

2022 ITP Short-Circuit Model Information – Initial Final Pass

- **Action Required**

SPP staff is requesting stakeholder feedback on the 2022 ITP Short-Circuit models – Initial Final Pass. The models are being built using PSS®E version 34. The 2022 ITP Short-Circuit models – Initial Final models will be posted to GlobalScape today and supplement information by 8:00 am Monday, March 08, 2021.

As a reminder, a year 2 summer peak model will be used for the 2022 ITP short-circuit assessment in consideration of NERC Standard TPL-001. ITP needs will be identified from this Short-Circuit model.

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 and 2022 ITP Powerflow and Short Circuit Model Build](#)) for deadlines and milestones.

- **Entities Required to Provide Feedback:**

All interested stakeholders, primarily TWG and MDWG stakeholders

- Data Submitters should review the models to ensure that all submitted updates were implemented correctly. SPP staff should be notified of any discrepancies in a timely fashion.

- **Notes**

- The Final SERC models have not been included into this pass of models. The tentative timeline for final SERC models is during the week of 3/8/2021. After the SERC models are finalized, SPP Staff plans to incorporate those models into the 2022 ITP SC models and re-post a *second Proposed Initial Final Pass*.

- **Due Date and Method of Submittal**

- Please review and provide any feedback via the SPP Request Management System ([RMS](#)) under the “ITP-Data Submission” Quick Pick.

Please provide topology updates by **March 12, 2021** through **RMS**. For any questions or feedback, please submit those by **March 12, 2021** through **RMS** under the “ITP-Data Submissions” Quick Pick. Any data submitted via RMS beyond the deadlines above will be considered late and will follow the ITP Manual Section 10.3 process.

- **SPP staff will be requesting a motion for approval of the 2022 ITP Short-Circuit Models after the final SERC information is included in the proposed final models. The SERC update will likely result in a second posting of the 2022 ITP short circuit Initial Final models. Staff will communicate to stakeholders about the second Initial Final posting to introduce the process of requesting a future email motion.**

- **Changes from Last Pass**

Member submitted Profile and Topology updates associated with SPP Request of Pass 3 data.

Inclusion of external data from pre-final SERC cases.

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

File Name	Description
2022 ITP SC Initial Final Pass Sav.zip	Short-circuit models in sav format
2022 ITP SC Initial Final Pass Raw & Seq.zip	Short-circuit models in raw and seq format
Max_Fault_Offline_Facilities_ITP.zip	Facilities that should not be online for the max fault scenario
2022 ITP SC Initial Final Pass DocuCode.zip	List of possible errors that need reviewing
2021MDWGPF_Exception_Template_File_for_PF_SC.xlsx	Exceptions list for Powerflow and Short Circuit
Preliminary Fault Currents.zip*	Preliminary bus-fault and line-outs results

*Will be posted on Monday, March 8th, 2021

- **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](#).