SOLARanywhere®

COMPREHENSIVE

Solar GHI, DNI, DHI, wind speed and ambient temperature data from 1998 through today, and up to seven-day advance forecasts, in the U.S., Mexico, the Caribbean and portions of Canada

ACCURATE

Through the partnership between Clean Power Research and Dr. Richard Perez's lab at the University at Albany (SUNY), the latest version of the Perez model provides reliable, trustworthy data

ACCESSIBLE

Irradiance data are conveniently downloadable in CSV format for easy import into PVSyst and other analysis tools, or access data via a web services API

Forecast, real-time and typical year irradiance data and power simulation

Intelligent Solar Development with SolarAnywhere®

The industry leading irradiance data and analytical tools in SolarAnywhere support all phases of project development, from site identification and validation, to performance evaluation and power production forecasting for PV fleets. SolarAnywhere provides the long-term, site-specific insolation data required for accurate power simulation analysis.

Accuracy to Take to the Bank

Recognized as the trusted source for U.S. satellite-derived time-series irradiance data, SolarAnywhere is used by prospectors, engineers and developers, plant operators, utilities, ISOs, and the Federal government. Irradiance estimates are calculated from NOAA GOES satellite feeds using image processing methods developed exclusively for Clean Power Research by Dr. Richard Perez at SUNY Albany.

Dr. Perez's state-of-the-art algorithms convert images into real time and forecast irradiance data with up to 1-kilometer, minute-by-minute resolution. SolarAnywhere offers historical data back to 1998, as well as real-time and forecast data. A typical irradiance year format, comparable to the NREL TMY format, is also available. The model has been extensively tested and validated against the SURFRAD network and ISIS, the industry's gold-standard reference ground stations.

Take Control of Your Distributed PV Resources

SolarAnywhere FleetView™ takes the reliability of SolarAnywhere irradiance data and advanced PV fleet modeling to the next level. Using patented fleet variability algorithms, utilities and ISOs can plan and operate distributed PV fleets more reliably and cost effectively. SolarAnywhere forecasts can also be integrated into SolarAnywhere FleetView to provide plant operators with irradiance and energy production up to seven days in advance for any single location or PV fleet.

Clean Power Research®

SOLARanywhere®

Model PV Systems with Ease

SolarAnywhere datasets can be used in PV modeling programs such as PVSyst or SAM, or directly incorporated into the SolarAnywhere PV simulation calculator for PV production modeling. SolarAnywhere makes it easy to perform energy output calculations by simplifying the process of uploading PV system specifications, while drawing on SolarAnywhere accuracy.

Benchmark Your Site Data

For greatest confidence in data accuracy, SolarAnywhere provides a benchmarking function that allows ground or reference data upload. This makes it easy to assess reference data quality and compare it to SolarAnywhere satellite-derived data over any selected time interval.

Pricing

Standard Resolution irradiance data are free for years 1998 through 2008. Enhanced Resolution data for the state of California are free through 2011 at www.solaranywhere.com. Other data, including High Resolution data; 2009, 2010, 2011 Standard and Enhanced Resolution data; and real-time, typical year and seven-day ahead forecast data are licensed on a geographical basis. Contact Clean Power Research at info@cleanpower.com for more information.

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

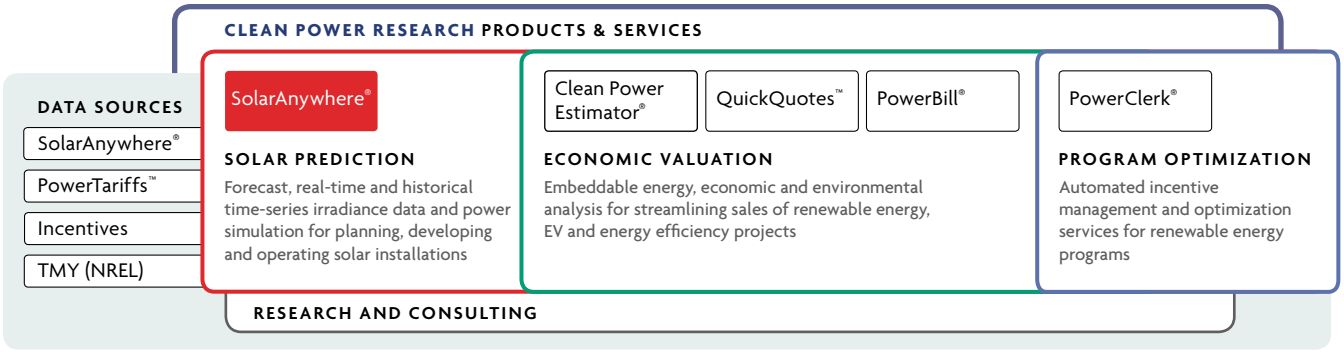
POWERING INTELLIGENCE

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 helped customers process more than $3 billion in incentives, generate nearly 20,000 PV system quotes, 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 management and faster sales cycles.



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