

2025 ITP Preliminary Base Reliability (BR) Short Circuit Model Information – Pass 2

Material Disclaimer

CONTAINS CONFIDENTIAL AND PROTECTED MATERIAL NOT AVAILABLE TO COMPETITIVE DUTY PERSONNEL – DO NOT RELEASE OR 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 – Pass 2, and supplemental data posted today, as follows:

- Please verify topology is modeled appropriately
 - Please submit topology updates as PSS®E version 35.3 idev files; any questions or feedback should be submitted through the [SPP Request Management System \(RMS\)](#).
 - When submitting projects and profiles to MOD or post processing idevs, please use the following naming convention:
 - Prefix the project/profile name with your owner/area number underscore company name underscore XXXX OR company name underscore XXXX if you do not have an area/owner number. For example:
 - **Project name:** 525_WFEC_Midwest-Franklin_Rebuild.prj or Nextera_Add_GenX.prj
 - **Profile name:** 659_BEPC_2017MDAGP4-18S or Nextera_2017MDAGP4-18S
 - The file name should be separated by underscores instead of spaces (*e.g.*, 525_Patent_Gate.prj)
 - For NTC projects, include the UID or PID number at the end. For example, 659_Patent_Gate_UID300.prj or 659_Patent_Gate_UID300.idv

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 have built the ITP BR models first and will now begin the build of the MDAG models from these 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.

- Data Submitters should review the posted Pass 2 Models. Any corrections should be submitted solely through IDEVs for use in the ITP BR Initial Final Pass Models. MOD submissions will not be accepted.

- Due Date and Method of Submittal**

Please provide topology updates by **Friday, February 9, 2024** through (**RMS**). For any questions or feedback, please submit those by **Friday, February 9, 2024** through the SPP Request Management System (**RMS**) using the “Submit Information” Request Template, “Integrated Transmission Planning (ITP)” Subtype 1, and “Data Submission” Subtype 2.

- Changes from Last Pass**

- Member feedback from Pass 1

- 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 2” folder.

File Name	Description
2025 ITP SC Pass 2 Sav.zip	Short-circuit models in PSSE version 35.3
2025 ITP SC Pass 2 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 2 DocuCode.zip	List of possible errors that need reviewing
2025ITPP1_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](#).