# TANC Transmission Project



Preliminary proposed transmission routes shown here represent <u>multiple</u> alternatives that will be evaluated during the environmental review (CEQA/NEPA) process. For each segment of the program, a <u>single</u> route will connect existing and proposed substations, except east of the Proposed New Substation Near Round Mtn., where two 500kV lines will be sited.

The Transmission Agency of Northern California (TANC), formed by 15 publicly owned utility members to construct and operate electric transmission projects, is planning a new transmission project to serve Northern California

The TANC Transmission Project (TTP) would increase California's electric system reliability and provide increased access to local California-based renewable energy resources through a system of 230 kilovolt (kV) and 500 kV transmission lines and substations. The TTP would help to improve the state's current transmission system, which is at times severely constrained and at risk of not meeting California's energy demand during peak periods. There has been limited new major transmission infrastructure built in California since TANC placed the California-Oregon Transmission Project (COTP) in service in 1993.

## Customer Benefits: Reliability and Renewable Energy

Transmission expansion is necessary to provide continued electric service to the growing populated areas in the state. California's population is expected to increase by 29 percent from 2000 to 2020 at the same time as residents are requesting increased use of clean, renewable energy.

The TTP would respond to these needs by:

- Helping to maintain and enhance electric system reliability
- Providing access to key California-based renewable energy (wind, solar, and geothermal resources)









#### **Customer Benefits (cont.)**

- Assisting with meeting the anticipated increased energy demand of TANC member service areas and Northern California
- Helping to relieve existing constraints on the transmission system, especially during periods of peak energy use
- Supporting customer demands for clean energy development
- Allowing TANC members to continue to provide low-cost, reliable electric services and guard against price fluctuations
- Providing for more efficient use of existing and planned energy resources

### **Project Update**

TANC has teamed with the Western Area Power Administration to conduct the environmental review for the TTP under National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) regulations. The agencies will begin this environmental review by hosting 12 public scoping meetings in March-April 2009. Information regarding these meetings will be publicly noticed and available on the TTP NEPA/CEQA website (www.wapa.gov/transmission/ttp.htm).

#### **Community Participation**

TANC is committed to an open, transparent public process that provides a variety of opportunities for community involvement. TANC will keep the public informed through newsletters, press releases, website content (www.tanc.us), and public scoping meetings to be held throughout program development.

Timeline	
2008	Engineering analysis and public outreach
2009-2011	Environmental studies, permitting process, and continued public outreach
2011-2013	Land acquisition, construction begins
2014	Targeted initial in-service date

