

2015 ITP10 Updated Preliminary Model Information

The updated study data has been posted with the following changes since the March 13th posting:

1. Added NTC project in OGE (PID 30581).
2. Added additional generator topology for Spearville and Ironwood 2 wind. Remapped buses in PROMOD (were previously assigned to existing Spearville and Ironwood farms).
3. Remapped 'Smoky Hills WF ALL' in PowerBase to distribute generation across both AC machines for AC analysis.
4. Corrected winter line ratings to account for upgrades added to base power flow model.
5. Added generator outlet facility upgrades.
6. Updated solar unit O&M, curtailment price, and minimum capacity for consistency.
7. Updated select wind farm short names.
8. Removed legacy generator hubs used for APC calculation in previous studies.

Cutoff date for model feedback has passed; the model information being provided to stakeholders is solely for verification purposes. Please let us know if the information you previously provided is missing.

Files posted on TrueShare:

Power flow Modeling Data:

2015 ITP10_F1_F2_Output_Powerflow_Models.zip	Four translated PROMOD-dispatched power flow models (F1SP, F1L, F2SP, F2L)
2015 ITP10 Generation Outlet Facilities.xlsx	Outlet Facilities Added for New Generation

For users who license Ventyx nodal simulation ready software:

2015 ITP10 F1 2024 20140424_PowerBase.zip	Future 1 economic model (PROMOD)
2015 ITP10 F1 2024_140424_PAT Files.zip	Future 1 output files for use with PAT software
2015 ITP10 F1 2024_140424_RA Files.zip	Future 1 output files for use with Report Agent
2015 ITP10 F1 2024_140424_Additional.zip	Future 1 .err, .rep, .lib, .eve
2015 ITP10 F2 2024 20140424_PowerBase.zip	Future 2 economic model (PROMOD)
2015 ITP10 F2 2024_140424_PAT Files.zip	Future 2 output files for use with PAT software
2015 ITP10 F2 2024_140424_RA Files.zip	Future 2 output files for use with Report Agent
2015 ITP10 F2 2024_140424_Additional.zip	Future 2 .err, .rep, .lib, .eve

For users who have signed a Ventyx NDA:

20140424 2015 ITP10 2024 F1 Economic Modeling Data.xlsx	Future 1 economic model (Excel)
20140424 2015 ITP10 2024 F2 Economic Modeling Data.xlsx	Future 2 economic model (Excel)



Instructions for accessing the model information can be found on the SPP website on the Order 1000 page: <http://www.spp.org/section.asp?group=3143&pageID=27>

All data can be found on TrueShare under “Integrated Transmission Planning – Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release -> 2015 ITP10 ->” in the “2015 ITP10 Models”, “2015 ITP10 Models Conf.”, and “2015 ITP10 Powerflow Models” folders.

Updated Information on the 2015 ITP10 Schedule

The 2015 ITP10 project schedule is being re-evaluated and adjusted due to extra assessment time needed to evaluate the generator outlet facilities.

An updated project schedule will be posted no later than Wednesday 4/30/2014 of this week.

Upcoming 2015 ITP10 Dates:

- **April 29-May 1:** TWG Review of Constraint Assessment
- **May 2-6:** TWG Vote on additional constraints and power flow model