

## 2025 ITP Short-Circuit Model Information - Pass 1

- **Action Required**

SPP staff is requesting feedback on the 2025 ITP Short-Circuit models – Pass 1. The models are being built using PSS®E version 35.3.

As a reminder, a year 2 summer peak model will be used for the 2024 ITP short-circuit assessment in consideration of NERC Standard TPL-001. ITP needs will be identified from this Short-Circuit model.

The 2024 series MDAG and 2025 ITP models are NOT being built in parallel. Please refer to the model build schedule located on the SPP corporate website under the MDAG page ([2024 Series MDAG / 2025 ITP Powerflow and Short Circuit Model Build](#)) for deadlines and milestones.

- **Entities Required to Provide Feedback:**

All interested stakeholders, primarily TWG and MDAG stakeholders

- Data Submitters should review the models to ensure that all submitted updates were implemented correctly. SPP staff should be notified of any discrepancies in a timely fashion.
- If there are any facility exceptions that need to be considered in the exceptions file, please provide updates.
- DocuCheck provides a list of values that are outside of tolerance or are in error, please review and provide updates.
- If there are updates to the list of facilities that should not be online for the max fault scenario, please provide updates for that file.
- Sequence data changes should be provided via SPP Model On Demand (MOD). For non-MOD or PSSE users updates can be uploaded to [GlobalScape](#) at the following directory:

- **ITP → ITP → NCD (CEII, RSD) → NDA → 2025 ITP → Short Circuit Models → Pass 1 → Member Feedback**

Any questions, feedback, updates and/or corrections can be sent to [SPPEngineeringModeling@spp.org](mailto:SPPEngineeringModeling@spp.org)

- **Due Date and Method of Submittal**

Please provide topology updates by **Friday, September 1<sup>st</sup>, 2023** through **MOD**. For any questions or feedback, please submit those by **Friday, September 1<sup>st</sup>, 2023** through the SPP Request Management System (**RMS**) using the “Submit Information” Request Template with Subtype 1 as “Integrated Transmission Planning (ITP)” and Subtype 2 as “Data Submission”. If there are no changes to submit, please send an email to [SPPEngineeringModeling@spp.org](mailto:SPPEngineeringModeling@spp.org) stating that there are no changes that will be submitted to SPP for this model build pass.

- **Changes from Last Pass**

- N/A

- **Material Disclaimer**

CONTAINS CONFIDENTIAL AND PROTECTED MATERIAL NOT AVAILABLE TO COMPETITIVE DUTY PERSONNEL  
– DO NOT RELEASE

- **File location on [GlobalScape](#)**

*For users who have signed an SPP non-competitive duty NDA:*

This file can be found on GlobalScape under: ITP → ITP → NCD (CEII, RSD) → NDA → 2025 ITP → Short Circuit Models in the “Pass 1” folder.

File Name	Description
2025 ITP SC Pass 1 Sav.zip	Short-circuit models in PSSE version 35.3
2025 ITP SC Pass 1 Raw & Seq.zip	Short-circuit models in raw and seq format
Max_Fault_Offline_Facilities_ITP.zip	Facilities that should not be online for the max fault scenario
2025 ITP SC Pass 1 DocuCode.zip	List of possible errors that need reviewing
2023MDAGFinal_Exception_Template_File_for_PF_SC.xlsx	Exceptions list for Powerflow and Short Circuit
Preliminary Fault Currents.zip	Preliminary bus-fault and line-outs results

- **Helpful Links and Access**

- “Initiate a System Access Action” **Request Template**, “Globalscape File Sharing” **Subtype 1**, “Add User” **Subtype 2** and “SPPDocushare / Engineering / TCR Models” **Subtype 3**. [GlobalScape](#) frequently asked questions can be found in [Knowledgebase Article 686](#). Other helpful links can be found on [SPP.org](#).