

## 2025 ITP Market Economic Model (MEM) - Pass 2 Update

- **Action Required**

SPP staff posted the updated Pass 2 MEMs for stakeholders' review and for the purpose of approval. SPP staff seeks ESWG's approval of these models for use in the 2025 ITP Constraint Assessment.

The posted runs are constrained with the SPP Book of Flowgates constraints. Please note that the Book of Flowgates includes SPP's 2023 top 10 flowgates (temporary and permanent) and the persistent operational needs according to 2025 ITP study scope, Section 4.

SPP is **not** requesting changes to economic model input data.

- **Entities Required to Provide Feedback**

All interested stakeholders; primarily, ESWG members

- **Due Date and Method of Submittal**

SPP will seek ESWG's approval of these models for use in the 2025 ITP Constraint Assessment after this posting. Please provide any necessary feedback **as soon as possible** but no later than **Wednesday, October 9, 2024** via the [SPP Request Management System \(RMS\)](#), using the "Submit Information" **Request Template**, "Integrated Transmission Planning (ITP)" **Subtype 1**, and "Data Submission" **Subtype 2**.

- **Changes from Last Pass**

- Modeling Updates

- Corrected missing controlling area assignment for MISO RDT branches.
- Corrected missing name for one bus.
- Removed obsolete demand groups Lubbock and NIMECA demand groups from F2 implementation case.
- Revised 2025 ITP portfolio according to September TWG and ESWG meetings and stakeholder feedback:
  - Added System Reconfiguration Madison-SD 115 kV
  - Added Muskogee – Ft Smith 345 kV new line 2<sup>nd</sup> ckt
  - Added Potter – Beckham 345 kV new line
  - Removed Potter – Chisholm 345 kV new line
- Updated SPP resource plan generator ownerships based on 10.3 load updates.

- **Material Disclaimer**

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

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

To obtain access to SPP's current PROMOD version, please email [pb\\_support.pges@hitachi-powergrids.com](mailto:pb_support.pges@hitachi-powergrids.com) and request PROMOD V engine i. SPP ran simulations using PROMOD IV 11.5 software.

For users who have signed an NCD NDA, HITACHI NDA, MISO-SPP Joint NDA, and license Hitachi PROMOD nodal simulation ready software:

These files can be found on [GlobalScape](#) under: *ITP → ITP → NCD (CEII, RSD) → License\_NDA\_JointSPPMISO → 2025 ITP → 2025\_ITP\_MEM\_Pass\_2\_Update.zip*

File Name	Description
2025_ITP_MEM_Detail_Document_Pass_2_Update.docx	Posted Material Overview
2025_ITP_MEM_Scenarios_Pass_2_Update	Published PROMOD Scenarios
2025_ITP_MEM_Run_Files_Pass_2_Update	PROMOD Run Files
2025_ITP_MEM_Database_Extracted_Pass_2_Update	PROMOD Scenarios in Excel
2025_ITP_MEM_Outputs_Pass_2_Update	Output Reports

For users who have signed a NCD NDA, HITACHI NDA, and MISO-SPP Joint NDA:

These files can be found on [GlobalScape](#) under: *ITP → ITP → NCD (CEII, RSD) → HITACHI\_NDA\_JointSPPMISO → 2025 ITP → 2025\_ITP\_MEM\_Pass\_2\_Update.zip*

File Name	Description
2025_ITP_MEM_Detail_Document_Pass_2_Update.docx	Posted Material Overview
2025_ITP_MEM_Database_Extracted_Pass_2_Update	PROMOD Scenarios in Excel
2025_ITP_MEM_Outputs_Pass_2_Update	Output Reports

For users who have signed NCD NDA:

These files can be found on [GlobalScape](#) under: *ITP → ITP → NCD (CEII, RSD) → NDA → 2025 ITP → 2025\_ITP\_MEM\_Input\_Powerflows\_Pass\_2\_Update.zip*

File Name	Description
2025_ITP_MEM_Input_Powerflows_Pass_2_Update	Input Powerflows for MEM

- **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](#).