



Proposed STEP 2004 Goals

Jeff Miller

January 20, 2004



First Quarter

- 1) Agree on the allocation of capacity for short-term upgrades.
- 2) Agree on the criteria for determining the voltage support requirements for the short-term upgrades and develop a technical study plan to determine requirements.
- 3) Agree on the short-term west of Devers project (reactor or reconductoring)
- 4) Agree on the series capacitor ratings.



Second Quarter

- 1) Reach agreement on the integration of the new line between Arizona and California with the underlying system that runs north and south along the Colorado River.
- 2) Complete the economic, reliability, and preliminary routing assessments for the various options for a new line into San Diego.
- 3) Invite voltage support equipment manufacturers to a STEP meeting to discuss available technologies, modeling in studies, and costs



Second Quarter (continued)

- 4) Complete studies to determine voltage support requirements
- 5) Agree on voltage support requirements for the STEP area.
- 6) Gain all the utility and ISO approvals that are necessary to proceed with the short-term upgrades



Third Quarter

- 1) Order all equipment necessary to complete the short-term upgrades.
- 2) Reach agreement on whether or not to proceed with a new line into San Diego, and if so, select the preferred option.
- 3) Gain utility and ISO approvals necessary to proceed with a new line from Arizona to California.
- 4) Agree on transmission economic assessment methodology
- 5) Develop study plan for long range STEP study (i.e., 10-20 years).



Fourth Quarter

-
- Gain Utility and ISO approvals necessary to proceed with a new line into San Diego
- Begin development of the STEP long-range plan (10+ years) using SSG-WI updated data bases