



2017 ITP 10-Year Assessment (ITP10) Economic Model *Final*

The *Final* 2017 ITP10 economic models have been posted to Trueshare. The economic models posted are representative of all three (3) Futures in 2020 and 2025. Event files (EVE) reflective of the constraints being reviewed by the TWG are posted along with the models. SPP Staff is utilizing PROMOD IV 11.1.7 for the 2017 ITP10.

Staff will be seeking final approval of these models at the March 17th ESWG meeting.

Special Notice Regarding New Requirement for Model Access

Stakeholders will be required to complete and sign a joint [Critical Energy Infrastructure Information \(CEII\) form](#) previously developed between SPP and MISO. This is required as the current models include MISO CEII data in addition to SPP’s data. The MISO data was used to model regions external to SPP. For stakeholders that have already completed the joint CEII form due to participation in past studies, they should already have access. To obtain access to the applicable TrueShare folder identified below, please sign and return the form via the [SPP Request Management System \(RMS\)](#) using the “Request TrueShare Access” Quick Pick (**Note:** This required form for this request is in addition to the default confidentiality agreement linked in RMS.). This required form is located on the [SPP website](#)¹ and does not supplant the requirement to also complete the SPP confidentiality agreement if you have not already done so, as described below.

The updates since the Pass 4 economic models are:

- Miscellaneous corrections from Benchmarking and Constraint Assessment analyses:
 - External Transaction corrections
 - Load profile correction
 - Operating Reserve requirement correction
 - Adjustment to GRE DC tie limits
 - Adjustment to Boundary Dam phase shifter modeling
- Carbon taxes refined in Futures 1 and 2 2025 models based on changes above
- Addition of 2020 carbon taxes in Futures 1 and 2 2020 models
- Reporting options

These files can be found on TrueShare under:

Trueshare >> Integrated Transmission Planning--Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release >> 2017 ITP10 >> Joint NDA – 2017 ITP10 Models

Files posted on TrueShare:

For users who license ABB nodal simulation ready software:

Folder or File Name	Description
ITP11720F1MAR07BAAV	2020 Future 1 PROMOD Pass 3 Database (Staging Year)
ITP11725F1MAR07BAAW	2025 Future 1 PROMOD Pass 3 Database (Study Year)
ITP11720F2MAR07BAAX	2020 Future 2 PROMOD Pass 3 Database (Staging Year)
ITP11725F2MAR07BAAY	2025 Future 2 PROMOD Pass 3 Database (Study Year)
ITP11720F3MAR07BAAZ	2020 Future 3 PROMOD Pass 3 Database (Staging Year)
ITP11725F3MAR07BABA	2025 Future 3 PROMOD Pass 3 Database (Study Year)

¹ http://www.spp.org/documents/22878/miso-spp_joint_ceii_nda.pdf



2017ITP10 F1 2020 Forced Outages.LIB	Forced Outage File for 2020 Future 1 Model
2017ITP10 F1 2025 Forced Outages.LIB	Forced Outage File for 2025 Future 1 Model
2017ITP10 F2 2020 Forced Outages.LIB	Forced Outage File for 2020 Future 2 Model
2017ITP10 F2 2025 Forced Outages.LIB	Forced Outage File for 2025 Future 2 Model
2017ITP10 F3 2020 Forced Outages.LIB	Forced Outage File for 2020 Future 3 Model
2017ITP10 F3 2025 Forced Outages.LIB	Forced Outage File for 2025 Future 3 Model
2017ITP10_2020_F1_F3_MASTER_EVE_20160310.EVE	Preliminary Event File for 2020 Future 1 and 3 Model
2017ITP10_2020_F2_MASTER_EVE_20160310.EVE	Preliminary Event File for 2020 Future 2 Model
2017ITP10_2025_MASTER_EVE_20160310.EVE	Preliminary Event File for 2025 Future 1, 2, and 3 Model

These files can be found on TrueShare under:

Trueshare >> Integrated Transmission Planning--Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release >> 2017 ITP10 >> Joint NDA – 2017 ITP10 Modeling Data

For users who have signed an ABB NDA:

File Name	Description
2017 ITP10 F1 Economic Model Inputs_Final.xlsx	Spreadsheet containing 2020 and 2025 PROMOD Database inputs for Future 1
2017 ITP10 F2 Economic Model Inputs_Final.xlsx	Spreadsheet containing 2020 and 2025 PROMOD Database inputs for Future 2
2017 ITP10 F3 Economic Model Inputs_Final.xlsx	Spreadsheet containing 2020 and 2025 PROMOD Database inputs for Future 3

Information for obtaining the 2017 ITP10 models

In order to obtain access to these documents in TrueShare, stakeholders must provide SPP with a signed [confidentiality agreement](#). Instructions can be obtained by clicking on the link. Please submit these forms via RMS through the “Request TrueShare Access” Quick Pick. After the executed confidentiality agreement is received, an account will be created for the requester on TrueShare. An email with instructions for logging on will be sent to requester. For those that already have a TrueShare account, no additional action is necessary.

As a reminder, instructions for accessing the model information can be found on the SPP website [here](#).

Helpful Links

- [Transmission Owner Selection Process \(formerly Order 1000\) home page](#)
 - [Order 1000 Documents](#)
 - [Detailed Project Proposal \(DPP\) page](#)
- [SPP Transmission Planning Page](#)
 - All notice postings previously on the SPP.org home page are now on this page
 - ITP Postings (formerly in Order 1000 Documents folder) [here](#)
 - 2016 ITPNT updated schedule dates are included [here](#)
 - 2017 ITP10 schedule dates are [here](#)
- SPP Request Management System ([SPP RMS](#)) is the preferred method for inquiries and data submissions. Click on this link and then “Register Now” if you are not already registered.
 - Quick Picks to use in RMS:
 - “ITP-DPP Submittal” Quick Pick for DPP submissions



- **“Request TrueShare Access”** Quick Pick for access to TrueShare for models
- **“ITP – Modeling”** Quick Pick for input regarding modeling
- **“ITP – Project Inquiry”** Quick Pick for questions/comments regarding projects
- [SPP RMS](#) is the preferred method for receiving all inquiries and solution submittals.