

2024 ITP Market Economic Model (MEM) Benchmarking for Approval

- **Action Required**

SPP staff is seeking approval to use the 2024 ITP MEM Benchmarking updates for the 2024 ITP MEM build.

SPP is not requesting changes to the 2024 ITP year 2 MEM input data. Any submitted changes will be considered under Section 10.3 of the ITP Manual.

- **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 **Wednesday, September 6, 2023** to use the MEM Benchmarking updates for the 2024 ITP MEM build.

- **Changes from Last Posting**

- Adjusted area names for branches
- Corrected bus number for Worthington: WT3
- Included 10.3 requests
 - Basin Electric Power Cooperative (BEPC)
 - Included Kummer Ridge – Roundup 345 kV project into 2024 ITP year 2 MEM
 - SPP evaluated and approved as no impact changes
 - Will present at next TWG and ESWG meetings as informational only
 - BEPC, Omaha Public Power District, and Sunflower Electric Power Corporation
 - Approved at August ESWG/TWG meeting for inclusion into the 2024 ITP Assessment
- Modified peak load and annual energy
- Updated must status for Harry Truman

- **Notes**

- SPP plans to incorporate BEPC's other 10.3 request in the upcoming 2024 ITP MEM posting. We included additional benchmarks regarding the Locational Marginal Price and Adjusted Production Cost data for Southwestern Public Service Company and Upper Missouri Zone.

- **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 → MEM_Benchmarking_Final_Pass.zip*

File Name	Description
2024_ITP MEM_Benchmarking_Final_Pass.pptx	MEM Benchmarking Data
2024_ITP_MEM_Benchmarking_Detail_Document_Final_Pass.docx	Posted Material Overview
2024_ITP_MEM_Benchmarking_Scenario_Final_Pass	Published PROMOD Scenario
2024_ITP_MEM_Benchmarking_Run_Files_Final_Pass	PROMOD Run Files
2024_ITP_MEM_Benchmarking_Outputs_Final_Pass	Output Reports
2024_ITP_MEM_Benchmarking_Database_Extracted_Final_Pass	PROMOD Scenario in Excel

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 → MEM_Benchmarking_Final_Pass.zip*

File/Folder Name	Description
2024_ITP MEM_Benchmarking_Final_Pass.pptx	MEM Benchmarking Data
2024_ITP_MEM_Benchmarking_Detail_Document_Final_Pass.docx	Posted Material Overview
2024_ITP_MEM_Benchmarking_Outputs_Final_Pass	Output Reports
2024_ITP_MEM_Benchmarking_Database_Extracted_Final_Pass	PROMOD Scenario in Excel

For users who have signed NCD NDA:

These files can be found on [GlobalScape](#) under: *ITP → ITP → NCD (CEII, RSD) → NDA → 2024 ITP → MEM_Benchmarking_Final_Pass.zip*

File/Folder Name	Description
2024_ITP MEM_Benchmarking_Final_Pass.pptx	MEM Benchmarking Data
2024_ITP_MEM_Benchmarking_Input_Powerflow_Final_Pass	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 → 2024 ITP → MEM_Benchmarking_Final_Pass.zip*

File Name	Description
2024_ITP MEM_Benchmarking_Final_Pass.pptx	MEM 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**, "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](#).