

2024 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:

- 2024 ITP Scope
- 2024 ITP Economic Generator Data Review_20230421.xlsx
- 2024 ITP Economic Load Data Review_20230421.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 Wednesday, June 21, 2023**. SPP staff will repost the model with any updates and a motion for approval will be requested from the ESWG to use the 2024 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 June 21, 2023** 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
 - S&P Global Commodity Insights (released February 2023)
 - Hitachi (released spring 2023)
- Updated the following tabs in the 2024 ITP Economic Generation Data Review workbook for the 2024 ITP MEM:
 - Ownership & Accreditation
 - KCPL
 - AEP
 - Must Run
 - Curtailment
 - Other Economic Parameters
 - Minimum Capacity (%)
 - Annual Maintenance (Hours)

- Minimum Run Time (Hours)
 - Effluents
 - Included Effluents (% Removed) data
 - It was not originally supplied in the Hitachi F21 release
- **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 → 2024 ITP → 2024_ITP_MEM_Pass_1.zip*

| File/Folder Name | Description |
|--|----------------------------------|
| 2024_ITP_MEM_Detail_Document_Pass_1.docx | Posted Material Overview |
| 2024_ITP_MEM_Fuel_Prices_Pass_1 | Averaged Fuel Prices |
| 2024_ITP_MEM_Scenario_Pass_1 | Published PROMOD scenario |
| 2024_ITP_MEM_Run_Files_Pass_1 | PROMOD run files |
| 2024_ITP_MEM_Outputs_Pass_1 | Output reports |
| 2024_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 → 2024 ITP → 2024_ITP_MEM_Pass_1.zip*

| File/Folder Name | Description |
|--|----------------------------------|
| 2024_ITP_MEM_Detail_Document_Pass_1.docx | Posted Material Overview |
| 2024_ITP_MEM_Fuel_Prices_Pass_1 | Averaged Fuel Prices |
| 2024_ITP_MEM_Outputs_Pass_1 | Output reports |
| 2024_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 → 2024 ITP → 2024_ITP_MEM_Input_Powerflow_Fuel_Prices_Pass_1.zip*

| File/Folder Name | Description |
|-------------------------------------|-------------------------|
| 2024_ITP_MEM_Input_Powerflow_Pass_1 | Input powerflow for MEM |
| 2024_ITP_MEM_Fuel_Prices_Pass_1 | Averaged Fuel Prices |

- **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](#).