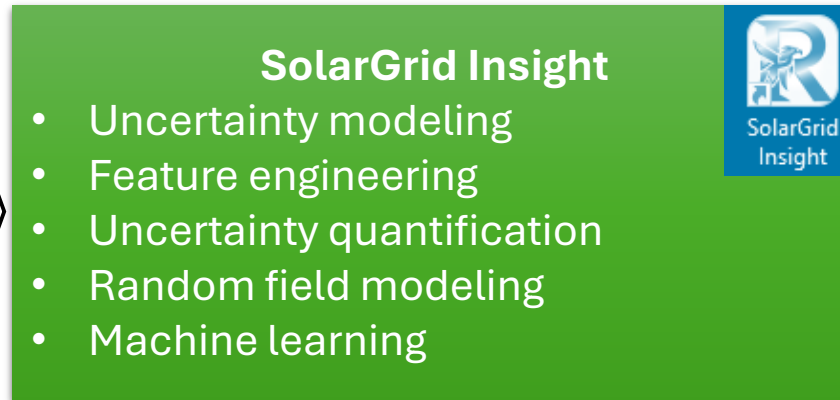


- SCADA
- AMI (smart meter/inverter)
- PMU
- Weather forecasting



- ✓ Solar & net load forecasting
- ✓ Bus voltage magnitudes/ phase angles
- ✓ Network topology
- ✓ Sensor health diagnosis

SolarGrid Insight: Transforming Grid Management with Real- Time Solar Visibility

SolarGrid Insight is an innovative software solution that provides real-time visibility and forecasting for distributed solar energy systems. It helps utilities and ISOs manage the variability and decentralization of solar power, ensuring grid reliability and operational efficiency.

Key Features:

- ✓ **Real-Time Forecasting:** Accurate predictions of solar energy and net load for short-term and day-ahead planning.
- ✓ **State Estimation:** Real-time analysis of bus voltages, phase angles, and network topology.
- ✓ **Scalability:** Designed for large-scale distribution networks with thousands of nodes.
- ✓ **Integration:** Seamless compatibility with existing utility systems through APIs and user-friendly interfaces.