

CATS-EHV

Agenda and Meeting Notes

Date: January 6, 2009
Time: 9am-2pm, joint meeting with CATS HV
Location: ED3's office: 41630 W. Louis Johnson Drive, Maricopa 85239

1. Introductions
2. CATS EHV Chairmanship
Jose Silva has taken a new job at SRP. Chairmanship has transferred to LeeAnn Torkelson who will over the next year transition the chairmanship to Maria Ramirez.
3. Discuss SWAT Steering Committee 12/8/08 Recommendations
The Steering Committee recommends using the coordinated WestConnect 2018 case and scaling load to reflect 2019 for this year's studies. The SWAT meeting in Vegas on 1/13/09 should have all the subcommittees bring an approved study plan for approval.
4. 2009 CATS-EHV Subcommittee Projects
Participants discussed the amount of study work outlined in the "mega-project" injection study. Due to conflicts with staffing and the time necessary to complete the statutory and ACC required Biennial Transmission Assessment (BTA) work, the Arizona Renewables workshop and report, and normal internal planning studies the participants agreed to delay the "mega-project" injection study to 2010.
5. Study work requirements for BTA
APS and SRP will perform the BTA work in 2009 which includes RMR and Extreme Contingency for APS and the 10 year snapshot study for SRP (including N-0, n-1, and N-1-1). SRP will contact the ACC staff to see if the N-1-1 contingencies which have not converged in prior studies need to continue to be studied. The N-1-1 studies will continue to be a selected N-1-1 analysis not every possible combination of EHV transmission outages.

The preliminary schedule for the study work is:

- January – determine 2018 to 2019 load changes
- Early February - CATS HV to distribute case for review/updates
- Mid February – confirm 2019 case has all ten year plan facilities modeled
- Feb/March – N-0, N-1 runs, CATS EHV meeting to discuss results
- April – N-1-1 runs

6. 2019 base case development
APS and SRP added Phoenix detail and loads to reflect 2019 to the CATS HV 2018 case (which was the Westconnect 2018 case with the CATS HV detail added) for internal planning studies. This case will be sent out for review/changes in early February.

WestConnect recommended that bulk changes be separated from detail changes so that when WestConnect requests changes for the 2019 case we can easily send bulk changes.

7. Arizona Renewable Task Force Update

Peter Krzykos (APS) is hosting a meeting on Thursday January 8th. More information to follow at future meetings. There is a requirement to have a workshop prior to April 2009 and a report by October 31, 2009.

8. TTC Studies Discussion

A brief discussion of TTC studies indicated that the utilities have some interest in seeing methodology used by others and performing studies in a consistent fashion. SRP will provide a brief presentation at the next CATS EHV meeting highlighting their process. Participants discussed that CATS EHV may not be the correct forum for a TTC “consistent methodology” discussion as many transmission lines are joint projects that reach into neighboring states. The CATS EHV group will not approve the TTC values, but should be a forum to provide peer review without having to create another subcommittee.

9. Next Meeting

The next meeting is scheduled to be a joint CATS HV/EHV meeting at ED3 on March 3rd

EHV Topics identified for discussion:

- Preliminary case building and/or initial power flow runs on 2019 case
- BTA filings – highlight ten year plan projects
- TTC methodology
- Project Updates
 - SunZia
 - Solana
 - TS5-TS9
 - Abel/Pinal Central
- AZ Renewable Task Force Update

10. Open Discussion/Comments

- WECC TEPPC is hosting a long range transmission planning seminar in Phoenix on February 2-3. Topics include technology (765kV, 1000kV, undergrounding), building new transmission versus upgrading, phase shifting transformers, and series compensation among other topics. Format will be presentation followed by question/answer and discussion with participants. Agenda will be distributed when available.
- Automating pslf case building. Jeff Loehr is looking for any interest planners may have in creating a database to automate pslf case building. If anyone knows of an existing method that would make case building/checking easier or has an interest in developing a database or program to have a “one source” location for transmission data please contact Jeff (jeff.loehr@srpnet.com).



CATS-HV Study Group
Meeting
January 06, 2009

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