

2021 ITP Market Economic Model (MEM) Benchmarking – Pass 2 (For Approval)

- **Action Required**

SPP requests stakeholders review the models and output data for the 2021 ITP MEM Benchmarking milestone. SPP staff will be seeking approval during or shortly following the [November 23 ESWG meeting](#). This benchmarking data has been posted to [the ESWG materials page](#). Stakeholders should:

- Read the 2021_ITP_MEM_Benchmark_Detail_Document_Pass_2 document posted on GlobalScape
- Review the 2021 ITP models and/or modeling data posted on GlobalScape
- Review the posted November 23 ESWG 2021 ITP MEM Benchmarking presentation

- **Entities Required to Provide Feedback:**

Any stakeholders, primarily ESWG members

- **Due Date and Method of Submittal**

These results will be discussed at the November 23 ESWG meeting.

- **Changes from Last Pass**

- Model Adjustments
 - Added SPP Book of Flowgates constraints
 - Changed Pool Interchange flag
 - Activated 3 wind farms
 - Mapped fuel for 3 conventional units
 - Adjusted maintenance outage schedule to minimize emergency generation
 - Corrected implementation of resource addition request
 - Included AECI’s operating and spinning reserve requirements
 - Modified Manitoba Hydro unit parameters
- Reporting Adjustments
 - Aggregated SPP Regional and SPP Other in total SPP interchange
 - Revised capacity factor calculation with respect to outages
 - Modified capacity and energy calculations to report physical location (rather than ownership)

- **Material Disclaimer**

CONTAINS CONFIDENTIAL AND PROTECTED MATERIAL NOT AVAILABLE TO COMPETITIVE DUTY PERSONNEL
– DO NOT RELEASE

File location on [GlobalScape](#):

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 → 2021 ITP → MEM Benchmarking*

File Name	Description
2021_ITP_MEM_Benchmarking_Approval.zip	Benchmark data and detail document

For users who have signed a NCD NDA, ABB NDA, and MISO-SPP Joint NDA:

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- 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.