Unofficial Comment Form

Project 2022-04 EMT Modeling

**Do not** use this form for submitting comments. Use the [Standards Balloting and Commenting System (SBS)](https://sbs.nerc.net/) to submit comments on **Project 2022-04 EMT Modeling Standard Authorization Request (SAR).** Comments must be submitted by **8 p.m. Eastern, Tuesday, September 13, 2022.   
m. Eastern, Thursday, August 20, 2015**

Additional information is available on the [project page](https://www.nerc.com/pa/Stand/Pages/Project2022-04EMTModeling.aspx). If you have questions, contact Standards Developer, [Dominique Thompson](mailto:Dominique.Thompson@nerc.net) (via email), or at 404-217-7578.

## Background Information

This project addresses the reliability‐related need and benefit by ensuring Transmission Planners (TPs) and Planning Coordinators (PCs) have the models and tools necessary to adequately conduct reliability assessments under increasing levels of inverter‐based resources. This requires the collection of electromagnetic transient (EMT) models by applicable entities and TPs and PCs to conduct EMT studies where needed. The result will produce three deliverables:

* Modifications to FAC-002 - which will require TPs and PCs to conduct EMT studies where necessary, ensure accurate models are provided and verified prior to commercial operation, and clarify requirements on applicable entities providing accurate models.
* Modifications to MOD-032 (or a new standard related to EMT model collection) – which will include explicit inclusion of EMT models, a process for collection of EMT models and modeling data, and model quality enhancements.
* Modifications to TPL-001 – which will differentiate stability portions from existing requirements, have a process for conducting EMT studies, and include appropriate stability criteria.

Modifications to each standard seek to incorporate EMT modeling and studies, as applicable, and include model quality checks for all models used in reliability studies.

**Questions**

1. Do you agree with the proposed scope as described in the SAR? If you do not agree, or if you agree but have comments or suggestions for the project scope, please provide your recommendation and explanation.

Yes

No

Comments:

1. Provide any additional comments for the SAR drafting team to consider, if desired.

Comments: