

2025 ITP Market Economic Model (MEM) - Pass 1

- **Action Required**

SPP staff is requesting feedback on the **application** of following economic model data in the posted scenario:

- 2025 ITP Scope
- 2025 ITP Economic Generation Data Review_20240301.xlsx
- 2025 ITP Economic Load Data Review_20240313.xlsx

SPP is **not** requesting changes to the previously listed economic model input data contained in these spreadsheets and any changes submitted will be received for consideration under Section 10.3 of the ITP Manual.

SPP staff is requesting stakeholders provide feedback on the incorporation of approved data **by Friday, May 24, 2024**. SPP staff will repost the model with any updates and a motion for approval will be requested from the ESWG to use the 2025 ITP MEM in the Benchmarking milestone via email vote.

- **Entities Required to Provide Feedback**

All interested stakeholders; primarily, ESWG members.

- **Due Date and Method of Submittal**

Please provide feedback on the incorporation of the recommended Generation and Load Review adjustments into the Y2 MEM **by May 24, 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**.

- **Notes**

- Included the averaged Henry Hub fuel forecasts from the 2024 ITP Year 2 MEM build. SPP will purchase and use updated vendor information for 2024 once available.
 - S&P Global Commodity Insights (released February 2023)
 - Hitachi (released spring 2023)
- Utilized PROMOD IV GUI with PROMOD V "engine g" for this pass of the MEM build. SPP anticipates upgrading to PROMOD V software GUI during the 2025 ITP MEM build; since SPP is already utilizing a PROMOD V engine, SPP does not anticipate an impact to simulation results due to the upgrade in the future.
- Updated the following tabs in the 2025 ITP Economic Generation Data Review workbook for the 2025 ITP MEM:

- Adjusted bus numbers and names for a few generators in the Economic Generation workbook to match the Initial Final Base Reliability (BR) feedback from members.
- Removed Midway Wind due to the GIA being terminated.
- Please note that as presented in the April 2024 ESWG meeting, new GIA generators that do not meet the ITP manual criteria to be in-service in the BR and do not have any of the following are currently set to “Inactive” status in the PROMOD database:
 - Waiver
 - Resource Addition Request (RAR)
 - Siting Plan selection or ESWG siting exception approval

● **Material Disclaimer**

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

● **File location on GlobalScape**

- In order to obtain access to SPP’s current PROMOD version, please email pb_support.pges@hitachi-powergrids.com and request PROMOD version 11.5.0 (Spp104389 engine).

For users who have signed an NCD NDA, Hitachi NDA, MISO-SPP Joint NDA, and license Hitachi 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_1.zip*

File/Folder Name	Description
2025_ITP_MEM_Detail_Document_Pass_1.docx	Posted Material Overview
2025_ITP_MEM_Scenario_Pass_1	Published PROMOD scenario
2025_ITP_MEM_Run_Files_Pass_1	PROMOD run files
2025_ITP_MEM_Outputs_Pass_1	Output reports
2025_ITP_MEM_Database_Extracted_Pass_1	Excel version of PROMOD scenario

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_1.zip*

File/Folder Name	Description
2025_ITP_MEM_Detail_Document_Pass_1.docx	Posted Material Overview
2025_ITP_MEM_Outputs_Pass_1	Output reports
2025_ITP_MEM_Database_Extracted_Pass_1	Excel version of PROMOD scenario

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_Powerflow_Pass_1.zip*

File/Folder Name	Description
2025_ITP_MEM_Input_Powerflow_Pass_1	Input powerflow 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](#).