

GroundWork[®]

Solar MET Programs for Resource Assessment

Measured ground data,
measurable return on investment





REVENUE-GRADE IRRADIANCE DATA

GroundWork installs, maintains and monitors solar monitoring stations at utility-scale solar project sites to deliver a revenue-grade observational meteorological (MET) dataset. GroundWatch®, our best-in-class data quality program, minimizes field uncertainty. Through our partnership with Clean Power Research, we combine on-site ground and satellite data to reduce resource assessment uncertainty and develop a correlated long-term solar resource dataset.

STATIONS AND SERVICES

STATION EQUIPMENT

- Secondary-standard pyranometers
- Relative humidity and temperature
- Wind speed and direction
- Barometric pressure
- Precipitation
- Datalogger
- Communications and remote power
- Soiling measurement systems
- Optional diffuse, albedo, GPOA and DNI
- All weather models

RAPID RESPONSE FIELD WORK

- Fleet management, inventory and storage
- Installation and commission
- Service call
- Decommission

GROUNDWATCH DATA QUALITY PROGRAM

- On-site maintenance
- Instrument validation and calibration
- Data retrieval and storage
- Daily data quality control
- Flagged datasets

CLEAN POWER RESEARCH RESOURCE ASSESSMENTS

- SolarAnywhere® software access
- Ground-tuned annual exceedance probability (i.e. P50, P90) values
- Project site correlation analysis and full report

WHY GROUNDWORK?

Intensely client focused

Solar resource measurement specialists

High quality and cost-effective service

NREL best practices and calibrated reference instruments

Campbell Scientific, EKO, Hukseflux, Irradiance, Kipp & Zonen and Lufft

Serving the United States, Canada, Mexico and Central & South America

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