

What is live solar data?

Live solar data refers to real-time data of solar energy received per unit area at a specific location. Solcast live solar data covers a time frame from 7 days ago up to the present time, and is updated every 5 minutes. This data set is also referred to as "actuals" as it represents the modeled actual weather conditions at the location.

How does solcast's live solar data work?

Solcast's live solar data tracks real clouds at a resolution of 1-2km and 5 minutes. Our irradiance data and PV power data is updated every 5 to 15 minutes, downscaled to 90 metre resolution. Aerosol and albedo effects are explicitly treated.

What is the difference between live solar data and global weather data?

Live solar data spanning from 7 days ago to now, issued every 5 minutes, at 5 to 60 minute granularity, anywhere on Earth. Live cloud tracking provides high-resolution solar irradiance data, downscaled global weather data provides the most accurate actuals based on available data, as it becomes available.

What is solcast live solar irradiance data?

Solcast live solar data covers a time frame from 7 days ago up to the present time, and is updated every 5 minutes. This data set is also referred to as "actuals" as it represents the modeled actual weather conditions at the location. Solcast's live solar irradiance data is generated using a combination of satellite observations and weather models.

Typical products of Sunplus include photovoltaic inverters, energy storage inverters, lithium battery packs, electric vehicle chargers, etc., which are widely used in household, industrial and commercial ...

Imagine watching 3,500 solar panels being installed on a football field-sized rooftop in real-time - complete with drone shots of workers dancing the "safety shuffle" between modules. That's exactly ...

In recent years, the integration of solar energy with live broadcast technology has given rise to an innovative concept known as the "Solar Live Broadcast power station." This cutting-edge ...

The 19th SNEC PV & ES (2026) International Solar Photovoltaic and Smart Energy & Storage and Battery Technology & Equipment (Shanghai) Conference and Exhibition--shortened as "SNEC ...

Meta description: Discover how small-scale solar PV live broadcasts are transforming renewable energy engagement. Explore implementation strategies, cost-benefit analysis, and real-world success ...

The 17th International Photovoltaic Power Generation and Smart Energy Conference & Exhibition (SNEC Expo) began on June 13th at the National Convention and Exhibition Center in Shanghai.

Access Solcast's live solar data and PV power data with 3D cloud modelling, updated every 5-15 mins,

powered by live satellite data and live cloud tracking.

PVOutput - share, compare and monitor live solar photovoltaic output data

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