

2022 ITP Preliminary Base Reliability (BR) Powerflow Model Information – Pass 2

- **Action Required**

SPP staff is requesting stakeholder feedback on the 2022 ITP BR Powerflow models – Pass 2, and supplemental data posted today, as follows:

- Please verify topology is modeled appropriately
 - Please submit topology updates as PSS®E version 34 idev files through the [Model on Demand \(MOD\)](#); 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 2022 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 2021 series MDWG and 2022 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 MDWG page ([2021 Series MDWG Powerflow and Short Circuit Model Build](#)) for the different deadlines and milestones.

- **Entities Required to Provide Feedback:**

All interested stakeholders, primarily TWG and MDWG stakeholders

- **Due Date and Method of Submittal**

Please provide final adjustments for load, generation, transaction, topology, and sequence data updates by **Friday, February 5th, 2021** through **MOD**. The deadline for new Load and Generator was December 11, 2020. If there is a need to add new and/or update load or generator data, it would be considered a LATE submission and will be evaluated through the ITP Manual section 10.3 process. For any questions or feedback, please submit those by **Friday, February 5th, 2021** through the SPP Request Management System (**RMS**) under the “ITP-Data Submissions” Quick Pick.

If there are no changes to submit, please send an email to SPPEngineeringModeling@spp.org stating there are no changes that will be submitted to SPP for this model build pass.

- Changes from Last Pass**
 Member submitted Profile and Topology updates associated with the SPP Request of Pass 2 data.
 -Initial Dispatch of Winter Operational Bid data in winter and fall models.
- 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 → 2022 ITP → Powerflow Models in the “Pass 2” folder.

File Name	Description
2022 Pass 1 T2 - 2022 Pass 2 Compare.zip	Comparison of 2022 ITP Pass 1 – Trial 2 – 2022 ITP Pass 2
2022_ITP_Pass2_Raw_V34.zip	Models in .RAW file format
2022_ITP_Pass2_Sav_V34.zip	Models in .SAV file format
2022 ITP Pass 2 Dispatch Results.xlsx	Transactions, shortfall, and potential dispatch errors
2022 ITP Pass 2 NTC Check.xlsx	Workbook comparing TAGIT NTC ratings vs model ratings
2022_ITP_Pass2_Docucheck.xlsx	SPP DocuCode

- 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 “GlobalScape Access Request” Quick Pick. Other helpful links can be found on [SPP.org](#).