

Utility Scale Weather Station Solution

AlsoEnergy's vertically-integrated, edge-to-cloud platform includes a utility-scale weather solution designed with the rugged durability and provides flexible sensor options to meet project specifications. Performance data is uploaded to PowerTrack, AlsoEnergy's flagship cloud-based application for monitoring, managing, and optimizing energy and financial performance of clean energy assets. The solution is backed by our dedicated support staff and standard AlsoEnergy warranty terms apply.

AlsoEnergy UPS + Local Data Logger

- Backup time dependent on configuration selected
- Data buffering and storage for more than 6 months, ensuring that environmental data continues to be collected during plant outages to accurately calculate losses
- Local data retrieval for backed up data
- Local UI for diagnostics and commissioning

Campbell Scientific 10' Tower

- Mounting support for stationary sensors and enclosures
- Wind load rating of 110 mph

(2) Hukseflux SR-30D2 Pyranometers (typical config)



- Highest accuracy class certification (ISO Secondary Standard)
- Integrated heater and ventilator for wide operating range (-40 to +176 °F)
- Direct digital output of all data including tilt angle, internal humidity, and temperature for diagnostics

(4) Module temperature sensors

Platinum RTD sensors

Lufft WS500-UMB sensor package

Integrated heater and radiation shield



Ambient temperature

- Operating range -58 to 140F
- Accuracy +/- 0.9F

Relative humidity

Accuracy +/- 2% RH

Barometric pressure

Accuracy +/- 0.5 hPa

Wind speed

- Ultrasonic sensor and integrated heater minimize icing issues
- Range 0 to 168mph
- Accuracy +/- 3% to 78 mph

Wind direction

Accuracy +/- 30

