

## 2023 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:

- 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 Tuesday, June 28, 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 Tuesday, June 28, 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**.

- **Changes from Last Pass**

- Activated one (1) wind farm
- Adjusted forced and maintenance outages
- Deleted record for DC Tie full load losses (MWh)
- Edited operating and spinning reserves
- Included custom tables for required outputs
- Modified a few PROMOD area names for missing generators
- Revised five (5) generators for max capacity, commission dates, curtailment prices, and ownership
- Updated load hubs

SPP will create the Year 2 MISO RDT implementation case for the MEM Benchmarking milestone. We are currently reviewing the wind and solar capacity factors and purchasing the latest ABB and Wood Mackenzie fuel forecasts. We will incorporate these items for the MEM Benchmarking milestone accordingly.

- **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](mailto:pb_support.pges@hitachi-powergrids.com) and request to receive the delivery number “Sp104204”.

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\_Update.zip*

File/Folder Name	Description
2023_ITP_MEM_Detail_Document_Pass_1_Update.docx	Posted Material Overview
2023_ITP_MEM_Scenario_Pass_1_Update	Published PROMOD scenario
2023_ITP_MEM_Run_Files_Pass_1_Update	PROMOD run files
2023_ITP_MEM_Outputs_Pass_1_Update	Output reports
2023_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 → 2023 ITP → 2023\_ITP\_MEM\_Pass\_1\_Update.zip*

File/Folder Name	Description
2023_ITP_MEM_Detail_Document_Pass_1_Update.docx	Posted Material Overview
2023_ITP_MEM_Outputs_Pass_1_Update	Output reports
2023_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 → 2023 ITP → 2023\_ITP\_MEM\_Input\_Powerflow\_Pass\_1\_Update.zip*

File/Folder Name	Description
2023_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 “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.