

**ERCOT TECHNICAL ADVISORY COMMITTEE (TAC) MEETING – WEBEX ONLY**  
**November 29, 2021 / 9:00 a.m. – 1:00 p.m.**

**Webex Conference**

Teleconference: 877-668-4493

Meeting Number: 2554 055 1223

Meeting Password: 2mR3#

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|----|---|----------------|------------|
| 1. | Antitrust Admonition  | Clif Lange     | 9:00 a.m.  |
| 2. | Approval of TAC Meeting Minutes (Vote)  | Clif Lange     | 9:05 a.m.  |
|    | • September 29, 2021  |                |            |
| 3. | October Board Update  | Clif Lange     | 9:10 a.m.  |
| 4. | Emergency Conditions Issues List Review (Possible Vote)   | Clif Lange     | 9:15 a.m.  |
| 5. | Review of ERCOT Market Impact Statements and ERCOT Opinions   | Ann Boren      | 9:35 a.m.  |
| 6. | PRS Report (Vote)   | Martha Henson  | 9:40 a.m.  |
|    | • NPRR1077, Extension of Self-Limiting Facility Concept to Settlement Only Generators (SOGs) and Telemetry Requirements for SOGs  |                |            |
|    | • NPRR1091, Changes to Address Market Impacts of Additional Non-Spin Procurement - URGENT   |                |            |
|    | • NPRR1094, Allow Under Frequency Relay Load to be Manually Shed During EEA3  |                |            |
|    | • NPRR1101, Create Non-Spin Deployment Groups made up of Generation Resources Providing Off-Line Non-Spinning Reserve and Load Resources that are Not Controllable Load Resources Providing Non-Spinning Reserve - URGENT |                |            |
|    | • NPRR1103, Securitization – PURA Subchapter M Default Charges - URGENT   |                |            |
|    | • NPRR1104, As-Built Definition of Real Time Liability Extrapolated (RTLE) – URGENT   |                |            |
|    | • NPRR1105, Option to Deploy Distribution Voltage Reduction Measures Prior to Energy Emergency Alert (EEA) – URGENT   |                |            |
|    | • NPRR1106, Deployment of Emergency Response Service (ERS) Prior to Declaration of Energy Emergency Alert (EEA) – URGENT  |                |            |
|    | • NPRR1107, Addition of Weatherization Inspection Fees to the ERCOT Fee Schedule and Clarification of Generation Interconnection Request Fees – URGENT  |                |            |
|    | • NPRR1109, Process for Reinstating Decommissioned Generation Resources – URGENT  |                |            |
| 7. | Other Binding Document Revision Requests (Vote)   |                | 10:10 a.m. |
|    | • OBDRR034, Related to NPRR1099, Managing Network Operations Model Resource Nodes   | Alfredo Moreno |            |
|    | • OBDRR035, Related to NPRR1101, Create Non-Spin Deployment Groups made up of Generation Resources Providing Off-Line Non-Spinning Reserve and Load Resources that are Not Controllable                                   | Sandip Sharma  |            |

Load Resources Providing Non-Spinning Reserve			
<ul style="list-style-type: none"> <li>• OBDRR036, Related to NPRR1106, Deployment of Emergency Response Service (ERS) Prior to Declaration of Energy Emergency Alert (EEA)</li> </ul>			
8.	Revision Requests Tabled at TAC (Vote)	Clif Lange	10:30 a.m.
<ul style="list-style-type: none"> <li>• OBDRR026, Change Shadow Price Caps to Curves and Remove Shift Factor Threshold</li> <li>• RRGR030, Allow New Voltage Levels in Resource Registration Information</li> </ul>			
9.	RMS Report	Jim Lee	10:40 a.m.
10.	ROS Report (Vote)	Chase Smith	11:00 a.m.
<ul style="list-style-type: none"> <li>• NOGRR231, Update ERCOT Regional Map</li> <li>• NOGRR233, Related to NPRR1094, Allow Under Frequency Relay Load to be Manually Shed During EEA3</li> <li>• NOGRR236, Related to NPRR1105, Option to Deploy Distribution Voltage Reduction Measures Prior to Energy Emergency Alert (EEA) – URGENT</li> <li>• NOGRR237, Related to NPRR1106, Deployment of Emergency Response Service (ERS) Prior to Declaration of Energy Emergency Alert (EEA) – URGENT</li> <li>• PGRR092, Related to NPRR1077, Extension of Self-Limiting Facility Concept to Settlement Only Generators (SOGs) and Telemetry Requirements for SOGs</li> <li>• RRGR029, Related to NPRR1077, Extension of Self-Limiting Facility Concept to Settlement Only Generators (SOGs) and Telemetry Requirements for SOGs</li> </ul>			
11.	WMS Report	Resmi Surendran	11:20 a.m.
12.	ERCOT Reports	John Bernecker	11:40 a.m.
<ul style="list-style-type: none"> <li>• Steady-State Voltage Performance Criteria for Geomagnetic Disturbance Vulnerability Assessments – Planning Guide Section 3.1.8 (Vote)</li> <li>• Lower Rio Grande Valley (LRGV) System Enhancement RPG Project (Vote)</li> <li>• 2022 Ancillary Services Methodology (Vote)</li> <li>• Review of Potential Price Correction – GTC Modeling Error Impacting DAM</li> <li>• Securitization Update</li> <li>• Fast-Frequency Response (FFR) Advancement Project Update <ul style="list-style-type: none"> <li>○ December 7, 2021 1-4pm Technical Workshop for FFRA Project</li> </ul> </li> <li>• ERCOT.com Update</li> </ul>		Fred Huang	
		Nitika Mago	
		Alfredo Moreno	
		Mark Ruane	
		Matt Mereness	
		Amy Lofton	
13.	Other Business	Ann Boren	12:30 p.m.
<ul style="list-style-type: none"> <li>• 2022 Membership/Segment Elections</li> <li>• Update on Resumption of In-Person Stakeholder Meetings</li> </ul>			

- Reminder regarding Fifty-first Annual Membership Meeting By Teleconference Jon Levine
- Urgent NPRR Submittal Discussion Kenan Ogelman

14. Combo Ballot (Vote) 12:50 p.m.

Adjourn 1:00 p.m.

<b><u>Open Action Items from Previous Meeting(s)</u></b>	<b><u>Responsible Party</u></b>
• 11/30/17 – Review submission of TDSP read meter data for Loads with Interval Data Recorder (IDR) Meters and Settlement Only Generators with Interval Data Recorders prior to Initial settlement of an Operating Day (Settlement – WMS)	WMS/RMS
• 5/22/19 – Develop and implement updated methodology used to determine cost of new entry (CONE)	WMS
• 10/28/20 – Address Day-Ahead Market (DAM) Performance (DAM delays)	WMS
• 3/24/21 – <a href="#">Emergency Conditions List Review</a>	RMS/WMS/ROS/ CWG/MCWG
<ul style="list-style-type: none"> <li>• 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> </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.	ROS/WMS