

2023 ITP Short-Circuit Initial-Final Model Information

- **Action Required**

SPP staff is requesting feedback on the 2023 ITP Short-Circuit Initial-Final models and supplemental data will be posted to [GlobalScape](#) by **Friday, March 18, 2022**. SPP Staff built models using PSS®E version 34.8. SPP staff is requesting stakeholder feedback as follows:

- 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.
- Please verify topology is modeled appropriately
 - Please submit topology updates as PSS®E version 34.8 idev files through the [SPP Request Management System \(RMS\)](#); any questions or feedback should be submitted through the [SPP Request Management System \(RMS\)](#). PSS®E version 34.8 idev files are used to update the current model set. The submission of a MOD project is required for inclusion in the next model build.
 - 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_2017MDWGP4-18S or Nextera_2017MDWGP4-18S
 - 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, a year 2 summer peak model will be used for the 2023 ITP short-circuit assessment in consideration of NERC Standard TPL-001. ITP needs will be identified from this Short-Circuit model.

The 2022 series MDAG and 2023 ITP models are being built in parallel; however, the models will be posted separately. Please refer to the model build schedule located on the SPP corporate website under the MDAG page ([2022 Series MDAG and 2023 ITP Powerflow and Short Circuit Model Build](#)) for deadlines and milestones.

Note: PSS®E version 34 models are posted on GlobalScape at the link below; PSS®E version 33 models are available upon request.

- **Entities Required to Provide Feedback:**

All interested stakeholders, primarily TWG and MDAG stakeholders

- **Due Date and Method of Submittal**

SPP staff will be requesting a motion for approval of the 2023 ITP Short-Circuit Models via vote at the TWG Meeting on Monday, April 4th.

- For any topology updates, questions or feedback, please submit those by **Friday, March 25, 2022** through **RMS** using the **“Initiate a System Access Action” Request Template**, **“Submission” Request Type**, and **“Integrated Transmission Planning (ITP)” SubType1**, and **“Data Submission” Subtype 2**. Any data submitted via RMS beyond the deadlines above will be considered late and will follow the ITP Manual Section 10.3 process.

- **Changes from Last Pass**

- Member submitted Profile and Topology updates associated with SPP Request of Pre-Initial-Final data.
- 2023 ITP Base Reliability powerflow initial-final applicable corrections
- Inclusion of external data from Trial 5 SERC cases.

- **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 → 2023 ITP → Short Circuit Models in the **“Initial Final”** folder.

File Name	Description
2023 ITP SC Initial Final Sav v34.8.zip	Short-circuit models in PSSE version 34.8
2023 ITP SC Initial Final Raw & Seq v34.8.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
2023 ITP SC Initial Final DocuCode.zip	List of possible errors that need reviewing. [1] file including 1 st Tier and [1] file excluding 1 st Tier.
2022MDWGPF_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 the **“Initiate a System Access Action” Request Template** and **“Globalscape File Sharing (Maps, Models, Cases, etc)/SPPDocushare / Engineering / TCR Map / Models” SubType1**. [GlobalScape](#) frequently asked questions can be found in [Knowledgebase Article 686](#). Other helpful links can be found on [SPP.org](#).