

**AGENDA**

**ERCOT NERC Reliability Working Group (NRWG) / Texas RE NERC Standards Review Subcommittee (NSRS)**

Tuesday, November 8, 2016 / 9:00 a.m.

ERCOT Austin – 7620 Metro Center Dr., Room 206B

<http://ercot.webex.com>

Meeting Number: 622 909 606

Meeting Password: nrwg1108

Audio Dial-In: 1.877.668.4493

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|  | **Agenda Item** | **Responsible Party** | **Time** |
| 1. | Antitrust Admonition | C. Frosch  S. Heino | 9:00 |
| 2. | Texas RE Subgroup Meeting Update   * Revisions to SRC Process | R. Coyne | 9:05 |
| 3. | NERC Committee Updates:   * Compliance & Certification Committee * Functional Model Advisory Group | M. Henson, Oncor  L. Maurer, Oncor | 9:15 |
| **NSRS Session** | | | |
| 4. | Current Ballots   * + [Project 2016-02 – Modifications of CIP Standards](http://www.nerc.com/pa/Stand/Pages/Project%202016-02%20Modifications%20to%20CIP%20Standards.aspx) | CIP-003-7 and Implementation Plan   + [Project 2015-08 – Emergency Operations](http://www.nerc.com/pa/Stand/Pages/Project-2015-08-Emergency-Operations.aspx) | EOP-005-3 and EOP-006-3 | C. Hasha  C. Frosch | 9:30  9:45 |
| 6. | Posted for Comment:   * + [Project 2016-03 – Cyber Security Supply Chain Management](http://www.nerc.com/pa/Stand/Pages/Project201603CyberSecuritySupplyChainManagement.aspx) – SAR     - End date: 11/18     - [Technical Conference](http://www.nerc.com/pa/Stand/Project%20201603%20Cyber%20Security%20Supply%20Chain%20Mana1/Agenda_Technical_Conference_November_2016.pdf)   + NERC OC Draft Reliability Guideline - [Situational Awareness for the System Operator](http://www.nerc.com/comm/OC/Reliability%20Guideline%20DL/SA_for_System_Operators.pdf)      - End date: 11/14   + Nomination Period Open for SDT [Project 2013-03, Geomagnetic Disturbance Mitigation](http://www.nerc.com/pa/Stand/Pages/Project-2013-03-Geomagnetic-Disturbance-Mitigation.aspx)     - Nominations due 11/9   + NERC OC – [Revised ERO Event Analysis Process and Appendices](http://www.nerc.com/pa/rrm/ea/EA%20Program%20Document%20Library/DRAFT_ERO_EAP_v3.1.pdf)     - End date: 11/14   + NERC OC Draft Reliability Guideline - [Integrating Reporting ACE with the NERC Reliability Standards](http://www.nerc.com/comm/OC/Reliability%20Guideline%20DL/Integrating_Reporting_ACE_with_NERC_Reliability_Standards.pdf)   + NERC PC Draft Reliability Guideline - [Modeling Distributed Energy Resources in Dynamic Load Models](http://www.nerc.com/pa/RAPA/rg/ReliabilityGuidelines/Reliability_Guideline-Modeling_DER_in_Dynamic_Load_Models-DRAFT.pdf)     - End date: 11/11   + NERC PC Draft Reliability Guideline - [PMU Placement and Installation](http://www.nerc.com/pa/RAPA/rg/ReliabilityGuidelines/Reliability_Guideline-PMU_Placement_and_Installation-DRAFT.pdf)     - End date: 11/11   + NERC OC Draft Reliability Guideline - Inadvertent Interchange | R. Griffin, CPS Energy  C. Frosch  Mark Olson, NERC Staff  B. Collins, Texas RE Staff  C. Frosch  J. Hubert, CenterPoint Energy  C. Frosch |
| 7. | 2017 NSRS Leadership | S. Heino |
| 8. | Adjourn NSRS | S. Heino/C. Frosch |
|  | Future NSRS Meeting:   * 11/21 |  |  |
| **NRWG OPEN SESSION** | | | |
| 9. | [ERO Enterprise Guide for Compliance Monitoring](http://www.nerc.com/pa/comp/Reliability%20Assurance%20Initiative/ERO%20Enterprise%20Guide%20for%20Compliance%20Monitoring.pdf) - Enhancements to the Inherent Risk Assessment Guide & Webinar | C. Crews, Texas RE Staff | 10:15 |
| 10. | * [2017 Compliance Monitoring and Enforcement Program](http://www.nerc.com/pa/comp/Reliability%20Assurance%20Initiative/2017_CMEP_IP.pdf) (CMEP) * [2017 Texas RE Annual Audit Plan for Compliance Audits](https://www.texasre.org/CPDL/Annual%20Audit%20Plan%20for%20Compliance%20Audits%20for%202017.pdf) * [2017 Candidate List for Compliance Engagements](https://www.texasre.org/CPDL/Candidate%20List%20for%20Compliance%20Engagements%20for%202017.pdf) | C. Crews, Texas RE Staff | 10:30 |
| 11. | [Compliance Guidance](http://www.nerc.com/pa/comp/guidance/Pages/default.aspx):   * ERO Enterprise-Endorsed Implementation Guidance   + CIP-002-5.1 Standard Application Guide   + TPL-007-1: Transformer Thermal Impact Assessment White Paper * ERO Enterprise-Endorsed Implementation Guidance for Inactive Reliability Standards   + CIP-014-1 Requirement R1 Guideline   + FAC-003-3 Standard Application Guide * Proposed Implementation Guidance not Endorsed | Informational Only | 10:45 |
| 12. | Standards Subject to Future Enforcement:  **January 1, 2017**   * **IRO-010-2**, Reliability Coordinator Data Specification and Collection (RC, BA, GO, GOP, LSE, TOP, TO, DP) & **TOP-003-3**, Operational Reliability Data (TOP, BA, GO, GOP, LSE, TO, DP)   + [NOGRR162, Process for Resolving Real-Time Data Discrepancies](http://www.ercot.com/mktrules/issues/NOGRR162)     - 12/1 TAC   + [ERCOT’s data specification mapping document](http://www.ercot.com/content/wcm/key_documents_lists/85698/NERC_IRO_010_and_TOP_003.xlsx)     - Market Notice and posting in December   + [NPRR790, Addition of Phase Angle Limits to the Network Operations Model](http://www.ercot.com/mktrules/issues/NPRR790)     - 12/13 BOD   **April 1, 2017**   * EOP-011-1   + [***New*** NOGRR165, Emergency Operations Plans as Required by NERC Reliability Standards](http://www.ercot.com/mktrules/issues/NOGRR165)     - 11/17 OWG   **July 1, 2017**   * ***New*** TPL-007-1, Transmission System Planned Performance for Geomagnetic Disturbance Events   + [Board-approved PGRR046](http://www.ercot.com/mktrules/issues/PGRR046)   + [Board-approved RGRR009](http://www.ercot.com/mktrules/issues/RRGRR009)   + [ROS-approved GIC System Model Procedure Manual](http://www.ercot.com/content/wcm/key_documents_lists/54489/GIC_System_Model_Procedure_Manual_ROS_Approved_July_7_2016.docx)   + TPL-007-1 Responsibilities Matrix   + Other Market Rule changes   **April 1, 2018**   * ***New*** IRO-018-1(i) & TOP-010-1(i), Real-time Reliability Monitoring and Analysis Capabilities   + CFR updates will be needed   + Telemetry Standards/Market Rule changes   **October 1, 2017**   * ***New*** COM-001-3, Communications   Other Recent FERC-approved Standards | R. Coyne, Texas RE Staff  Y. Landin  C. Frosch  Y. Landin  C. Frosch  M. Cruz-Montez, CenterPoint Energy | 11:15 |
| 13. | Ask Texas RE:   * PRC-002-2 * PRC-016-1,   + Changes in misoperation reporting | C. Crews, Texas RE Staff | 11:30 |
| **NRWG Closed Session**  *Participants are required to complete the ERCOT Non-Disclosure Agreement (NDA) prior to the meeting. Please review the* [*NRWG Charter*](http://www.ercot.com/content/wcm/key_documents_lists/27298/NRWG_Charter_May_2015.doc) *and* [*NDA*](http://www.ercot.com/committees/board/tac/ros/nrwg) *on the ERCOT website for membership details.* | | | |
| 14. | Functional Model Advisory Group |  |  |
| 15. | NERC Recertification |  |  |
| 16. | Audit Experience |  |  |
| 17. | Cross Reference Mapping Update |  |  |
| 18. | 2017 NRWG Leadership |  |  |
| 19. | 2017 NRWG Meeting Dates |  |  |
| 20. | Other Business/Roundtable |  |  |
|  | Adjourn |  |  |
|  | Future NRWG/NSRS Meetings:   * December 9, 2016 |  |  |