

2022 ITP Short-Circuit Model Information – Third Initial Final Pass

- **Action Required**

SPP staff is requesting stakeholder feedback on the 2022 ITP Short-Circuit models – Third Initial Final Pass. The models are being built using PSS®E version 34.

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 MDAG 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**

- SPP Staff will be recommending approval of the 2022 ITP Third Initial Final Short-Circuit models via an email vote during the **week of April 26th, 2021**.

- **Changes from Last Pass**

Member submitted Profile and Topology updates associated with SPP Request of Second Initial Final data.

- **Clearway topology at San Juan Mesa Plant**
- **GRDA NO line and topology update**
- **INDN sequence update**
- **KACY mutual impedance update and topology fix**
- **MRES connection code updates**
- **SUNC NO lines update**
- **Inclusion of external data from 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 **“Third Initial Final”** folder.

File Name	Description
2022 ITP SC Third Initial Final Pass Sav.zip	Short-circuit models in sav format
2022 ITP SC Third Initial Final Pass Raw & Seq.zip	Short-circuit models in raw and seq format

File Name	Description
Max_Fault_Offline_Facilities_ITP.zip	Facilities that should not be online for the max fault scenario
2022 ITP SC Third 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

- **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](#).