



## **Item 8: TAC Report**

*Bob Helton*

2022 Technical Advisory Committee (TAC) Vice  
Chair

Board of Directors Meeting

ERCOT Public  
October 18, 2022

# Summary of TAC Update

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

- NPRR1058, Resource Offer Modernization
- NPRR1118, Clarifications to the OSA Process
- NPRR1127, Clarification of ERCOT Hotline Uses
- NPRR1139, Adjustments to Capacity Shortfall Ratio Share for IRRs
- NPRR1140, Recovering Fuel Costs for Generation Above LSL During RUC-Committed Hours
- NOGRR241, Related to NPRR1127, Clarification of ERCOT Hotline Uses
- SCR820, Operator Real-Time Messaging During Emergency
- SCR823, ERCOT Mass System “County Name” File Updates for Texas SET V5.0 Implementation – URGENT

## **Revision Requests Recommended for Approval by TAC – Non-Unanimous**

- NPRR1084, Improvements to Reporting of Resource Outages, Derates, and Startup Loading Failures

# Summary of TAC Update

## September TAC Highlights

- TAC Procedural and Structural Review
- Major Transmission Elements (MTE) List

## Guide Revisions Recommended for Approval by TAC

- NOGRR242, Update POIB References

# Revision Requests with Opposing Votes (Vote)

## ***NPRR1084, Improvements to Reporting of Resource Outages, Derates, and Startup Loading Failures***

|                                      |  |
|--------------------------------------|--|
| <b>Purpose (ERCOT)</b>               | This NPRR allows ERCOT to provide important information about Resource Forced Outages, Forced Derates, and Startup Loading Failures to the public in a more complete and timely manner.  |
| <b>TAC Vote</b>                      | On 9/28/22, TAC voted to recommend approval of NPRR1084 as recommended by PRS in the 9/15/22 PRS Report. There was one opposing vote from the Generator (Luminant) Market Segment and two abstentions from the Independent Generator (Calpine) and Independent Retail Electric Provider (IREP) (Reliant) Market Segments.  |
| <b>ERCOT Market Impact Statement</b> | ERCOT Staff has reviewed NPRR1084 and believes the market impact for NPRR1084 clarifies and improves ERCOT's situational awareness regarding the complete and accurate reporting of Forced Outages, Forced Derates, and Startup Loading Failures.  |
| <b>Effective Date/Priority</b>       | Upon system implementation   |
| <b>ERCOT Impact</b>                  | Between \$40k - \$60k (O&M); impacts to Outage Management Systems  |
| <b>Business Case Highlights</b>      | During and following the February 2021 extreme cold weather event, regulators, legislators, and the public reasonably requested information from ERCOT about Resource Outages associated with the event. The current requirements for entering Forced Outages and Forced Derates of Resources into the Outage Scheduler are inadequate for complete and timely reporting of all Forced Outages and Derates. Specifically, Forced Outages with a duration of less than two hours are not required to be entered into the Outage Scheduler, leading to an incomplete view of the number of Outages. In addition, there is no specified deadline for entering Forced Outages or Forced Derates into Outage Scheduler. This also results in incorrect reporting of the Real-Time and future MW impact of Forced Outages and Forced Derates, as this information is often not entered into Outage Scheduler until days after the fact. The revisions proposed in this NPRR will not only improve the quality of ERCOT's post-event reporting, but will ensure that ERCOT's operators and engineers have more accurate and timely information about the availability and capability of Resources for use in future-looking studies. When Forced Outages and Forced Derates are not entered into the Outage Scheduler in a timely manner, ERCOT's situational awareness, operational planning analyses, and operating plans can be negatively impacted. |

# September TAC Highlights

## September TAC Highlights

**TAC/TAC Subcommittee Structural and Procedural Review.** On 9/12/22, TAC leadership hosted a meeting to discuss its annual TAC and TAC Subcommittee structural and procedural review. Results and recommendations were considered and endorsed at the 9/28/22 TAC meeting.

**Major Transmission Elements (MTE) List.** On 9/28/22, TAC voted unanimously to approve the MTE List as endorsed by WMS and ROS.

## Notice of Guide Revisions Recommended for Approval by TAC (*Pending PUCT Approval*)

**NOGRR242, Update POIB References.** This Nodal Operating Guide Revision Request (NOGRR) updates references to Point of Interconnection (POI) to Point of Interconnection Bus (POIB).