

**ERCOT TECHNICAL ADVISORY COMMITTEE (TAC) MEETING – (WEBEX ONLY)**  
**May 23, 2023 / 9:30 a.m. – 1:00 p.m.**

**Webex Conference**

Teleconference: 877-668-4493

Meeting Number: 2556 637 0797

Meeting Password: Rm#Pa36

- |    |   |                             |            |
|----|---|-----------------------------|------------|
| 1. | Antitrust Admonition  | Clif Lange                  | 9:30 a.m.  |
| 2. | Approval of TAC Meeting Minutes (Possible Vote) <ul style="list-style-type: none"> <li>• March 21, 2023</li> <li>• March 31, 2023</li> <li>• April 10, 2023</li> </ul>  | Clif Lange                  | 9:35 a.m.  |
| 3. | Meeting Updates <ul style="list-style-type: none"> <li>• March 23, 2023 PUCT Meeting</li> <li>• April 17-18 Board Meetings</li> <li>• May 11, 2023 PUCT Meeting</li> </ul>  | Clif Lange                  | 9:40 a.m.  |
| 4. | Review of ERCOT Market Impact Statements/Opinions and IMM Opinions  | Ann Boren/<br>Carrie Bivens | 9:50 a.m.  |
| 5. | PRS Report (Vote) <ul style="list-style-type: none"> <li>• NPRR1143, Provide ERCOT Flexibility to Determine When ESRs May Charge During an EEA Level 3</li> <li>• NPRR1161, Clarify AVR Notification Requirements for IRRs</li> <li>• NPRR1163, Related to LPGRR070, Discontinuation of Interval Data Recorder (IDR) Meter Weather Sensitivity Process</li> <li>• NPRR1166, Protected Information Status of DC Tie Schedule Information</li> <li>• NPRR1167, Improvements to Firm Fuel Supply Service Based on Lessons Learned</li> <li>• NPRR1168, Related to RMGRR172, Texas SET V5.0 Continuous Service Agreements Changes</li> <li>• NPRR1169, Expansion of Generation Resources Qualified to Provide Firm Fuel Supply Service in Phase 2 of the Service - URGENT</li> <li>• NPRR1177, Enhance Exceptional Fuel Cost Process – URGENT</li> <li>• NPRR1178, Expectations for Resources Providing ERCOT Contingency Reserve Service – URGENT</li> </ul> | Martha Henson               | 9:55 a.m.  |
| 6. | Other Binding Documents (Vote) <ul style="list-style-type: none"> <li>• OBDRR045, Additional Revisions to Demand Response Data Definitions and Technical Specifications</li> </ul>  | Thomas Urquhart             | 10:20 a.m. |
| 7. | RMS Report (Vote) <ul style="list-style-type: none"> <li>• RMGRR172, Texas SET V5.0 Continuous Service Agreements Changes</li> </ul>  | Debbie McKeever             | 10:25 a.m. |
| 8. | ROS Report (Vote) <ul style="list-style-type: none"> <li>• NOGRR246, Related to NPRR1161, Clarify AVR Notification Requirements for IRRs</li> </ul>   | Chase Smith                 | 10:45 a.m. |

- NOGRR253, Related to NPRR1178, Expectations for Resources Providing ERCOT Contingency Reserve Service – URGENT

9.	WMS Report (Vote) <ul style="list-style-type: none"> <li>• VCMRR031, Clarification Related to Variable Costs in Fuel Adders</li> <li>• WMS Goals</li> </ul>	Eric Blakey	11:05 a.m.
10.	Credit Finance Sub Group (CFSG) Report (Vote) <ul style="list-style-type: none"> <li>• Approval of CFSG Leadership</li> <li>• Approval of CFSG Membership</li> </ul>	Brenden Sager	11:25 a.m.
11.	ERCOT Reports <ul style="list-style-type: none"> <li>• ECRS Market Readiness</li> <li>• Real-Time Co-optimization (RTC) Update</li> <li>• Review of Potential DAM Price Correction for Certain Days in February-March '23 – Inclusion of ESR CLR's in Load Zone Pricing</li> <li>• Firm Fuel Supply Service Settlement Report</li> </ul>	Matt Mereness  Matt Young  Magie Shanks	11:45 p.m.
12.	Other Business <ul style="list-style-type: none"> <li>• Incorporation of Other Binding Documents into Protocols/Guides</li> </ul>	Ann Boren	12:25 p.m.
13.	Combo Ballot (Vote)	Clif Lange	12:35 p.m.
	Adjourn		12:40 p.m.

<b><u>Open Action Items from Previous Meeting(s)</u></b>	<b><u>Responsible Party</u></b>
• 10/28/20 – Address Day-Ahead Market (DAM) Performance (DAM delays)	WMS
• 4/28/21 - Remaining KTCs from Battery Energy Storage Task Force (BESTF) <ul style="list-style-type: none"> <li>○ KTC 15-3 Switchable Resources</li> <li>○ KTC 15-4 Provisions Associated with Delayed Outages</li> <li>○ KTC 15-5 Black Start Service</li> <li>○ KTC 15-6 RMR and MRA Services</li> <li>○ KTC 15-9 Governor Dead-band Telemetry as a Concept</li> </ul>	ROS/WMS ROS/WMS ROS ROS/WMS 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) <ul style="list-style-type: none"> <li>○ WMS - review costs of deployment</li> </ul>	WMS
• 11/29/21 – Review issues related to Addition of Weatherization Inspection Fees to the ERCOT Fee Schedule and Clarification of Generation <ul style="list-style-type: none"> <li>○ Review if allocation should be done on a cost basis; use more equitable methodology</li> </ul>	WMS
• 11/29/21 – Review issues related to 2022 Ancillary Services Methodology <ul style="list-style-type: none"> <li>○ Review quantifiable way to measure costs associated with conservative approach</li> </ul>	ROS
• 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-deployment of ERS during July 13 Deployment Event	ERCOT/WMS
• 12/5/22 – Calculation of Real-Time Load and Load shedding – Real-Time Solution (Related to NOGRR243, Implementation of Seasonal Load Shed Tables)	ROS
• 12/5/22 – CSAPR NOx Season Allowance	ROS/WMS
• 3/21/23 – Develop a process in support of TAC Goal #18 - Review market design changes and reliability enhancements implemented following Winter Storm Uri and the subsequent legislative and regulatory requirements to ensure consistency of holistic market design. At each meeting of the TAC in 2023, review and discuss one adopted element, including items such as FFS, NPRR1105, NPRR1108, ERS, ORDC, etc.	TAC