

2025 ITP Market Economic Model (MEM) Benchmarking for Approval

- **Action Required**

SPP staff is seeking approval to use the 2025 ITP MEM Benchmarking updates for the 2025 ITP MEM build.

SPP is not requesting changes to the 2025 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 on **Thursday, August 29, 2024** to use the MEM Benchmarking updates for the 2025 ITP MEM build.

- **Changes from Last Posting**

- Incorporated the following 10.3 requests:
 - OGE load changes approved in July 31 TWG/ESWG
- Fixed renewable annual energy calculation for external units
- Updated operating energy reserve requirement
 - Capacity of largest unit * average scaling factor
- Removed winter ratings for Manitoba Hydro DC lines
- Corrected seven branch ratings to reflect 23ITP portfolio projects

- **Notes**

- 10.3 requests received since the July 31 TWG/ESWG are pending TWG/ESWG review and are not included in the MEM Benchmarking. The 10.3 requests will be evaluated by SPP staff and TWG/ESWG for inclusion in the next pass of the MEM build.

- **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 → 2025 ITP → MEM_Benchmarking_Final_Pass.zip*

File Name	Description
2025_ITP MEM_Benchmarking_Final_Pass.pptx	MEM Benchmarking Data
2025_ITP_MEM_Benchmarking_Detail_Document_Final_Pass.docx	Posted Material Overview
2025_ITP_MEM_Benchmarking_Scenario_Final_Pass	Published PROMOD Scenario
2025_ITP_MEM_Benchmarking_Run_Files_Final_Pass	PROMOD Run Files
2025_ITP_MEM_Benchmarking_Outputs_Final_Pass	Output Reports
2025_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 → 2025 ITP → MEM_Benchmarking_Final_Pass.zip*

File/Folder Name	Description
2025_ITP MEM_Benchmarking_Final_Pass.pptx	MEM Benchmarking Data
2025_ITP_MEM_Benchmarking_Detail_Document_Final_Pass.docx	Posted Material Overview
2025_ITP_MEM_Benchmarking_Outputs_Final_Pass	Output Reports
2025_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 → 2025 ITP → MEM_Benchmarking_Final_Pass.zip*

File/Folder Name	Description
2025_ITP MEM_Benchmarking_Final_Pass.pptx	MEM Benchmarking Data
2025_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 → 2025 ITP → MEM_Benchmarking_Final_Pass.zip*

File Name	Description
2025_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](#).