

TANC Transmission Project

City of Davis

June 2009

Who is TANC?

- **Transmission Agency of Northern California**
- Public Entity whose members include many of the regional municipal utilities of California, such as:

- Alameda
- Lodi
- Lompoc
- Modesto Irrigation District
- Biggs
- Palo Alto
- Plumas-Sierra REC
- 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”.

Who is Western?

- **Western Area Power Administration**
- An agency within the U.S. Department of Energy (DOE) that markets Federal hydroelectric power
- Service territory covers 15 western states, including California
- Owner and operator of more than 17,000 miles of high-voltage transmission lines
- Lead Federal Agency for National Environmental Policy Act (NEPA) compliance

Why is TANC Proposing New High Voltage Transmission?

- There has not been any major new transmission developed in northern California in the past 16 years
- Energy demand growth and location of that growth is continuing to put stress on the existing transmission system
- Need for large-scale renewable projects to meet State RPS and GHG mandates
- TANC met with other utilities and interested parties to define and discuss what infrastructure could address system needs and integration of renewable assets
- TANC continues discussions with PG&E and other third parties regarding their participation in the TTP

What is the Need for this Project? What are the Public Benefits?

- Reduces and relieves existing transmission system constraints and improves reliability, reducing system-wide electricity costs benefiting all electric customers
 - Allows for better integration of existing hydroelectric plants
 - Reduces Northern CA transmission system congestion
 - Lowers risks of service interruption and overall system losses
- Facilitates compliance with California RPS and GHG mandates
 - Allows participating TANC Members to develop or purchase in-state large-scale renewable projects to meet RPS mandates
 - Improves load serving capability of TANC Member's and Northern CA transmission system
 - Reduces reliance on existing fossil fuel plants

What is the Proposed TANC Transmission Project?

- Approximately 600 miles of 230-kV and 500-kV transmission lines and substations
 - Extends from Lassen County to the South Bay Area, San Joaquin Valley, and Sierra Foothills
 - Consists of five segments – North, Central, West, East, and Sierra Foothills
 - Would include a single route for each segment with the exception of the North (potentially 2 for the North)
 - Would include six or seven new substations to integrate the Project with the existing grid
- Development activities funded by participating TANC Members

Where in Project Development are We?

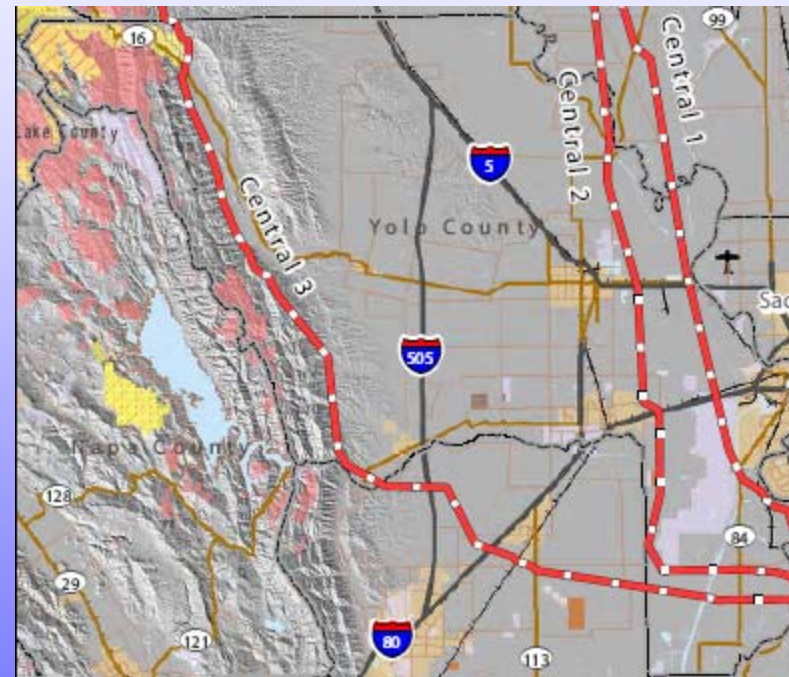
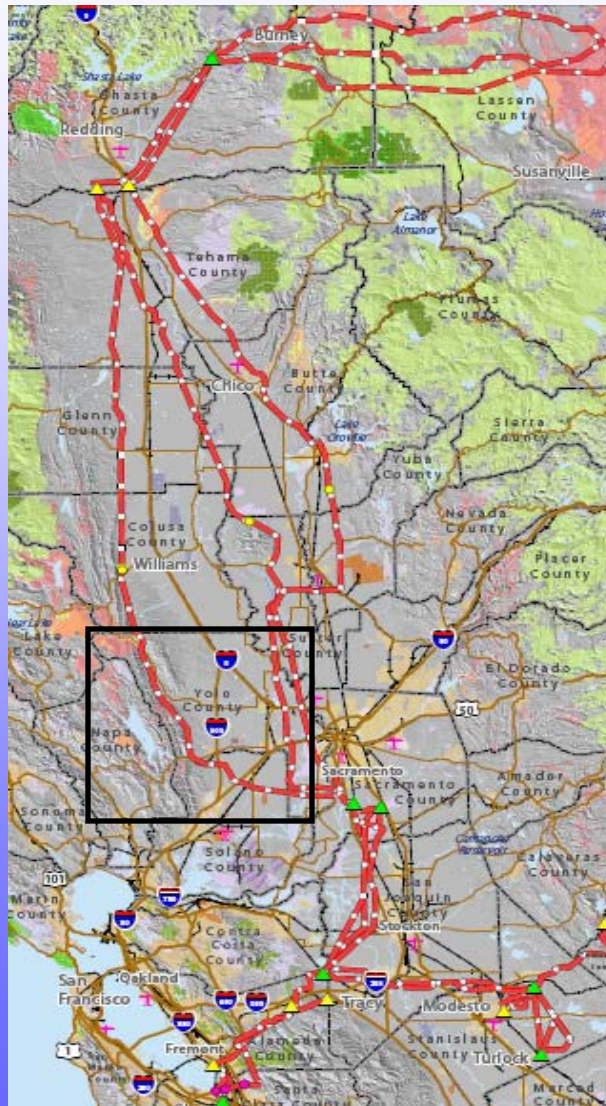
- Early stage of project development
- Studies conducted to date:
 - Regional Transmission Planning
 - Engineering
 - Economic
- All studies showed need and benefits of Project
- Currently, in first phase of environmental review process

How were the Proposed Study Areas Developed?

- Identified needed electricity delivery points
- Considered several factors between delivery points, including minimizing crossing:
 - Steep slopes and highly visible areas
 - Residences and the human-built environment
 - Wetlands and wildlife habitat, and other sensitive environmental resources
- To date we have used publicly-available photographs and information



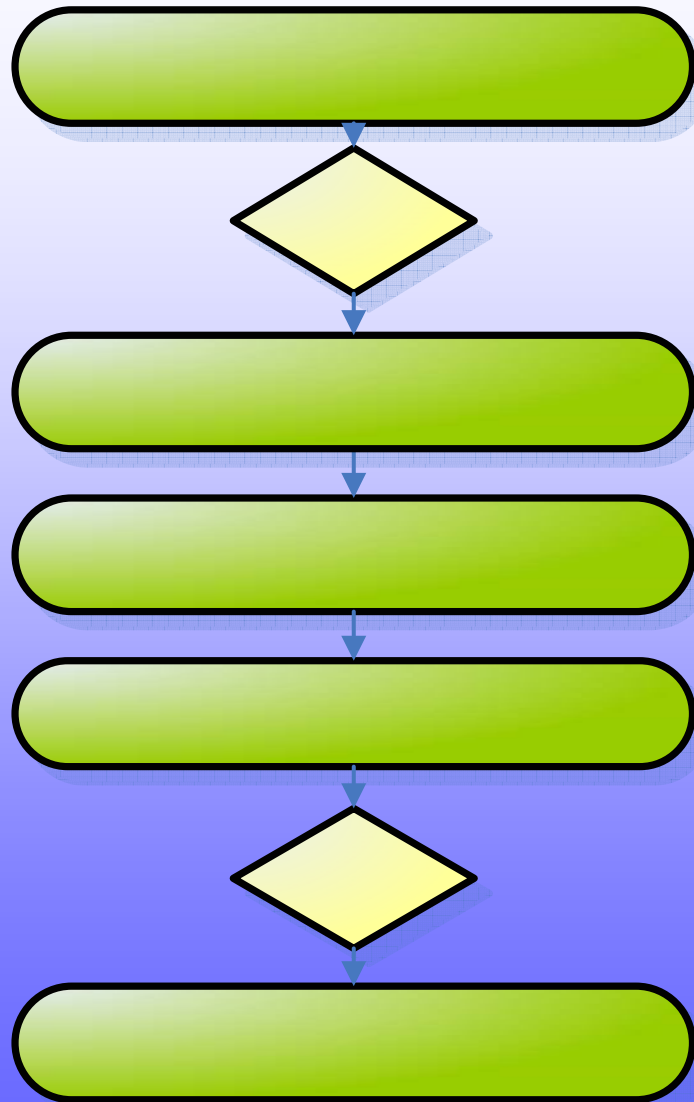
Where are the Preliminary Proposed Study Areas?



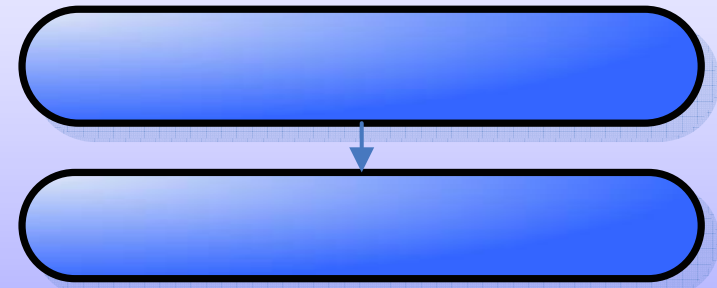
What Concerns Have We Heard?

- Notification and public outreach
 - Extended public scoping period by an additional 90 days and augmented notification process
 - Holding additional meetings with stakeholders and public
- Lack of public input on alternatives
 - TANC commitment to a collaborative process for alternatives modification
- Environmental and health impacts
 - Will be addressed through the Draft EIR/EIS and environmental review process
- Opportunities for co-location
 - Several of the current alternatives are co-located with existing lines
 - Additional opportunities for co-location will be evaluated and considered
- Property impacts
 - TANC/Western will develop and publish an Alternatives Screening Report

Environmental Review Schedule



Proposed additional steps
prior to Draft EIR/EIS



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Contact Information

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For additional information about the **NEPA/CEQA** process, please visit the Western website at:
www.wapa.gov/transmission/ttp.htm or call 916-353-4777.

For additional information about the overall project, please visit the **TANC** website at *www.tanc.us*.