



## Item 8: TAC Report

*Caitlin Smith*

2024 Technical Advisory Committee (TAC) Chair

Board of Directors Meeting

ERCOT Public

February 27, 2024

# Overview

- **Purpose**

Summary of TAC Update and January/February TAC Highlights

- **Voting Items / Requests**

No action is requested of the Board; for discussion only

- **Key Takeaways**

- TAC unanimously recommended approval of 18 Revision Requests
- TAC approved the 2024 Subcommittee and Subgroup Leadership and the 2024 TAC Goals

# Summary of TAC Update

## Revision Requests Recommended for Approval by TAC – Unopposed:

- NPRR1170, Submission of Gas Supply Disruption
- NPRR1179, Fuel Purchase Requirements for Resources Submitting RUC Fuel Costs – URGENT
- NPRR1193, Related to SMOGRR027, Move OBD to Settlement Metering Operating Guide – EPS Metering Design Proposal
- NPRR1195, Resource Entity Metering Facilities Maintenance
- NPRR1199, Implementation of Lone Star Infrastructure Protection Act (LSIPA) Requirements – URGENT
- NPRR1206, Revisions to QSE Operations and Termination Requirements, and Elimination of Providing Certain Market Participant Principal Information
- NPRR1207, Incidental Disclosure of Protected Information and ECEII During ERCOT Control Room Tours
- NPRR1208, Creation of Invoice Report
- NPRR1210, Next Start Resource Test and Load-Carrying Test Frequency
- NPRR1211, Move OBD to Section 22 – Methodology for Setting Maximum Shadow Prices for Network and Power Balance Constraints
- NPRR1213, Allow DGRs and DESRs on Circuits Subject to Load Shed to Provide ECRS and Clarify Language Regarding DGRs and DESRs Providing Non-Spin
- LPGRR074, Align Definitions of IDRRQ, LRG, and LRGDG
- NOGRR261, Move OBD to Section 8 – Procedure for Calculating RRS Limits for Individual Resources
- PGRR109, Dynamic Model Review Process Improvement for Inverter-Based Resource (IBR) Modification
- RMGRR179, TDSP Temporary Emergency Electric Energy Facility (TEEEF) Deployment Transactional Processing – URGENT
- SCR825, ERCOT Voice Communications Aggregation
- SMOGRR027, Move OBD to Settlement Metering Operating Guide – EPS Metering Design Proposal
- SMOGRR030, Move OBD to Settlement Metering Operating Guide – EPS Metering Facility Temporary Exemption Request Application Form

# January/February TAC Highlights

**Confirmation of 2024 TAC Subcommittee/Sub Group Leadership.** On 1/24/24 and 2/14/24, TAC confirmed the following subcommittee and sub group leadership for 2024.

## **Protocol Revision Subcommittee (PRS)**

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

## **Retail Market Subcommittee (RMS)**

Chair: John Schatz, Luminant Generation  
Vice Chair: Debbie McKeever, Oncor Electric Delivery

## **Reliability and Operations Subcommittee (ROS)**

Chair: Katie Rich, Luminant Generation  
Vice Chair: Alex Miller, EDF Renewables

## **Wholesale Market Subcommittee (WMS)**

Chair: Eric Blakey, Pedernales Electric Cooperative  
Vice Chair: Jim Lee, CenterPoint Energy

## **Credit Finance Sub Group (CFSG)**

Chair: Brenden Sager, Austin Energy  
Vice Chair: Loretto Martin, Reliant Energy Retail Services

## January/February TAC Highlights

**TNMP Pecos County Transmission Improvement Project.** On 1/24/24, TAC voted unanimously to endorse TNMP - Pecos County Transmission Improvement Project – Option 1 as recommended by ERCOT.

**Annual TAC/TAC Subcommittee Structural and Procedural Review.** On 1/24/24, TAC discussed the Annual TAC/TAC Subcommittee Structural and Procedural Review and agreed it would be more efficient and meaningful if it was held every other year. TAC recommends that the Annual Review be moved to an every other year schedule and not be conducted for 2024.

**TAC Goals and Strategic Initiatives.** On 2/14/24, TAC voted unanimously to approve the 2024 TAC Goals.

**TAC Review of Ancillary Service Methodology.** On 2/14/24, TAC discussed the review of the Ancillary Services Methodology. TAC will revisit the 2024 Ancillary Services Methodology in April and begin review of the 2025 Ancillary Services Methodology in June.

# January/February TAC Highlights

## 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.



# January/February TAC Highlights

## 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.