



## 2017 ITP 10-Year Assessment (ITP10) Pass 4 and Regional Cost Allocation Review II (RCAR II) Powerflow Models

The 2017 ITP10 Pass 4 and RCAR II powerflow models have been posted. These models include updates based on stakeholder feedback. **Staff will be seeking an email vote for approval of these models during the week of January 25, 2016.**

The model updates since the [January 21, 2016 posting](#) of these models are:

- Removed South Shreveport - Wallace Lake 138 kV rebuild upgrade, since MOPC voted to withdraw NTC in January 2016
- Removed Mineola - Grand Saline 69 kV rebuild upgrade, since MOPC voted to withdraw NTC in January 2016
- Updated load near Port Robson to 100 MW @ 0.95 pf in 2025 & 2035 models, based on feedback from AEPW in the summer of 2015 that mistakenly did not get incorporated previously.
- Updated rating of RAR GOF for Antelope - County Line - Battle Creek 115 kV to 193/193, based on feedback from NPPD that is consistent with final interconnection facility plans
- Removed (rather than derating) Sheldon – Folsom & Pleasant Hill 115 kV line from RCAR base cases, based on feedback from LES regarding previous operation of the line

Please see the notes posted with each model set. This set of models will not be used for the 2017 ITP10 needs assessment, as their primary purpose is to serve as topology input for the PROMOD models.

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)
2020 Summer	2020 Topology, Summer Ratings
2020 Winter	Winter Ratings
2025 Summer	2025 Topology, Summer Ratings
2025 Winter	Winter Ratings

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

Model	Data Utilized in RCAR II
2020 Base	2020 Topology, Summer Ratings
2020 Change	2020 Topology, Summer Ratings
2025 Base	2025 Topology, Summer Ratings
2025 Change	2025 Topology, Summer Ratings
2035 Base	2035 Topology, Summer Ratings
2035 Change	2035 Topology, Summer 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 -> 20160125\_2017ITP10\_Powerflow\_Models.zip*

**RCAR II models are posted on TrueShare under:**

*RCAR II – Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release -> RCAR II Powerflow Models -> 20160125\_RCARII\_Powerflow\_Models.zip*

**Information for obtaining the 2017 ITP10 and RCAR II 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.