

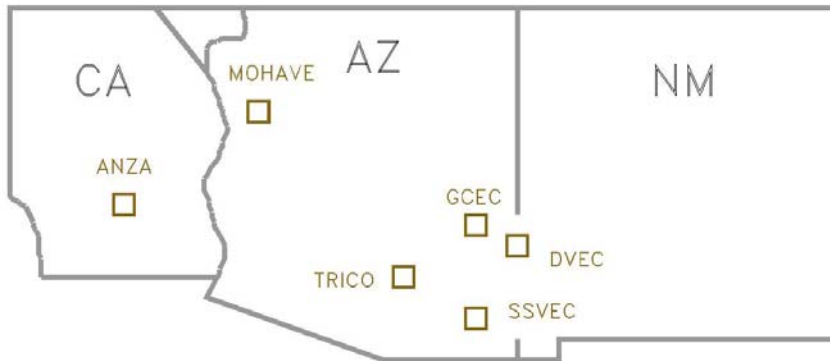


# 10 Year Transmission Plan Presentation (2010-2019)

6<sup>th</sup> BTA Workshop  
Carnegie Center, Phoenix, AZ

Jim Rein/Bruce Evans  
June 3-4, 2010

# Overview of SWTC



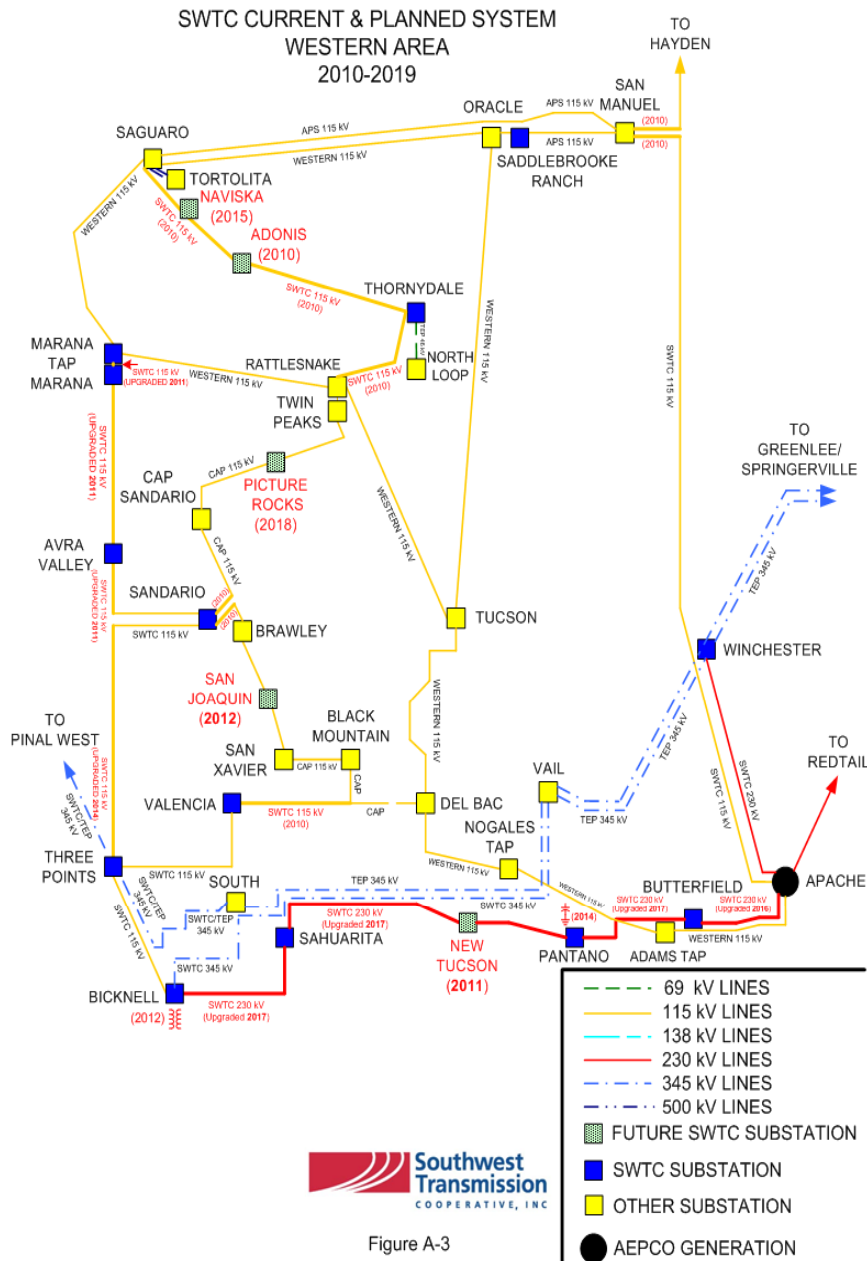
- 6 Member-owners
- 2009 Member Peak Load: 600.3 MW (Aug. 5<sup>th</sup> @ 16:00)
- SWTC's transmission assets include 619.2 miles of transmission lines and 25 substations to serve the Member load
- WAPA is SWTC's Control Area Provider

# SWTC Project Summary

- New Projects: None
- Changes from 2009 Plan:
  - Minor date changes – mostly related to reductions in reduced load forecast and economic downturn.
  - Some project in-service dates were adjusted to better coordinate project schedules with other ongoing work resulting in cost savings.
  - However, ongoing discussions with the Class A Operating Committee (CAOC) will necessitate minor changes to this plan.
  - As changes are approved by the SWTC Board, they will be incorporated into the next ACC Ten Year Plan filing.







- New Projects: None
- Changes from 2009 Plan:
  - Marana Tap to Marana 115 kV Line Upgrade moved from 2012 to 2011
  - Marana to Avra 115 kV Line Upgrade deferred from 2010 to 2011
  - Pantano to Sahuarita 230 kV Line Loop-in to New Tucson deferred from 2010 to 2011
  - CAP 115 kV Line Loop-in to San Joaquin deferred from 2010 to 2012\*
  - Sandario Tap to Three Points 115 kV Line Upgrade deferred from 2011 to 2014\*
- 2010 Saguaro to North Loop 115 kV Line\*
- 2010 North Loop to Rattlesnake 115 kV Line\*
- 2010 Valencia to Black Mountain 115 kV Line\*
- 2010 CAP 115 kV Line Loop-in to Sandario\*
- 2011 Avra to Sandario Tap 115 kV Line Upgrade\*
- 2012 Bicknell 345/230 kV Transformer Replacement\*
- Sandario Tap to Three Points 115 kV Line Upgrade\*
- 2015 Saguaro to Adonis 115 kV Line Loop-in to Naviska\*
- 2018 CAP 115 kV Line Loop-in to Picture Rocks\*

\*Under Evaluation

SWTC CURRENT & PLANNED SYSTEM  
PV-SEV PROJECT AREA  
2010-2019

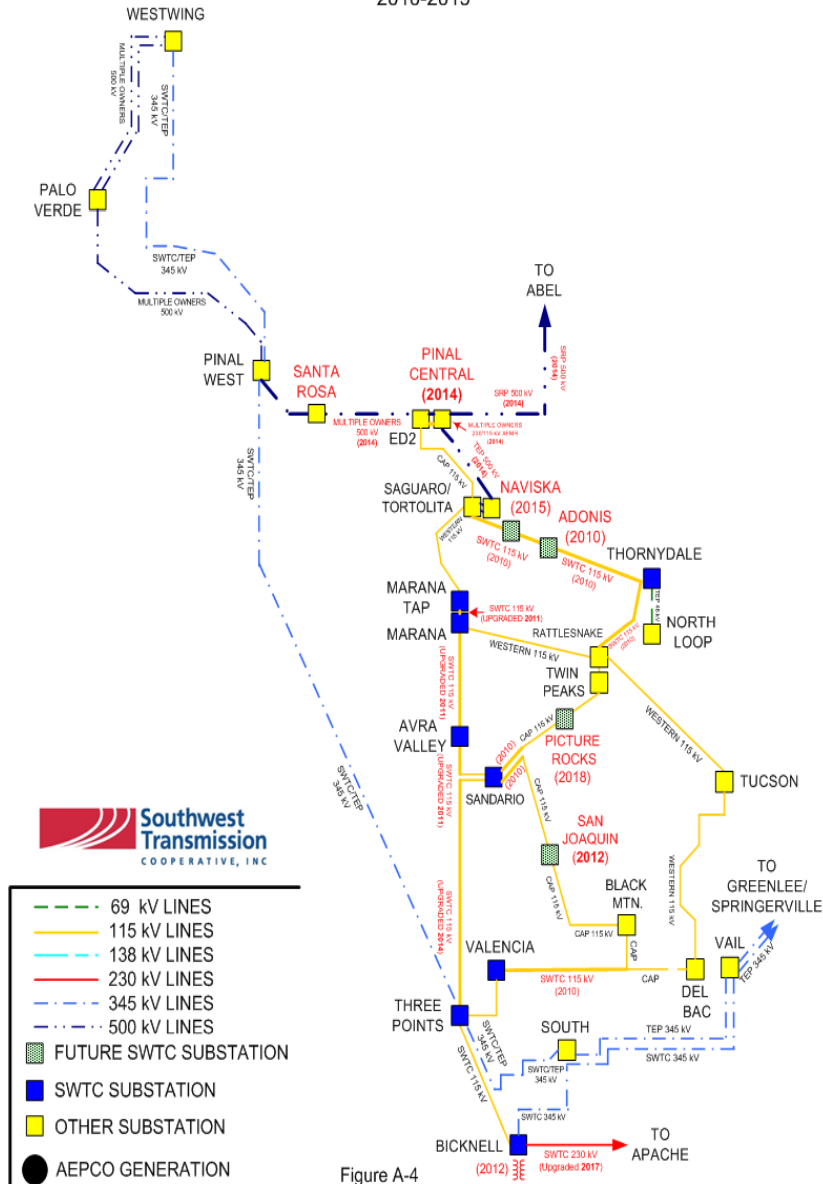


Figure A-4

- New Projects: None
  - Changes from 2009 Plan:
    - Pinal West to Pinal Central 500 kV Line deferred from 2013 to 2014\*
    - Pinal Central 230/115 kV Transformer deferred from 2013 to 2014\*
    - Pinal Central to Tortolita 500 kV Line deferred from 2013 to 2014\*
  - 2013 ED2 115 kV Termination to Pinal Central\*
  - 2014 SPPR Three Terminal Plan Projects (Not shown on map)\*
- \*Under evaluation

# Stakeholder Input

- The projects have received stakeholder input through SATS.
- Projects noted for the 2009-2014 time period have been reviewed by CAOC and are scheduled for approval by the SWTC Board on June 17.
- Projects noted for 2015-2019 time frame are conceptual and will receive further scrutiny by the CAOC and further study through the SATS 2010 Study Plan before inclusion into future Construction Work Plans (CWP).



# Questions?

