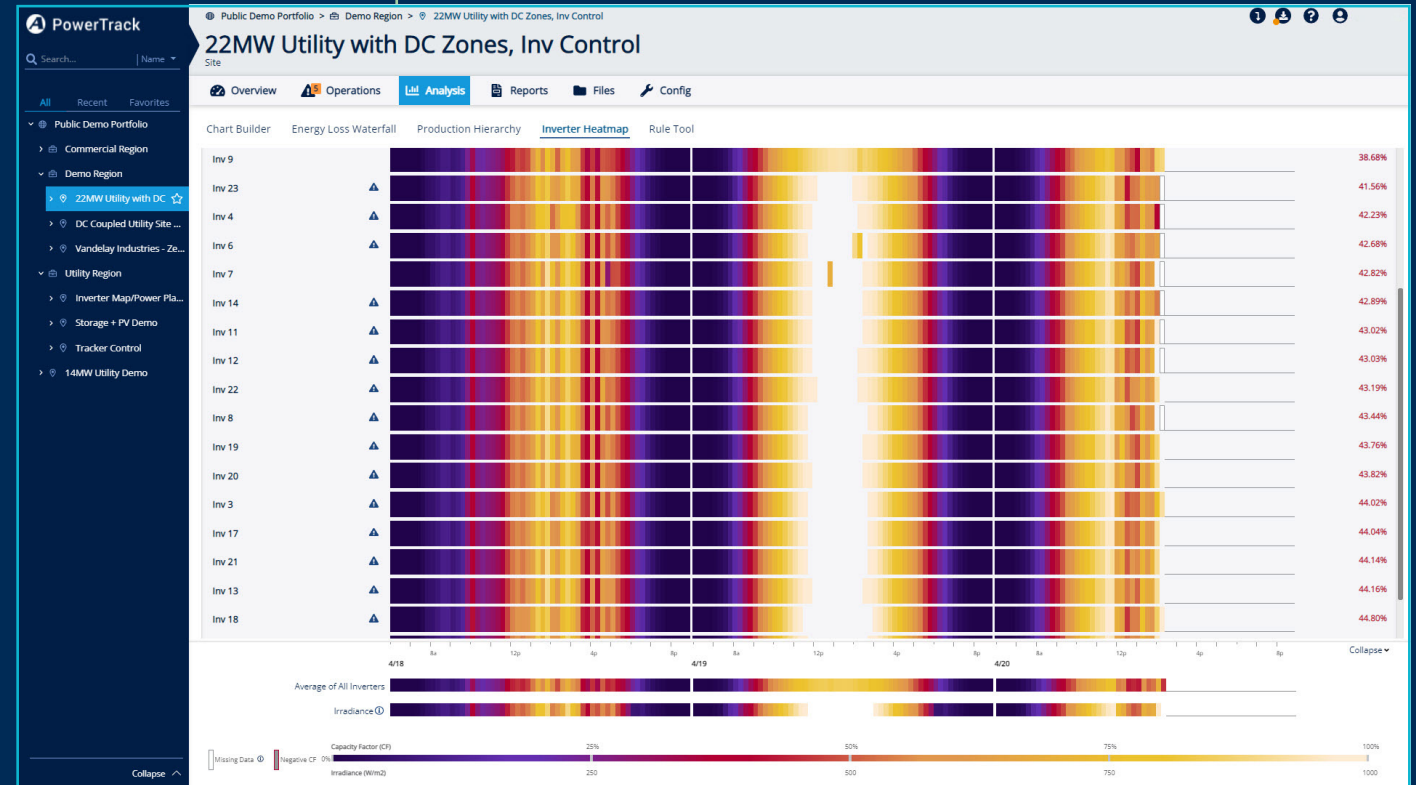
Efficiently identify and resolve events

Event Manager detects and prioritizes faults while providing insights into events so you can efficiently address issues with centralized communication. This enables a streamlined and automated workflow for identifying, understanding, and fixing faults across your fleet, saving time, decreasing costs, and increasing system uptime.

- Efficiently hand off faults and create work orders

- Improves signal-to-noise ratio by 50%

- Enables users to categorize and prioritize events

- CMMS integration for work orders to quickly resolve events that need to be actioned

- Detailed information for fast onsite fixes

Control center   Field service   Asset owner

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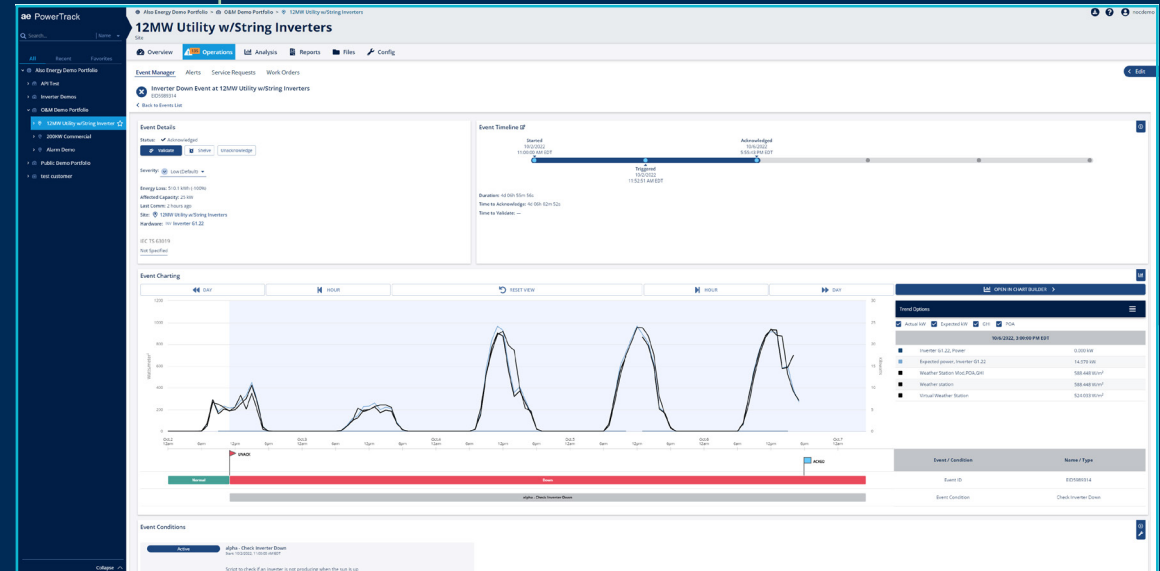
Improve visibility into storage assets

With Storage Visibility, you have a more complete picture of your storage assets to improve site performance and maximize revenue streams.

- At-a-glance view of asset type at portfolio and fleet-level view

- Visualization of battery status at site level dashboard

- Detailed charting for energy storage

- Ensure program compliance

Performance engineer   Asset owner

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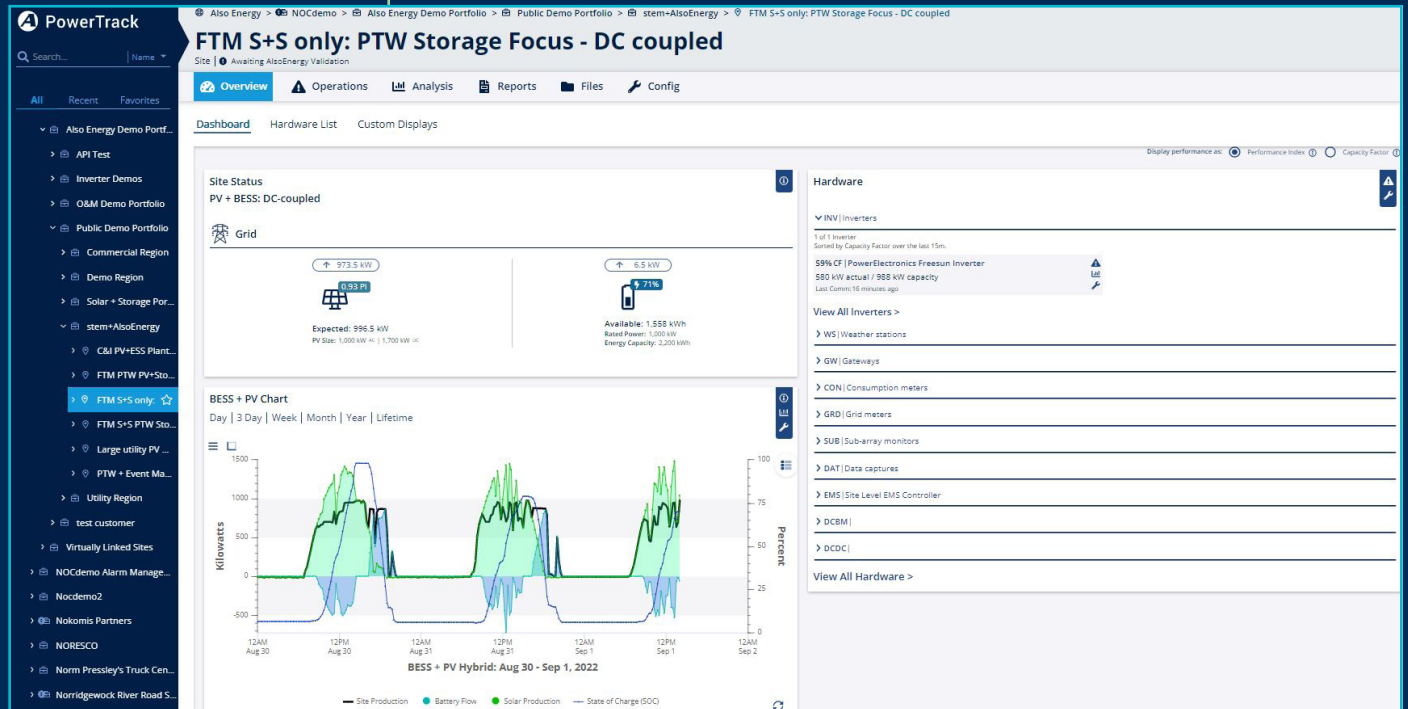
Share your environmental impact

**Sharing your sustainability efforts with the public is easy with PowerTrack. Various display options include mini-sites for web sharing or email, dashboards for mobile devices and kiosks.**

- Show data for one system or for your entire portfolio assets

- Display the environmental impact equivalents of your ESG program, such as energy produced, cars taken off the road, and trees planted

- Customizations available for your logo, colors, and photos

- Share real-time data configured to your preferences

- Options to show aggregated data, educational content, weather forecast, and performance analytics

Asset owner

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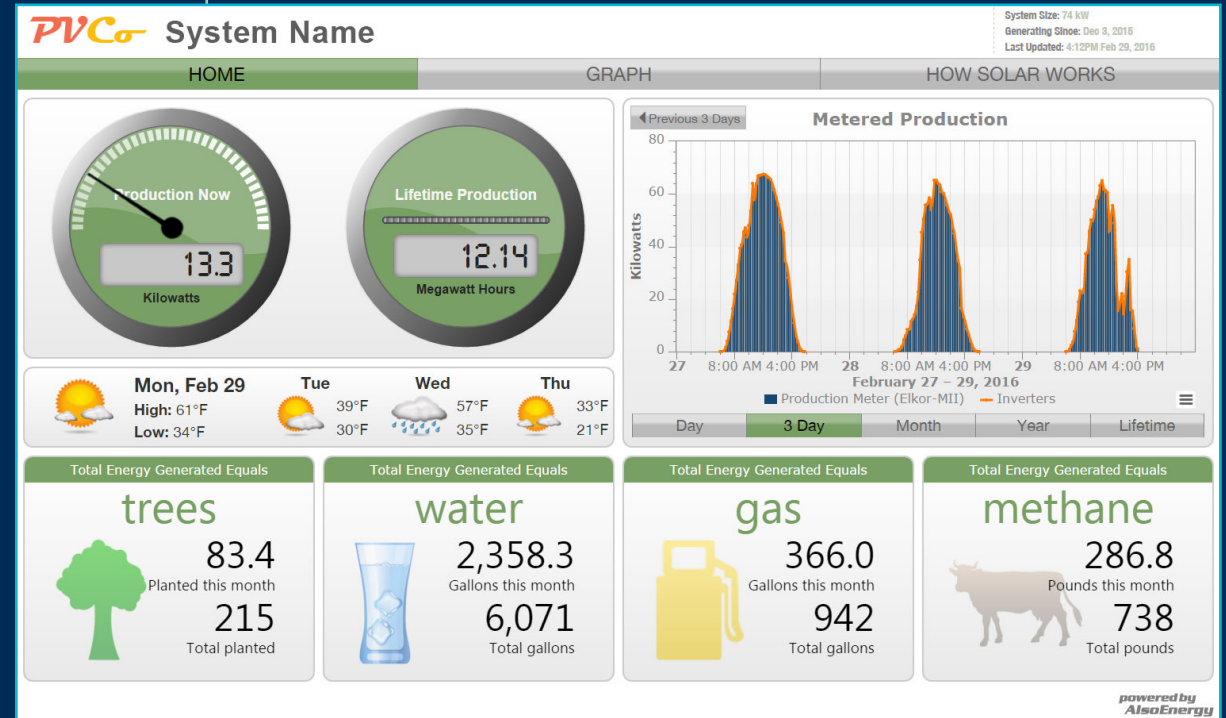
Making clean energy more resilient, manageable, and scalable

AlsoEnergy is unlocking the energy market by simplifying the management of clean power using monitoring and controls with advanced analytics. Our edge-to-cloud platform empowers you to participate in the evolving energy market, maximize the value of clean energy and storage assets, and scale portfolios.

From its founding, AlsoEnergy has led the market in clean energy portfolio optimization, driven by a passionate and innovative team with deep industry expertise.

As one of the first companies to introduce portfolio aggregation, AlsoEnergy set and maintains the industry standard for monitoring and managing clean energy assets. Now in its fifteenth year, AlsoEnergy continues to innovate and empower customers to capitalize on the growing clean energy market. Our global engineering and technical team supports renewable energy assets for companies on five continents, and is comprised of offices in the United States, Germany, India, and Japan.

Industry Leader

+200,000
Sites

50
Countries

+25
GW of Monitored Power

15
Years

Industry leaders rely on alsoenergy

borrego · CleanCapital · Greenbacker CAPITAL · MADISON ENERGY INVESTMENTS · CYPRESS CREEK RENEWABLES · SOLV ENERGY · spruce · ACT Power Services Next Generation O&M · Soltage RENEWABLE ENERGY PROVIDER · SUNVEST SOLAR LLC · Xcel Energy · ALTUS POWER RENEWABLE ENERGY · GREEN STREET POWER PARTNERS · Nautilus Solar · SUMMIT RIDGE ENERGY · NARENCO National Renewable Energy Corporation · ALDI · EXTOR · Survey Digital PHOTOVOLTAICS

stem

In February 2022, AlsoEnergy was acquired by Stem, Inc, (NYSE: STEM) the leader in smart energy storage. With the increased coupling of solar and batteries creating new optimization opportunities, the combined company is positioned to lead the transition to a smart energy network, providing energy stakeholders with a unified and leading clean energy intelligence platform for solar and energy storage assets.

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