



Item 8: TAC Report

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2022 Technical Advisory Committee (TAC) Chair

Board of Directors Meeting

ERCOT Public

August 16, 2022

Summary of TAC Update

Revision Requests Recommended for Approval by TAC – Unopposed:

- NPRR1085, Ensuring Continuous Validity of Physical Responsive Capability (PRC) and Dispatch through Timely Changes to Resource Telemetry and Current Operating Plans (COPs)
- NPRR1131, Controllable Load Resource Participation in Non-Spin
- NPRR1133, Clarify Responsibilities for Submission of Planning Model Data for DC Ties
- NPRR1134, Related to RMGRR168, Modify ERCOT's Mass Transition Responsibilities
- NPRR1135, Add On-Line Status Check for Resources Telemetering OFFNS for Ancillary Service Imbalance Settlements
- NPRR1136, Updates to Language Regarding a QSE Moving Ancillary Service Responsibility Between Resources
- NPRR1137, Updates to Section 1.1 to Modify the OBD List Review Timeline and Other Clarifications
- OBDRR040, ORDC Changes Related to NPRR1131, Controllable Load Participation in Non-Spin
- PGRR101, Related to NPRR1133, Clarify Responsibilities for Submission of Planning Model Data for DC Ties
- RMGRR168, Modify ERCOT's Mass Transition Responsibilities
- SCR822, Create Daily Energy Storage Integration Report and Dashboard



Summary of TAC Update

Revision Requests Recommended for Approval by TAC – Non-Unanimous

- NPRR1142, ERS Changes to Reflect Updated PUCT Rule Changes re SUBST. R. 25.507 – URGENT
- OBDRR042, Related to NPRR1142, ERS Changes to Reflect Updated PUCT Rule Changes re SUBST. R. 25.507 – URGENT

June/July TAC Highlights

- Southern Cross Directive 1, Registration and Market Segment
- Southern Cross Directive 11, Cost Allocation
- Southern Cross Directive 12, QSE Costs
- Analysis on Changing Generation Cost Scaling in HRUC
- Roanoke Area Upgrades Project
- Bearkat – North McCamey – Sand Lake 345-kV Transmission Addition Project
- TAC Procedural and Structural Review

Revision Requests with Opposing Votes (Vote)

NPRR1142, ERS Changes to Reflect Updated PUCT Rule Changes re SUBST. R. 25.507 - URGENT

Purpose (ERCOT)	This Nodal Protocol Revision Request (NPRR) increases the annual budget for the ERS, allows ERCOT the flexibility to contract ERS for up to 24 hours in an ERS Standard Contract Term, and makes other administrative changes to the ERS program.
TAC Vote	On 7/27/22, TAC voted to recommend approval of NPRR1142 as recommended by PRS in the 7/22/22 PRS Report. There was one opposing vote from the Independent Power Marketer (IPM) (Morgan Stanley) Market Segment.
ERCOT Market Impact Statement	ERCOT Staff has reviewed NPRR1142 and believes the market impact for NPRR1142 helps ensure alignment between Protocols and PUC Substantive Rules.
Effective Date/Priority	Following Public Utility Commission of Texas (PUCT) approval – August 26, 2022
ERCOT Impact	Between \$10k - \$20k (O&M); impacts to Market Operation Systems and Data Management & Analytic Systems; ERCOT business practices will be updated
Business Case Highlights	In PUCT Project No. 53493, Emergency Response Service, PUCT Staff filed a Proposal for Publication to amend P.U.C. SUBST. R. 25.507, Electric Reliability Council of Texas (ERCOT) Emergency Response Service (ERS), which “increases the annual budget for ERS, allows ERCOT the flexibility to contract ERS for up to 24 hours in a contract term to better address seasonal needs, and makes other administrative changes to the program.” Conditioned upon the PUCT approving P.U.C. SUBST. R. 25.507 in PUCT Project No. 53493, ERCOT is revising the ERCOT Protocols and the Emergency Response Service Procurement Methodology to make clear the increase to the annual budget for ERS, the 24 hour maximum deployment obligation time for each ERS Contract Period, and other administrative changes to the program. These changes will be applicable for all activities related to administering ERS beginning with the December 2022 to March 2023 ERS Standard Contract Term and all subsequent ERS Standard Contract Terms.



OBDRR042, Related to NPRR1142, ERS Changes to Reflect Updated PUCT Rule Changes re SUBST. R. 25.507 – URGENT

Purpose (ERCOT)	This Other Binding Document Revision Request (OBDRR) increases the annual budget for the Emergency Response Service (ERS) and makes other administrative changes to the ERS program.
TAC Vote	On 7/27/22, TAC voted to grant OBDRR042 Urgent status; and recommend approval of OBDRR042 as amended by the 7/20/22 ERCOT comments; and the 7/14/22 Impact Analysis. There was one opposing vote from the Independent Power Marketer (IPM) (Morgan Stanley) Market Segment.
ERCOT Market Impact Statement	ERCOT Staff has reviewed OBDRR042 and believes the market impact for OBDRR042 helps ensure alignment between the Other Binding Documents and PUC Substantive Rules.
Effective Date/Priority	Upon implementation of NPRR1142
ERCOT Impact	No impact
Business Case Highlights	In PUCT Project No. 53493, Emergency Response Service, PUCT Staff filed a Proposal for Publication to amend P.U.C. SUBST. R. 25.507, Electric Reliability Council of Texas (ERCOT) Emergency Response Service (ERS), which “increases the annual budget for ERS, allows ERCOT the flexibility to contract ERS for up to 24 hours in a contract term to better address seasonal needs, and makes other administrative changes to the program.” Conditioned upon the PUCT approving P.U.C. SUBST. R. 25.507 in PUCT Project No. 53493, ERCOT is revising the ERCOT Protocols and the Emergency Response Service Procurement Methodology to make clear the increase to the annual budget for ERS, the 24 hour maximum deployment obligation time for each ERS Contract Period, and other administrative changes to the program. These changes will be applicable for all activities related to administering ERS beginning with the December 2022 to March 2023 ERS Standard Contract Term and all subsequent ERS Standard Contract Terms.



June/July TAC Highlights



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Southern Cross Directive 1, Registration and Market Segment. On 6/27/22, TAC voted to endorse the ERCOT proposal for Southern Cross Directive 1 as presented by ERCOT with one abstention from the Municipal (GP&L) Market Segment.

Southern Cross Directive 11, Cost Allocation. On 6/27/22, TAC voted to endorse the ERCOT proposal for Southern Cross Directive 11 as presented by ERCOT with three abstentions from the Independent Generator (2) (Luminant, Calpine) and Municipal (GP&L) Market Segments.

Southern Cross Directive 12, QSE Costs. On 6/27/22, TAC voted to endorse the ERCOT proposal for Southern Cross Directive 12 as presented by ERCOT with one abstention from the Municipal (GP&L) Market Segment.

Analysis on Changing Generation Cost Scaling in HRUC. On 7/27/22, TAC unanimously voted to recommend approval of the change to the RUC cost scaling parameter in Protocol Section 5.5.2 from 20% to 100%.



June/July TAC Highlights

Roanoke Area Upgrades Project. On 7/27/22, TAC voted unanimously to endorse the Roanoke Area Upgrades Project Option 2 as presented.

Bearkat – North McCamey – Sand Lake 345-kV Transmission Addition Project. On 7/27/22, TAC voted unanimously to endorse the Bearkat – North McCamey – Sand Lake 345-kV Transmission Addition Project Stage 2 Upgrade as presented.

Annual TAC/TAC Subcommittee Structural and Procedural Review. TAC and its subcommittees have begun their annual structural and procedural review by completing self-assessments; and plans on holding its annual review meeting on September 12, 2022.