

2024 ITP Base Reliability (BR) Powerflow Model Information – Initial-Final

- **Action Required**

SPP staff posted the Initial-Final - 2024 ITP BR Powerflow models and supplemental data to GlobalScape today. SPP Staff built models using PSS®E version 35.3 and is requesting Stakeholder feedback as follows:

- Please verify topology is modeled appropriately
 - Please submit topology updates as PSS®E version 35.3 idev files as well as any questions or feedback 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_2023MDAGP4-25S or Nextera_2023MDAGP4-25S
 - 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 2024 ITP:

- 2025 Base Reliability Light Load, Summer, and Winter models
- 2028 Base Reliability Light Load, Summer, and Winter models
- 2033 Base Reliability Light Load, Summer, and Winter models

The 2023 series MDAG and 2024 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 ([2023 Series MDAG 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**
 - **SPP staff will be requesting approval of the 2024 ITP Base Reliability Initial-Final Powerflow models from TWG during the TWG Net Conference on March 28, 2023.**
 - For any topology updates as an idev as well as questions or feedback by **Friday, March 24th, 2023** 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”. 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 feedback from Pass 2 Trial 2
 - SPS 10.3 adding multiple DPAs

- **Modeling Notes**
 - Models are named with the initials IF for Initial Final, but these models will still need approval from membership.

- **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 → 2024 ITP → Powerflow Models in the “Initial Final” folder.

File Name	Description
2024 ITP IF Compare.zip	Comparison of 2023 ITP Pass Final – 2024 ITP Pass Initial Final
2024_ITP_IF_Raw.zip	Models in .RAW file format
2024_ITP_IF_Sav.zip	Models in .SAV file format
2024_ITP_IF_Raw_NB.zip	Models including Node Breaker in .RAW file format
2024_ITP_IF_Sav_NB.zip	Models including Node Breaker in .SAV file format
2024_ITP_IF_Docucheck.xlsx	SPP DocuCode
2024_ITP_IF_NTC_Checker.xlsx	Workbook comparing TRAC NTC ratings vs model ratings
2024_ITP_IF_DocuGraph.xlsx	SPP DocuGraph
2024_ITP_IF_ACCCResults.zip	ACCC Results from initial final models

- **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](#).