

CASE STUDY: ZEITVIEW

Zeitview Ensures Advanced Energy System Inspection Quality with SolarAnywhere®

Aerial observations, machine learning and high-quality solar irradiance data are key to Zeitview's PV system reports

Challenge

Zeitview makes sustainable energy system inspections scalable with a cutting-edge combination of aerial observations and AI-powered software. Using aircraft—both planes and drones—equipped with RGB and thermal sensors, they identify equipment malfunctions through the detection of thermal and visual anomalies. Annually, they inspect every solar asset in the United States 1MW and larger—an industry first.

However, for their aerial readings to be conclusive, a minimum level of irradiance must be available at the site during the inspection. If irradiance levels are too low, expensive repeat flyovers are required. Zeitview needed a source of accurate solar resource data to ensure reporting accuracy and avoid repeat inspections.

Solution

When considering solar resource data solutions, SolarAnywhere was an early frontrunner for Zeitview due to its strong reputation and trust within the industry. Once they began testing the data, a number of other benefits came to light that quickly garnered interdepartmental enthusiasm for the choice. Product management was pleased with the data quality, accounting was satisfied with the price point and the software development team was so impressed with the SolarAnywhere API that they became strong internal advocates.

Results

Zeitview uses SolarAnywhere irradiance data to validate the reliability of their PV system reports, while saving both the time and expense of internal development work or managing on-site PV measurements. The result is reduced operational costs and increased client satisfaction and trust. Since SolarAnywhere is available around the world, it effortlessly scales with Zeitview's international operations, which encompass more than 60 countries. Zeitview also takes advantage of SolarAnywhere's humidity and temperature datasets to further enhance their client inspection reports.



Zeitview is accelerating the transition to renewable energy with advanced inspection software that delivers safer, faster, lower-cost inspections of energy and infrastructure assets in over 60 countries. Using AI and machine learning, they ingest and analyze vast amounts of visual data and provide their customers with actionable insights.

“SolarAnywhere has a longstanding reputation as a premier provider of solar resource data, so we naturally gravitated toward them when looking for a solution. My priority was data accuracy and consistency of the data and SolarAnywhere offered both the accuracy I needed and consistency needed across a wide geography.”

– Burton Putrah
Senior Product Manager
Zeitview

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](#).