Unofficial Comment Form

Project 2013-03 Geomagnetic Disturbance Mitigation

**Do not** use this form for submitting comments. Use the [electronic form](https://sbs.nerc.net/) to submit comments on Project 2013-03 Geomagnetic Disturbance Mitigation TPL-007-1 White Papers. The electronic form must be submitted by **8 p.m. Eastern, June 13, 2016.  
m. Eastern, Thursday, August 20, 2015**

Documents and information about this project are available on the Project 2013-03 Geomagnetic Disturbance Mitigation [project page](http://www.nerc.com/pa/Stand/Pages/Project-2013-03-Geomagnetic-Disturbance-Mitigation.aspx). If you have questions, contact Mark Olson, Senior Standards Developer (via [email](mailto:mark.olson@nerc.net?subject=TPL-007-1%20White%20Papers)), or at 404.446-9760.

## 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 was filed for regulatory approval in January 2015. In May 2015, FERC issued a [Notice of Proposed Rulemaking](http://www.nerc.com/FilingsOrders/us/FERCOrdersRules/NOPR%20on%20TPL-007-1.pdf) proposing to approve TPL-007-1 and direct NERC to develop some modifications through the standards development process. A FERC staff-led technical conference on the proposed standard was held March 1, 2016.

The standards drafting team (SDT) identified an error in Figure 1 of the *Screening Criterion for Transformer Thermal Impact Assessment* white paper (Screening Criterion white paper). The error resulted in incorrect plotting of simulated power transformer peak hot-spot heating from the Benchmark GMD Event. The SDT has corrected Figure 1 and revised related sections in the Screening Criterion white paper. The SDT has also made related revisions to other Project 2013-03 white papers. The revisions do not affect requirements in proposed TPL-007-1 but are being incorporated into the project white papers to maintain accuracy.

## Questions

1. The SDT has corrected Figure 1 and revised related sections in the Screening Criterion white paper. The SDT has also made related revisions to other Project 2013-03 white papers. Do you agree with the revisions? If not, please provide specific recommendation(s) and technical justification.

Yes

No

Comments: