

2023 ITP Base Reliability (BR) Powerflow Pre-Final Model Information

- **Action Required**

The 2023 ITP Base Reliability (BR) Powerflow Pre-Final models and supplemental data including Performance testing ACCC results will be posted to [GlobalScape](#) by **Friday, March 4, 2022**. SPP staff is requesting stakeholder feedback as follows:

- 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 \(RMS\)](#).
 - 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, 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; 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 approval of the 2023 ITP Base Reliability Pre-Final Powerflow models from TWG via email on March 28, 2023.**
 - Please review and provide any feedback via the SPP Request Management System ([RMS](#)) using the “Submit Information” **Quick Pick** and “Integrated Transmission Planning (ITP)/Data Submission” **SubType1**.

Please provide topology updates by **Friday, March 11, 2022** through [RMS](#). For any questions or feedback, please submit those by **Friday, March 11, 2022** through [RMS](#) using the “Submit Information” **Quick Pick** and “Integrated Transmission Planning (ITP)/Data Submission” **SubType1**. 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 the SPP Request of Pass 2
 - Applicable recent corrections to the 2022 MDAG/MDWG Models affecting the 2023 ITP BR models.
- **Modeling Notes:**
Models are named with the initials IF for Initial Final, but these models will still need approval from membership. This pass was renamed Pre-Final to correspond with the MDAG model build.
- **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 “Pre-Final” folder.

| File Name | Description |
|--|--|
| 2023 Pass 2 - 2022 Pass IF Compare.zip | Comparison of 2022 ITP Pass 2 – 2022 ITP Pass IF |
| 2023_ITP_PassIF_Raw_V34.zip | Models in .RAW file format. Excludes Node Breaker |
| 2023_ITP_PassIF_Sav_V34.zip | Models in .SAV file format. Excludes Node Breaker |
| 2023_ITP_PassIF_Raw_V34_NB.zip | Models in .RAW file format including Node Breaker Data |
| 2023_ITP_PassIF_Sav_V34_NB.zip | Models in .SAV file format including Node Breaker Data |
| 2023 ITP Pass IF Dispatch Results.xlsx | Transactions, shortfall, and potential dispatch errors |
| 2023 ITP Pass IF NTC Check.xlsx | Workbook comparing TAGIT NTC ratings vs model ratings |
| 2023_ITP_PassIF_Docucheck.xlsx | SPP DocuCode |
| 2023_ITP_PassIF_DocuGraph.xlsx | Graphical representation of Load and Generation |
| 2023_ITP_PassIF_ACCResults.zip | ACCC results from Pre-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**, 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](#) .