

## Agenda

# Project 2013-03 Geomagnetic Disturbance Mitigation Standard Drafting Team Meeting

January 17, 2017 | noon - 5:00 p.m. Eastern

January 18, 2017 | 8:30 a.m. - 5:00 p.m. Eastern

January 19, 2017 | 8:30 a.m. - noon Eastern

NextEra  
Juno Beach, FL

Audio Only: 1-415-655-0002 (US Toll); 1-416-915-8942 (Canada Toll)

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## NERC Antitrust Compliance Guidelines and Public Announcement

## Administrative and Safety Information

### Agenda Items

1. **Chair's Remarks**
2. **Introductions**
3. **Review of TPL-007-1 and the Benchmark GMD Event (2 hours)\***
  - a. Geoelectric field amplitude
  - b. Geomagnetic field waveshape
  - c. Latitude scaling
  - d. Earth conductivity scaling
  - e. GMD Vulnerability Assessment
4. **Review FERC Order No. 830 (approval, FERC concerns, and directives) and project Standards Authorization Request (SAR)\* (2 hours)**
  - a. SAR directives (establishes the SDT's scope)
  - b. Directives for additional research and data collection (for SDT information)
5. **Discuss approaches to revise Benchmark GMD Event (Order No. 830 P 44-47) (8 hours)**
  - a. Are any revisions to the spatially-averaged benchmark needed?
  - b. Consider approaches to enhance Benchmark to account for localized peak geoelectric fields.

- c. Consider how the revised Benchmark is applied to GMD Vulnerability Assessment assessments
  - d. Determine what TPL-007 requirements, sections, and supporting materials may need to be revised
- 6. Discuss approaches to new requirement(s) for GIC and magnetometer data collection ( Order No. 830 P 88 - 92) (2 hours)**
- a. Technical guidance needed for deployment of devices
  - b. Discuss responsible entity roles (installing devices, disseminating data, requesting data)
  - c. Dissemination of data to NERC entities
- 7. Discuss revising TPL-007 Requirement R7 to establish deadlines for Corrective Action Plans and mitigation measures (Order No. 830 P 101 - 103) (1 hour)**
- 8. Discuss Next Steps**
- 9. Future Meetings**

\*Background materials:

- Agenda Item 3:  
[TPL-007-1 - Transmission System Planned Performance for Geomagnetic Disturbance Events](#)  
[Benchmark GMD Event Description](#)  
[Transformer Thermal Impact Assessment White Paper](#)  
[Screening Criterion for Transformer Thermal Impact Assessment](#)  
TPL-007-1 Information Video:  
Click here for: [Slide Presentation](#)  
Click here for: [Recording](#)
- Agenda Item 4:  
[FERC Order No. 830](#)  
[Project 2013-03 SAR](#)