

2023 ITP Base Reliability (BR) Powerflow Proposed Final Model Information

- **Action Required**

The 2023 Integrated Transmission Planning Assessment (ITP) Proposed Final BR Powerflow 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 Powerflow initial final models. Please verify topology is modeled appropriately.

SPP staff will be requesting TWG approval of the updated final 2023 ITP BR Powerflow Proposed Final model information via email on November 11, 2022.

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

- 2024 Base Reliability Light Load, Summer, and Winter models
- 2027 Base Reliability Light Load, Summer, and Winter models
- 2032 Base Reliability Light Load, Summer, and Winter models

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 11, 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 → Powerflow Models in the “[Proposed Final Powerflow Models](#)” folder.

File Name	Description
2023 ITP Proposed Final Raw V34.zip	Models in .RAW file format
2023 ITP Proposed Final Sav V34.zip	Models in .SAV file format
2023 ITP Proposed Final Docucheck.xlsx	SPP DocuCode
2023 ITP Proposed Final NTC Check.xlsx	Workbook comparing TAGIT NTC ratings vs model ratings
2023 ITP Proposed Final Dispatch Results.xlsx	Transactions, shortfall, and potential dispatch errors
2023 ITP Model Update Matrix.xlsx	Workbook detailing changes made to model set
2023 ITP Proposed Final Compare.zip	Comparison of 2023 ITP Initial Final – 2023 ITP Proposed Final

- **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](#).