

AGENDA

# SWAT Oversight Committee

May 4, 2005

Public Service Company of New Mexico  
414 Silver SW, Albuquerque, New Mexico

9:30am to 3:30pm

1. Introductions, Agenda Review & Opening Comments – **Robert Kondziolka**

**Went through introductions, Rob thanked attendees for high level attendance. Jeff asked for attendees to review a New Mexico map for any errors / issues. Rob identified two themes for the day – 1) Opportunity 2) Choice.**

2. Note Taker for Meeting Minutes – **Public Service of New Mexico**

3. Finalize 2004 SWAT Activity Report (**ACTION REQUIRED**) – **Gary Romero**

**Need to finalize this report, originally planned to complete in January, then promised ACC would be available in March, now it is May! Intent not to wordsmith today but please provide written suggestions for report to Gary. Prasaud suggested that the report should be submitted to the NMPSC, Rob committed to submit. Gary quickly reviewed the report as it exists today and highlighted major changes since last meeting. Report is currently pretty bland – please provide words to expand report and provide some “excitement” and better describe items in report (report looks like a report written by engineers). Goal is to finalize the report by the end of this month. Provide comments by May 13. Chairs for appendices are responsible for their items. Bob Smith suggested that report should indicate that the jurisdictional entities are responsible for various studies for the ACC not SWAT.**

4. Technical Committee Report – **Gary Romero**

a. Study Area Presentation by Chairs – Presentation of Proposed Study Plans for 2005  
want to reach consensus on plan for the year

i. Colorado River Transmission Subcommittee – **Ken Bagley**

**Ken reviewed the status of items the subcommittee has been following in the region as well as efforts to study expansions in the transmission system in NW Arizona (western study group). This is an open study group and the next meeting is May 18<sup>th</sup>.**

ii. Central Arizona HV Subcommittee – **Mark Etherton**

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**Mark was not able to make meeting so Gary filled in. Identified footprint of study area as well as history. The group wants to take studies to next step this year to identify 230 backbone needs and look at load saturation for the area. Study will develop “ultimate” transmission system plans with alternatives. Will use WECC 215 HS1A approved in 2005. It is anticipated that cities in the area will participate in study process. Goal is to finalize study plan this month and have final report for January 2006.**

iii. **CATS EHV Subcommittee – Gary Romero**

Different twist this year due to work required by ACC. This effort will take most of committees time this year.

iv. **ACC BTA Requirements – Jason Spitzkoff**

Ten-year plans, RMR analysis, Extreme contingencies (substations with mult. Transformers at common voltage level, EHV lines common corridor), more stringent RMR, Palo Verde hub risk assessment, N-1-1 analysis, tenth year snapshot (based on 05 filing). Extreme contingencies raised issue of confidentiality / critical infrastructure issues. Clarify that Nogales not Douglas will be studied by UNS. Will send out a study plan to the SWAT group for review.

v. **Arizona/New Mexico EHV Subcommittee – Mark Etherton**

Rather than having this as a separate study group this group will supplement the New Mexico Load Area Subcommittee efforts.

vi. **New Mexico Load Area Subcommittee – Dave Eubank**

Jeff filled in for Dave. Jeff reviewed various plans for projects and identified Paths 47 and 48. Issue of Wind generation in eastern New Mexico also identified. Dill identified some needs that TriState is looking to meet through the study process. Much discussion ensued as to what generation assumptions should be made – especially relative to wind.

5. **Formalization of SWAT/WestConnect – Robert Kondziolka**

Rob reviewed a draft proposal that he would like to submit to WestConnect at their next meeting. Would propose Chairman, secretary and report writer for last quarter and adding a planner in 2006. The planner would develop and analyze the base case. For 2007 a second planner – economic would be added. Rob will add some information relative to additional activities that Chairman would likely be involved in such as SSG-WI, Commission activities, etc.

6. **Modeling Coordination Between SSG-WI & SWAT – Peter Krzykos**

2003 study looked at bookend scenarios – Coal / renewables / gas. 2005 study will be looking at “most likely” future generation scenarios. 2008 is the trial case, goal is to develop 2015 scenario. Modeling effort conducted under tech. support group with 4 subgroups: load forecasting, generation sub-group, transmission sub-group, and modeling team. Coordination with SWAT – thermal unit commitment data, Dineh not represented in 08 case, Palo Verde – Devers #2 not in 08

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case. Need to confirm DSM assumptions, need to deal with disaggregating losses from load forecast so that GridView can be used to model losses without double counting. How convert monthly hydro generation to hourly. Provide any input on generation assumptions for future. *Need assistance in defining likely 2015 scenarios – new thermal generation attributes, assumptions on renewables, are outcomes of SSG-WI studies consistent with SWAT studies?*

### 7. Reliability Center Coordination on Reactive Power Studies – **John Greenlaw**

Reactive Margin display development – NERC version 0 stds. TOP 006, IRO 002 in particular. Design displays for WACM footprint once operational expand to AZ and NM. Include both dynamic and static but focus on dynamic. Initially look at single generators 20 MW or above. WACM will use “voltage control areas” as developed by volt. Control guidelines committee of the CCPG. D-Curve computations – seven points selected from each D-curve. Will be requesting info from AZ / NM at June meeting. Approximate curve with straight lines. Will need PI data (status, MW, MVAR). Development of “voltage control areas” in regions outside of WACM. Study work will be needed to determine VAR requirements for “voltage control area”. Rob added that important that SWAT work with Reliability Coordinator.

### 8. Black Start Studies and Implementation – **Dave Eubank**

Goal of having black start studies housed at SWAT.

### 9. Update on USE Proposal – **Robert Kondziolka**

### 10. Development of an West-wide Production Simulation Database – **Chuck Falls**

### 11. Proposed Resource Adequacy Standards for the Western Interconnection – **Dan Brickley**

No time to discuss, WECC is creating a L&R subcommittee

### 12. Western Assessment Group – **Ed Beck**

- a. May 23, 2005 Stakeholder Meeting in Portland Ed reviewed what the group is, the upcoming meeting and the importance for participation in the effort. Registration is required to attend the meeting and info can be found on WECC website. Prasaud suggested that everyone should read an article in the Electricity Journal, March issue that identifies a lack of benefits from retail competition including at the industrial level.

### 13. WestConnect Conference on Transmission Path Ratings – **Jerry Smith (APS)**

- a. June 22, 2005 Technical Conference in Denver Follow-up to February meeting held in Phoenix. Need to have attendance by users of the transmission systems.

### 14. Public Power Initiatives of the West – **Frank Barbera**

Rob gave quick overview.

### 15. WestConnect Status & Website Update – **Charlie Reinhold** [www.westconnect.biz](http://www.westconnect.biz), nearing completion

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16. STEP Status – **Bob Smith presentation will be sent out.**
17. SSG-WI Status – **Bob Smith Would be similar to SSG-WI presentation.**
18. Simplified Project Reports & Updates
  - a. Gateway South – **Ed Beck Two step process at ACC, first will be need for a project then will be reconsider siting.**
  - b. Navajo Transmission Project – **Ken Begay**
  - c. Palo Verde to Pinal West – **Robert Kondziolka Permit in place, sch for 07**
  - d. Pinal West to Browning – **Robert Kondziolka in Siting process, may 10 hearing**
  - e. Palo Verde to TS5 – **Bob Smith Filed for CEC on May 2, hearings June 6,7**
  - f. TS5 to Raceway – **Bob Smith scheduled in service 2010**
  - g. Palo Verde to Yuma – **Bob Smith May develop larger project due to interest.**
  - h. Raceway to Pinnacle Peak – **Bob Smith APS / SRP project, file for CEC this yr.**
  - i. Path 49 Upgrades – **Bob Smith Hassayampa Miguel, increase 505 mw, in service 2006**
  - j. Palo Verde to Devers II – **SCE Will likely file in early 06, 09 in-service.**
  - k. EOR 9000+ - **Jim Hsu/BrianKeel Similar to PV – Devers,**
  - l. Tri-State 1,000MW Coal Fired Generating Station RFP – **Dill Ramsay decision in July**
  - m. Springerville Unit 3 – **Ed Beck 5 months ahead of schedule should be on line summer 06, 850,000 manhours without single lost time incidents.**
  - n. Desert Rock – **Tom Johns 2 – 750 mw units**
  - o. Centennial Project – **Joe Tarantino Moving forward, Jan 07 late date in service**
  - p. Kingman/Dolan Springs Wind Project – **Steve Mendoza no time frame identified**
  - q. Sunshine Wind Project – **Todd Thorner 60 mw, east of Flagstaff, facility study under way, in service 05**
9. Other Items
10. Next Meeting – August 23 (Denver, Colorado)