

CHAPTER 25. SUBSTANTIVE RULES APPLICABLE TO ELECTRIC SERVICE PROVIDERS.

Subchapter S. WHOLESALE MARKETS.

§25.505. Resource Adequacy Reporting Requirements in the Electric Reliability Council of Texas Power Region.

- (a) **Definitions.** The following terms, when used in this section, have the following meanings, unless the context indicates otherwise:
- (1) **Generation entity** -- an entity that owns or controls a generation resource.
 - (2) **Generation resource** -- a generator capable of providing energy or ancillary services to the ERCOT grid and that is registered with ERCOT as a generation resource.
 - (3) **Load entity** -- an entity that owns or controls a load resource.
 - (4) **Load resource** -- a load capable of providing ancillary service to the ERCOT system or energy in the form of demand response and is registered with ERCOT as a load resource.
 - (5) **Resource entity** -- an entity that is a generation entity or a load entity.
- (b) **Resource adequacy reports.** ERCOT must publish a resource adequacy report by December 31 of each year that projects, for at least the next five years, the capability of existing and planned electric generation resources and load resources to reliably meet the projected system demand in the ERCOT power region. ERCOT may publish other resource adequacy reports or forecasts as it deems appropriate. ERCOT must prescribe requirements for generation entities and transmission service providers (TSPs) to report their plans for adding new facilities, upgrading existing facilities, and mothballing or retiring existing facilities. ERCOT also must prescribe requirements for load entities to report their plans for adding new load resources or retiring existing load resources.
- (c) **Daily assessment of system adequacy.** Each day, ERCOT must publish a report that includes the following information for each hour for the seven days beginning with the day the report is published:
- (1) system-wide load forecast; and
 - (2) aggregated information on the availability of resources, by ERCOT load zone, including load resources.
- (d) **Filing of resource and transmission information with ERCOT.** ERCOT must prescribe reporting requirements for resource entities and TSPs for the preparation of the assessment required by subsection (c) of this section. At a minimum, the following information must be reported to ERCOT.
- (1) TSPs will provide ERCOT with information on planned and existing transmission outages.
 - (2) Generation entities will provide ERCOT with information on planned and existing generation outages.
 - (3) Load entities will provide ERCOT with information on planned and existing availability of load resources, specified by type of ancillary service.
 - (4) Generation entities will provide ERCOT with a complete list of generation resource availability and performance capabilities, including, but not limited to:
 - (A) the net dependable capability of generation resources;
 - (B) projected output of non-dispatchable resources such as wind turbines, run-of-the-river hydro, and solar power; and
 - (C) output limitations on generation resources that result from fuel or environmental restrictions.
 - (5) Load serving entities (LSEs) will provide ERCOT with complete information on load response capabilities that are self-arranged or pursuant to bilateral agreements between LSEs and their customers.
- (e) **Operating Reserve Demand Curve (ORDC) report.** ERCOT must publish, by November 1 of every even numbered year, a report analyzing the efficacy, utilization, related costs, and contribution of the ORDC to grid reliability in the ERCOT power region.
- (f) **Development and implementation.** ERCOT must use a stakeholder process, in consultation with commission staff, to develop and implement rules that comply with this section. Nothing in this section

prevents the commission from taking actions necessary to protect the public interest, including actions that are otherwise inconsistent with the other provisions in this section.