Weather and solar radiation conditions play a crucial role in the **energy production of photovoltaic system and efficient asset management. Datameteo LRC-SERVIZI,** is one of the Italian leading independent supplier of weather information for renewable market. Our clients are looking for **reliable, cost-effective, solutions** that will help their assets to run smoothly and efficiently. We provide solutions from our integrated portfolio ff first class services tailored to market needs. **Datameteo, a company licensed by GSE**, **the Italian T.S.O operator**, supplies every-day solar radiation & solar power forecasts for many solar production Unit all over Europe.

Solar power prediction is the **new –realtime- webGis platform** designed for **energy traders**, **grid managers and solar farms operators**, available worldwide! Our fast servers are accessible 24/7 via a secure web portal, no matter where you are! **Solar monitoring** ensures all operations on site are performed to the highest operational, health and safety standards **providing you radiation data** from **historic**, **real-time, sat feed** and our high resolution **prediction models**, this way helping you in **maximize safety & solar energy yield**. Download qualified datasets and reports or even get email notifications when you're out from the office are **just few clicks away from you!.**

Solar power prediction enables you to instantly get the right perception of what you are supposed to know (past trend) and what you are going to experience in the future! User can easily **compare past energy production with measured weather & radiation time series at the same time checking hourly solar radiation (GHI, DNI, DIF, TILTED) and power forecast.** Reports of **operational logs and raw SCADA** data allow users to **develop their own independent conclusions on site performance** against the available resource or weather conditions in any period of the year.

Solar power predictions contents "**SOLAR ESTIMATE®**" our solar power prediction suite of models with **hourly, 72-168 hours, high resolution forecast. Now the forecast platform comes with an innovative SHORT (forecast correction system for the next hours) and LONG TERM correction forecast based on a mix of sat feed, weather model and statistical approaches.** The platform is able to **deliver accurate power prediction** relating the capacity of the photovoltaic systems (kWp), the performance rate (ca. 75 %) and the solar irradiance on tilted surfaces with our -best of breed - cloudiness, radiation, wind speed and temperature forecasts. In order to gain the **best accuracy** we also deliver **fine tuning postprocess** by **neural & MOS technologies, operating through** measurements, sat feed, and data time series available.

High resolution weather models

Accurate solar power predictions

Intuitive monitor tool and weather alerts

Save money and gain in reliability

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