**AGENDA**

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

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

Thursday, January 9, 2025 9:30 a.m.

<https://ercot.webex.com>

Teleconference: 877-668-4493

Meeting number: 2556 739 5589

Password: 55vMT#

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|  | Validation for ROS Standing Representatives | Suzy Clifton | 9:15 a.m. |
| 1. | Antitrust Admonition | Suzy Clifton | 9:30 a.m. |
| 2. | **Election of 2025 ROS Chair and Vice Chair (Vote)** | Suzy Clifton |  |
| 3. | Agenda Review | ROS Leadership |  |
| 4. | Approval of ROS Meeting Minutes (Possible Vote) | ROS Leadership |  |
|  | * November 7, 2024 | ROS Leadership |  |
|  | * December 5, 2024 |  |  |
| 5. | ERCOT Reports |  | 9:40 a.m. |
|  | * Operations Report | Alex Lee |  |
|  | * System Planning Report | Ping Yan |  |
| 6. | **ROS Revision Requests (Vote)** | ROS Leadership | 9:50 a.m. |
|  | ***Impact Analysis*** |  |  |
|  | * **NOGRR271, Related to NPRR1257, Limit on Amount of RRS a Resource can Provide Using Primary Frequency Response (Possible Vote)** |  |  |
|  | ***Language Review*** |  |  |
|  | * **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** |  |  |
| 7. | NPRR1264, Creation of a New Energy Attribute Certificate Program (Possible Vote) | ROS Leadership | 10:10 a.m. |
| 8. | Revision Requests Tabled at PRS and Referred to ROS (Possible Vote) | ROS Leadership | 10:20 a.m. |
|  | * NPRR1229, Real-Time Constraint Management Plan Energy Payment |  |  |
| 9. | Revision Requests Tabled at ROS (Possible Vote) | ROS Leadership | 10:20 a.m. |
|  | * PGRR073, Related to NPRR956, Designation of Providers of Transmission Additions |  |  |
| 10. | Operations Working Group (OWG) | Rickey Floyd | 10:20 a.m. |
|  | * NPRR1070, Planning Criteria for GTC Exit Solutions (OWG, PLWG) (Possible Vote) |  |  |
|  | * NPRR1238, Voluntary Registration of Loads with Curtailable Load Capabilities (OWG) (Possible Vote) |  |  |
|  | * NOGRR265, Related to NPRR1238, Voluntary Registration of Loads with Curtailable Load Capabilities (OWG) (Possible Vote) |  |  |
|  | Break |  | 10:40 a.m. |
| 11. | Network Data Support Working Group (NDSWG) | Gerardo Escamilla | 10:50 a.m. |
|  | * NPRR1234, Interconnection Requirements for Large Loads and Modeling Standards for Loads 25 MW or Greater (NDSWG) (Possible Vote) |  |  |
| 12. | Planning Working Group (PLWG) | Dylan Preas | 11:00 a.m. |
|  | * PGRR115, Related to NPRR1234, Interconnection Requirements for Large Loads and Modeling Standards for Loads 25 MW or Greater (PLWG) (Possible Vote) |  |  |
|  | * PGRR119, Stability Constraint Modeling Assumptions in the Regional Transmission Plan (PLWG) (Possible Vote) |  |  |
|  | * PGRR120, SSO Prevention for Generator Interconnection (PLWG) (DWG) (Possible Vote) |  |  |
|  | * PGRR122, Reliability Performance Criteria for Loss of Load (DWG) (PLWG) (Possible Vote) |  |  |
| 13. | Dynamics Working Group (DWG) | Paul Koberlein | 11:20 a.m. |
|  | * NOGRR272, Advanced Grid Support Requirements for Inverter-Based ESRs (DWG) (IBRWG) (Possible Vote) |  |  |
|  | * PGRR121, Related to NOGRR272, Advanced Grid Support Requirements for Inverter-Based ESRs (DWG) (IBRWG) (Possible Vote) |  |  |
| 14. | Inverter Based Resources Working Group (IBRWG) | Julia Matevosyan | 11:35 a.m. |
| 15. | **Combo Ballot (Vote)** | ROS Leadership | 11:55 a.m. |
| 16 | Black Start Working Group (BSWG) | Michael Dieringer | 12:00 p.m. |
| 17. | Steady State Working Group (SSWG) | William Robertson | 12:10 p.m. |
| 18. | Operations Training Working Group (OTWG) | Manuel Sanchez | 12:20 p.m. |
| 19. | Other Business | ROS Leadership | 12:30 p.m. |
|  | * 2025 ROS Goals |  |  |
|  | * 2025 ROS Working Group Leadership |  |  |
|  | * Review Open Action Items List |  |  |
|  | * No Report |  |  |
|  | * Dynamics Working Group (DWG) |  |  |
|  | * Performance, Disturbance, Compliance Working Group (PDCWG) |  |  |
|  | * System Protection Working Group (SPWG) |  |  |
|  | * Voltage Profile Working Group (VPWG) |  |  |
|  | Adjourn | ROS Leadership | 12:40 p.m. |
|  | Future ROS Meetings |  |  |
|  | * February 6, 2025 |  |  |
|  | * March 6, 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 | 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. | 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 | 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. | 12/05/2024  11/02/2023  01/05/2023 |
| TAC Assignment: September 6, 2023 EEA2 Event – review what occurred, improvements that can be made including: EEA threshold/trigger, PRC calculations, relaxation of constraints during EEA, CMPs before EEAs, management of HDL overrides | ROS | Update: Katie Rick will take request to remove this item to the January 2025 TAC meeting – RRs completed this year and if they confirm will remove. | 12/05/2025  09/26/2023 |

**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 * KTC 15-6 RMR and MRA Services   (9/7/23 ROS Meeting - assignment from PLWG to ROS, based on 3/2/23 ROS meeting/PLWG report, and updated review that this item is broader than PLWG, Multiple WGs so remain at ROS)  KTC 15-9 Governor Dead-band Telemetry as a Concept | ROS  BSWG  ROS  PDCWG/  DWG | Update: Freddy Garcia provided update that KTC 15-5 Black Start Service is being reviewed at the BSWG. Per Katie Rick – directed the TAC action item to BSWG; remaining items confirmed with Kenneth Ragsdale no activity, sponsor so will confirm with TAC at January 2025 TAC meeting and then remove remaining items. | 12/05/2024  04/29/2021  04/29/2021  09/07/2023  04/29/2021 |