

2024 ITP Constraint Assessment Final Posting for Approval

- **Action Required**

The **updated final** list of constraints 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 (MPM) that were not identified as events in the 2023 ITP event files

Stakeholder feedback received since the initial posting has been incorporated, and is highlighted in the workbook. SPP staff recommends the TWG approve 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.

- **Changes from Last Pass**

- File updates:
 - Change of the SPSNMTIES interface rating from 1700 to 1760 in all seasons in years 5 and 10
 - Reduction in quantity of MPM constraints to achieve feasible simulation
 - The MPM constraints that have been removed have been listed in the tab titled "MPM Constraints – Rmv"
 - Correction of some 69 kV constraint ratings to match stakeholder submitted values

Note: The final reduction in quantity of MPM constraints and correction of some 69 kV constraint ratings will be seen in the event file posted with the PROMOD simulation files and outputs later this week that utilize the updated constraints. Updates to the SPSNMTIES interface rating is included in today's posting of the PROMOD simulation files and outputs.

- **Entities Required to Provide Feedback**

All interested stakeholders; primarily, TWG members

- **Due Date and Method of Submittal**

SPP is seeking a motion for TWG approval via email vote on **Wednesday, December 13, 2023** for approval of:

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

SPP will also solicit a vote for approval from the ESWG via email on **Tuesday December 19, 2023** for approval of the 2024 ITP recommended market economic models, which is being posted today, with an update to follow later this week. This update will include the topics listed above.

- **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 → in the “[Constraint Assessment Recommendation](#)” folder.

File Name	Description
2024 ITP Constraint Assessment Recommendation_v1.xlsx	Workbook containing SPP and NERC permanent flowgates, SPP MEM constraints, SPP MEM constraints removed, 69 kV constraints, SPP and NERC Interfaces, MPM Constraints, and MPM Constraints removed 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](#).