



DER Ride Through Task Force Update

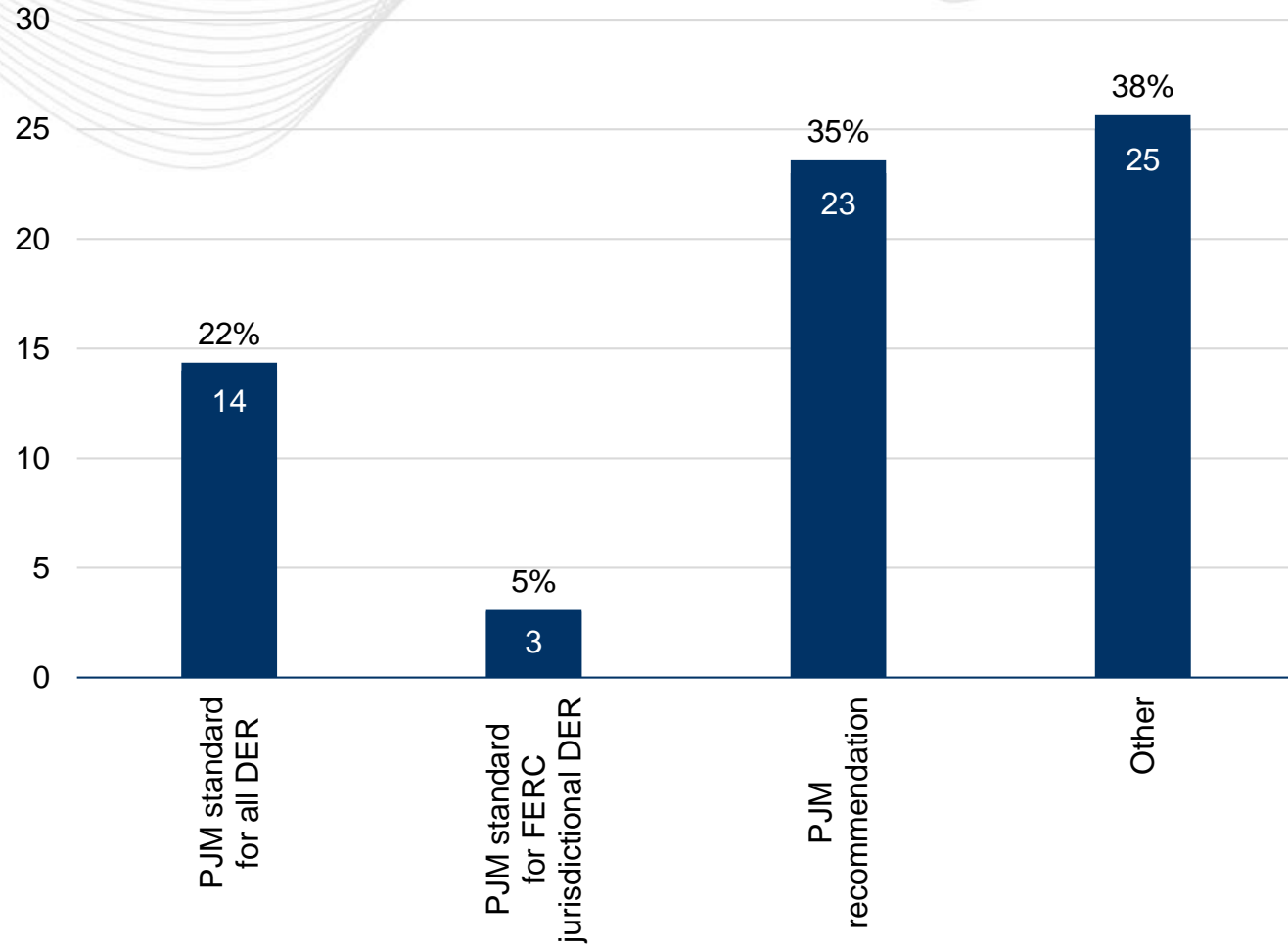
Susan McGill
Facilitator

Action Required	Deadline	Who May Be Affected
Review PJM Guidelines for Ride Through	Oct 31	Transmission Owners, Distribution Owners, Generator Owners



- November 2018 – Problem Statement endorsed and Task Force created
- January – April 2019 Task Force meetings focused on education
- May 2019 – Polled Task Force and Planning Committee members for direction and interest on specific relay settings
- June 2019 – Preferred settings compared with PJM/Argonne National Lab stability study
- July 2019 – Technical workshop with presentations by IEEE, DOE, NREL, PJM and PSEG
- September 2019 – Completion of technical white paper with PJM recommendations

- Members indicated desire for PJM recommendation versus a standard
- Distribution companies will develop standards to meet needs of their system
- Recommendation fills gap when no local standard exists



- We support a PJM "recommendation" that can be used when the local EDC does not have a standard (3rd answer). We are answering this survey as if PJM is only discussing PJM jurisdictional DERs. Answers from a retail jurisdictional DER standpoint can and will differ, and thus the survey results should not be applied to create or suggest retail jurisdictional DER standards. We believe that there are no "one-size fits all" settings that can be used consistently for all DER facilities, and that ultimately the local EDC should be responsible for creating and implementing DER standards.
- A "standard" ride-through setting should be adopted within the PJM footprint that should not be deviated from unless a study, following good utility practice, is performed that indicates a more optimal setting should be used.
- PJM "standard" settings that should be used consistently for all DER facilities across the PJM footprint where local EDC reserves the right to supersede as they deem necessary
- PJM to use the output of this Task Force to develop a technical guidance document that utilities and states can, but are not required to, use in their implementation of the ride through and trip requirements of IEEE 1547
- Technical work product for local EDCs to consider

- PJM recommended minimum settings
- DER facilities should use local standards, if available
- Will be posted on PJM.com with Transmission Owner construction standards
<https://www.pjm.com/planning/design-engineering/to-tech-standards.aspx>
- Reference will be added to Manual 14D (review and endorsement will occur at the Operating Committee)

10/10

- Manual 14D changes presented to System Operations Subcommittee

10/15

- Manual 14D changes presented to Operating Committee as first read

10/17

- Guidelines presented to Planning Committee

Dec

- Sunset Task Force