



## 2015 ITP10 Preliminary Model Information

The *preliminary* powerflow models and supplemental data for the 2015 ITP10 reliability analysis have been posted to TrueShare. These are the 2024 peak and off-peak hours for Future 1 and Future 2 with the PROMOD simulation load and dispatch for SPP and neighboring regions. The constraint list that was used for the simulation was the Pass 3 list posted on 3/9; the final constraint list has *not* been approved by TWG. Both peak and off-peak are based on the 2024 summer peak topology; the off-peak model device control settings have been updated with data from the 2014ITPNT 2019 light load model for SPP only. Since the load, generation and interchange is balanced at the pool level, the models are solved with interchange disabled.

Files included in the posting:

FILE	DESCRIPTION
2015ITP10-2024L_F1_TRANSLATED_PROMOD_DISPATCH.SAV	Future 1 PSSE model, April 6 @ 4am
2015ITP10-2024L_F2_TRANSLATED_PROMOD_DISPATCH.SAV	Future 2 PSSE model, April 6 @ 4am
2015ITP10-2024SP_F1_TRANSLATED_PROMOD_DISPATCH.SAV	Future 1 PSSE model, July 19 @ 5pm
2015ITP10-2024SP_F2_TRANSLATED_PROMOD_DISPATCH.SAV	Future 2 PSSE model, July 19 @ 5pm
2015ITP10-2024L_F1_TRANSLATED_PROMOD_DISPATCH.raw	Future 1 raw data model, April 6 @ 4am
2015ITP10-2024L_F2_TRANSLATED_PROMOD_DISPATCH.raw	Future 2 raw data model, April 6 @ 4am
2015ITP10-2024SP_F1_TRANSLATED_PROMOD_DISPATCH.raw	Future 1 raw data model, July 19 @ 5pm
2015ITP10-2024SP_F2_TRANSLATED_PROMOD_DISPATCH.raw	Future 2 raw data model, July 19 @ 5pm
Master ACCC Issue List.xlsx	ACCC data with Overloads, Voltages, Non-Converged, PSSE contingency data

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>

All data can be found in the '2015\_ITP10\_Draft AC\_model\_with\_ACCC\_posting\_3-20-2014.zip' on TrueShare under "Integrated Transmission Planning—Confidential and Protected Material and or Critical Energy Infrastructure Information-Do Not Release → 2015 ITP10 → 2015 ITP10 Models".

Please begin reviewing these models. Once the final constraint list is approved by TWG, staff will re-run PROMOD and the DC-AC conversion process and post updated models for official review.

MODEL POSTING DATES	
Preliminary 2015 ITP10 Models	March 21, 2014 <sup>*+</sup>
Preliminary 2015 ITPNT Models	April 17, 2014 <sup>*+</sup>
Final 2015 ITP10 Models	April 17, 2014 <sup>+</sup>
Final 2015 ITPTNT Models	May 17, 2014 <sup>+</sup>
<p>* These models are preliminary only and are not considered to be final. Preliminary models are used to solicit stakeholder feedback on the information contained in the models. SPP will finalize the models once vetted through the appropriate stakeholder working groups. SPP will send a notice when the final models are posted.</p> <p><sup>+</sup> Dates are subject to change.</p>	