

## Update to 2018 ITPNT Base Reliability Models and Needs Assessment

In response to an RMS ticket related to the Base Reliability (BR) models received from a stakeholder SPP staff discovered that during the final pass of the 2018 ITPNT BR models, interchange between areas was modeled incorrectly, which affected the dispatch of conventional resources. The impact was limited to the 2019 and 2022 Summer BR models.

Interchange between areas has been corrected, resulting in an update to each area's conventional dispatch. Based upon the approved direction from the TWG, SPP staff is updating the 2018 ITPNT Needs Assessment to reflect the corrected models, and providing the updated BR models for stakeholders' use in solution development. The deadline for DPP submittals has not been modified as result of this update.

As a result of these corrections, 20 new valid criteria violations (Monitored Element/Contingent Element pairs) have been identified for informational purposes and 9 needs are no longer considered valid. The new criteria violations appear only on monitored elements which were already identified in the Needs Assessment posted on January 2, 2018. The columns with updated information in the updated Needs Assessment have been highlighted blue. Please use the corrected BR models and updated information (including the new criteria violations) included in the updated Needs Assessment to develop solutions. The new BR models will be used by SPP to test Detailed Project Proposals (DPPs) and other solutions, as well as develop draft and final portfolios.

All new criteria violations resulting from the corrected BR models are identified in the 'CRITERIA VIOLATIONS – Thermal' and 'CRITERIA VIOLATIONS – Voltage' tabs added to the Needs Assessment. Original violations that are no longer valid are identified in the 'Updated Staff Mitigation' columns of the 'RELIABILITY Needs – Thermal' and 'RELIABILITY Needs – Voltage' tabs.

Adjustments to Local Planning Criteria violations will be coordinated with those entities that have identified themselves as having a more stringent Local Planning Criteria.

These files can be found on [GlobalScape](#) under "ITP (CEII, RSD) → ITPNT → 2018 ITPNT" in the "[Updated Base Reliability \(BR\) Models](#)" 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 Updated Base Reliability \(BR\) Models](#)" folder.

The updated 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.

**FILE Information**

FILE	DESCRIPTION
Pass 7 Base Reliability Models.zip	2018 ITPNT Updated BR models
Updated 2018 ITP Near-Term Needs Assessment.xlsx	Updated Needs Assessment document including all needs, violations, supplemental information, and new criteria violations resulting from the updated BR models.

**Information for obtaining the 2018 ITPNT models**

In order to obtain access to these documents in [GlobalScope](#) 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 [GlobalScope](#) or [TrueShare](#). An email with instructions for logging on will be sent to the requester. For those that already have a [GlobalScope](#) 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](#).

**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 GlobalScope 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.