



Eastern Interconnection Planning Collaborative



## TOTF Webinar Summary

Thursday, May 31, 2012, 10 a.m. ET

[Webinar Recording](#) is available

**Objectives:** Review progress on scenarios 1 & 3 transmission build outs

### TOTF Members Attending:

**Generation Owners:** Michael Goggin

**NGOs:** Wil Burns

**Public Power/TDUs:** Dustin Betz

**End Users:** Erin Hogan

**States:** John Stovall, Michael Wegner, Hisham Choueiki, Bob Pauley, Stuart Hansen, Diane Barney,

**Transmission Owners:** Evan Wilcox

**Canada:** Rob Sinclair

**Other Suppliers:**

**EIPC Members:** David Whiteley (Exec. Dir.), Dan Fredrickson (TOTF co-chair), Jerrod Moll, Stan Doe, Kerry Marinan, Zach Smith, Chuck Liebold, David Duebner, John Buechler

#### 1. **Update on Scenario 1 (Combined National Climate & Energy Policy) Transmission Build out** (Jerrod Moll, Southern Company)

- Completed Pass 4 which includes 6 HVDC lines, physically modeled
- After the last TOTF meeting, PAs reviewed the results of block 13 which has an additional 2000 MW of transfers compared to Block 1, and by removing each of the HVDC lines separately found more constraints compared to Block 1.
- PAs also tested the system for N-1 contingency after removal of one HVDC line which indicated depressed voltage levels across the MISO region.
- Concluded that all 6 HVDC lines are needed to maintain reliability in Scenario 1.
- Pass 5 also complete, with all HVDC lines included and elimination of all remaining overloads

#### 2. **Update on Scenario 3 (Business As Usual) & Scenario 2 (RPS Implemented Regionally) Transmission Build out** (Jerrod Moll)

- Scenario 3, Pass 3 has been completed. PAs checked some of the original transmission fixes and replaced them with less extensive transmission infrastructure and also fixed the remaining constraints.
- Scenario 1, Pass 5 and Scenario 3, Pass 3 represent the final transmission build outs and will be subject to Task 8 reliability analyses. Three tests will be conducted: a) generator outage (500MW or greater at 230 kV and higher); b) loss of multiple lines sharing a common tower or structure; and c) loss of a bus and facilities connected greater than 300kV. See Tests outlined in [“Reliability tests used in Tasks 7 & 8.”](#)
- As clarification, Jerrod explained that the contingency analysis for the scenarios removed lines 200 kV and above. If the voltage of a transformer is 200kV or above, it was removed as well.
- In response to a question, Jerrod clarified that Test 4 (loss of multiple transmission lines) represents NERC Category C-5 (2 lines on a common tower or the entire tower) and not D-6 (loss of a tower line with 3 or more circuits).

- PAs are developing the contingency information for Task 8 and will start to conduct analyses next week.
- Scenario 2, Block 13 has been constructed; Block 1 will be completed later today. Scenario 2, Pass 1 will be posted after review by PAs.

3. **Schedule Update – [Version 6 of Detailed Schedule](#)** (Dave Whiteley)

- Schedule has been updated to show recent completed tasks and scheduled TOTF, MWG and SSC webinars.
- Scenario 2 projected dates for various passes have been included.
- Remain on track on overall schedule
- Phase II report outline will be available for June 15<sup>th</sup> SSC webinar.
- Production cost workplan will be reviewed by MWG on June 5<sup>th</sup> and MWG will begin the work of developing recommendations for the inputs required.

**Other Webinar Attendees**

Toby	Hu
Doug	Gotham
Emily	Fisher
Tyler	Ruthven
Garrett	Bissell
Jim	Busbin
Keith	Daniel
Diana	McNally-Barsotti
Samir	Succar
Jonathan	Forward
Terry	Black
Barry	Huddleston