

## Challenge

For a PV plant in Uvalde County, Texas, Verus Associates (Verus) needed five complete Solar Weather Stations integrated with its current plant specifications and technology. Additionally, Verus needed a team that could provide system integration expertise as it sought to implement the measurement and monitoring technology from OTT HydroMet's stations within its current plant specifications.

## Solution

With best-in-class environmental measurement and monitoring instrumentation from our in-house brands Kipp & Zonen and Lufft, along with our integration, installation, and commissioning services, the team at OTT HydroMet served as a one-stop-shop for Verus. Today our stations, delivered with SMP12 pyranometers, DustIQ Soiling Solutions, Smart Hubs, and Lufft Weather Sensors, are actively delivering the data for Verus Associates to deliver on its performance goals for the PV site in Uvalde County.

## Benefits

1

Verus has five Solar Weather Stations customized to its plant specifications and required datalogger. The Weather Station also includes our Kipp & Zonen SMP12 irradiance sensor and our Lufft WS 601-UMB weather sensor. Now, the site has the POA and weather data required to predict and understand performance outputs.

2

By integrating our installation and commissioning services into the project scope, Verus Associates streamlined and reduced the complexity of their site. With one partner for station procurement, installation, and commissioning, Verus could be confident that all equipment and in-field cable programming would be done to specifications.

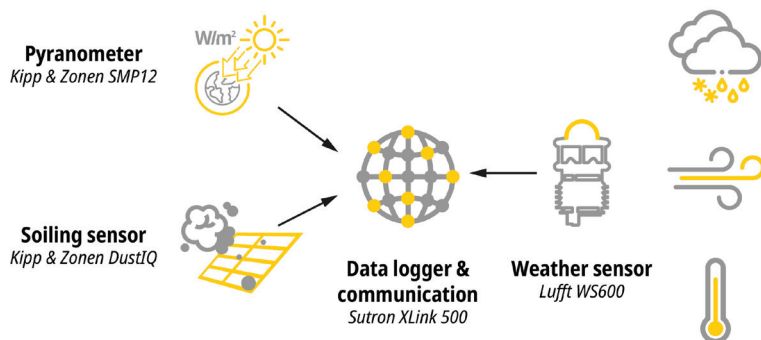
3

For their PV site in Uvalde County, Verus eliminated material costs and one more layer of product complexity by opting to add five Kipp & Zonen Smart Hubs. By leveraging our Kipp & Zonen DustIQ Soiling Monitoring Solution, Verus is also improving its cleaning maintenance schedule.



OTT HydroMet Solar Weather Station on an active PV site.

## Solar Weather Station Schematic



### Learn More:

Sign up for SpOTlight - our bi-monthly newsletter where we share our latest projects and insights for Solar PV.

Ready to optimize the performance ratio of your PV sites or looking to assess the data integrity of your sensor technology?

**Contact Our Team**