

2022 ITP Market Economic Model (MEM) Benchmarking - Pass 2

- **Action Required**

SPP requests final review of the 2022 ITP MEM Benchmarking results for approval.

SPP is not requesting changes to the 2022 ITP Year 2 MEM input data. Any submitted changes will be considered under Section 10.3 of the ITP Manual.

Please note that the Year 2 MEM will be utilized as the base model for the 20-Year Assessment models.

- **Entities Required to Provide Feedback:**

All interested stakeholders; primarily, ESWG members

- **Due Date and Method of Submittal**

A motion for approval will be requested from the ESWG via email to begin the voting process on **Monday, January 24, 2022.**

- **Changes from Last Pass**

- Added SPS 10.3 Load Modifications (approved during November 2021 ESWG and TWG meetings)
- Adjusted Demand Group Structure
 - Integrated System Zone
 - Sunflower Zone
- Applied SPP Must-Run Criteria to Units in MISO
- Corrected External Annual Peak and Energy Data
- Included Winter Ratings
- Incorporated Year 2 Book of Flowgates Event File
- Modified MEM Input Powerflow Model
 - Marshall County – Baileyville – Smittyville 115kV Ckt 1
 - Transfer Load from Smittyville to Marshall County
- Revised Henry Hub Fuel Forecast
- Updated Hurdle Rates Settings from “No” to “Yes”

- **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 → MEM Benchmarking Pass 2.zip*

File Name	Description
2022_ITP MEM Benchmark_20220121.xlsx	MEM Pass 2 Benchmarking Data
2022_ITP_MEM_Detail_Document_Pass_1_Update3.docx	Posted Material Overview
2022_ITP_MEM_Scenario_Pass_1_Update3	Published PROMOD Scenario
2022_ITP_MEM_Run_Files_Pass_1_Update3	PROMOD Run Files
2022_ITP_MEM_Outputs_Pass_1_Update3	Output Reports
2022_ITP_MEM_Database_Extracted_Pass_1_Update3	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 → MEM Benchmarking Pass 2.zip*

File/Folder Name	Description
2022_ITP MEM Benchmark_20220121.xlsx	MEM Pass 2 Benchmarking Data
2022_ITP_MEM_Detail_Document_Pass_1_Update3.docx	Posted Material Overview
2022_ITP_MEM_Outputs_Pass_1_Update3	Output Reports
2022_ITP_MEM_Database_Extracted_Pass_1_Update3	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 → MEM Benchmarking Pass 2.zip*

File/Folder Name	Description
2022_ITP MEM Benchmark_20220121.xlsx	MEM Pass 2 Benchmarking Data
2022_ITP_MEM_Input_Powerflow_Pass_1_Update3	Input Powerflow for MEM

For users who have signed a CD NDA:

These files can be found on GlobalScape under: *ITP → ITP → CD (CEII) → NDA → 2022 ITP → MEM Benchmarking Pass 2.zip*

File Name	Description
2022_ITP MEM Benchmark_20220121.xlsx	MEM Pass 2 Benchmarking Data

• **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** 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](#).