

## 2019 ITP Constraint Assessment Final Review

The final list of constraints for the 2019 ITP have been posted to [GlobalScape](#) for stakeholder review. The stakeholder reviewed constraints in this list include: 1) SPP permanent flowgates 100kV and above, 2) Future- and study year-specific 100kV and above constraints identified in the Constraint Assessment process that utilized the BA Economic model dispatch, 3) Select 69kV SPP permanent and temporary flowgates, and 4) SPP-identified 69kV constraints that are affected by generation dispatch.

During the constraint assessment, SPP identified the need for additional GOFs and included previously excluded P2.1 events.

### GOFs

During the initial GOF approvals, SPP noted there may be additional GOFs identified during the constraint assessment milestone and the TWG would be asked to approve these additional GOFs as part of the constraint assessment approval. SPP has identified two sites where additional GOFs are needed during the constraint assessment: 1) Crossroads 345 kV (SPS) and 2) LaRussell Energy Center 161 kV (EMDE).

For the Crossroads site, two (2) 345 kV lines leaving the Crossroads bus need ratings increases to handle the additional wind near the site. These ratings increases on the Eddy County – Crossroads 345 kV line and the Crossroads – Tolk 345 kV line are achieved by replacing terminal equipment and or raising clearances for certain spans of the line. Additionally, a parallel 345/230 kV transformer is needed at Eddy County.

For the LaRussell Energy Center site, a jumper upgrade is needed on the Carthage – Carthage SW 161 kV line to allow the wind resources in the area to dispatch at their full capacity.

Staff has discussed these upgrades with the affected TOs and the new ratings in the models have been agreed upon using each member's capability information for the specific facilities in question.

### P2.1 Events

For P2.1 events, SPP initially took efforts to remove these constraints, but during constraint evaluation SPP identified additional P2.1 events. In an effort to create consistency for P2.1 events, SPP leveraged ITP Manual Language 2.2.3.1 and included P2.1 events identified in the constraint assessment process and have included these in the final constraint assessment posted list.

SPP will solicit a vote via email [October 5, 2018](#) from TWG for approval of:

- BA Economic model constraints
- 69kV contingencies used for the BA reliability needs assessment
- GOFs

### Material Disclaimer

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

These files can be found on [GlobalScape](#) under “ITP→ ITP→ NCD (CEII, RSD)→ NDA→ 2019 ITP” in the “[Constraint Assessment Review](#)” folder.

*For users who have signed an NDA:*

File Name	Description
2019 ITP Constraint Assessment Approval Review.xlsx	Workbook containing SPP permanent flowgates, SPP BA model constraints, and 69kV constraints to be reviewed for the 2019 ITP cycle

### 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:
    - **“GlobalScape Access Request”** Quick Pick for access to GlobalScape 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.