

2022 ITP Preliminary Base Reliability (BR) Powerflow Model Information – Pass 1 - Trial 2

- **Action Required**

SPP staff is requesting stakeholder feedback on the 2022 ITP BR Powerflow models – Pass 1 - Trial 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 load, generation, transaction, topology, and sequence data updates by **Friday, December 11, 2020** through [MOD](#). For any questions or feedback, please submit those by **Friday, December 11, 2020** through the SPP Request Management System ([RMS](#)) under the “ITP-Data Submissions” Quick Pick. Generation and load data submitted after December 11, 2020 will be considered late and will be evaluated through the ITP Manual section 10.3 process.

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 1 Trial 2 (T2) data.

- **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 1 Trial 2” folder.

File Name	Description
2022 Pass 1 T1 - 2022 Pass 1 T2 Compare.zip	Comparison of 2022 ITP Pass 1 – Trial 1 – 2022 ITP Pass 1 – Trial 2
2022_ITP_Pass1_T2_Raw_V34.zip	Models in .RAW file format
2022_ITP_Pass1_T2_Sav_V34.zip	Models in .SAV file format
2022 ITP Pass 1T2 Dispatch Results.xlsx	Transactions, shortfall, and potential dispatch errors
2022 ITP Pass 1T2 NTC Check.xlsx	Workbook comparing TAGIT NTC ratings vs model ratings
2022_ITP_Pass1_T2_Docuccheck.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](#).