

**SWAT Transmission Planning Committee
(Formerly CATS)**

**January 14, 2004
Sedona Conference Room
SRP ISB Building**

Meeting convening 9:50AM
Introductions were given

Review Organizational Issues = >

Harlow stated that at the last meeting held in Albuquerque, NM, everyone who attended the meeting agreed to expand the CATS forum to include New Mexico, El Paso and southern Nevada. The footprint of the planning committee aligns closely with the membership of WestConnect. In the future, the planning group could become part of WestConnect.

After the last meeting 6 members drafted the following documents. These were previously distributed to the group.

From the issues document, attached, the first item discussed was to name the new committee. The small group recommended the Rocky Mountain – Desert Southwest Planning Committee. The following were the committee names voted on by the group.

- 1. Southwest Area Transmission Planning Committee- Majority vote, winner!
The group will be called the SWAT Planning Committee.**
2. Desert Southwest – Rocky Mountain Transmission Planning Committee
3. CATS – leave the CATS name and let it not stand for a particular geographical area
4. Honorable Mention - DSWAT

Governance & Voting

The membership will direct the activities of SWAT through a membership committee discussed below.

Voting on actions within the organization, such as approval of study plans and work reports, need to pass by a simple majority of those members present. There will be no proxies. Members can indicate how they would want to vote in writing or email to the chair prior to the meeting.

Chairs will serve a 2-year term. Harlow volunteered to be the SWAT chair for 1 more year and then a new chairman will take over.

Organization

All meetings of SWAT including the technical groups will be open for anyone who has an interest in SWAT activities. **The small working group recommended the members committee be called the Oversight Committee, which is basically what its main function will be. The membership agreed.**

A comment was accepted that in written report under review that it should be written as ‘**All interested parties instead of stakeholders**’.

The main function of the Oversight Committee will be to provide direction, oversee the technical work and provide guidance of the technical work where needed.

Technical Committee

There will be one technical committee for SWAT. That committee will direct the technical studies. The Technical Committee Chair can appoint Subcommittees or interest groups, for example, the CATS HV Subcommittee. And will appoint the chairperson in charge of the subcommittee or interest group.

The Overview Committee chair will appoint the Technical Committee chair. He will serve a two-year term. Gary Romero will serve as the Technical Committee Chair.

The Technical Committee will develop a study plan for the study work. That plan will identify the scope of work, study methodology, assumptions, a schedule and the work plan. It is intend for the study efforts to work from a common set of base cases, share the results of their work, and document their work in a report at the end of the study. Generally work will be done on an annual cycle.

The SWAT members were asked to nominate a person to represent they on the Technical Committee. Each member should notify Gary Romero the person they want to be on the Technical Committee.

Meetings

Oversight Committee is to meet in 6 weeks, and meet periodically on an as needed basis..

Technical Committee meet every 3 months. The smaller Subcommittees would normally meet on a more frequent basis. The would manage their own schedule for meetings.

The Oversight Committee will mostly meet in Phoenix, Tucson and Albuquerque on a rotation basis. The next meeting will be in Albuquerque, NM.

Review Draft Organizational Document =>

HRP lead the discussion on the second documents attached. This document started with the STEP Organizational document and was edited to incorporate the comments from the members at the Albuquerque meeting.

Comments provided at the meeting that will be added to a revised document are noted below:

1. Excluded the economic studies part from the STEP document, this maybe in the future, but not at this time.
2. **Purpose and Scope** no comments
3. Change Stakeholders to interested parties.
4. Regulatory involvement is strongly encouraged. Use the wording Public Regulatory Commission in the text.
5. It needs to be understood that Power marketers and generation developers are indeed included as a transmission user.
6. RTO's & ISO's should be included as members..

- **Action Item (AI) Send comments (Redline version) on the organization document to HRP by January 30th.**

Note the planning functions or concepts in organizational document mainly address the development of projects. Everyone is to encourage to think about how the transmission system can be improved. SWAT main goal is to facilitate project development. Project sponsors are the ones who develop projects.

- **AI Larry Luna will supply Nevada State PUC staff member name for inclusion to the mailing list. Dennis Malone will do the same for a Texas regulator.**

7. Coordination & Study Process

The document need to clearly state study plans will be jointly developed, done annually, or more frequent if necessary. Documentation is very critical as this is the mechanism to get work done and to proceed on to the next step

Study Plan, i.e., assignment of study work Study work will be accomplished by interested in performing a particular study. That is, if you want to study something, you have to do it for yourself or have someone else do it for you. No one is expected to do it for you.

Lunch break at 11:45AM

Resumption:

Website: Rob Kondziolka discussion

Rob point was that it is important to open a independent website of this group. Material on the website would include: agendas, meeting minutes, publish study work when completed, and include other links to other websites such as SSG-Wi, WECC, other utilities, and regulatory agencies.

CATS does not have an independent website. www.azpower.org is where it is located. There is a concern that the website must to be independent from the participants. All attendees agreed that this is to be done.

Several options were suggested:

- OPTION 1: APA to investigate if ok for placement and maintenance,
- OPTION 2: West Connect host the website? The footprint of West Connect fits this group pretty closely.
- OPTION 3: A totally independent site.

The majority in a straw pole preferred to use the West Connect website although any of the options would work.

- **AI** **By the next meeting Rob Kondziolka is to do domain research for an independent website.**

CATS Phase III Study Report

The draft study report was sent yesterday via email. Gary Romero led this discussion. First suggestion was to move all the transmission additions to a generic location in the report. Each technical write-up would refer to a generic location for this information. This information would only reflect what was modeled in the study and would not reflect changes that have occurred since the study was completed.

- **AI** **Joint facilities in a separate or combined list and company sole facilities are in the write up of the individual company(s). Add a column of who are the joint participants of a facility. This is only a reorganization of information. We would identify joint facilities and who would be an owner of the joint facilities.**
- There was quite a bit of discussion about how often the 10 year coordinated study would be conducted by SWAT. It would be up to the transmission owners who

are responsible for filing their Biennial Transmission Assessment (BTA). At this time it makes sense to do this work together every two year. The report, however, should indicate some latitude for the timing of this work. The transmission owners and the ACC staff need to follow up on this item.

- **AI Change wording in the report from ‘10 year filing’ to the Biennial Transmission Assessment with comments added that the review time for the next time will be addressed.**
- **AI Bob Smith comment that in the introduction to delete the 2nd sentence, this leaves the impression that we did not do combined analyses before, Bob Smith to send redline to Gary/Harlow with his other comments about Phase III Study Report.**
- **HRP to send the redline version about conclusion wording, study focus and results conclusions**
- **AI Send Redline versions to Gary Romero by this Friday, the group to see the updated report with a very quick turn around.**
- **AI SRP will submit the report in its 10-year filing document to the ACC. Everyone can refer to this document in their 10-year filing.**

Suggested Study Work for 2004

There was a fairly broad but limited discussion about the study work SWAT should do for 2004. Gray Romero led the discussion.

The Oversight Committee suggested the study effort listed below for the SWAT 2004 study program. The Technical Committee needs to establish study efforts to do this work. These work groups are directed to work through the Technical Committee to prepare study plans and present them to the Oversight Committee at its next meeting.

Suggested 2004 SWAT study work:

- a. River area study- this study would explore the possible interconnection of the Palo Verde-Devers 500Kv transmission lines interconnecting with the Colorado River transmission system in the Blythe area as a part the construction of the second Palo Verde-Devers 2 transmission line. Both the impact of this interconnection and the value of the interconnection should be explored along with the future development of the River transmission system.
- b. Central Arizona HV Transmission- Pick up were the first study finished and continue to study the future requirements of the high voltage (230Kv and below) for the area in Central Arizona between Phoenix and Tucson.

c. Arizona/New Mexico Resources Study- Study the effects and transmission needs to accommodate the generation and transmission development currently contemplated in the Four Corners area and the Springerville areas for the resources proposed in those areas as well as new wind generation in the New Mexico area. The wind generation evaluation may be more of a high-level transmission scoping analysis.

New Resources, specifically wind energy, ~1000MW is located 150 miles east of Albuquerque we noted from the SSG-WI 2003 study. These resources are very remote from present transmission. A way to consider this development may be to look at as its own special interest group. This group should consider where the energy is to be dispatched.

d. Large scale delivery of generation to and from the Colorado River:

1. STEP Study-Evaluate the impact of moving large amount of generation in the range of 2000 to 3000 mws from the region to California. Use the most likely STEP transmission options PV-Devers No. 2 and IV to San Diego.
 2. Nevada study- Evaluate the capability to move generation from the Las Vegas area into the Arizona /New Mexico area at Palo Verde and vice versa.
- e. Southern New Mexico Import Study- Evaluate alternatives to increase the ability of the transmission system to import energy into the southern New Mexico load areas. Those entities that want to do this study need to trade emails to discuss internally how they want to manage this study.

A request was made to accelerate the River System Study as a result of the SCE's interest to go it alone on the proposed DPV II line, by Ken Bagley and to incorporate NPC interests as well. It was suggested that a good way to do this would be to present a study plan to the Technical Committee at its first meeting.

- **AI The next meeting of this SWAT Planning Group, MAR 4, Thursday in Albuquerque 9:30AM to 3:00PM is the date to be confirmed by email to Gary Romero by PNM attendees.**

Progress report on NTP, Navajo Transmission Project

Teamed up with Dine, significant progress has been made, the environmental permits are in place, Navajo rights of way are in place, starting to get into the work groups and WECC processes started. **A formal presentation will be made the next meeting by NTP.**

Progress Report on PV – TS5

APS discussed this project, used to be called Trilby Wash, is now called TS-5. In the APS and SRP plans it is not defined the exact location of the TS-5 substation. Generally

thought to be 2-3 miles west and 2-3 miles of the White Tanks Mountains to be in service in 2007. **APS will make a more formal presentation at the next meeting.**

Hassayampa – Pinal West Progress Report

An update on this project was given, changes stated in schedule from last 10 Year Plan. **Dan Hawkins is to present this information more formally at the next meeting.**

Winchester Update

Winchester is in progress, I/S is late March early April. This is the 1st piece of the CATS plan.

Meeting adjourned at 2:30PM