

**ERCOT TECHNICAL ADVISORY COMMITTEE (TAC) MEETING – (IN-PERSON/WEBEX)  
March 21, 2023 / 9:30 a.m. – 1:30 p.m.**

**Webex Conference**

Teleconference: 877-668-4493

Meeting Number: 2557 099 0806

Meeting Password: P4#9wX

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| 1. | Antitrust Admonition  | Suzy Clifton                | 9:30 a.m.  |
| 2. | Approval of TAC Meeting Minutes (Possible Vote) <ul style="list-style-type: none"> <li>February 20, 2023</li> </ul>   | Clif Lange                  | 9:35 a.m.  |
| 3. | Meeting Updates <ul style="list-style-type: none"> <li>February 27-28 Board Meetings</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>NPRR1145, Use of State Estimator-Calculated ERCOT-Wide TLFs in Lieu of Seasonal Base Case ERCOT-Wide TLFs for Settlement</li> <li>NPRR1155, Attestation Regarding Market Participant Citizenship, Ownership, or Headquarters</li> <li>2023 PRS Goals</li> </ul>  | Martha Henson               | 9:55 a.m.  |
| 6. | Other Binding Documents <ul style="list-style-type: none"> <li>OBDRR044, Related to NPRR1085, Ensuring Continuous Validity of Physical Responsive Capability (PRC) and Dispatch through Timely Changes to Resource Telemetry and Current Operating Plans (COPs)</li> </ul>  | David Maggio                | 10:15 a.m. |
| 7. | Revision Requests Tabled at TAC (Vote) <ul style="list-style-type: none"> <li>NPRR1157, Incorporation of PUCT Approval into Revision Request Process</li> </ul>   | Clif Lange                  | 10:25 a.m. |
| 8. | RMS Report (Vote) <ul style="list-style-type: none"> <li>RMGRR173, Related to NPRR1157, Incorporation of PUCT Approval into Revision Request Process – URGENT</li> <li>LPGRR071, Reduced Timing Requirement for Submittal of Usage and Demand Values by Opt-In Entities – URGENT</li> <li>LPGRR072, Related to NPRR1157, Incorporation of PUCT Approval into Revision Request Process – URGENT</li> </ul>                   | Debbie McKeever             | 10:35 a.m. |
| 9. | ROS Report (Vote) <ul style="list-style-type: none"> <li>NOGRR248, Related to NPRR1157, Incorporation of PUCT Approval into Revision Request Process – URGENT</li> <li>PGRR104, Related to NPRR1157, Incorporation of PUCT Approval into Revision Request Process – URGENT</li> <li>RRGRR034, Related to NPRR1157, Incorporation of PUCT Approval into Revision Request Process – URGENT</li> <li>2023 ROS Goals</li> </ul> | Chase Smith                 | 10:55 a.m. |

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| 10. WMS Report (Vote)   | Eric Blakey   | 11:15 a.m.   |
| <ul style="list-style-type: none"> <li>• COPMGR049, Related to NPRR1157, Incorporation of PUCT Approval into Revision Request Process – URGENT</li> <li>• SMOGR026, Related to NPRR1157, Incorporation of PUCT Approval into Revision Request Process – URGENT</li> <li>• VCMRR036, Related to NPRR1157, Incorporation of PUCT Approval into Revision Request Process – URGENT</li> </ul> |               |  |
| 11. Market Credit Working Group (MCWG) Report (Vote)  | Brenden Sager | 11:25 a.m.   |
| <ul style="list-style-type: none"> <li>• Formation of New Credit and Finance Sub Group (CFSG) and Charter</li> </ul>  |               |  |
| 12. TAC Procedures (Vote)   | Clif Lange    | 11:45 a.m.   |
| 13. Phase 2 Bridging Options (Possible Vote)  | Kenan Ogelman | 11:55 a.m.   |
| 14. ERCOT Reports   |               | 12:30 p.m.   |
| <ul style="list-style-type: none"> <li>• Review of Potential Price Correction for Feb. 5, 2023 – Generic Transmission Constraint Error Impacting Real-Time</li> <li>• Winter Storm Elliott – Load Forecast and Resource Performance Update</li> <li>• ECRS Market Readiness</li> <li>• Real-Time Co-optimization (RTC) Update</li> </ul>  |               | David Maggio<br><br>David Kezell/Jeff Billo<br>Matt Mereness |
| 15. Other Business  |               | 1:15 p.m.  |
| 16. Combo Ballot (Vote)   | Clif Lange    | 1:20 p.m.  |
| Adjourn   |               | 1:25 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	WMS

<ul style="list-style-type: none"> <li>○ Review if allocation should be done on a cost basis; use more equitable methodology</li> </ul>	
<ul style="list-style-type: none"> <li>• 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> </li> </ul>	ROS
<ul style="list-style-type: none"> <li>• 1/31/22 – Review Department of Energy order regarding emissions limitations, fuel limitations, and increased RUC activity and potential mechanisms to address the issues</li> </ul>	WMS
<ul style="list-style-type: none"> <li>• 2/23/22 – Review 2022 Winter Storm – ERCOT to provide updates to ROS</li> </ul>	ROS
<ul style="list-style-type: none"> <li>• 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)</li> </ul>	TAC
<ul style="list-style-type: none"> <li>• 5/25/22 – Review Weatherization inspection fee methodology (related to NPRR1130)</li> </ul>	TAC
<ul style="list-style-type: none"> <li>• 7/27/22 – Annual Review of Generation Cost Scaling in HRUC (Protocol Section 5.5.2)</li> </ul>	TAC
<ul style="list-style-type: none"> <li>• 7/27/22 – Review of RUC Compensation for gaps including Revision Requests</li> </ul>	WMS
<ul style="list-style-type: none"> <li>• 7/27/22 – Capacity calculation for conservation appeal – installed capacity vs. seasonal max (7/13 ERCOT Conservation Appeal)</li> </ul>	WMS
<ul style="list-style-type: none"> <li>• 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)</li> </ul>	Credit WG/TAC
<ul style="list-style-type: none"> <li>• 9/28/22 – Develop NPRR to include Priority Revision Request Process into Section 21</li> </ul>	PRS
<ul style="list-style-type: none"> <li>• 9/28/22 – Review of efficiency of ERS program stemming from discussion of Self-deployment of ERS during July 13 Deployment Event</li> </ul>	ERCOT/WMS
<ul style="list-style-type: none"> <li>• 12/5/22 – Calculation of Real-Time Load and Load shedding – Real-Time Solution (Related to NOGRR243, Implementation of Seasonal Load Shed Tables)</li> </ul>	ROS
<ul style="list-style-type: none"> <li>• 12/5/22 – CSAPR NOx Season Allowance</li> </ul>	ROS/WMS