

2025 ITP Base Reliability (BR) Powerflow 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 Powerflow 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 Light Load, Summer, and Winter models
- 2029 Base Reliability Light Load, Summer, and Winter models
- 2034 Base Reliability Light Load, Summer, and Winter models

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 Powerflow models, SPP staff will solicit a motion for approval via email on Wednesday, March 6, 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 5
- TWG Waiver Unit “Gaines” added to aid solving due to shortfall in Year 5 Summer and Winter

- **Modeling Notes**

- Models are named with the initials IF for Initial Final, but these models will still need approval from membership.
- After the final version of the 2025 ITP BR Initial-Final models are approved, SPP will perform an ACCC and submit for information to the stakeholders.

- **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 → Powerflow Models in the “Initial Final” folder.

File Name	Description
2025 ITP IF Compare.zip	Comparison of 2024 ITP Pass Final – 2025 ITP Pass Initial Final
2025_ITP_IF_Raw_V35.zip	Models in .RAW file format
2025_ITP_IF_Sav_V35.zip	Models in .SAV file format
2025_ITP_IF_Raw_NB_V35.zip	Models in .RAW file format with Node Breaker data
2025_ITP_IF_Sav_NB_V35.zip	Models in .SAV file format with Node Breaker data
2025_ITP_IF_Docuccheck.xlsx	SPP DocuCode modeling information identifying information overviews (blue tabs), suspect conditions (orange tabs), and errors (red tabs)
2025_ITP_IF_NTC_Checker.xlsx	Workbook comparing TRAC NTC ratings vs model ratings
2025_ITP_IF_DocuGraph.xlsx	SPP DocuGraph
2025_ITP_IF_Islands_&_Raw_Read_Warnings.xlsx	Contains islands and raw read warning errors prior to tweaking and solving the models. These winding errors and islands need to be reviewed and corrected as needed.

- **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](#).