

## 2022 ITP Needs Assessment Posted

**The 2022 Integrated Transmission Planning (ITP) Assessment Detailed Project Proposal (DPP) Transmission Planning Response Window (“DPP Window”) opens at 12:00 a.m. CDT (midnight) April 12, 2022, and will remain open until May 11, 2022 at 11:59 p.m. CDT.**

### 2022 ITP DPP Window Information

All DPP and non-DPP stakeholder submittals need to be received by **11:59 p.m. CDT on Wednesday, May 11, 2022**, in order to meet assessment timelines. Non-DPP submittals may include, but are not limited to, operating guides, model corrections, and Order 890 solutions (such as submittal for company-specific local planning criteria). Any submittals received after the end date is not guaranteed to be evaluated in the 2022 ITP Assessment.

Please use the [updated DPP Submittal Form](#) for sending in **all** solution submittals, including non-DPP and Order 890 solutions. This form has been updated for 2022.

### 2022 ITP Needs Assessment Information

As part of the 2022 ITP assessment, SPP conducts reliability and short circuit analysis, as detailed in Section 4 of the [ITP Manual](#), which results in a comprehensive list of needs being posted for SPP stakeholders. The DPP Submittal Form updates and other Needs Assessment information is included in the [2022 ITP Needs Assessment Posting Information](#) document posted along with the needs assessment. Topics in that document are itemized below:

- *DPP Submittal Form Updates*
- *2022 ITP Needs Assessment*
  - *SPP Evaluation of Model Changes Not Included in the Approved Model Set*
  - *Short Circuit Needs*
  - *NERC TPL-001 P3 Event (P3) Needs*
  - *Local Planning Criteria violations*
  - *Informational Needs*
- *2022 ITP Staff Solution Development*
  - *SPP Staff Standard Impedance Solution Development Information*
  - *Facility Ratings*
  - *Data used for SPP ITP Staff Solutions*
  - *Conceptual Cost Estimates*

### [File locations on GlobalScope](#)

#### **Material Disclaimer**

CONTAINS CONFIDENTIAL AND PROTECTED MATERIAL NOT AVAILABLE TO COMPETITIVE DUTY PERSONNEL – DO NOT RELEASE

**Needs Assessment documents**

The 2022 ITP Needs Assessment document can be found on [GlobalScape](#) under *ITP → ITP → NCD (CEII, RSD) → NDA → 2022 ITP → 2022 ITP Needs Assessment* **AND** *ITP → ITP → CD (CEII) → NDA → 2022 ITP → 2022 ITP Needs Assessment*

File Name	Description
2022 ITP Needs Assessment.xlsx	Needs assessment document including all needs, violations, and supplemental information
Solve idevs.zip	ACCC load flow parameters

The 2022 TPL/ITP P3 Potential Violations that are listed on “P3 Voltages- Not Yet Review” tab, in the 2022 ITP Needs Assessment workbook, will be reviewed by the Transmission Owners to provide a system adjustment to mitigate the G-1 contingency that is part of the N-1-1 contingency. The system adjustment should be in the form of an idev file that executes in the applicable case without any PSS®E warnings or errors in order for SPP to apply and test the system adjustment. These 2022 TPL/ITP P3 potential violations were not completed in enough time to send to the Transmission Owners prior to the DPP window opening.

**Final Models Information**

The 2022 ITP models utilized for this needs assessment are posted on GlobalScape using the file paths listed below:

- Base Reliability Powerflow Models
  - *ITP → ITP → NCD (CEII, RSD) → NDA → 2022 ITP → Powerflow Models → Approved Final Powerflow Models → **Final Powerflow Models***
- Short-Circuit Models
  - *ITP → ITP → NCD (CEII, RSD) → NDA → 2022 ITP → Short Circuit Models → **Final***

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

**Auxiliary Files: SUB/MON/CON/INVALID CON Data**

The auxiliary files utilized for the 2022 ITP Assessment can be found on [GlobalScape](#) under *ITP → ITP → NCD (CEII, RSD) → NDA → 2022 ITP → **AUX Files***

File Name	Description
2022 ITP AUX Files.zip	Zip file containing auxiliary files, which are the subsystem file, base case monitored elements file, monitored elements file, contingency files (member-submitted contingencies)  <i>Note: 2022 ITP AUX Files have been updated as of 4/11/2022</i>
P3_Contingency_Files.zip*	P3 contingency files
Invalid Contingencies 2022 ITP.csv	Invalid contingencies file

**\*Note:** PSS®E version 34.7 has a 12-character upper limit for contingency labels, and several of the contingencies in the contingency files have labels that exceed 12 characters. These P3 event files contain the individual elements that were paired together to make the complete P3 event. Completed P3 events that were associated with a need will be posted in the needs assessment.

Needs associated with contingencies listed in the invalid contingency file (*InvalidContingency\_2022\_ITP.csv*) are included in this posting to ensure any actual valid contingency listed as invalid was posted for consideration. If you observe contingencies that are incorrectly considered valid or invalid in the posted needs assessment, please submit an [SPP Request Management System \(RMS\)](#) ticket indicating the reason why the contingency should be reclassified as valid or invalid. Needs associated with invalid contingencies will be invalidated.

Description	Deadline
DPP/non-DPP Transmission Planning Response Window	May 11, 2022, 11:59 PM CDT

### 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 "Initiate a System Access Action" **Request Template**, "Access" **Request Type**, and "Globalscape File Sharing (Maps, Models, Cases, etc.) / SPPDocushare / Engineering / TCR Map / Models" **SubType1**. [GlobalScape](#) frequently asked questions can be found in [Knowledgebase Article 686](#). Other helpful links can be found on [SPP.org](#).