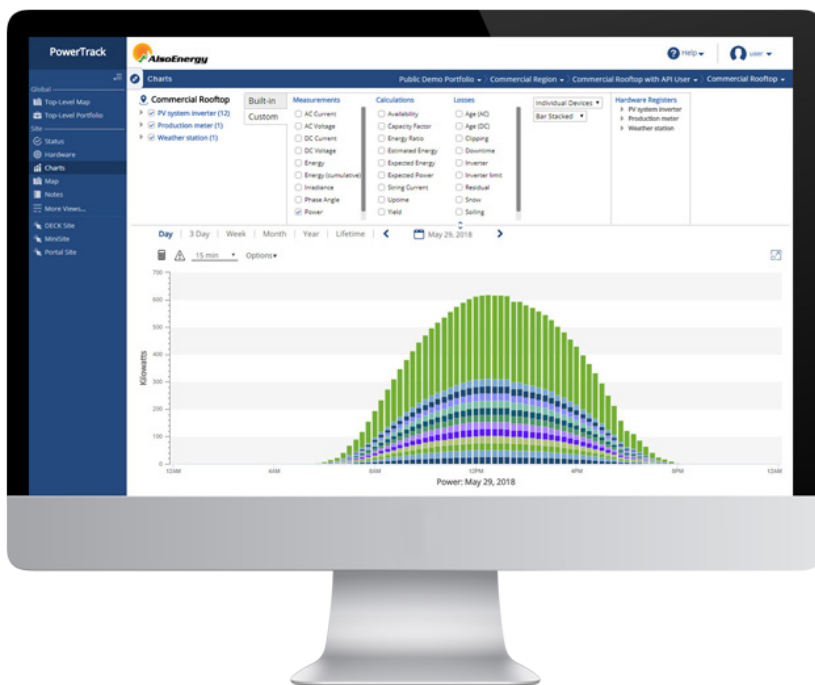


# Power Analytics Module

AlsoEnergy's Power Analytics Module can automatically classify events that impact system production and tag the data associated with those events for streamlined asset management and reporting. We use proven strategies to capture and clean data, upholding a high standard of data quality and providing you the flexibility to substitute virtual irradiance data for weather station data, if you choose. Integrate predictive analytics to shift your organization from reactive to proactive management.



## Quiet the noise

Automatically identify component-level failures and fill in gaps with valid data captured from nearby hardware.

## Predictive analytics

Access a worldwide dataset for forward-looking site conditions, including temperature and wind, to project system performance days ahead.

## Cost-effective weather data

Virtual irradiance data provides a reliable lower-cost alternative to data from an on-site weather station.

## Increase asset management efficiency, drive down compliance costs

The Power Analytics Module supports the PowerTrack SCADA Solutions as well as the Solar, Wind and Storage Solutions.

## Features and Offerings

- Comprehensive site hardware analysis
- Losses classified and quantified
- Curtailment losses
- Soiling analysis without additional hardware
- Virtual irradiance-based models
- Multiple models, including PVsyst and PVUSA
- Tracker analysis, positional errors and energy loss
- Capacity analysis (ASTM 2848)
- Custom dashboards
- Capacity, energy, and revenue-based event management
- Data tagging
- Automated data validation and curation