

Challenge

For a PV plant in Uvalde County, Texas, Verus Associates needed five full Meteorological Stations to be integrated with their current plant specifications and technology. Additionally, they needed a team that could provide project expertise as they sought to optimize the measuring and monitoring solutions of their client's PV plant.

Solution

From top of the line solar instrumentation, to custom programming and integration, installation and commissioning, we became a one-stop-shop for Verus Associates. We delivered and installed custom Solar Meteorological Monitoring Stations, DustIQ Soiling Monitoring Solutions, SMP12 pyranometers, and Smart Hubs.

Benefits

- 1 Verus now has five custom MET stations fully integrated with their third party data logger. With our Kipp & Zonen pyranometers and Lufft weather sensors, they can better monitor their PV plant weather and performance.
- 2 By choosing OTT HydroMet to handle the installation and commissioning, Verus can be confident that all equipment and field cable programming will be done according to specifications.
- 3 Verus reduced plant complexity and material costs with the integration of five Smart Hubs. They optimized POA measurements with five SMP12's, enhanced cleaning and maintenance monitoring with installed DustIQ's.

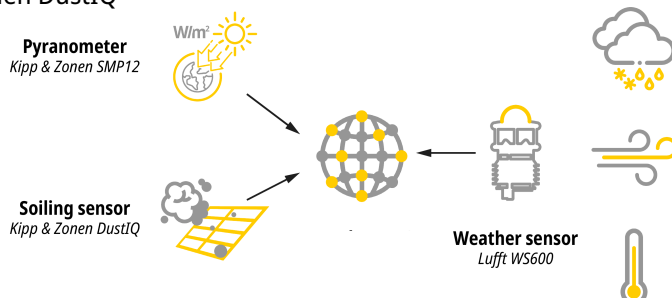


Image displayed is an OTT HydroMet Solar MET Station with Lufft weather sensors and Kipp & Zonen pyranometers.

Met Station Schematic & Products

The Full Meteorological Station for Verus included:

- Lufft WS601-UMB Smart Weather Sensor
- Kipp & Zonen SMP12 Pyranometers
- Kipp & Zonen DustIQ



Learn More:

Sign up for **SpOTTlight** - our bi-monthly newsletter - to read the **full case study with Verus Associates**

Questions about our Monitoring & Measurement Solutions for PV?

Let's talk.