

2020 ITP Short-Circuit Models – Updated Final

- **Action Required**

SPP has posted updates to the final 2020 ITP Short-Circuit models and supplemental data to [GlobalScape](#) for stakeholder review and approval. The posted models were built using the final ITP Base Reliability (BR) powerflow model posted on 11/04/2019.

SPP will solicit a motion from TWG at the [February 4-5, 2020 meeting](#) to approve the updates to the final 2020 ITP Short-Circuit models.

As a reminder, a year 2 summer peak model will be used for the 2020 ITP short-circuit assessment in consideration of NERC Standard TPL-001-4. ITP needs will be identified from this Short-Circuit model.

- **Entities Required to Provide Feedback:**

All interested stakeholders, primarily TWG and MDWG stakeholders

- **Due Date and Method of Submittal**

SPP will solicit a vote for approval of the final Short Circuit models at the TWG February 4-5, 2020 meeting. Please review and provide any feedback via the SPP Request Management System ([RMS](#)) under the “ITP-Data Submission” Quick Pick.

- **Changes from Last Pass**

Impedance and line length update for the Castro County – Bethel 115 kV line

Duplicate facility removals and sequence data updates (mostly related to boundary facilities)

Thistle, Hugo, Elm Creek, Post Rock 3 winding transformer sequence data update

- **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 → 2020 ITP → 2020 ITP Short Circuit Models in the “Final” folder.

File Name	Description
2020 ITP SC Final Sav.zip	Short-circuit models in PSSE version 33
2020 ITP SC Final Raw & Seq.zip	Short-circuit models in raw and seq format
Max_Fault_Offline_Facilities.idv	Facilities that should not be online for the max fault scenario
2020 ITP SC Final DocuCode.xlsx	List of possible errors that need reviewing

- **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](#).