

2021 ITP Short-Circuit Model Information – Initial Final - Updated

- **Action Required**

SPP staff is requesting stakeholder feedback on the updated 2021 ITP Short-Circuit models – Initial Final. The models are being built using PSS®E version 34. The updated 2021 ITP Short-Circuit models – Initial Final models will be posted to [GlobalScape](#) by **8:00 am Monday, April 6, 2020**.

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 ([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.

- **Due Date and Method of Submittal**

- **SPP staff will be requesting a motion for approval of the 2021 Short-Circuit Model Information – Initial Final models from TWG via email on April 10, 2020.**

- **Changes from Last Pass**

- Updates to the Max Fault idevs
- Inclusion of model updates provided by Data Submitters
 - GRDA sequence and impedance updates
 - KACY sequence and impedance and connection code updates
 - NPPD connection code updates
 - WAPA sequence, reactance, and connection code updates
 - OPPD generation retirement corrections
 - INDN generation retirement corrections

- **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 “Initial Final” folder.

File Name	Description
2021 ITP SC INIT FINAL Sav.zip	Short-circuit models in sav format

File Name	Description
2021 ITP SC INIT FINAL Raw & Seq.zip	Short-circuit models in raw and seq format
Y1-22S-MAX-FAULT-ITP.idv Y2-23S-MAX-FAULT-ITP.idv Y5-26S-MAX-FAULT-ITP.idv Y10-31S-MAX-FAULT-ITP.idv	Facilities that should not be online for the max fault scenario
2021 ITP SC INIT FINAL DocuCode.zip	List of possible errors that need reviewing
2020MDWGPX_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

***Note: Preliminary Fault Currents will not be posted with the models, but will be posted before April 10, 2020.**

- 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](#).