

2016 ITP Near-Term (“ITPNT”) Preliminary Model Information - Pass 1

The pass 1 power flow models and supplemental data for the 2016 ITPNT analysis have been posted to TrueShare. **Please provide feedback by Friday, April 10th through the RMS system.**

There are two (2) separate model sets this year. The first set uses the block dispatch, which is the same dispatch program used in last year’s models. During the stakeholder process this year, SPP staff was requested by MDWG to provide the block dispatch model set, as well as another model set utilizing PSS®E activity ECDI. The ECDI dispatch uses a new program to create the ITPNT models.

The following models will be used for the 2016 ITPNT study:

- 2017 Summer and Winter Peak models (Scenarios 0 and 5)
- 2020 Light Load models (Scenarios 0 and 5)
- 2020 Summer and Winter Peak models (Scenarios 0 and 5)

Information for obtaining the 2016 ITPNT 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 by email to questions@spp.org. 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.

These files can be found on TrueShare under “Integrated Transmission Planning – Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release → 2016 ITPNT” in the “[2016 ITPNT Powerflow Models Pass 1](#)” folder.

FILE Information

Block Order Dispatch files:

File Name	Description
2016 ITPNT P1 Blk Sav.zip	Models in .SAV file format
2016 ITPNT P1 Blk Raw.zip	Models in .RAW file format
2016 ITPNT P1 Blk Tran.xlsx	Transactions included in models
2016 ITPNT P1 Blk Docu.xlsx	SPP DocuCode
2016 ITPNT P1 Blk ACCC.xlsx	ACCC Results

ECDI Dispatch files:

File Name	Description
2016 ITPNT P1 ECDI Sav Cases.zip	Models in .SAV file format
2016 ITPNT P1 ECDI Raw Cases.zip	Models in .RAW file format
2016 ITPNT P1 ECDI Trans.xlsx	Transactions included in models
2016 ITPNT P1 ECDI DocuCode.xlsx	SPP DocuCode
2016 ITPNT P1 ECDI ACCC.xlsx	ACCC Results

As a reminder, instructions for accessing the model information can be found on the SPP website on the Order 1000 page: <http://www.spp.org/publications/Map%20and%20Model%20Request%20Instructions%203-21-2014.pdf>

Brief Description of Scenario Models:

Scenario 0 is modeled to be as similar as possible to the Model Development Working Group (“MDWG”) models, but with unconfirmed transactions removed and generation without service agreements removed. The topology of the models is built from Models on Demand (“MOD”) according to the approved MOD Project matrix. SPP areas and several embedded Load Serving Entities (“LSE”) were dispatched using generation included in the Designated Network Resource (“DNR”) file along with member feedback.

Scenario 5 has the same topology as scenario 0, but with all wind reservations set to maximum capacity. All confirmed transmission service between two separate areas or LSEs are set to maximum capacity of the reservation, as well. In seasons where there is not enough load to max out all transactions, the transactions are decreased on a prorated basis.

Helpful Links

- [Order 1000 Home Page](#)
 - [Order 1000 Documents](#)
- [SPP Transmission Planning Page](#)
- All model comments submitted through [SPP RMS](#). Click on this link and then “Register Now” if you are not already registered. Use the “**ITP - Modeling**” Quick Pick.
- [SPP RMS](#) is also the preferred method for receiving all solution submittals.