

Energy Analyst™ for Real-Time Intelligence

ANALYZE. OPTIMIZE. MONETIZE.

Energy Analyst from Intellistar is a platform for energy management, predictive intelligence, and automated response. It creates a real-time command center for energy operations, connecting systems, markets, and distributed resources so teams can act the moment conditions change.

Built for energy directors, facility managers, and portfolio managers responsible for energy performance across commercial and industrial assets.

WHY ENERGY ANALYST

As energy markets become more volatile, operators need more than dashboards and cyclical reporting. They need systems that respond to pricing signals, grid events, and operational changes. Other platforms watch, while Energy Analyst acts in real time to help reduce costs, capture new revenue opportunities, and stay ahead of an increasingly unstable energy market. Energy Analyst enables portfolio managers to analyze performance in real time, optimize operations, and monetize energy to improve profitability.

CORE VALUE

Energy Analyst transforms operations from reactive management into proactive real-time portfolio optimization.

Analyze

Real-time portfolio visibility
AI-driven forecasting
Live KPI tracking
Anomaly detection

Optimize

Automated demand response
Peak demand forecasting
Battery & HVAC optimization
Portfolio orchestration

Monetize

Value stacking
Demand response revenue
ICAP optimization
DER monetization

KEY CAPABILITIES

- **Peak Demand Forecasting:** Predict peak events, track response efforts, and quantify savings.
- **Portfolio & KPI Dashboards:** Dynamic KPIs and cross-site benchmarking with filters.
- **Load & Usage Analysis:** Daily overlays, load charts, and heat maps identify demand spikes.
- **Utility Tariff & Market Cost Analysis:** Model tariff and market pricing scenarios to calculate savings.
- **Market Integration:** Real-time pricing from NYISO, PJM, ERCOT, MISO, SPP, ISO-NE, and CAISO. Automate responses to price spikes and DR events.
- **Savings & ROI Tracking (ECM):** Validate savings against baselines and generate TCO, ROI, and Energy Star reports.
- **Analytics to Action:** Fault detection, no-code ML tuning, and AI-driven summaries to identify issues and assign actions.
- **Distributed Energy Resources & Net-Zero Tracking:** Monitor solar, track net-zero progress, and automate GHG and Scope 1/2 reporting.

BUILT FOR PORTFOLIOS

- NYISO, PJM, ERCOT, MISO, ISONE, SPP, CAISO
- 1 to 10,000+ sites
- Real-time Market pricing
- Automated demand response
- Peak demand forecasting and tracking
- Cross-site KPI benchmarking
- ECM savings validation
- Solar, DER, and net-zero monitoring

