

2022 20-Year Assessment (20YA) Constraint Assessment for Review

- **Action Required**

An initial list of constraints for the 2022 20-Year Assessment (20YA) have been posted to [GlobalScape](#) for stakeholder review. The "Constraint Assessment Review" workbook includes the following list of constraints:

- SPP permanent flowgates and Interfaces
- Future specific 100 kV and above constraints identified in the constraint assessment process utilizing market economic model (MEM) dispatch

SPP staff welcomes stakeholder feedback on the initial constraints posted and the associated constraint ratings. SPP does **not** incorporate constraint derates during this review period.

While performing the constraint assessment, SPP staff noticed a significant increase in the number of constraints identified with the 20YA scenarios following the standard process utilized in the ITP studies. Simulation run times have also increased; thus, SPP staff will continue evaluating the posted list of constraints during this review period and may recommend tighter filtering criteria to narrow constraint focus to the more impactful constraints to help decrease simulation run times. The final constraint list posting for approval will identify these constraint adjustments.

After the latest 20YA MEM update posting on November 4, 2022, SPP staff identified a few needed updates to the 20YA MEM while executing the constraint assessment milestone, some of which were impactful to the constraint assessment results. The detailed list of all identified modeling updates will be listed in the "20-Year Assessment Market Economic Models for Approval" transmittal to be sent out early next week. SPP staff has updated the 20YA MEM and re-performed the constraint assessment to ensure the accuracy of the results. All resulting constraints have been applied to the future-specific constraint list. Simulation results with the recommended constraint assessment event file and the final MEM database will include these updates.

SPP staff will post the "Constraint Assessment Recommendation" workbook **early next week**, and a motion for approval of the final list of constraints will be requested from TWG via email.

- **Entities Required to Provide Feedback**

All interested stakeholders

- **Due Date and Method of Submittal**

Stakeholders should submit any feedback prior to the final constraint list posting via the SPP Request Management System (RMS), using the "Submit Information" **Request Template**, "Submission" **Request Type**, "Integrated Transmission Planning (ITP)" **Subtype 1**, and "Data Submission" **Subtype 2**."

- **Changes from Last Pass** – N/A
- **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* → *2022 20-Year Assessment*

File Name	Description
20YA Constraint Assessment Review.xlsx	20YA constraint assessment workbook containing the initial list of constraints

- **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 “Initiate a System Access Action” **Request Template**, “Access” **Request Type**, and “Globalscape File Sharing” **SubType 1** “Add User” **SubType 2** “SPPDocushare / Engineering / TCR Models” **SubType 3**. [GlobalScape](#) frequently asked questions can be found in [Knowledgebase Article 686](#). Other helpful links can be found on [SPP.org](#).