

2021 ITP Updated Needs Assessment Posting - Updated

SPP has identified additional voltage collapse contingencies associated with the 2031 Summer Peak case of the 2021 ITP further evaluation that were not recalculated due to a system issue. SPP has recalculated these contingencies and appended their associated proxy violated buses to the “Updated 2021 ITP Needs Assessment” document at the end of the “RELIABILITY Needs – Voltages”, “RELIABILITY Needs - P3 Voltages”, and “CRITERIA VIOLATIONS - P3 Vltgs” tabs. These violations will be marked with a light-green NEED ID# field for easy identification.

File Information

Information for obtaining posted data can be found at the bottom of this document.

The updated 2021 ITP needs assessment can be found on [GlobalScape](#) under “ITP → ITP → NCD (CEII, RSD) → NDA → 2021 ITP → Needs Assessment and Target Areas”.

File Name	Description
Updated 2021 ITP Needs Assessment.xlsx	Updated 2021 ITP Needs Assessment including additional voltage collapse contingencies

The 2021 ITP models utilized for this needs assessment are posted on GlobalScape using the filepaths listed below:

- Base Reliability Powerflow Models
 - ITP → ITP → NCD (CEII, RSD) → NDA → 2021 ITP → Further Evaluation
- Market Economic Models (formerly SPP BA Economic Models)
 - ITP → ITP → NCD (CEII, RSD) → License_NDA_JointSPPMISO → 2021 ITP **OR**
 - ITP → ITP → NCD (CEII, RSD) → ABBNDA_NDA_JointSPPMISO → 2021 ITP

The auxiliary files utilized for the 2021 ITP Assessment can be found on [GlobalScape](#) under “ITP → ITP → NCD (CEII, RSD) → NDA → 2021 ITP → AUX Files”.

SUB/MON/CON/INVALID CON Data:

File Name	Description
Sub2019_v33.sub	Subsystem file
BCmon2019withInterfaceSummer.mon	Basecase monitored elements file
BCmon2019withInterfaceWinter.mon	Basecase monitored elements file
mon2019_with_local_area_criteria.mon	Monitored elements file
Incremental_Contingencies.con	Additional contingencies for 2021 ITP
2021_SPS_P3_New.con	New P3 identified

Information for obtaining posted data:

In order to obtain access to these documents in [GlobalScape](#), stakeholders must provide SPP with the following signed [confidentiality agreements](#). Instructions can be obtained by clicking on the link. Please submit these forms via [RMS](#) using the “Initiate a System Access Action” **Quick Pick** and “[Globalscape File Sharing \(Maps, Models, Cases, etc\)/SPPDocushare / Engineering / TCR Map / Models](#)” **SubType1**. After the executed confidentiality agreement is received, an account will be created for the requester on [GlobalScape](#). An email

with instructions for logging in will be sent to the requester. For those that already have [GlobalScape](#) access, no additional action is necessary.

As a reminder, instructions for requesting access to the model information can be found on the SPP website [here](#).

Helpful Links

[GlobalScape](#) frequently asked questions can be found in [Knowledgebase Article 686](#). Other helpful links can be found on [SPP.org](#).