

Agenda

TPL-007-1 Technical Conference

May 20, 2014 | 8:30 a.m. to 4:00 p.m. Eastern

NERC Headquarters
3353 Peachtree Road NE
Suite 600 North Tower
Atlanta, GA 30326

Conference Room: Multi-Purpose Room, 6th Floor

Webinar: <http://www.readytalk.com/> Access Code: 1314471
Dial-in: 1.800.769.7315 | Access Code: 1314471 | Broadcast Audio: 875874

Tuesday, May 20

Introductory Remarks

NERC Antitrust Compliance Guidelines and Public Announcement

Agenda Items

Introduction

1. 8:30 a.m. to 8:45 a.m. Opening Remarks – NERC
2. 8:45 a.m. to 9:00 a.m. Background and Overview of Project 2013-03 (GMD Mitigation) – Frank Koza, PJM Interconnection

Topic 1: Benchmark GMD Event

3. 9:00 a.m. to 9:20 a.m. General Description and Technical Basis of the proposed Benchmark GMD Event – Luis Marti, Hydro One
4. 9:20 a.m. to 9:45 a.m. Discussion of TPL-007-1 Attachment 1 (Calculating Geoelectric Fields for the Benchmark GMD Event)

Topic 2: System Models for GMD Studies

5. 9:45 a.m. to 10:15 a.m. Modeling Geomagnetically-Induced Current (GIC) in the Power System – Randy Horton, Southern Company

10:15 a.m. to 10:30 a.m. Break

6. 10:30 a.m. to 11:00 a.m. Models of Magnetic and Thermal Effects of GIC in Power Transformers – Luis Marti, Hydro One

Topic 3: GMD Vulnerability Assessment and Planning

7. 11:00 a.m. to 11:45 a.m. Steady-state Power Flow Analysis, GMD-related Contingencies, and Performance Criteria
8. 11:45 a.m. to 12:15 p.m. Discussion of Transmission Planning Similarities and Differences

12:15 p.m. to 1:15 p.m. Lunch

9. 1:15 p.m. to 2:00 p.m. Transformer Thermal Assessment – Luis Marti, Hydro One
10. 2:00 p.m. to 2:30 p.m. Mitigation Planning – Randy Horton, Southern Company

2:30 p.m. to 2:45 p.m. Break

11. 2:45 p.m. to 3:15 p.m. GMD Vulnerability Assessment Process – Luis Marti, Hydro One

Conclusion

12. 3:15 p.m. to 3:45 p.m. Recommendations for the Standard Drafting Team
13. 3:45 p.m. to 4:00 p.m. Wrap-up and adjourn