

## 2025 ITP Base Reliability (BR) Short Circuit Model Information – Initial Final

### Material Disclaimer

CONTAINS CONFIDENTIAL AND PROTECTED MATERIAL NOT AVAILABLE TO COMPETITIVE DUTY PERSONNEL – DO NOT RELEASE NOR SHARE THIS MATERIAL with any person or entity who has not executed a Confidentiality Agreement or who is ineligible to receive confidential and protected material (such as a Competitive Duty Personnel).

### • **Action Required**

SPP staff is requesting stakeholder feedback on the 2025 ITP BR Short Circuit models – Initial Final, and supplemental data posted today. Please verify topology is modeled appropriately.

- Any questions or feedback should be submitted 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”.

As a reminder, the following Base Reliability models will be used for the 2025 ITP:

- 2026 Base Reliability Summer model
- 2029 Base Reliability Summer model
- 2034 Base Reliability Summer model

Please note that because of SCRIPT C2/C3 efforts the 2024 series MDAG and 2025 ITP models are **NOT** being built in parallel. SPP has built the ITP BR models first and now has started the build of the MDAG models from those completed ITP BR models. 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 the different deadlines and milestones.

### • **Entities Required to Provide Feedback:**

All interested stakeholders, primarily TWG and MDAG stakeholders.

### • **Due Date and Method of Submittal**

- For the 2025 ITP Base Reliability Initial-Final Short Circuit models, SPP staff will solicit a motion for approval via email on **Wednesday, March 13, 2024**.
- Any questions or feedback should be submitted 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”.

### • **Changes from Last Pass**

- Member feedback from Pass 2

- **Modeling Notes**

- Models are named with the initials IF for Initial Final, but these models will still need approval from membership.

- **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 “Initial Final” folder.

File Name	Description
2025 ITP SC IF Sav.zip	Short-circuit models in PSSE version 35.3
2025 ITP SC IF 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 IF DocuCode.zip	List of possible errors that need reviewing
2025ITPIF_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**

If you do not already have access to these documents in [GlobalScape](#), see the instructions for [confidentiality agreements](#) and submit the appropriate form via [RMS](#) using “Initiate a System Access Action” **Request Template**, “Globalscape File Sharing” **Subtype 1**, “Add User” **Subtype 2** and “SPPDocushare / Engineering / TCR Models”. [GlobalScape](#) frequently asked questions can be found in [Knowledgebase Article 686](#). Other helpful links can be found on [SPP.org](#).