

## 2010 SATS Study Plan

- 1) Present Plan and subsequent findings to SWAT, WestConnect, and local stakeholders;
- 2) Revise load forecasts;
- 3) Engage SATS in early case building to ensure accuracy of database for 2010 ten-year planning cases;
- 4) Investigate alternative configurations to mitigate high flows on the Winchester 345/230 kV transformer, Apache – Bicknell 230 kV line, and Bicknell 345/230 kV transformer caused by EHV system contingencies;
- 5) Develop and evaluate alternatives to the two joint Tortolita – North Loop 345 kV proposals based on the SPPR Three Terminal proposal;
- 6) Develop and evaluate alternatives for joint SWTC/TEP substation(s) to supply TEP/Trico loads south of Tucson;
- 7) Complete capital cost estimates and economic analysis, including losses;
- 8) Identify potential projects in the SATS footprint.