

CUSTOMER BRIEF: INVENERGY SERVICES

Invenergy Services Drives Operational Excellence with SolarAnywhere®

Delivering advanced O&M analytics with both ground measurements and high-quality satellite data

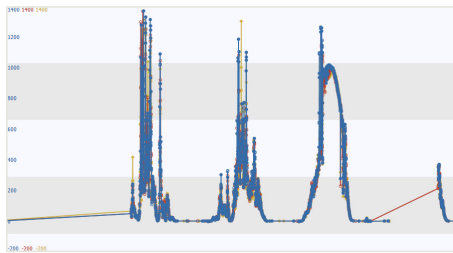
Challenge

Invenergy Services approaches O&M services with a commitment to operational and analytical excellence. Although the solar projects they manage typically have on-site meteorological stations, their team wanted to further enhance their solar resource data for performance benchmarking. Having a 365/24/7 source of high-quality, site-specific solar data would increase their efficiency and accuracy.

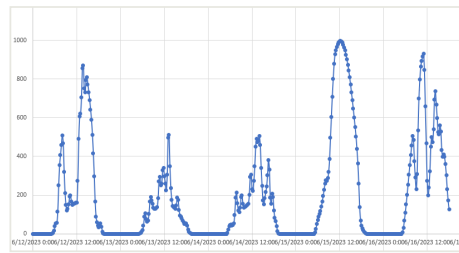
Solution

When evaluating solar irradiance data solutions, the Invenergy Services team focused on reliability and accuracy. These factors are critical for comparative analysis, identifying operational inefficiencies and understanding performance over time. They selected SolarAnywhere real-time data, for its data accuracy and alignment with their ground met stations. Invenergy's development team was already using SolarAnywhere historical data, which made integrating SolarAnywhere's platform into their Services operations an efficient and effective solution. With both teams drawing from the same source of data, they benefited from increased consistency across development-stage PV yield modeling and operational performance benchmarking.

SCADA feed June 2023



SolarAnywhere 15-minute data



Interpolated SCADA data during communication outage vs SolarAnywhere data

Results

Today, Invenergy Services partners with SolarAnywhere solar resource intelligence to support its O&M offerings. Complementing ground measurements with SolarAnywhere's satellite data, helps mitigate gaps in data collection and reduces time spent cleaning and interpolating data for monthly reports. The high-quality data and robust temporal resolutions enhance their clipping loss detection capabilities and enable their team to provide customers with more detailed performance insights. Furthermore, SolarAnywhere's ease of use, data accessibility and global coverage allow their team to respond faster to client requests.



Invenergy Services

Invenergy Services provides sustainable energy asset owners end-to-end solutions for every aspect of asset management, operations and performance analysis. They currently manage more than 21 GW of clean energy production, including 8,100 MW owned by third parties. With on-site technicians, a state-of-the-art 24/7 Invenergy Control Center, and a progressive safety culture, Invenergy Services helps customers operate with excellence.

“Consistency, accuracy and availability of data are critical factors for Invenergy Services. While met-station data can vary in quality, SolarAnywhere’s satellite-generated data gives us peace of mind. We know we can rely on SolarAnywhere’s accuracy and real-time accessibility to streamline our PV performance benchmarking processes and have confidence in the results.”

Ben Johansen
Performance Analyst

SolarAnywhere supports the entire solar lifecycle—from prospecting and development, to asset management and production forecasting. To learn more about industry-leading data and intelligence services from Clean Power Research, [contact us](#).