



SWAT Status Report

CATS-EHV Subcommittee

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May 10th, 2006

Last CATS-EHV Meeting

- The last CATS-EHV meeting was held April 18th in Scottsdale AZ, at the SRP Power Operation building.
- Main topics of discussion was study plan for the 2006-2007 study period and base case selection for the study.

2006/2007 Study Plan

- Tenth-Year Study 2016/2017 System
- Study impacts of various Generation addition and/or injections on the East Side of the Central Arizona System.
- Study impacts of various Generation additions and/or injections into the North side of the Arizona system.
- Study impacts of additional Generation at the Palo Verde Hub.

2006/2007 Study Plan

- Revisit TEP Long range requirements.
- Study EHV Transmission overloads which were identified in the CATS-HV Study.

2006/2007 Study Plan Base Case

- 2016 WECC HS1 base case has been selected for the starting case.
- SRP will Coordinate base case development via the CATS-EHV forum

ACC BTA Requirements

- RMR
- N-1-1 (2006 planned outages)
- Extreme Contingencies
 - Station Transformer Outages
 - Common Corridor Outages
- Ten Year Snapshot (2015)

ACC BTA Requirements Status

- **RMR:**

APS presented the Phoenix and Yuma area RMR Study results at the last SWAT meeting in Phoenix.

- **N-1-1:**

SRP presented the N-1-1 studies performed on the Palo Verde transmission system.

APS had one 230kV line planned outage (Lincoln Street-West Phoenix) which has been studied for 2006.

ACC BTA Requirements Status

- **Extreme Contingencies**

SRP presented the study results for the Kyrene 500/230 kV, Browning 500/230kV and the Rudd 500/230 kV Transformers at the last meeting.

APS and SRP are currently in the process of Studying the Common Corridor outages.

- **Ten Year Snapshot Study**

Power flow runs have been completed. Results are being analyzed and will be presented at the next CATS-EHV meeting.

Next CATS-EHV Meeting

- **The next CATS-EHV meeting will be May 25th.**
- **Hosted by SRP in Scottsdale, AZ at the SRP Power Operations Building.**
- **This will be a combined CATS-EHV and CATS-HV meeting.**