

2022 ITP Market Economic Model (MEM) - Pass 1 Update

- **Action Required**

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

- 2022 ITP Scope
- 2022 ITP Economic Generator Data Review_20210317.xlsx
- 2022 ITP Economic Load Data Review_20210317.xlsx

SPP is **not** requesting changes to the following 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 Monday, August 30, 2021**. SPP staff will repost with any updates and a motion for approval will be requested from the ESWG to use the 2022 ITP MEM in the Benchmarking milestone via email vote.

Please note that the ESWG and TWG approved the Evergy 10.3 request at the August meetings for accommodation in the 2022 ITP MEM build. In addition, the changes from the last pass came from stakeholders and internal staff feedback.

- **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 Monday, August 30, 2021** via the SPP Request Management System (**RMS**) under the “ITP-Data Submission” Quick Pick.

- **Changes from Last Pass**

- Incorporated Evergy’s 10.3 Request
- Removed MaxCap Profiles from Wind and Solar Units
- Added Plum Creek Monthly Energy Profile
- Adjusted Capacity Factors
- Updated Annual Energy for Hydro Units
- Modified AEP Demand Group and Load Hub
- Categorized Units with a Development Status of “4” as Inactive
- Removed Economic Maximum Capacity Data
- Added Minnkota and Michigan Upper Peninsula Hourly Load Profiles
- Moved to PROMOD 11.4 Engine
 - Included 80-Meter Hub Heights

- **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 → 2022 ITP → 2022_ITP_MEM_Pass_1_Update.zip*

File/Folder Name	Description
2022_ITP_MEM_Detail_Document_Pass_1_Update.docx	Posted Material Overview
2022_ITP_MEM_Scenario_Pass_1_Update	Published PROMOD scenario
2022_ITP_MEM_Run_Files_Pass_1_Update	PROMOD run files
2022_ITP_MEM_Outputs_Pass_1_Update	Output reports
2022_ITP_MEM_Database_Extracted_Pass_1_Update	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 → 2022 ITP → 2022_ITP_MEM_Pass_1_Update.zip*

File/Folder Name	Description
2022_ITP_MEM_Detail_Document_Pass_1_Update.docx	Posted Material Overview
2022_ITP_MEM_Outputs_Pass_1_Update	Output reports
2022_ITP_MEM_Database_Extracted_Pass_1_Update	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 → 2022 ITP → 2022_ITP_ITP_MEM_Input_Powerflow_Fuel_Prices_Pass_1_Update.zip*

File/Folder Name	Description
2022_ITP_MEM_Input_Powerflow_Pass_1_Update	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 “GlobalScape Access Request” Quick Pick. GlobalScape frequently asked questions can be found in [Knowledgebase Article 686](#). Other helpful links can be found on SPP.org.