



SolarAnywhere®

Performance Prediction and Forecasting for Utility- and Commercial-Scale Solar Developers

COMPREHENSIVE

Use more than 15 years of satellite-based historical irradiance data and seven-day advance forecasts to maximize the value of PV plant development efforts

ACCURATE

Leverage the most accurate irradiance data available from the exclusive partnership between Clean Power Research and Dr. Richard Perez's lab at the University at Albany (SUNY)

ACCESSIBLE

Access historical and forecast data provided via downloadable CSV format for easy import into modeling software such as PVSyst, or via web service API

See more at www.cleanpower.com/solar-industry/solar-developers

Historical and forecast irradiance data with unmatched accuracy and resolution

Intelligent Solar Development with SolarAnywhere®

The industry-leading irradiance data and analytical tools in SolarAnywhere support all phases of project development, from plant site resource evaluation and validation, to performance benchmarking and power production forecasting. SolarAnywhere® Data is the most accurate long-term, site-specific irradiance database publicly available, and is supported for use in all common PV power simulation software.

High Granularity and Typical Year Data
SolarAnywhere time-series irradiance data provide unmatched resolution with measurements available in up to 1 km grid geographical resolution, and up to 1 minute temporal resolution. Datasets include GHI, DNI, DHI, wind speed and ambient temperature from 1998 through most complete hour, and up through seven-day advance forecasts.

SolarAnywhere TGY (typical GHI year) irradiance data are ideal for locations where spatial accuracy of NREL TMY3 or TMY2 data may be inadequate. SolarAnywhere typical year 1 km gridded data consists of over 8 million individual sites within the continental U.S. alone—more than any other public or commercial resource.

Bankable Accuracy

Recognized as the trusted source for satellite-derived time-series irradiance data, SolarAnywhere Data is used by site prospectors, developers, independent engineers, plant operators, utilities, ISOs and the national governments of the United States, Mexico and Canada.

Irradiance estimates are calculated from NOAA GOES satellite feeds using an exclusive image processing method developed by Dr. Richard Perez at SUNY Albany. Since its initial release, the model has been extensively tested and validated, both through internal comparison to SURFRAD and ISIS stations—the industry's gold-standard reference ground networks—and by independent third-party research.



Clean Power Research®

...“SolarAnywhere is one of the most accurate and highly spatially resolved solar resource datasets available. Clouds cannot hide from a satellite.” Jan Kleissl, assistant professor of Environmental Engineering, University of California, San Diego

Understand Long-Term Solar Resources

With increased spatial granularity down to 1 km, SolarAnywhere offers the ability to differentiate between sites that may otherwise be estimated by the same ground-based dataset. SolarAnywhere High Resolution Data makes it possible to identify microclimates where correct utility plant site selection could represent millions of dollars of added production over the life of a plant.

Accurately Forecast into Real-Time and Day-Ahead Markets

SolarAnywhere® Forecast data is available via email, file transfer protocol (FTP), or a web service API

that can provide irradiance data, PV plant production estimates and their associated forecast uncertainties. This functional platform enables direct incorporation of actionable data into equipment management tools used in balancing day-ahead and real-time energy markets.

Pricing

Licenses for historical data back to 1998, real-time data and forecast data in 10 km or 1 km resolutions are available for all locations on a geographic basis. Contact Clean Power Research at info@cleanpower.com for details.

HISTORY OF INNOVATION

Since its founding in 1998, Clean Power Research has worked closely with industry leaders to significantly advance energy and economic analysis of solar and other clean energy and energy efficiency technologies

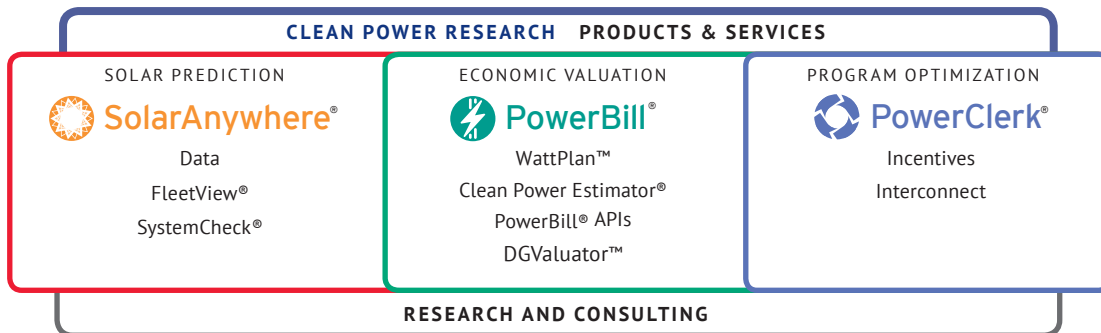
POWERING INTELLIGENCE

The company's research, consulting and software services help agencies, utilities, manufacturers, developers and their customers make informed implementation and integration decisions

EXPERIENCED PROFESSIONALS

Clean Power Research has helped customers process more than \$3.5 billion in incentives and calculate the economic value of millions of solar and other energy-related projects

Powering Intelligent Energy Decisions® With products and services from Clean Power Research, making smart energy decisions has never been easier. Clean Power Research supports the planning, selling and operation of solar and other renewable energy systems and energy efficiency technologies with industry-leading data, software, and research and consulting services. Utilities, energy agencies, engineers, developers, manufacturers, installers and financiers rely on Clean Power Research for more bankable analysis, better planning and operations, efficient incentive and interconnection management, and faster sales cycles.



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