

## Small Generation Interconnection Working Group (SGIWG) Demonstration Project

Site: Frey's Farm

Transmission Company: PPL

### High Level Objectives to Demonstration Project

- 1) Install existing PPL communications system at demonstration site.
  - a. Configure data transfer to PPL via leased telco circuit.
- 2) Install SGIWG standard installation at demonstration site.
  - a. Configure data transfer to PJM via Encrypted Internet SCADA System
  - b. Configure data transfer of required data from PJM to PPL via existing ICCP link between PPL and PJM.
- 3) Create utilities on PPL EMS to compare the accuracy and reliability of data collected via the existing method, versus the data collected using the PJM Encrypted Internet SCADA method.
- 4) Collect accuracy and reliability metrics for 1 month.
- 5) Verify accuracy and reliability statistics meet or exceed group requirements
- 6) Group accepts the SGIWG standard data collection solution as primary method of data transfer for small generators.