

2018 ITP Near-Term (ITPNT) Needs Assessment Posted

The 2018 ITP Near-Term (ITPNT) Detailed Project Proposal (DPP) Transmission Planning Response Window (“DPP Window”) opens at 12:00 a.m. CDT (midnight) January 3, 2018, and will remain open until February 1, 2018 at 11:59 p.m. CDT.

All DPP and non-DPP stakeholder submittals (non-DPPs, such as operating guides, or Order 890 solutions, such as submittal for company-specific local planning criteria) need to be received by **11:59 p.m. CDT on Thursday, February 1, 2018**, in order to meet study timelines. Any non-DPP or Order 890 solution submittal received after that date are not guaranteed to be evaluated in the 2018 ITPNT. The [updated DPP Submittal Form](#) is the preferred method for receiving **all** solution submittals, including non-DPP and Order 890 solutions.

2018 ITP Near-Term Model Set and Auxiliary File Postings

The 2018 ITPNT models utilized for this needs assessment were [posted](#) and approved according to the schedule below.

Models	Posted	TWG Approved
S0, S5, BR, DC	Oct. 10	Oct. 16
BA	Nov. 3	Nov. 15
Brookline ¹	Dec. 13	Dec. 20

The auxiliary files utilized for this needs assessment were [posted](#) on December 13, 2017.

2018 ITP Near-Term Needs Assessment Posting

The 2018 ITPNT needs assessment can be found on [GlobalScape](#) under “ITP (CEII, RSD) → ITPNT → 2018 ITPNT” in the “Needs Assessment” folder and on [TrueShare](#) under “Integrated Transmission Planning – Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release → 2018 ITPNT” in the “2018 ITPNT Needs Assessment” folder.

Review the “OVERVIEW” tab of the 2018 ITPNT Needs Assessment workbook for a description of the included data tabs.

The posted reliability needs contain all criteria violations² and additional information regarding violations that were either invalidated or mitigated by SPP. This includes contingencies submitted as invalid by the transmission owner or needs that were mitigated by SPP staff through model

¹ The models for the Brookline High Voltage Need can be found on Globalscape or TrueShare, using the following paths:
 GlobalScape: ITP (CEII, RSD) → ITPNT → 2018 ITPNT → Final → Brookline High Voltage Models.zip
 TrueShare: Integrated Transmission Planning—Confidential and Protected... → 2018 ITPNT → 2018 ITPNT Powerflow Models Final → Brookline High Voltage Models.zip

² Includes all violations due to the planning events simulated for the study, as defined in the 2018 ITPNT Scope, except those due to P3 planning events that were mitigated through allowable system adjustments. These mitigations have already been reviewed and vetted by SPP stakeholders and staff.

adjustments, reactive device setting adjustments, alternative PSSE solution options, and other methods as described in the “LEGEND” tab of the 2018 ITPNT Needs Assessment workbook.

The “Supplemental – Overloads” and “Supplemental – Voltages” tabs include needs for informational purposes, such as the 2019 DC needs and the 69 kV needs from the additional contingencies. As part of solution development, 69 kV violations caused by the additional contingencies will be used as supplemental information when selecting solutions to address 100 kV+ violations caused by those same contingencies.

Solutions driven by DC Tie sensitivity needs will be further evaluated for additional merits that would support the need for the project. The TWG will make a recommendation to the MOPC and SPP Board of Directors on project(s) that solve these observed potential violation(s) from the DC Tie sensitivity case, by leveraging historical data and engineering judgment. Solutions approved from the DC Tie sensitivity case will leverage analysis from the 2019 Winter DC Tie sensitivity case for staging purposes only.

Solutions driven only by scenario 5 summer peak needs will be further evaluated for additional merits that would support the need for the project. This may include each solution’s ability to allow additional allocation of Auction Revenue Rights (ARR), ability to resolve current or projected market congestion, or potential adjusted production cost benefits. The details of these additional evaluations will be discussed with the TWG and other applicable stakeholder groups prior to potential recommendation of a solution for construction. Projects driven from this analysis will be explicitly identified and approved independently by the SPP Board of Directors.

Files posted on GlobalScape/TrueShare:

File Name	Description
IDEV Files for Solve Methods.zip	Idev files for each solution method used by SPP staff during the Needs Assessment
2018 ITP Near-Term Needs Assessment.xlsx	Needs Assessment document including all needs, violations, and supplemental information

SPP Evaluation of Model Changes Not Included in the Approved Model Set

SPP will assess the impact to the posted needs of any submitted model changes during evaluation of solutions for the 2018 ITPNT. This includes any model corrections or adjustments submitted after the models were approved by the TWG, any known Notification to Construct (NTC) projects not included in the approved model set, and any modeled NTCs that have been withdrawn or will be withdrawn during the development of transmission portfolios. Note:

- Defined needs are based on the approved 2018 ITPNT model set
- All solutions will be screened against the approved model set without consideration of model changes
- The impact of all model changes will be captured and considered in development of the transmission portfolio
- No new needs will be identified due to the impact of any model changes; any new violations will be assessed in future studies

- Model adjustments will be evaluated to determine the impact on posted transmission needs and potentially utilized as solutions in development of the transmission portfolio
- Current NTCs not already included in the approved model set will be evaluated and utilized as potential solutions to transmission needs. This is not to be considered a re-evaluation of those existing NTCs.

INFORMATION for obtaining access to the 2018 ITPNT needs assessment

In order to obtain access to these documents in GlobalScape or TrueShare, stakeholders must provide SPP with a signed [confidentiality agreement](#). Instructions can be obtained by clicking on the link. Please submit these forms via [RMS](#) through the “Request Globalscape Access” or “Request TrueShare Access” Quick Pick. After the executed confidentiality agreement is received, an account will be created for the requester on GlobalScape or TrueShare. An email with instructions for logging on will be sent to the requester. For those that already have a GlobalScape or TrueShare account, no additional action is necessary.

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

Description	Deadline
DPP Transmission Planning Response Window	February 1, 2018, 11:59 PM CDT
Non-DPP/Order 890 Submissions	February 1, 2018, 11:59 PM CDT

Helpful Links

- [Transmission Owner Selection Process \(formerly Order 1000\) home page](#)
 - [Order 1000 Documents](#)
 - [Detailed Project Proposal \(DPP\) page](#)
- [SPP Transmission Planning Page](#)
 - [All notice postings previously on the SPP.org home page are now on this page](#)
 - [ITP Postings \(formerly in Order 1000 Documents folder\) here](#)
- SPP Request Management System ([SPP RMS](#)) is the preferred method for inquiries and data submissions. Click on this link and then “Register Now” if you are not already registered.
 - Quick Picks to use in RMS:
 - “Request Globalscape Access” Quick Pick for access to GlobalScape for models
 - “Request TrueShare Access” Quick Pick for access to TrueShare for models
 - “ITP-Project Inquiry” Quick Pick for questions/comments regarding projects
 - “ITP-Modeling Inquiry” Quick Pick for input regarding modeling
 - “ITP-DPP Submittal” Quick Pick for DPP submissions
 - “ITP-Data Submission” Quick Pick for responses to ITP data requests and surveys from SPP
- [SPP RMS](#) is the preferred method for receiving all inquiries and solution submittals.