



TANC Transmission Program

Program Overview
for
Sierra Subregional Planning Group

November 4, 2008

Who is TANC ?



- **Transmission Agency of Northern California**
- **A Public Entity whose Members include many of the regional municipal utilities of California such:**
 - Alameda, Lodi, Lompoc, Modesto Irrigation District
 - Biggs, Palo Alto, Plumas-Sierra Rural Electric Cooperative
 - Gridley, Redding, Roseville, Sacramento Municipal Utility District
 - Healdsburg, Santa Clara, Turlock Irrigation District, Ukiah
- **Mission:**
 - “To assist its publicly owned utility Members in providing cost-effective energy supplies to their customers, through long term ownership of essential high-voltage transmission lines within California and the western United States”.

TTP Program History



- **October 2005** – Future Transmission Workshop Retreat held in Redding with TANC Members, Western, and other municipal power agencies.
- **February 2006** – TANC Commission discusses staff's *Preliminary Assessment of Potential New Transmission Projects* report and directs continued analysis of five Program Elements.
- **September 2006** – Began participating in PG&E Regional Integration of Renewables process
- **November 2006** – Began participation with PG&E on N. CA to Canada project
- **May 2007** – Began discussions/coordination with CAISO
- **June 2007**- TANC Commission Workshop/Commission meeting. Commission directs moving forward with three Program Elements as a Program.
- **November 2007** – TANC Commission approves the TANC Project Agreement for Program Development (PDA) of the TANC Transmission Program.
- **March 2008** – TANC holds first Sub-Regional Planning Review Group meeting.
- **September 2008** – TANC/Western enter into agreement for Western to be lead Federal Agency in NEPA process.

TANC Members Participating



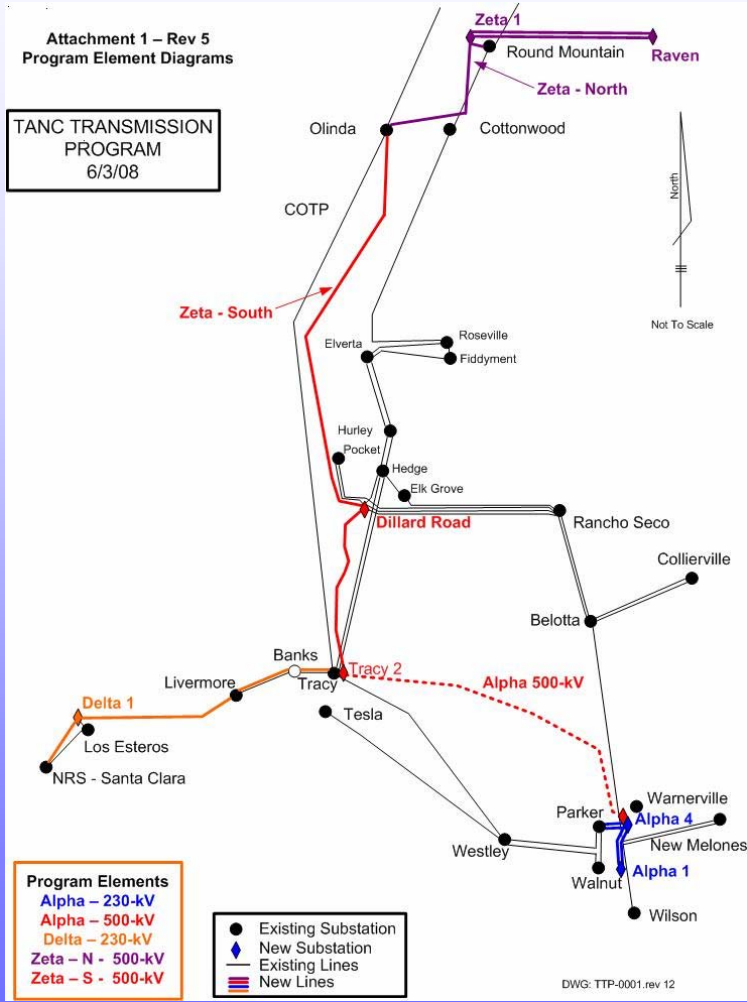
- The TANC Members presently participating in the development of the TANC Transmission Program (TPP):
 - The Modesto Irrigation District (MID)
 - The City of Redding (Redding)
 - The Sacramento Municipal Utility District (SMUD)
 - The City of Santa Clara (SVP)
 - The Turlock Irrigation District (TID)



TTP Purpose / Objective

- The Transmission Program's Major Objectives are:
 - Providing for greater access to PNW, N CA, and E NV renewable resources
 - Increasing the reliability of the municipal control areas
 - Increasing the load serving capability of municipal control areas and Members
 - Adding resources to the high-voltage grid
 - Lowering Member's GHG emissions
 - Enhancing the operability and reliability of the COTP
 - Increasing the load-carrying capability and reliability of the overall Northern California transmission system
 - Reducing and relieving existing constraints in the Northern California transmission system

TTP – Preliminary Interconnections





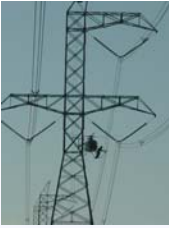
Outreach to date

- Some of the entities TANC has contacted and coordinated with:
 - Pacific Gas & Electric
 - California ISO
 - WECC – Sub Regional Planning
 - WestConnect – Sub Regional Planning
 - California Energy Commission – Data
 - Department of Energy
 - Western Area Power Administration
 - Sierra Pacific Power Company (NV Energy)
 - PacifiCorp
 - Columbia Grid – Sub Regional Planning
 - Bonneville Power Administration – Sub Regional Planning
 - Renewable Developers

Sub-Regional Planning Review Group for TTP



- Held first meeting of the review group in March of 2008
- All WECC and WestConnect Members invited to participate
- Roughly 20 entities currently participating
- Performing Planning Studies considering other transmission and proposed generation in N CA
- Expect to satisfy Sub-Regional planning responsibilities in 2008.



Current Technical Study Results

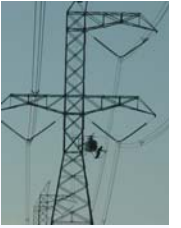
- Improves import capability under the N. California Nomogram
- Relieves some of the limitations associated with high north-bound transfers over the “North of Los Banos” path
- Greatly increases ability to access renewable resources located in northeastern California and northwestern Nevada
- Increases load serving capability into CA and the TANC Member service areas



Milestones for TTP

- **Milestone 1 (Early 2008)**
 - Program configuration and interconnection points
 - System impacts and benefits
- **Milestone 2 (Late 2008)**
 - Pre-public alternatives routing and substation sites
 - CEQA/NEPA NOP/NOI
 - Preliminary Plan of Service
- **Milestone 3 (Early 2010)**
 - Administrative Draft of EIR/EIS
 - Plan of Service Report
 - Initiation of detailed design
- **Milestone 4 (Early 2011)**
 - CEQA/NEPA Decision
 - Construction Specifications
 - Completed design

How to Contact TANC



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