



## 2017 ITP 10-Year Assessment (ITP10) Draft Powerflow Models

The preliminary 2017 ITP10 powerflow models have been posted for stakeholder review. These models have incorporated coincident peak loads using PROMOD for SPP and First-Tier regions. The dispatch for each reliability hour for Futures 1, 2 and 3 have been incorporated into the 2017 ITP10 Futures 1, 2 and 3 models, respectively.

Please provide feedback by **Thursday, April 7<sup>th</sup>** through the [SPP Request Management system \(RMS\)](#).

SPP is looking for feedback on the reactive resources and reactive device settings for these models as topology, new resources and constraints have previously been approved. Any feedback SPP receives will be considered in development of a final powerflow model for approval by the Transmission Working Group (TWG). SPP staff will request approval from the TWG prior to beginning the 2017 ITP10 Needs Assessment by an email vote once feedback received is implemented. This set of models will not be used for the 2017 ITP10 needs assessment.

The powerflow models that will be utilized for the 2017 ITP10 are as follows:

Model	Data Utilized in 2017 ITP10 (Separate model set for each future)
Future 1 2025 Summer Peak	2025 Topology with Future 1 Resource Plan, Dispatched using PROMOD Summer Ratings
Future 1 2025 Off-Peak	2025 Topology with Future 1 Resource Plan, Dispatched using PROMOD Winter Ratings
Future 2 2025 Summer Peak	2025 Topology with Future 2 Resource Plan, Dispatched using PROMOD Summer Ratings
Future 2 2025 Off-Peak	2025 Topology with Future 2 Resource Plan, Dispatched using PROMOD Winter Ratings
Future 3 2025 Summer Peak	2025 Topology with Future 3 Resource Plan, Dispatched using PROMOD Summer Ratings
Future 3 2025 Off-Peak	2025 Topology with Future 2 Resource Plan, Dispatched using PROMOD Winter Ratings

### 2017 ITP10 models are posted on TrueShare under:

*Integrated Transmission Planning – Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release -> 2017 ITP10 -> 2017 ITP10 Powerflow Models -> 20160331\_2017ITP10\_Powerflow\_Models.zip*

### 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](#)
- 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: **\*\* Effective: 4-1-16 \*\***
    - Choose Request Type “**ITP Submittals**”
      - Choose one of the following from the **Subtype 1** field:
        - **Project Inquiry**
        - **Modeling Inquiry**
        - **DPP Submittal**
      - “**Request TrueShare Access**” Quick Pick for access to TrueShare for models
- [SPP RMS](#) is the preferred method for receiving all inquiries and solution submittals.