

Scope and objective of the PJM DER Ride Through Workshop

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Applied Innovation

Oct 1-2 PJM DER Ride Through Workshop

WELCOME!

Monday, October 1

12:00 p.m - 1:00 p.m. Lunch

1:00 p.m. - 5:00 p.m. Opening plenary session on IEEE 1547-2018 and Ride Through

Tuesday, October 2

8:00 a.m. - 8:30 a.m. Breakfast/Coffee

8:30 a.m. - 3:00 p.m. Workshop, including breakout sessions and closing plenary

- PJM to provide breakfast, coffee, lunch, and snacks
- Public areas may be accessed without an escort
- Secure areas require an escort

<https://www.pjm.com/committees-and-groups/stakeholder-meetings/der-ride-through-workshop.aspx>

- IEEE Std. 1547-2018 options
 - *Stay within the standard*
- For ride through capability & trip settings
 - *Not control of voltage or frequency, not communications, etc.*
 - *Trip settings determine extent to which ride-through is utilized*
- For inverter-based DER
 - *Not synchronous or induction machines*
 - *Not for utility-owned equipment, e.g., reclosers*
- On radial distribution
 - *Not DER connected to urban spot networks or meshed/networked subtransmission*

- Education
 - **Technical concepts of IEEE Std. 1547-2018**
 - *Technical Standards context and timing through 2021+*
 - *What to expect from and how to participate in the PJM Consensus Based Issue Resolution process.*
- Information exchange
 - **Mutual understanding of diverse distribution & transmission (& other) interests across the PJM footprint**
 - *Gain insight into IEEE Std. 1547-2018 solution space via strawman debate*
- Prepare actions
 - *Prepare stakeholders to identify interests within their organizations*
 - *Anticipate due diligence tasks and identify follow-up research on distribution and transmission parameters*

- Safety and reliability, especially on the distribution system, are the first priority.
- PJM recognizes that the distribution utility is the key stakeholder responsible for distribution safety and reliability.