

**ERCOT TECHNICAL ADVISORY COMMITTEE (TAC) MEETING – (IN-PERSON/WEBEX)
December 5, 2022 / 9:30 a.m. – 12:00 p.m.**

Webex Conference

Teleconference: 877-668-4493

Meeting Number: 2558 869 8937

Meeting Password: NNmY#38

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| 1. | Antitrust Admonition | Clif Lange | 9:30 a.m. |
| 2. | Approval of TAC Meeting Minutes (Vote) <ul style="list-style-type: none">• October 26, 2022 | Clif Lange | 9:35 a.m. |
| 3. | Meeting Updates <ul style="list-style-type: none">• November 3, 2022 PUCT Open Meeting | Clif Lange | 9:40 a.m. |
| 4. | Review of ERCOT Market Impact Statements/Opinions and IMM Opinions | Ann Boren/
Carrie Bivens | 9:45 a.m. |
| 5. | PRS Report (Vote) <ul style="list-style-type: none">• NPRR1132, Communicate Operating Limitations during Cold and Hot Weather Conditions• NPRR1138, Communication of Capability and Status of Online IRRs at 0 MW Output - URGENT• NPRR1152, Remove Requirements to Submit Emergency Operations Plans, Weatherization Plans, and Declarations of Summer/Winter Weather Preparedness - URGENT• NPRR1154, Include Alternate Resource in the Availability Plan for the Firm Fuel Supply Service - URGENT• SCR821, Voltage Set Point Target Information for Distribution Generation Resource (DGR) or Distribution Energy Storage Resource (DESR) | Martha Henson | 9:50 a.m. |
| 6. | Review of Comments (Vote) <ul style="list-style-type: none">• NPRR1128, Allow FFR Procurement up to FFR Limit Without Proration – 10/31/22 ERCOT comments• OBDRR043, Related to NPRR1148, Language Cleanup Related to ERCOT Contingency Reserve Service (ECRS) – 11/23/22 ERCOT comments | Ann Boren | 10:10 a.m. |
| 7. | RMS Report | John Schatz | 10:20 a.m. |
| 8. | ROS Report (Vote) <ul style="list-style-type: none">• RRGR032, Related to NPRR1132, Communicate Operating Limitations during Cold and Hot Weather Conditions• NOGR226, Addition of Supplemental UFLS Stages• NOGR243, Implementation of Seasonal Load Shed Tables - URGENT | Chase Smith | 10:40 a.m. |
| 9. | WMS Report | Resmi Surendran | 11:00 a.m. |

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| 10. ERCOT Reports | | 11:20 a.m. |
| • 2023 Ancillary Services Methodology (Vote) | Nitika Mago | |
| 11. Other Business | | 11:40 a.m. |
| • 2023 ERCOT Calendar – TAC Meeting Dates | | |
| 12. Combo Ballot (Vote) | Clif Lange | 11:45 a.m. |
| Adjourn | | 12:00 p.m. |

<u>Open Action Items from Previous Meeting(s)</u>	<u>Responsible Party</u>
• 10/28/20 – Address Day-Ahead Market (DAM) Performance (DAM delays)	WMS
• 4/28/21 - Remaining KTCs from Battery Energy Storage Task Force (BESTF)	
○ KTC 15-3 Switchable Resources	ROS/WMS
○ KTC 15-4 Provisions Associated with Delayed Outages	ROS/WMS
○ KTC 15-5 Black Start Service	ROS
○ KTC 15-6 RMR and MRA Services	ROS/WMS
○ KTC 15-9 Governor Dead-band Telemetry as a Concept	ROS
• 6/30/21 - Review the issues raised along with the impacts of OBDRR031 and return to the October 27, 2021 TAC meeting with recommendations.	WMS
• 11/29/21 – Review issues related to NPRR1105, Option to Deploy Distribution Voltage Reduction Measures Prior to Energy Emergency Alert (EEA)	WMS
○ WMS - review costs of deployment	
• 11/29/21 – Review issues related to Addition of Weatherization Inspection Fees to the ERCOT Fee Schedule and Clarification of Generation	WMS
○ Review if allocation should be done on a cost basis; use more equitable methodology	
• 11/29/21 – Review issues related to 2022 Ancillary Services Methodology	ROS
○ Review quantifiable way to measure costs associated with conservative approach	
• 1/31/22 – Review Department of Energy order regarding emissions limitations, fuel limitations, and increased RUC activity and potential mechanisms to address the issues	WMS
• 2/23/22 – Review 2022 Winter Storm – ERCOT to provide updates to ROS	ROS
• 3/30/22 - Review solutions including those that may require ERCOT system-changes to manage reliability risk related to provision of Ancillary Services from limited-duration Resources (Related to NPRR1096, Require Sustained Two-Hour Capability for ECRS and Four-Hour Capability for Non-Spin)	TAC
• 5/25/22 – Review Weatherization inspection fee methodology (related to NPRR1130)	TAC
• 7/27/22 – Annual Review of Generation Cost Scaling in HRUC (Protocol Section 5.5.2)	TAC
• 7/27/22 – Review of RUC Compensation for gaps including Revision Requests	WMS
• 7/27/22 – Capacity calculation for conservation appeal – installed capacity vs. seasonal max (7/13 ERCOT Conservation Appeal)	WMS
• 9/28/22 – Revise Credit Work Group (Credit WG) Charter to address voting and reporting structure (Reporting directly to TAC); and to address incorporation of Market Credit Working Group (MCWG)	Credit WG/TAC
• 9/28/22 – Develop NPRR to include Priority Revision Request Process into Section 21	PRS
• 9/28/22 – Review of efficiency of ERS program stemming from discussion of Self-	ERCOT/WMS

deployment of ERS during July 13 Deployment Event	
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