



Qualified Change Definition Update

August 15, 2023

Recap

- 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
- ERCOT presented the proposed [qualified change definition and timeline](#) at the February 2023 PLWG meeting

Status Update

- Since the last update, ERCOT incorporated comments from stakeholders on the qualified change definition for the existing interconnections of transmission Facilities
- ERCOT also updated the qualified change definition for the existing interconnections of electricity end-user Facilities to align with [PGRR111](#), Registration, Interconnection, and Operation of Customers with Large Loads; Information Required of Customers with Loads 25 MW or Greater
- ERCOT will finalize the qualified change definition in Q4 2023 and post the definition on the ERCOT website before 12/31/2023

Qualified Change to Existing Interconnections of Generation Facilities

- Modifications as defined in Planning Guide Section 5.2.1(1)(c), Applicability

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 to Existing Interconnections of Transmission Facilities

- Modifications to existing transmission Facilities that are classified as Tier 1, 2, or 3 projects, as defined in Protocols Section 3.11.4.3, Categorization of Proposed Transmission Projects. (These projects will go through the RPG review process, as outlined in Protocols Section 3.11.4, Regional Planning Group Project Review Process.)
- Modifications to existing transmission facilities that are classified as Tier 4 projects, as defined in Protocols Section 3.11.4.3, Categorization of Proposed Transmission Projects, and that are reported in the Transmission Project and Information Tracking (TPIT) report. (These projects will go through the Transmission Interconnection Study (TIS) process as outlined in Planning Guide Section 3.1.9, Transmission Interconnection Study, or will be included in ERCOT and the TSP's annual Planning Assessment. For qualified changes that require a TSP to conduct a TIS study report, ERCOT will review the report.)

Qualified Change to Existing Interconnections of Electricity End-user Facilities

- After [PGRR111](#) is approved and becomes effective, the corresponding Planning Guide section will be used as the qualified change definition for end-user Facilities
- If [PGRR111](#) is not effective by 1/1/2024, ERCOT expects to use the following definition
 - A modification of an existing Load Facility such that, after modification, the Load Facility qualifies as a Large Load*
 - A modification of any existing Load Facility that increases the aggregate peak Demand of the Facility by 75 MW or more
 - A modification of an existing Large Load that changes or adds a Point of Interconnection or Service Delivery Point to a different electrical bus on a different electrical circuit

* One or more Facilities at a single site with an aggregate peak Demand greater than or equal to 75 MW behind one or more common Points of Interconnection (POIs) or Service Delivery Points

Questions and Comments?

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