

2015 ITP Near-Term Updated Preliminary Model Information

The pass 2 power flow models and supplemental data for the 2015 ITP Near-Term analysis have been posted to TrueShare. **Please provide feedback by Friday, May 9th through the RMS system.**

Power flow Modeling Data:

FILE	DESCRIPTION
2015ITPPASS2-14SP0.sav	2014 Summer Peak Scenario "0"
2015ITPPASS2-14SP5.sav	2014 Summer Peak Scenario "5"
2015ITPPASS2-14WP0.sav	2014 Winter Peak Scenario "0"
2015ITPPASS2-14WP5.sav	2014 Winter Peak Scenario "5"
2015ITPPASS2-15G0.sav	2015 Spring Scenario "0"
2015ITPPASS2-15G5.sav	2015 Spring Scenario "5"
2015ITPPASS2-15L0.sav	2015 Light Load Scenario "0"
2015ITPPASS2-15L5.sav	2015 Light Load Scenario "5"
2015ITPPASS2-15SP0.sav	2015 Summer Peak Scenario "0"
2015ITPPASS2-15SP5.sav	2015 Summer Peak Scenario "5"
2015ITPPASS2-15WP0.sav	2015 Winter Peak Scenario "0"
2015ITPPASS2-15WP5.sav	2015 Winter Peak Scenario "5"
2015ITPPASS2-16SP0.sav	2016 Summer Peak Scenario "0"
2015ITPPASS2-16SP5.sav	2016 Summer Peak Scenario "5"
2015ITPPASS2-16WP0.sav	2016 Winter Peak Scenario "0"
2015ITPPASS2-16WP5.sav	2016 Winter Peak Scenario "5"
2015ITPPASS2-20L0.sav	2020 Light Load Scenario "0"
2015ITPPASS2-20L5.sav	2020 Light Load Scenario "5"
2015ITPPASS2-20SP0.sav	2020 Summer Peak Scenario "0"
2015ITPPASS2-20SP5.sav	2020 Summer Peak Scenario "5"
2015ITPPASS2-20WP0.sav	2020 Winter Peak Scenario "0"
2015ITPPASS2-20WP5.sav	2020 Winter Peak Scenario "5"
2015ITPPASS2-25SP0.sav	2025 Summer Peak Scenario "0"
2015ITPPASS2-25SP5.sav	2025 Summer Peak Scenario "5"
2015ITPPASS2-25WP0.sav	2025 Winter Peak Scenario "0"
2015ITPPASS2-25WP5.sav	2025 Winter Peak Scenario "5"

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

The models and supporting documents can be found on the TrueShare under "Integrated Transmission Planning—Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release -> 2015 ITPNT -> 2015 ITPNT Powerflow Models Pass 2."



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. All the SPP areas and several embedded Load Serving Entities (LSE) were dispatched using generation included in the Designated Network Resource (DNR) along with member feedback. First tier areas were dispatched by interpolating from the Multiregional Model Working Group (MMWG) models.

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, but wind transactions are never decreased.