Unofficial Comment Form

Project 2013-03 Geomagnetic Disturbance Mitigation  
TPL-007-1

Please **DO NOT** use this form for submitting comments. Please use the [electronic form](https://www.nerc.net/nercsurvey/Survey.aspx?s=3818bdc02347415498bbe2e959f1e250) to submit comments on the Standard. The electronic comment form must be completed by **8 p.m. Eastern, November 21, 2014**.

If you have questions please contact [Mark Olson](mailto:mark.olson@nerc.net) or by telephone at 404-446-9760.

All documents for this project are available on the [project page](http://www.nerc.com/pa/Stand/Pages/Project-2013-03-Geomagnetic-Disturbance-Mitigation.aspx).

## Background Information

On May 16, 2013 FERC issued [Order No. 779](http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=13260635), directing NERC to develop Standards that address risks to reliability caused by geomagnetic disturbances in two stages. Project 2013-03 responds to the FERC directives as follows:

* Stage 1. EOP-010-1 – Geomagnetic Disturbance Operations was approved by FERC in June, 2014.
* Stage 2. Proposed standard TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events requires applicable entities to conduct assessments of the potential impact of benchmark GMD events on their systems. If the assessments identify potential impacts, the proposed standard will require the applicable entity to develop corrective actions to mitigate the risk of voltage collapse, uncontrolled separation, or Cascading. The Stage 2 standard must be filed with FERC by January 2015.

TPL-007-1 and supporting white papers were posted for formal comments from June 13 through July 30, 2014, and from August 27 through October 10, 2014. The standard drafting team (SDT) has made several revisions to the proposed standard and Transformer Thermal Impact Assessment white paper based on stakeholder input. There were no changes to the implementation plan.

You do not have to answer all questions. Enter comments in simple text format. Bullets, numbers, and special formatting will not be retained.

## Questions on Draft TPL-007-1

1. **Transformer thermal impact assessment**. The SDT has revised the Transformer Thermal Impact Assessmment white paper and Screening Criterion white paper with additional technical details. The screening criterion for transformer thermal assessments was increased from 15 A per phase to 75 A per phase. Additionally, look up tables provide a transformer thermal assessment approach based on available models. Do you agree with these changes? If not, please provide a specific recommendation and technical justification.

Yes

No

Comments:

1. **TPL-007-1**. Do you agree with the changes made to TPL-007-1? If not, please provide technical justification for your disagreement and suggested language changes.

Yes

No

Comments: