



Item 7: TAC Report

Caitlin Smith

2025 Technical Advisory Committee (TAC) Chair

Board of Directors Meeting

ERCOT Public

February 4, 2025

Overview

- **Purpose**
Summary of January TAC Update and Alignment of Approved Revision Requests with 2024 TAC Goals
- **Voting Items / Requests**
 - None

- **Key Takeaways**
 - TAC unanimously recommended approval of 17 Revision Requests
 - TAC approved the 2025 Subcommittee and Subgroup Leadership
 - Review of 2024 Revision Requests and Alignment with TAC Goals

Summary of TAC Update

Revision Requests Recommended for Approval by TAC – Unopposed:

- NPRR1243, Revision to Requirements for Notice and Release of Protected Information or ECEII to Certain Governmental Authorities
- NPRR1246, Energy Storage Resource Terminology Alignment for the Single-Model Era
- NPRR1250, RPS Mandatory Program Termination
- NPRR1251, Updated FFSS Fuel Replacement Costs Recovery Process
- NPRR1252, Pre-notice for Sharing of Some Information, Addition of Research and Innovation Partner, Clarifying Notice Requirements
- NPRR1253, Incorporate ESR Charging Load Information into ICCP
- NPRR1257, Limit on Amount of RRS a Resource can Provide Using Primary Frequency Response
- NPRR1258, TSP Performance Monitoring Update
- NPRR1259, Update Section 15 Level Response Language
- NPRR1260, Corrections for CLR Requirements Inadvertently Removed
- NPRR1261, Operational Flexibility for CRR Auction Transaction Limits
- NOGRR268, Related to NPRR1246, Energy Storage Resource Terminology Alignment for the Single-Model Era
- NOGRR271, Related to NPRR1257, Limit on Amount of RRS a Resource can Provide Using Primary Frequency Response
- OBDRR052, Related to NPRR1246, Energy Storage Resource Terminology Alignment for the Single-Model Era
- PGRR117, Addition of Resiliency Assessment and Criteria to Reflect PUCT Rule Changes
- PGRR118, Related to NPRR1246, Energy Storage Resource Terminology Alignment for the Single-Model Era
- SCR828, Increase the Number of Resource Certificates Permitted for an Email Domain in RIOO



January TAC Highlights

Confirmation of 2025 TAC Subcommittee/Sub Group Leadership. On 1/22/25, TAC confirmed the following subcommittee and sub group leadership for 2025.

Protocol Revision Subcommittee (PRS)

Chair: Diana Coleman, CPS Energy
Vice Chair: Andy Nguyen, Constellation Energy Generation

Retail Market Subcommittee (RMS)

Chair: Debbie McKeever, Oncor Electric Delivery
Vice Chair: John Schatz, Vistra Operations Company

Reliability and Operations Subcommittee (ROS)

Chair: Katie Rich, Vistra Operations Company
Vice Chair: Sandeep Borkar, Lower Colorado River Authority

Wholesale Market Subcommittee (WMS)

Chair: Blake Holt, Lower Colorado River Authority
Vice Chair: Jim Lee, CenterPoint Energy

Credit Finance Sub Group (CFSG)

Chair: Loretto Martin, Reliant Energy Retail Services
Vice Chair: Jett Price, Golden Spread Electric Cooperative



January TAC Highlights

Oncor Venus Switch to Sam Switch 345-kV Line Project. On 1/22/25, TAC unanimously voted to endorse the Oncor Venus Switch to Sam Switch 345-kV Line Regional Planning Group Project (Option 1).

Oncor Wilmer 345/138-kV Switch Project. On 1/22/25, TAC unanimously voted to endorse the Oncor Wilmer 345/138-kV Switch Regional Planning Group Project (Option 1).

Oncor Forney 345/138-kV Switch Rebuild Project. On 1/22/25, TAC unanimously voted to endorse the Oncor Forney 345/138-kV Switch Rebuild Regional Planning Group Project (Option 1A).

Proposed Changes to Ancillary Service Methodology for 2025 associated with NPRR1257. On 1/22/25, TAC voted unanimously to endorse the 2025 Ancillary Service Methodology as presented by ERCOT to align with changes from NPRR1257, Limit on Amount of RRS a Resource can Provide Using Primary Frequency Response

Alignment of 2024 Revision Requests with TAC Goals

2024 TAC Goals

1. Align TAC and Subcommittee Goals with the ERCOT Board of Director's strategic vision to work with ERCOT Staff to achieve the Board's vision for ERCOT.
2. Develop and implement market design changes and other reliability enhancements that are promulgated by the PUCT in the furtherance of statutory changes originating from the Texas Legislature.
3. Maintain rules that support ERCOT system reliability, promote market solutions, support open access to the ERCOT markets and transmission network, and are consistent with PURA, PUCT Substantive Rules, and NERC Reliability Standards.
4. Pursue clarifications to market rules and guides, which enhance the transparency of resource registration and requirements and clarify the entry process for new resources, with the explicit understanding that no changes will be made that discriminately affects the rights and obligations of resources currently participating in the wholesale and ancillary services markets.
5. Improve the monitoring of resource adequacy by ensuring that studies and reports provide a representative view of evolving risks to resource adequacy as a fundamental element of system reliability and resiliency. Recommend market improvements to support resource adequacy, including the recognition of limitations due to GTCs and the reactive needs of the system.
6. Collaborate with ERCOT Staff on current trends in fuel prices and installed resource costs through market changes.
7. Develop and implement needed market design corrections and improvements, which are cost effective.
8. Pursue policies and market rules that encourage the appropriate implementation of load participation.
9. Pursue policies and market rules that encourage the appropriate integration of emerging technologies.
10. Implement Retail Market improvements and requirements.

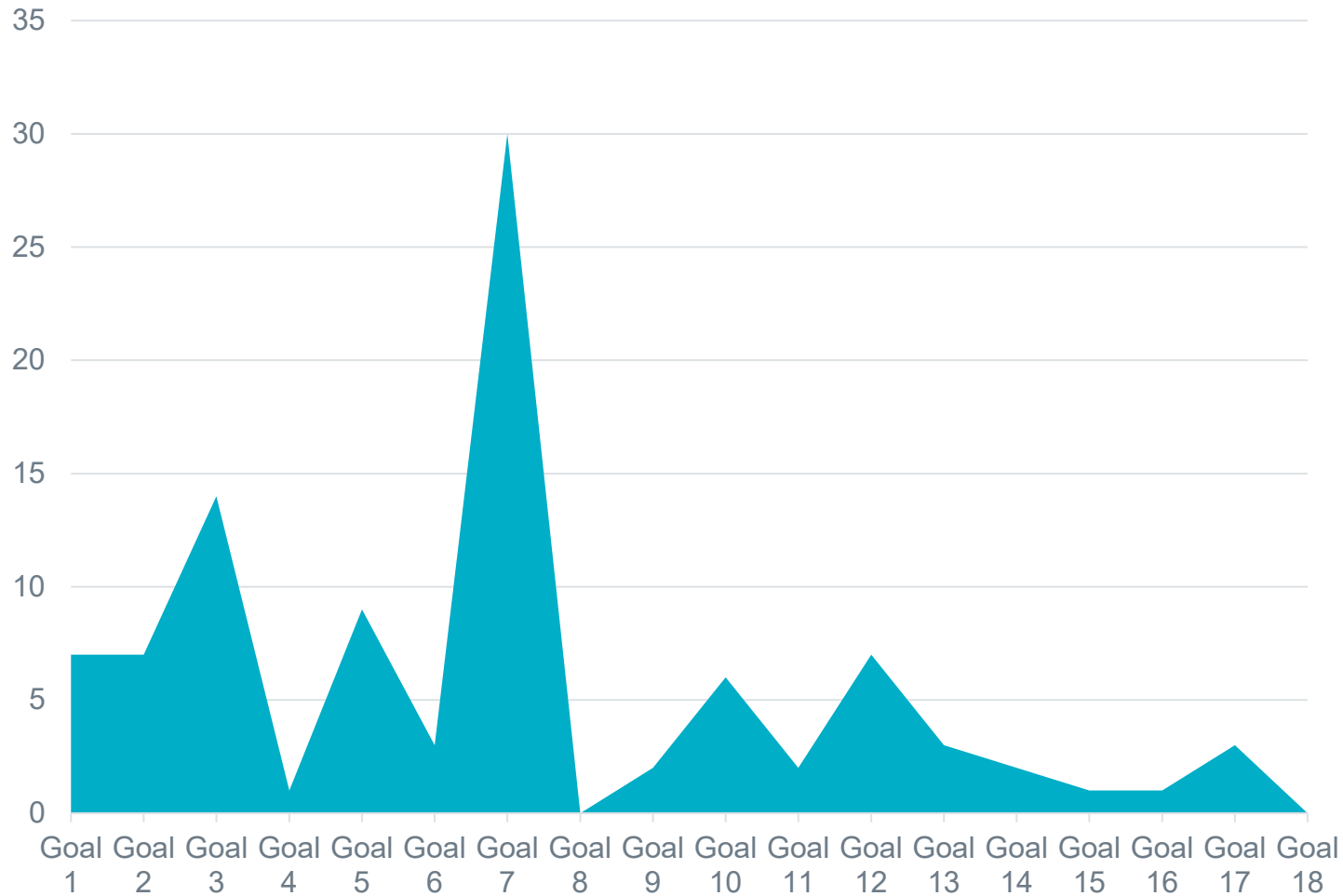


Alignment of 2024 Revision Requests with TAC Goals

2024 TAC Goals

11. Facilitate market improvements necessary to leverage the capabilities of Advanced Metering Systems (AMS) in the retail market and improve the integrity and availability of AMS data to Market Participants.
12. Improve settlement processes to facilitate changes in the ERCOT market design.
13. Collaborate with ERCOT Staff on the review of ancillary service needs and implement changes as necessary.
14. Work with ERCOT Staff to develop Protocols and market improvements that support increased data transparency and data availability to the market.
15. Work with ERCOT Staff to ensure appropriate credit and collateral rules exist or are created to facilitate market participation. Review available means to eliminate or substantially mitigate default uplift.
16. Develop analysis and implement reporting on the measures of the costs and benefits of changes in reliability requirements and actions, to include but not be limited to RUC impacts, changes in Ancillary Service quantities, and actions during emergency conditions.
17. Review integration and optimization of limited-duration Resources in the energy and Ancillary Service markets.
18. Support ERCOT in the identification, development, and implementation of bridging solutions in advance of longer term market design modifications.

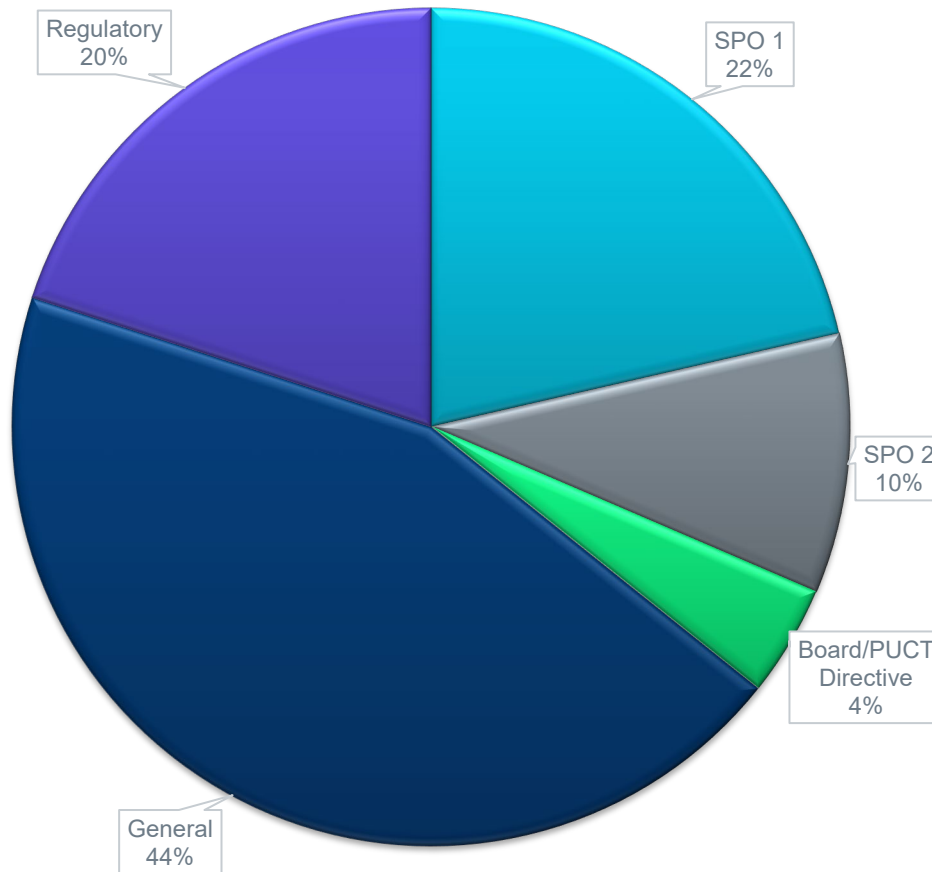
2024 Approved Revision Requests Mapped to 2024 Goals



***Revision Requests can satisfy multiple goals*



2024 Approved Revision Requests Mapped to Reasons for Revision



70 Revisions Requests approved in 2024

- NPRR – 41
- NOGRR – 9
- PGRR – 6
- RMGRR – 6
- OBDRR – 2
- SMOGRR – 2
- VCMRR – 2
- LPGRR – 1
- SCR – 1
- RRGRR – 0
- COPMGRR – 0

Revision Requests are limited to one Reason for Revision