

2023 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:

- 2023 ITP Scope
- 2023 ITP Economic Generator Data Review_20220310.xlsx
- 2023 ITP Economic Load Data Review_20220315.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, June 10, 2022**. SPP staff will repost the model with any updates and a motion for approval will be requested from the ESWG to use the 2023 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 10, 2022** 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**

- Includes the averaged fuel forecast from the 2022 ITP Year 2 MEM build
 - SPP is purchasing the latest ABB and Wood Mackenzie fuel forecasts and will utilize them in this MEM build once available
- Due to the model reduction effort, the years of study are:
 - Year 2 – 2024
 - Year 5 – 2027
 - Year 10 – 2032
- Utilize PROMOD 11.5 engine once available
- Verified DC Tie firm service contracts prior to profile creation and modified some maximum capacities
- Updated six (6) additional maximum capacities and validated them with the impacted entities
- Added effluent percent removed data
 - It was not originally supplied in the ABB F20 release

- Incorporated 10.3 requests up to this point
 - WAPA and SUNC rating updates
- **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 to receive the delivery number “Spp104204”.

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

These files can be found on GlobalScape under: *ITP → ITP → NCD (CEII, RSD) → License_NDA_JointSPPMISO → 2023 ITP → 2023_ITP_MEM_Pass_1.zip*

File/Folder Name	Description
2023_ITP_MEM_Detail_Document_Pass_1.docx	Posted Material Overview
2023_ITP_MEM_Fuel_Prices_Pass_1	Averaged Fuel Prices
2023_ITP_MEM_Scenario_Pass_1	Published PROMOD scenario
2023_ITP_MEM_Run_Files_Pass_1	PROMOD run files
2023_ITP_MEM_Outputs_Pass_1	Output reports
2023_ITP_MEM_Database_Extracted_Pass_1	Excel version of PROMOD scenario

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

These files can be found on GlobalScape under: *ITP → ITP → NCD (CEII, RSD) → ABBNDA_NDA_JointSPPMISO → 2023 ITP → 2023_ITP_MEM_Pass_1.zip*

File/Folder Name	Description
2023_ITP_MEM_Detail_Document_Pass_1.docx	Posted Material Overview
2023_ITP_MEM_Fuel_Prices_Pass_1	Averaged Fuel Prices
2023_ITP_MEM_Outputs_Pass_1	Output reports
2023_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 → 2023 ITP → 2023_ITP_MEM_Input_Powerflow_Fuel_Prices_Pass_1.zip*

File/Folder Name	Description
2023_ITP_MEM_Input_Powerflow_Pass_1	Input powerflow for MEM
2023_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 (Maps, Models, Cases, etc.) / SPPDocushare / Engineering / TCR Map / Models" **SubType1**. [GlobalScape](#) frequently asked questions can be found in [Knowledgebase Article 686](#). Other helpful links can be found on [SPP.org](#).