

2022 ITP Market Economic Model (MEM) Benchmarking - Pass 1

- **Action Required**

SPP requests stakeholders review data for the 2022 ITP MEM Benchmarking milestone. The data provided is based on the 2022 ITP MEM – Pass 1, posted on August 31, 2021 with the following updates:

- Adjusted Capacity Factors
- Updated Annual Energy Data

Stakeholders should review and provide feedback on data items included in the 2022 ITP MEM Benchmarking Pass 1 workbook. Specifically, assess the model behavior compared to the provided operational, Energy Information Administration (EIA), and 2021 ITP Year 2 MEM data. Please note that the 2021 ITP Year 2 MEM results were yielded from a constrained model (Book of Flowgates: approved by ESWG on November 23, 2020). The 2022 ITP MEM results in the provided workbook are based on unconstrained simulations.

SPP reviewed the 2022 ITP MEM Benchmarking results and noticed the following items that will need further review:

- Capacity Factors and Energy Cost by Unit Type
- Interchange
- Locational Marginal Pricing
- Adjusted Production Cost
 - Integrated System (IS)
 - Other SPP
- Operating Reserves
 - July

Information for additional benchmarks will be included in Pass 2.

- **Entities Required to Provide Feedback:**

All interested stakeholders; primarily, ESWG and MDWG members.

- **Due Date and Method of Submittal**

Please provide feedback **by 5 PM Thursday, September 23, 2021**, via the SPP Request Management System (**RMS**) under the “ITP-Data Submission” quick pick.

- **Changes from Last Pass**

N/A

- **Material Disclaimer**

Contains Critical Energy Infrastructure Information (CEII)

- **File location on [GlobalScape](#):**

For users who have signed an NCD NDA:

These files can be found on [GlobalScape](#) under: *ITP → ITP → NCD (CEII, RSD) → NDA → 2022 ITP → 2022_ITP_MEM_Benchmarking_Pass_1.zip*

File Name	Description
2022 ITP MEM Benchmark Pass 1_20210916.xlsx	MEM Pass 1 Benchmarking Data

For users who have signed a CD NDA:

These files can be found on [GlobalScape](#) under: *ITP → ITP → CD (CEII) → NDA → 2022 ITP → 2022_ITP_MEM_Benchmarking_Pass_1.zip*

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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. [GlobalScape](#) frequently asked questions can be found in [Knowledgebase Article 686](#). Other helpful links can be found on [SPP.org](#).