



2017 ITP 10-Year Assessment (ITP10) Pass 3 and Regional Cost Allocation Review II (RCAR II) Powerflow Models

The 2017 ITP10 Pass 3 and RCAR II powerflow models have been posted. These models include updates for incorporation of the Generator Outlet Facilities (GOFs) that were approved at the 1/20/16 TWG. **Staff will be seeking an email vote for approval of these models in the next few business days via a separate email.**

The GOF model updates since the [January 15, 2016 posting](#) of these models are:

- Sidewinder – Roadrunner 345 kV line has been replaced with Andrews – Roadrunner 345 kV line
- Updated line parameters for these GOFs:
 - LP Holly - Jones – Lubbock South – Wolfforth 230 kV terminal equipment
 - LP Milwaukee - LP Southeast - LP Holly – LP Wadsworth 230 kV new line
 - Existing Lubbock 69 kV facilities
- Upgraded terminal limits on Hobbs – Sidewinder – Andrews 345 kV GOF (2035 only)
- Added rebuild of National Enrichment Plant – Drinkard 115 kV (2035 only)
- Updated ratings for Deaf Smith 230/115 kV transformer GOF
- Created new 345 kV bus (Tuco 2) as a tap of the Tuco – Woodward 345 kV line; moved new generation from Tuco 1 345 kV to Tuco 2 345 kV

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 → 20160120_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 → 20160120_RCARII_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](#)
 - 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.