

2021 ITP Market Economic Models (MEM) For Approval

- **Action Required**

SPP staff requests stakeholders' approval for the following market economic models posted to [GlobalScape](#). This information includes supporting model data and documentation. The posting includes the 2021 ITP MEMs and supporting data for:

- Future 1 year 2, year 5, and year 10
- Future 2 year 5 and year 10

ESWG member approval will be requested at the [March 31-April 1, 2021 ESWG net conference meeting](#). SPP is **not** requesting changes to economic model input data. Any new changes submitted will be considered under Section 10.3 of the ITP Manual.

Note that SPP will solicit an email vote from the TWG on March 30 for the 2021 ITP recommended constraint assessment results also posted today.

- **Entities Required to Provide Feedback**

All interested stakeholders; primarily, ESWG members

- **Due Date and Method of Submittal**

SPP will solicit a vote for approval of the final market economic models at the [ESWG March 31-April 1, 2021 net conference meeting](#). Please review and provide feedback via the SPP Request Management System ([RMS](#)) under the "ITP-Data Submission" Quick Pick.

- **Changes from Last Posting**

- Modeling Updates
 - Updated event file (SPP-recommended final event file)
 - Corrected conventional hydro units previously operated as pumped storage
 - Included MISO's Regional Directional Transfer (RDT) constraint
 - Adjusted siting plan for Bakken to reduce emergency generation in target area
 - Corrected MISO load amounts
- Note: Input powerflow models did not change although they have been posted under another name

- **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 11.2.0 (Spp104058 engine).

For users who have signed an NCD NDA, ABB NDA, MISO-SPP Joint NDA, and license ABB PROMOD nodal simulation ready software:

These files can be found on [GlobalScape](#) under: *ITP* → *ITP* → *NCD (CEII, RSD)* → *License_NDA_JointSPPMISO* → *2021 ITP* → *2021_ITP_MEM_Final_Pass.zip*

File/Folder Name	Description
2021_ITP_MEM_Detail_Document_Final_Pass.docx	Posted Material Overview
2021_ITP_MEM_Scenario_Final_Pass	Published PROMOD scenarios
2021_ITP_MEM_Run_Files_Final_Pass	PROMOD run files
2021_ITP_MEM_Database_Extracted_Final_Pass	Excel version of PROMOD scenarios
2021_ITP_MEM_Outputs_Final_Pass	Output reports

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)* → *ABBNDANDA_JointSPPMISO* → *2021 ITP* → *2021_ITP_MEM_Final_Pass.zip*

File/Folder Name	Description
2021_ITP_MEM_Detail_Document_Final_Pass.docx	Posted Material Overview
2021_ITP_MEM_Database_Extracted_Final_Pass	Excel version of PROMOD scenarios
2021_ITP_MEM_Outputs_Final_Pass	Output reports

For users who have signed NCD NDA:

These files can be found on [GlobalScape](#) under: *ITP* → *ITP* → *NCD (CEII, RSD)* → *NDA* → *2021 ITP* → *2021_ITP_MEM_Input_Powerflow_Final_Pass.zip*

File/Folder Name	Description
2021_ITP_MEM_Input_Powerflow_Final_Pass	Input powerflows 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. Other helpful links can be found on [SPP.org](#).