



Non-Wholesale Distributed Energy Resources Visibility

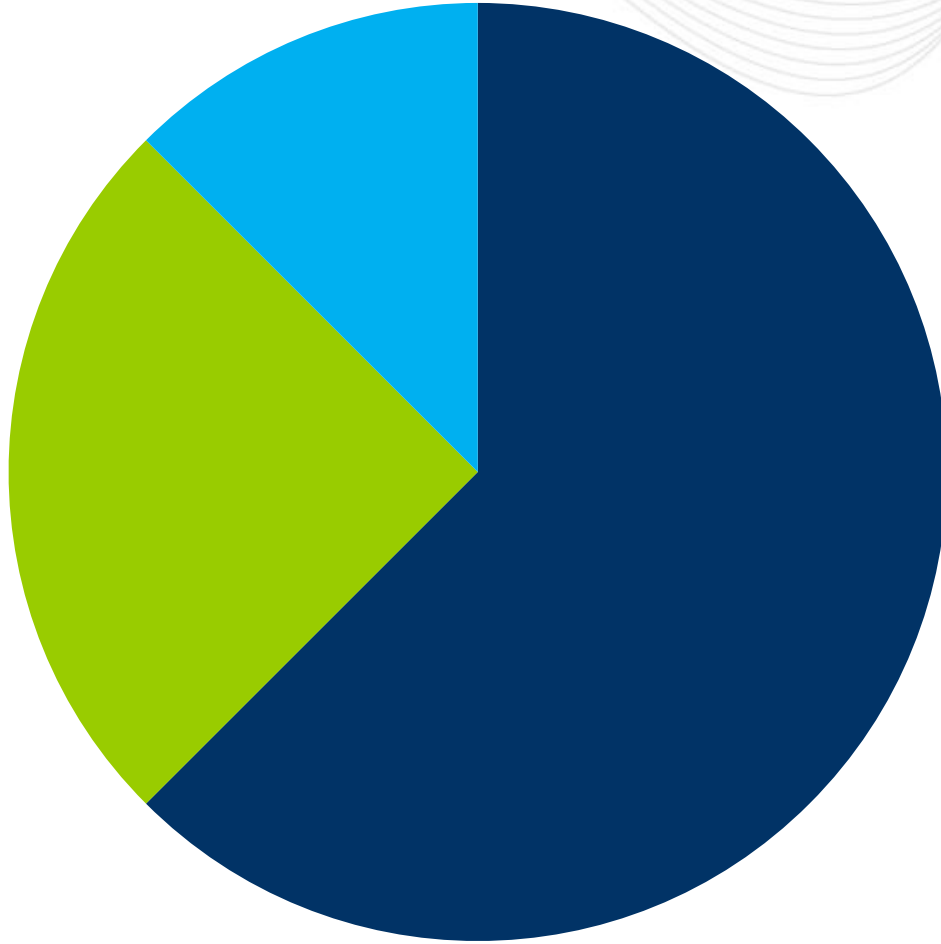
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- In 2018, the Distributed Energy Resources Subcommittee has discussed increasing visibility of Non-Wholesale DER units
- These behind-the-meter plants do not participate in PJM markets or provide data to PJM, but do influence system conditions
- DERS endorsed process for data collection and coordination:
 - PJM will use publicly available data to identify relevant plants
 - TOs will submit additional modeling data outlined in Manuals 14D, including telemetry links for plants with capacities ≥ 10 MW

- PJM will identify NW-DER facilities ≥ 1 MW in each zone using public EIA-860 report and provide a list to each TO
- TO will provide the following information for each NW-DER generator
 - New Requirement:
 - Modeling info: Substation, voltage, PJM equipment name
 - New Optional:
 - Contact info: Contact name, email, phone number
 - Operating info: Typical operational mode, start up time
 - Existing Requirement (units ≥ 10 MW):
 - One-line diagram, telemetry object IDs

Current Status of Coordination with TO Companies



- TO identified resource; resource has access to DER Directory (10)
- TO identified resource; Account Manager access still needed (4)
- TO has not provided resource info to PJM (2)

- 2018 Efforts
 - Work with stakeholders to make manual changes
 - Collect contact information for resources from each TO
 - Create training materials (available [here](#))
 - Upload data to DER Directory
- 2019 Efforts
 - Work with remaining TOs to identify resources and obtain access
 - Support TOs as needed throughout data entry process
 - Collect all required data by April 30

Questions?

Contact DER Directory group via email
DERDirectory@pjm.com or phone 610-666-4361