

## 2023 ITP Base Reliability (BR) Short Circuit Proposed Final Model Information

- **Action Required**

The 2023 Integrated Transmission Planning Assessment (ITP) Proposed Final BR Short Circuit models and supplemental data have been posted to [GlobalScape](#). SPP staff posted these updated models for stakeholder awareness, review, and approval of the updated 2023 ITP BR Short Circuit initial final models. Please verify topology is modeled appropriately.

**SPP staff will be requesting TWG approval of the updated final 2023 ITP BR Short Circuit Proposed Final model information via email on November 18, 2022.**

As a reminder, the following Base Reliability models will be used for the 2023 ITP:

- 2024 Short Circuit Summer Model
- 2027 Short Circuit Summer Model
- 2032 Short Circuit Summer 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 Powerflow and Short Circuit Model Build](#)) for the different deadlines and milestones.

Note: PSS®E version 34 models are posted on GlobalScape at the link below.

- **Entities Required to Provide Feedback:**

All interested stakeholders, primarily TWG and MDAG stakeholders

- **Due Date and Method of Submittal**

**SPP will solicit a motion from TWG via email vote November 18, 2022 to approve the final 2023 ITP BR Powerflow and Short-Circuit Models for use in the 2023 ITP assessment.**

- **Changes from Last Pass**

- Updates as listed in the posted 2023 ITP BR Model Update Matrix workbook

- **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 “[Proposed Final Short Circuit Models](#)” folder.

File Name	Description
2023 ITP Proposed Final Sav V34.zip	Short-circuit models in sav format
2023 ITP Proposed Final Raw & Seq V34.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 Proposed Final DocuCode.zip	List of possible errors that need reviewing
2022MDWGPF_Exception_Template_File_for_PF_SC.xlsx	Exceptions list for Powerflow and Short Circuit
2023 ITP BR Model Update Matrix.xlsx	Workbook detailing changes made to the model set
Preliminary Fault Currents.zip*	Preliminary bus-fault and line-out 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**, “Access” **Request Type** “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](#).