

NRG SUCCESS STORY

ULTEIG

Customer/Organization:

Ulteig

Project Location:

Minnesota, USA

Application:

Solar Resource Monitoring



Products/Services:

- Flare SRM System
- NRG SymphoniePRO Data Logger
- Hukseflux SR30-D1 Pyranometer
- NRG PVT1 Temperature Sensor
- Lufft WS200-UMB Smart Weather Sensor
- NRG T60 Temperature Sensor
- RainWise Renew 11 Rain Gauge
- NRG Soiling Performance Kit
- Kisters HailSens IoT
- Lufft SHM31 Snow Depth Sensor
- System Design Service
- Turnkey Field Deployment Service
- Commissioning Service

Measured Parameters:

- Irradiance (GHI/POA/RPOA)
- Albedo Gain, PV Module
- Temperature
- Wind speed
- Wind Direction
- Ambient Temperature
- Rainfall
- Soiling Losses
- Hail Events
- Snow Depth

Project Capacity:

260 MW

Summary:

NRG Systems worked with Ulteig – a frequent collaborator and the project's SCADA provider – to deliver turnkey solar resource monitoring systems for two utility-scale PV plants that will contribute to one of the largest solar projects in the country and the largest in the Upper Midwest. This landmark project is set to replace a portion of the electricity currently produced by a nearby coal-fired power plant scheduled for retirement in the coming years. By providing the reliable, high-quality data needed to optimize plant performance, NRG's Flare Solar Resource Monitoring Systems are playing a critical role in supporting the monumental project's long-term success and the delivery of clean energy to the grid.