

2021 ITP Short-Circuit Model Information - Pass 1 Trial 1

- **Action Required**

SPP staff is requesting feedback on the 2021 ITP Short-Circuit models – Pass 1 Trial 1. The models are being built using PSS®E version 34.

As a reminder, a year 2 summer peak model will be used for the 2021 ITP short-circuit assessment in consideration of NERC Standard TPL-001-4. ITP needs will be identified from this Short-Circuit model.

The 2020 series MDWG and 2021 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 ITP and 2020 Series MDWG 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.
- If there are any facility exceptions that need to be considered in the exceptions file, please provide updates.
- DocuCheck provides a list of values that are outside of tolerance or are in error, please review and provide updates.
- If there are updates to the list of facilities that should not be online for the max fault scenario, please provide updates for that file.
- Updates/Corrections can be sent to SPPEngineeringModeling@spp.org

- **Due Date and Method of Submittal**

Please provide feedback by **Friday, October 18, 2019** through **MOD**. For any questions or feedback, please submit those by **Friday, October 18, 2019** through **RMS** under the “ITP-Data Submissions” Quick Pick.

- **Changes from Last Pass**

N/A

- **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 → 2021 ITP → Short Circuit Models in the “Pass 1 Trial 1” folder.

File Name	Description
2021 ITP SC Pass 1 Trial 1 Sav.zip	Short-circuit models in PSSE version 34
2021 ITP SC Pass 1 Trial 1 Raw & Seq.zip	Short-circuit models in raw and seq format

File Name	Description
Max_Fault_Offline_Facilities.idv	Facilities that should not be online for the max fault scenario that need updating
2021 ITP SC Pass 1 DocuCode.zip	List of possible errors that need reviewing
2020MDWGP1T1_Exception_Template_File_for_PFS C.xlsx	Exceptions list for Powerflow and Short Circuit
Preliminary Fault Currents.zip	Preliminary bus-fault and line-outs results

- **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](#).