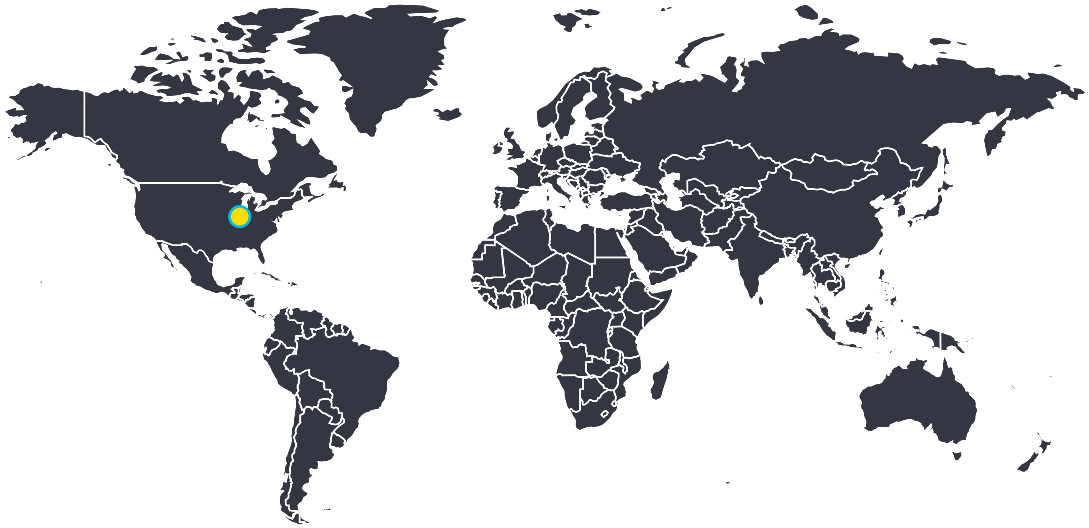
NRG SUCCESS STORY
EDP RENEWABLES

Customer/Organization:
EDP Renewablees

Project Location:
Illinois, USA

Application:
Solar Resource Monitoring



Summary:

NRG Systems supplied Flare Solar Resource Monitoring (SRM) Systems for the 140 MW Wolf Run Solar Park in Morgan County, Illinois. To meet the project's diverse monitoring needs, NRG deployed a mix of array-mounted and standalone tower systems, ensuring comprehensive coverage tailored to the layout and operational goals of the site. In addition to providing clean energy to power a Microsoft AI data center, Wolf Run Solar is expected to deliver $31 million in tax revenue over its 40-year lifespan – primarily benefiting the Triopia School District. With $2.3 million paid to landowners and another $2.3 million spent locally, Wolf Run is not only a win for sustainable energy but also for the surrounding community.

Products/Services:

- Flare SRM Systems
- EKO MS-57 Pyrheliometer
- EKO MS-80S Albedometer
- IMT Solar Si-TS485TC-T-MB
- NRG PVT1 Temperature Sensor
- NRG 40 Anemometer
- NRG 200M Wind Vane
- NRG T60 Temperature Sensor
- NRG RH5X Relative Humidity Sensor
- NRG BP65 Barometric Pressure Sensor
- RainWise Renew 11 Rain Gauge
- Lufft WS600-UMB Smart Weather Sensor
- Atonometrics RDE300i PV Module Measurement System
- Seeed Studio S-Soil-MT-02 Soil Moisture & Temperature Sensor
- System Design Service
- Turnkey Field Deployment Service
- Commissioning Service

Measured Parameters:

- Irradiance (GHI/POA/RPOA/Direct/Diffuse)
- Albedo Gain
- PV Module Temperature
- Wind Speed
- Wind Direction
- Ambient Temperature
- Relative Humidity
- Barometric Pressure
- Rainfall
- Soiling Losses
- Soil Moisture
- Soil Temperature
- MV Cabling Temperature

Project Capacity:
140 W

NRG Systems®