**AGENDA**

**ERCOT Reliability Operations Subcommittee (ROS) Meeting**

**ERCOT Austin – 8000 Metropolis Drive (Building E), Suite 100 – Austin, Texas 78744**

Thursday, May 1, 2025 9:30 a.m.

<https://ercot.webex.com>

Teleconference: 877-668-4493

Meeting number: 2555 193 0676

Password: ZXe#36

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|  | Validation for ROS Standing Representatives | Suzy Clifton | 9:15 a.m. |
| 1. | Antitrust Admonition | Katie Rich | 9:30 a.m. |
| 2. | Agenda Review | Katie Rich |  |
| 3. | Approval of ROS Meeting Minutes (Possible Vote) | Katie Rich |  |
|  | * April 3, 2025 | Katie Rich |  |
| 4. | Technical Advisory Committee (TAC) Update | Katie Rich |  |
| 5. | ERCOT Reports |  | 9:45 a.m. |
|  | * Operations Report | Alex Lee |  |
|  | * System Planning Report | Ping Yan |  |
| 6. | **Urgency Votes (Waive Notice – Possible Votes)** | Katie Rich | 9:55 a.m. |
|  | * **NPRR1282, Ancillary Service Duration under Real-Time Co-Optimization** | Nitka Mago |  |
|  | * **NOGRR277, Ancillary Service Duration under Real-Time Co-Optimization** | Nitika Mago |  |
| 7. | **ROS Revision Requests (Vote)** |  | 10:25 a.m. |
|  | ***Impact Analysis*** |  |  |
|  | * **NOGR265, Related to NPRR1238, Voluntary Registration of Loads with Curtailable Load Capabilities** |  |  |
|  | * **NOGRR275, Eliminate Scheduling Center Requirements for QSEs That Are Not WAN Participants** |  |  |
|  | ***Language Review*** |  |  |
|  | * **PGRR125, Update of LSIPA Compliance Attestation** |  |  |
| 8. | Revision Requests Tabled at ROS (Possible Vote) | Katie Rich | 10:45 a.m. |
|  | * PGRR073, Related to NPRR956, Designation of Providers of Transmission Additions |  |  |
|  | * NOGRR272, Advanced Grid Support Requirements for Inverter-Based ESRs |  |  |
|  | * PGRR121, Related to NOGRR272, Advanced Grid Support Requirements for Inverter-Based ESRs |  |  |
|  | * NOGRR273, Related to NPRR1264, Creation of a New Energy Attribute Certificate Program |  |  |
|  | * PGRR123, Related to NPRR1264, Creation of a New Energy Attribute Certificate Program |  |  |
|  | * RRGRR038, Related to NPRR1264, Creation of a New Energy Attribute Certificate Program |  |  |
| 9. | NPRR1264, Creation of a New Energy Attribute Certificate Program (Possible Vote) | Katie Rich | 10:55 a.m. |
| 10. | NPRR1278, Establishing Advanced Grid Support Service as an Ancillary Service (Possible Vote) | Katie Rich | 10:55 a.m. |
| 11. | Operations Working Group (OWG) | Rickey Floyd | 11:05 a.m. |
|  | * NPRR1070, Planning Criteria for GTC Exit Solutions (OWG, PLWG) (Possible Vote) |  |  |
| 12. | Performance, Disturbance, Compliance Working Group (PDCWG) | Chad Mulholland | 11:15 a.m. |
|  | Break |  | 11:30 a.m. |
| 13. | Network Data Support Working Group (NDSWG) | Phil Hoffer | 11:40 a.m. |
|  | * NPRR1265, Unregistered Distributed Generator (NDSWG) (Possible Vote) |  |  |
|  | * SCR831, Short Circuit Model Integration (NDSWG, SPWG, SSWG) (Possible Vote) |  |  |
| 14. | System Protection Working Group (SPWG) | Mark McChesney | 12:00 p.m. |
|  | * **SPWG Procedure Manual (Vote)** |  |  |
| 15. | Steady State Working Group (SSWG) | Zach Walker | 12:15 p.m. |
|  | * **SSWG Procedure Manual (Vote)** |  |  |
| 16. | Dynamics Working Group (DWG) | Fahad Qureshi | 12:30 p.m. |
|  | * **DWG Procedure Manual (Vote)** |  |  |
| 17. | Planning Working Group (PLWG) | Mina Turner | 12:45 p.m. |
|  | * PGRR120, SSO Prevention for Generator Interconnection (PLWG) (DWG) (Possible Vote) |  |  |
|  | * PGRR122, Reliability Performance Criteria for Loss of Load (DWG) (PLWG) (Possible Vote) |  |  |
|  | * PGRR124, ESR Maintenance Exception to Modifications (PLWG, DWG) (Possible Vote) |  |  |
|  | * NPRR1272, Voltage Support at Private Use Networks (PLWG, VPWG) (Possible Vote) |  |  |
|  | * NPRR1274, RPG Estimated Capital Cost Thresholds of Proposed Transmission Projects (PLWG) (Possible Vote) |  |  |
| 18. | **Combo Ballot (Vote)** | Katie Rich | 1:05 p.m. |
| 19. | Inverter Based Resources Working Group (IBRWG) | Julia Matevosyan | 1:10 p.m. |
| 20. | Operations Training Working Group (OTWG) | Manuel Sanchez | 1:30 p.m. |
| 21. | Other Business | Katie Rich | 1:40 p.m. |
|  | * 2026 Block Calendar |  |  |
|  | * Review Open Action Items List |  |  |
|  | * No Report |  |  |
|  | * Black Start Working Group |  |  |
|  | * Voltage Profile Working Group (VPWG) |  |  |
|  | Adjourn | Katie Rich | 1:50 p.m. |
|  | Future ROS Meetings |  |  |
|  | * June 5, 2025 |  |  |
|  | * July 10, 2025 |  |  |

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| Open Action Items | Responsible | Notes | Assigned |
| Develop guidance and recommendations for adjusting transmission reclosing and sectionalizing schemes that would significantly improve the IBR ride through probability and be reasonable to accomplish. Examples to look at would be no reclosing on 3 phase faults and adding current sensing directional intelligence on sectionalizing schemes to reduce number of times system is hit with faults. | IBRWG  SPWG |  | 03/07/2023 |
| ERCOT Nodal ICCP Communication Handbook – update to include review of what is binding and what is nonbinding, consider what is in reference material, OBD and Operating Guide, and then figure out repository  Update: effort restarted and being reviewed next few meetings | NDSWG | Update: Leadership started reviewing at 4/16/24 NDSWG meetings  ROS leadership has asked NDSWG leadership for update. Aug 2022 NDSWG meeting appears to be last action on this item since update on 04/01/2021 | 05/02/2024  11/02/2023  04/01/2021 Update  05/02/2019  04/04/2019 |
| Outline and develop computer-based training material for Next Start Resources and all other generators that would not normally attend Black Start training.  This computer-based training material is intended to increase knowledge and understanding of responsibilities for Black Start situations and, frequency and voltage actions in all situations. | OTWG |  | 03/07/2024 |
| Align the use of the terms “load” and “Load” in the Planning Guide with the defined term in Protocol Section 2. | PLWG | Dylan Preas provided update – reviewing Planning Guide  PLWG leadership brought forward challenges in this action item, noting that no one committed to take up. Ms. Rich confirmed the scope is limited to the Planning Guide. ERCOT Staff committed to review the issues, but due to the significant effort, are unable to commit to a timeline for a holistic approach. Participants discussed and were in consensus that ERCOT Staff efforts to review term alignment in RRs moving forward as a more appropriate solution to the issues. | 01/09/2025  10/03/2024  09/09/2024 |
| TAC Assignment: Review impacts of existing and proposed EPA regulations on the ERCOT market and the reliability of the ERCOT grid and the future Resource mix  Previously was CSAPR NOx Season Allowance Issues | ROS/WMS | Update: Katie Rich updated that coordination with WMS/WMWG discussion at 1/30/25 WMWG meeting.  Update: Discussed impact Dec 2022 RUC in terms of current Real-Time, course to be decided upon regarding impact on Texas and should be revisited upon decisions made.  Update: Revise as amended by TAC at the 10/24/23 TAC meeting. This item may need to be left open for some time to allow for more clarity on what final EPA emission regulation rules look like. Coordinate with WMS leadership | 12/05/2024  02/01/2024  1/02/2023  01/05/2023 |
| TAC Assignment: Calculating Loads/Load Shedding in Real-Time (related to NOGRR243). Awaiting TOs to meet and PUCT rulemaking – for concepts to be brought forward for ROS review. | ROS | ROS confirmed complete; Katie will take to 4/23/25 TAC for approval is complete; Koenig supports item complete as NPRR1238 moving forward in stakeholder process.  Update: ROS discussion on no movement. Chris Koenig requested to remain Open, asking ERCOT to get comment on NPRR1238 for six months,  Update: ERCOT and stakeholders are evaluating load shed obligation calculation methodologies via NOGRR26 at the LFLTF. ROS will keep this action item tabled for further review following resolution of the load obligation policy discussions occurring via NOGRR256. | 04/03/2025  12/05/2024  11/02/2023  01/05/2023 |

**PARKING LOT ITEMS:**

**(for awareness)**

| Parking Lot Items | Responsible | Notes | Assigned |
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| TAC Assignment: Remaining KTCs from Battery Energy Storage Task Force (BESTF)   * KTC 15-5 Black Start Service | ROS/BSWG |  | Updated 01/27/2025  04/29/2021 |