

2024 ITP Constraint Assessment Final Posting for Approval

- **Action Required**

The **revised** list of constraints and event files for the 2024 ITP has been posted to [GlobalScape](#) for the Transmission Working Group's (TWG) approval. The stakeholder reviewed constraints in this list include:

- 1) SPP permanent flowgates
- 2) Future and study year specific 100 kV and above constraints identified in the constraint assessment process that utilized the market economic model (MEM) dispatch
- 3) Select 69 kV SPP permanent and temporary flowgates, stakeholder submitted and SPP validated 69 kV constraints that are affected by generation dispatch
- 4) Interfaces and Nomograms.
- 5) Thermal overloads observed in the 2023 ITP market powerflow models that were not identified as events in the 2023 ITP event files

Stakeholder feedback received has been incorporated, and is highlighted in the workbook. SPP staff recommends the TWG approval of the 2024 ITP constraint assessment for use in the 2024 ITP cycle.

SPP is **not** requesting changes to constraint assessment results. Any new changes submitted will be considered under Section 10.3 of the ITP Manual.

Note: SPP is conducting continued analysis of the SPSNMTIES interface (rating did increase from Pass 1 based upon the discussions with SPP Operations and SPS) and anticipates posting an update to the interface rating ahead of the solicitation of a vote for approval from the TWG on Friday, December 8, 2023. This update will also include congestion scores based upon the latest event file. We are also investigating solutions to improve solution quality and run times which may include relaxing extreme overload violations and eliminating minimally loaded constraints.

- **Entities Required to Provide Feedback**

All interested stakeholders; primarily, TWG members

- **Due Date and Method of Submittal**

SPP will solicit a vote for approval from the TWG via email on **Friday, December 8, 2023** for approval of:

- SPP Permanent Flowgates (including 69 kV Constraints)
- SPP Market Economic Constraints
- 69 kV Constraints
- Interfaces and Nomograms

- **Changes from Last Pass**

The list of constraints has been updated to incorporate rating changes and feedback provided by stakeholders and continued validation efforts from SPP staff. New constraints that have been added to file can be identified using the "New Since Initial Posting" column.

- File updates:
 - Updated ratings per stakeholder feedback (incorporated member submitted up-rates only)
 - Updated records listing multiple scenarios to have one row per scenario
 - Removed constraints that no longer met inclusion criteria from "SPP Market Economic Constraints" tab and added to "SPP Mkt Econ. Constraints - Rmv" tab

- Updated the rating of the SPSNMTIES interface
- Added 2023 ITP MPM constraints

- **Material Disclaimer**

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

- **File location on [GlobalScape](#)**

For users who have signed an SPP non-competitive duty NDA:

These files can be found on GlobalScape under: ITP → ITP → NCD (CEII, RSD) → NDA → 2024 ITP → Constraint Assessment → in the “[Constraint Assessment Review](#)” folder.

File Name	Description
2024 ITP Constraint Assessment Recommendation.xlsx	Workbook containing SPP and NERC permanent flowgates, SPP MEM constraints, SPP MEM constraints removed, 69 kV constraints, and SPP and NERC Interfaces to be reviewed for the 2024 ITP cycle

- **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 “GlobalScape Access Request” Quick Pick. Other helpful links can be found on [SPP.org](#).