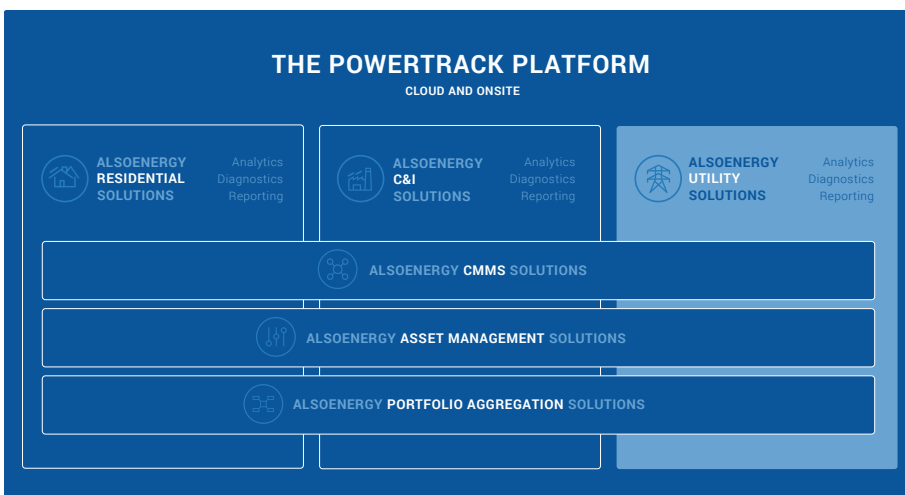


# AlsoEnergy Utility Solution

Easily capture all project data down to the hardware level to identify and manage key elements of success.



## Optimal energy harvest

- Improve understanding of projects and portfolios
- Identify and address areas of low performance
- Utilize advanced diagnostics and analytics

## Actionable intelligence

- Make holistic decisions leveraging enterprise system integrations
- Predict and schedule with Solar Sight™ forecasting service
- Track KPIs with advanced charting and analytics

## Robust on-site SCADA

- Maximize energy harvest with Smart Power Plant Control
- Minimize interconnection risk
- Perform commissioning and online diagnostic checks based on deep renewables experience

## Generate the highest value

Gain a deeper understanding of the critical data points for a fully transparent risk profile that turns insight into action.

### Maximum profitability

- Closely monitor IRR, cash flows
- Track daily revenue
- Pull maintenance logs as needed

### At-a-glance simplicity

- Summary views
- Mobile solutions
- Monitoring entire chain of responsibility

### Risk management

- Equipment, location, installer data access
- Cross-portfolio analysis
- System integrator metrics

## Eliminate risk and increase financial performance with best-in-class technology, service and support

Our experts have deep experience with projects throughout the US and around the globe.

### Expert support

- Accelerated innovation
- Easy, flexible implementation
- On-site, cloud resources

### Build on a future-proof platform

- Big Data
- Stable and reliable architecture
- Partnerships and integrations

### Enhance 3rd party resource management

- Streamlined process
- Proactive intervention
- Analyze and understand drivers of profitability

## Harmonize project data to drive results

Leverage all the historical data, managed seamlessly from a single source.

### Optimize asset availability

- Increase yield by pinpointing and addressing areas of low performance
- Understand maintenance cost drivers with integrated CMMS
- Analyze and identify poor performance trends early

### Intelligent alerting

- Real-time insight, anywhere, anytime
- Industry-leading actionable alerts
- Easy alert-to-work orders creation

### Management mapping

- Achieve high-performance verification
- Flag deficiencies instantly
- Collaborate throughout the organization

## Deliver profitable projects on time and in budget

Seamless procurement and expert service for utility-scale projects.

### Optimized delivery

- Cost-effective and timely on-site SCADA
- Dedicated project management
- Detailed CAD construction drawings

### On-site support

- Automated capacity tests
- Sound startup procedures
- Expert commissioning services

### SCADA for renewable energy

- Optimize yield with Power Plant Control
- Minimize construction risk with grid code compliant SCADA
- Resolve problems quickly with intuitive HMIs

## Unparalleled decision support

Maximize value add and deliver actionable insights for all levels of the project team.

### Configurable

- Best-in-class decision support
- Built-in, custom, end-to-end modeling
- Custom exception triggers

### Intelligent

- Advanced graphing and modeling
- Detailed historical and real-time analysis
- Automated, multi-point, cross-portfolio health checks

### Empowering

- Custom charts and reports
- Categorize performance issues and prioritize action
- 360° project and portfolio view

To find out more or schedule a demo, contact us at [alsoenergy.com](http://alsoenergy.com)

## Monitor, manage and prioritize

Proactive management that conforms to the way you run your business and keeps you in control of your portfolio.

### Real-time management

- Quickly identify high-impact exceptions
- Schedule and track truck rolls
- Link field and back office activities

### Actionable alerts

- Powerful, intelligent, efficient
- Minimized nuisance alerts
- Device or system-level diagnostics

### Configurability

- Customizable screens
- Familiar on-site hardware platform
- Third-party software integration

## Streamlined fleet management

Quickly understand and prioritize high-impact issues with value-driving process improvements, alert system accuracy and specialized customer support.

### Streamline process

- Directly schedule and report on tickets
- Use mobile app with offline mode
- Quickly verify performance in the field on mobile

### Dependable support

- Direct access to the experts
- Extensive training
- Engineering assistance

### Intelligent service dispatch

- Easy alert-to-ticket creation
- Customizable checklists
- Time and cost tracking

AlsoEnergy Utility

## Solution Components

### Software

- PowerTrack Web
- Analytics
- Diagnostics
- Reports
- CMMS Solutions
- Asset Management Solutions
- Portfolio Aggregation Solutions
- PowerTrack Mobile
- PV Guard Local SCADA software
- Open architecture on-site SCADA software
- Cybersecurity and remote access solutions
- Predicted power forecasting

### Hardware

- Open architecture Power Plant Controller
- skycontrol Power Plant Controller
- PowerManager 2200
- Dataloggers
- Local historian
- Weather stations / sensors
- Revenue-grade meters
- Field I/O
- Site Controllers
- UPS

- Cell modem & plan
- Networking equipment
- Weatherproof enclosures

### Professional Services

- Expert support
- Power plant controller configuration and tuning
- SCADA system design and implementation
- Portfolio aggregation / site migration
- Hardware testing, configuration, assembly, support
- Hardware warranty management
- Third-party hardware integration
- Third-party API app integration
- Software configuration and customization
- System engineering and modeling
- On-site or remote commissioning support
- Factory and site acceptance testing
- Substation and switchgear integration
- Telemetry
- Project management
- Project consultation and planning
- Deployment and implementation management