Objective

- Create and demonstrate an effective geospatial and grid model data management strategy for distribution utilities

Why:

- New distribution world
  - New functionalities (DER, DA, micro-grid)
  - New technologies (mobile, sensors, intelligent relays)
  - New expectations (regulatory, customer)
- Requires new advanced distribution management and dynamic distribution system planning applications
- Solid data management foundation is essential
  - Intentional
  - Enterprise-wide
  - More efficient than today’s
  - Marrying data storage, data exchange and business processes
2017 – 2019 Supplemental Distribution GIS and Grid Model Data Management

- Highlights
  - Multi-year, 15+ utility participants
  - Based on EPRI work in Transmission
  - 3 sub-project areas:
    - GIS data cleanup
      - ‘Technologies of Promise’ exploration
      - Geo-spatial modeling best practices
    - Field crew enablement
      - Solution architecture evaluation
      - Demonstration
    - Distribution enterprise grid model data management
      - Utility deep dives (up to 5)
      - CIM standard advancement
      - Distribution Grid Model Management Tool requirements
2017 – 2019 Supplemental Distribution GIS and Grid Model Data Management

More information

- Supplemental Project Notice #3002009807
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