



Qualified Change Definition Discussion

February 14, 2023

FAC-002-4: Qualified Change for the Purpose of Facility Interconnection

- NERC Reliability Standard [FAC-002-4](#) requires Planning Coordinator maintain a publicly available definition of qualified change
- Qualified change needs to be defined for generation, transmission and electricity end-user Facilities
- Effective date of FAC-002-4 is 1/1/2024

Proposed Approach and Timeline

- Proposed approach
 - Develop a document referencing to the sections in ERCOT rules where the qualified change for generation, transmission and end-user facilities are defined
 - Post the developed document on the Planning page on the ERCOT website
 - Any future modifications in the referenced ERCOT rules will be reflected in the qualified change document
- Timeline
 - Finalize the qualified changes definition in Q4 2023 and post the developed document before 12/31/2023

Qualified Change for Generation

- Planning Guide Section 5.2.1 (1)(c)

Any Resource Entity seeking to modify a Generation Resource, ESR, or SOG that is connected to the ERCOT System by:

- (i) Increasing the real power rating from that shown in the latest Resource Registration data by one MW or greater within a single year;
- (ii) Changing the inverter, turbine, generator, or power converter associated with a facility with an aggregate real power rating of ten MW or greater, unless the replacement is in-kind;
- (iii) Changing or adding a Point of Interconnection (POI) to a facility with an aggregate real power rating of ten MW or greater; or
- (iv) Increasing the aggregate nameplate capacity of a generator less than ten MW to ten MW or greater.

Qualified Change for Transmission

- Modification to existing transmission facilities that are classified as Tier 1 to 4 projects as defined in Protocols Section 3.11.4.3, Categorization of Proposed Transmission Projects

Qualified Change for End-User Facilities

- After the Large Load Interconnection PGRR is approved, the corresponding Planning Guide section will be used as the qualified change definition for end-user facilities
- If the PGRR is not effective by 1/1/2024, ERCOT expects to use the following definition
 - Any Entity seeking to modify a previously connected load by
 - Increasing the load by 75 MW aggregate load capacity or more for a load connected and co-located with a Resource facility
 - Increasing the load by 75 MW aggregate load capacity or more for a load connected to a TSP's system
 - Moving a Point of Interconnection (POI) to a new electrical bus on a different transmission circuit

Questions and Comments?

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