



STEP Meeting

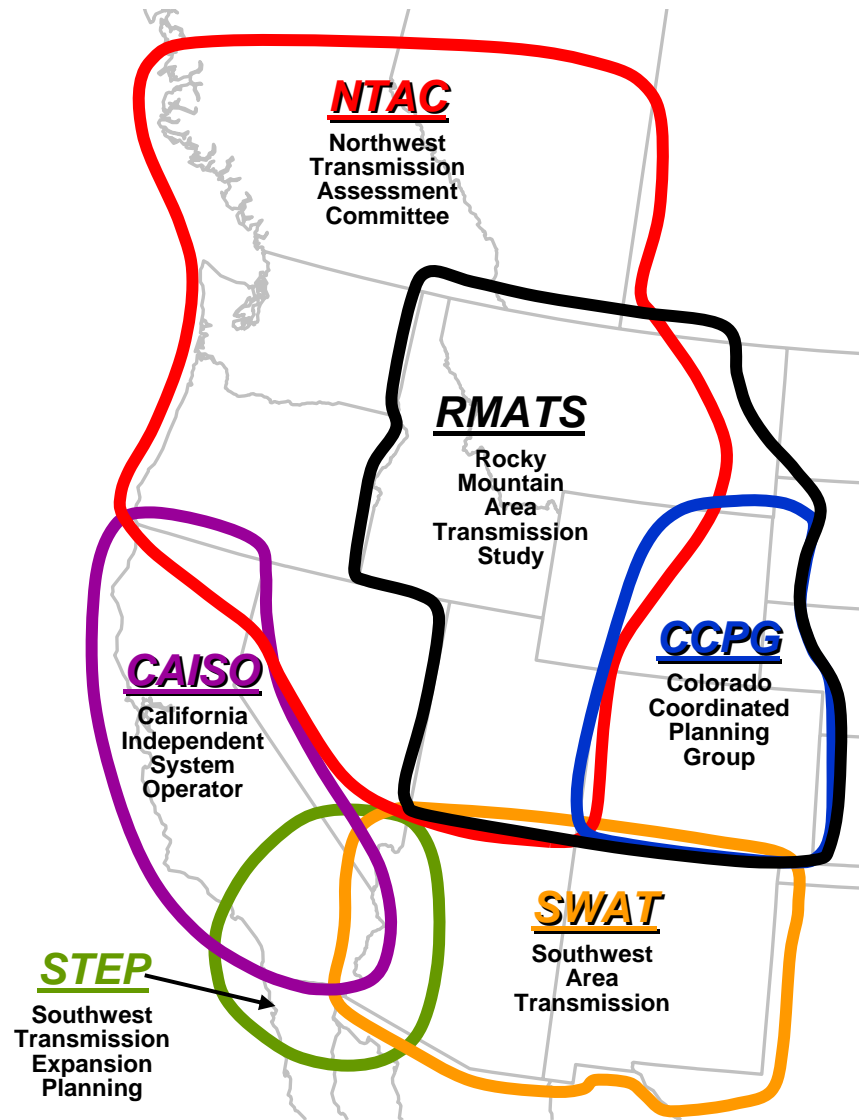
Status of SWAT Activities

Bob Smith

APS

March 16, 2007
San Diego, California

Western Interconnection Sub-Regional Planning Groups



RMATS – <http://psc.state.wy.us/htdocs/subregional/home.htm>

CAISO – <http://www.caiso.com/thegrid/planning/index.html>

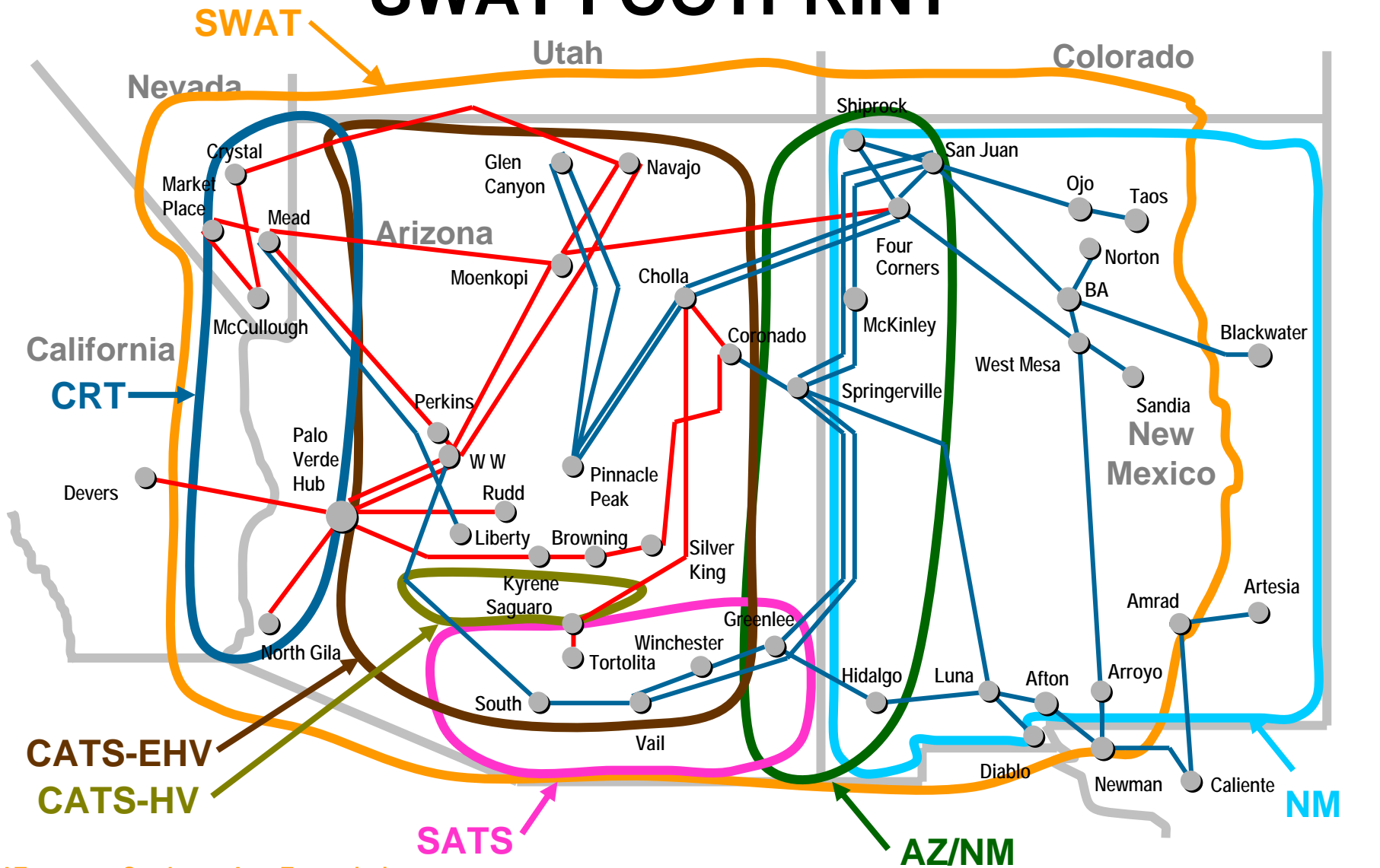
NTAC – <http://www.nwpp.org/ntac>

SWAT – <http://www.azpower.org/swat>

STEP – <http://www.caiso.com/docs/2002/11/04/2002110417450022131.htm>

CCPG – <http://ccpg.basinelectric.com>

SWAT FOOTPRINT



- SWAT Southwest Area Transmission
- CRT Colorado River Transmission
- CATS – EHV Central Arizona Transmission Study Extra High Voltage
- CATS – HV Central Arizona Transmission Study High Voltage
- SATS Southeast Arizona Transmission Study
- AZ/NM Arizona New Mexico Regional Transmission
- NM New Mexico Transmission

500kV —
 345kV —

Web Sites

WestConnect: http://www.westconnect.com/init_swat.php
 SWAT: <http://www.azpower.org/swat>

WestConnect Regional Planning CCPG and SWAT

- **Promote Regional Planning in footprint - formalized relationship with CCPG and SWAT**
- **Provide resources for development of a Ten Year Biennial Transmission Plan**
- **Promote an open, transparent and alternatives-based transmission planning process to facilitate comment, input and exchange of information by all interested Stakeholders**
- **Promote the coordination of the regional transmission planning process with other sub-regional transmission planning efforts within the Western Interconnection and WECC**

WestConnect

Arizona Public Service

El Paso Electric

Imperial Irrigation District

Nevada Power Company

Public Service Colorado

Public Service New Mexico

Sacramento Municipal Utility District

Salt River Project

Sierra Pacific Power Company

Southwest Transmission Cooperative

Tri-State G & T Association

Tucson Electric Power

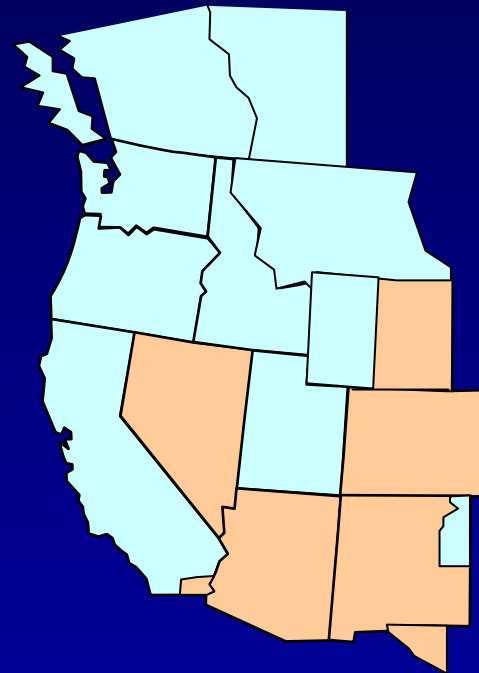
Western Area Power Administration

- Rocky Mountain Region
- Desert Southwest Region
- CRSP Management Office

38,000 MW of Load

30,000 Miles of Transmission Line

6.5 Million Retail Customers Served



WestConnect Regional Planning CCPG and SWAT

- **Project Manager, Report Writer, Transmission Planner, and Secretary/Communication Functions**
- **Request For Proposals February 2007**
- **Services Retained April/May 2007**

SWAT Involvement

- **EPAct 2005 Section 368 Federal Energy Corridors – Comments to DOE**
- **FERC NOPR on Revised Order 888 Undue Discrimination and Preference in Transmission Service – Comments to FERC**
- **FERC NOPR on Standards of Conduct for Transmission Providers**

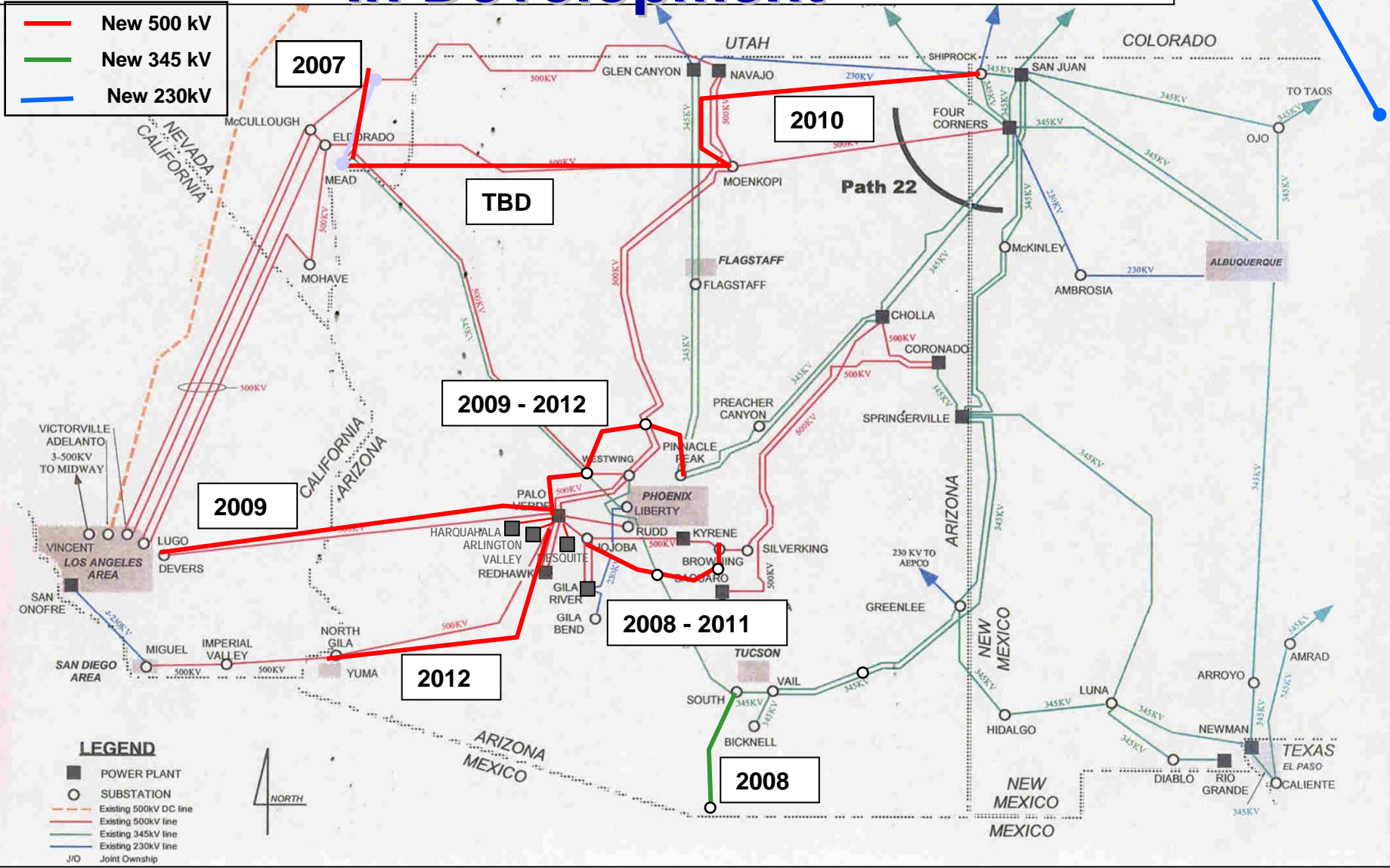
SWAT January Meeting

- **Web cast of future meetings**
- **New sub-group to define resources and assumptions ... interface with TEPPC**
- **TTC/ATC Workshop mid-April in Denver**
- **Google Earth Project Update - Demo**

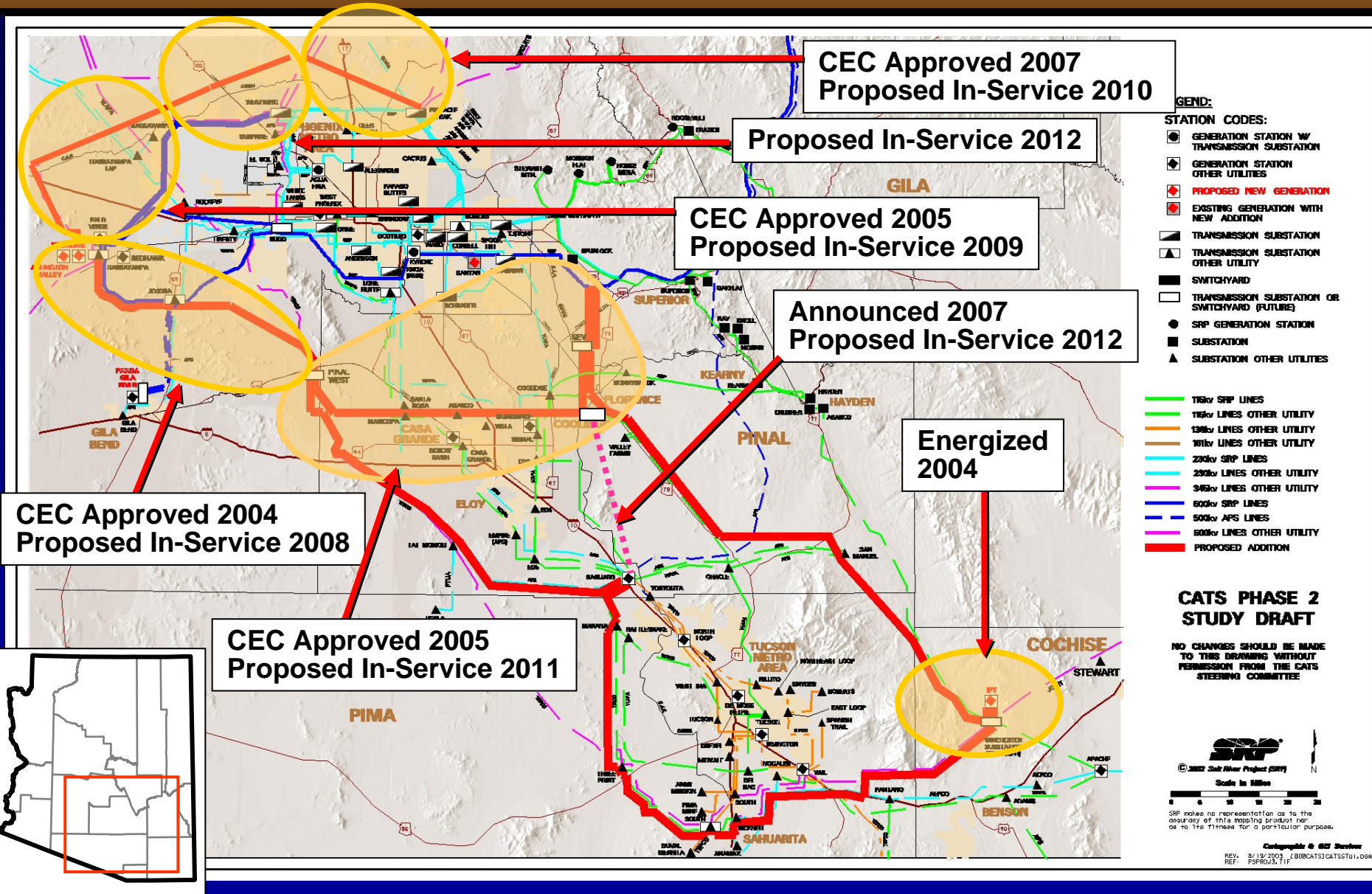
New EHV and HV Transmission In Development

2007

- New 500 kV
- New 345 kV
- New 230 kV



Central Arizona EHV Long Range Plan



EHV Transmission Upgrades In Development

