

Utility Solutions



Real-Time Weather Observations for Grid Operations and Management

Smart Grid Intelligence
Forecasting
Outage Management
Asset Protection
Demand Response

The integration of real-time weather information into the power grid enables operators and managers to effectively and efficiently operate a grid under changing weather variables enhancing:

- Storm damage response
- Smart Grid intelligence
- Mitigation of power outages and service disruptions
- Demand forecasting and response support
- Consumer demand response programs

WeatherBug Network

Largest weather network providing proprietary and multi-source real-time information on 27 weather variables including wind speed and direction, lightning, temperature, humidity, and rainfall

WeatherBug Total Lightning Network®

In-cloud and cloud-to-ground lightning detection, known as total lightning, providing advanced severe storm warning capabilities for asset protection and crew safety

StreamerRT®

Online weather visualization and modeling tool enabling detailed weather layers on one map with custom views for multi-location monitoring within the service area

GIS & API Weather Data Feeds

Integrated observational and historical weather feeds enable mitigation of outages and service disruptions, Smart Grid intelligence and integrated consumer demand response programs

Weather Stations

Complete weather sensor deployment to improve the visibility of weather at your critical asset locations

Consumer Demand Response

Detailed weather information and forecasts integrated into Demand Response programs provide predictive intelligence on energy consumption and empower users to engage in reducing their carbon footprint