Tehachapi Renewable Transmission Project **MARCH 2011**

From Big Creek to TRTP

With construction of the Tehachapi Renewable Transmission Project (TRTP) underway, SCE's mission to develop a system that will deliver energy to customers from a remote area is reminiscent of a similar major accomplishment just over 100 years ago.

In 1910, the Big Creek Hydroelectric Project began in the inaccessible High Sierra and canyons of California by predecessors of the Southern California Edison Co. Embarking on this monumental effort approximately 300 miles north of the Los Angeles basin, workers used mules for the transportation of tools and equipment, built a railroad in only 157 days to help expedite operations. The end result, the Big Creek project, was completed in 1929 and included a system of six dams, eight tunnels, (one of them 13 miles long), three major artificial lakes, and five powerhouses.

The Big Creek Project has been referred to as "one of the great water power developments in the world." It was created to deliver reliable electric power to a "rapidly growing Los Angles and its Southland Suburbs." Through upgrades at the existing dams and powerhouses, Big Creek continues to deliver electricity to Southern California Edison customers.

This year marks the 125th anniversary of Southern California Edison, and once again the company is successfully undertaking a major construction project. The Tehachapi Renewable Transmission Project will encompass 173 miles of new transmission line from Kern County, over the Angeles National Forest, and will be capable of delivering renewable generated electricity to the Southern California basin.

Back in 1910, Big Creek was referred to as the world's largest hydroelectric development built by a private enterprise. A hundred years later, in October 2010, construction began on the Tehachapi project. It is the world's largest wind and renewable energy transmission project. It's a major part of SCE's ongoing commitment to delivering clean, renewable energy to the customers it serves.

Construction of Shaver Lake Dam at Big Creek, September 1, 1927

Construction of Windhub Substation, February 10, 2011

Did you know?

While TRTP brings an investment of approximately $2.1 billion to the region, creating roughly 1,000 direct jobs and spurring economic activity, the electric system investments proposed by SCE for the years 2010-2014 will have an even bigger impact on California's economy.

Impact of SCE's Proposed Expenditures from 2010 to 2014 on the California Economy	
Additional Jobs Supported Annually	12,760
Increase in Economic Value Added to State Annually	$2.8 billion
Total Economic Value of Proposed Spending	$21.8 billion
Increased Contribution to State and Local Taxes	$1.215 billion

SOURCE: HIS Global Insight

Getting Ready to Go Green: Construction Activities

With the start of 2011, the past few months have seen great progress as construction is well under way in many areas along the project route. Here is a snapshot of the recent progress in bringing TRTP closer to completion – and closer to tapping into clean, renewable wind energy.

steps toward cleaner energy

To prepare for electrical system upgrades as part of TRTP, recent construction activities include the following:

- Removed electrical transmission wire and structures (220 kilovolt; to be upgraded to 500 kilovolt) along the project's Segment 8, which includes the cities of Chino Hills, Chino and Ontario and the Tonner Canyon area of unincorporated Los Angeles County.
- Installed new structures along portions of Segment 8 in Chino, Ontario and Tonner Canyon.

. . .and more to come

This brings SCE closer to delivering clean, renewable energy to your fingertips, yet much work remains. Over the next few months, construction activities in the utility right-of-way corridor will include *(please note that the construction schedule is tentative and may change depending on weather and other factors):*

Continue installing new foundations and structures:

Tonner Canyon: East of the Orange Freeway (57), west of Chino Hills and south of Diamond Bar.

Chino Hills: From the city's western border near Tonner Canyon, proceeding northeast (south of Eucalyptus Avenue) to Peyton Drive, then continuing east to the Chino Valley Freeway (71).

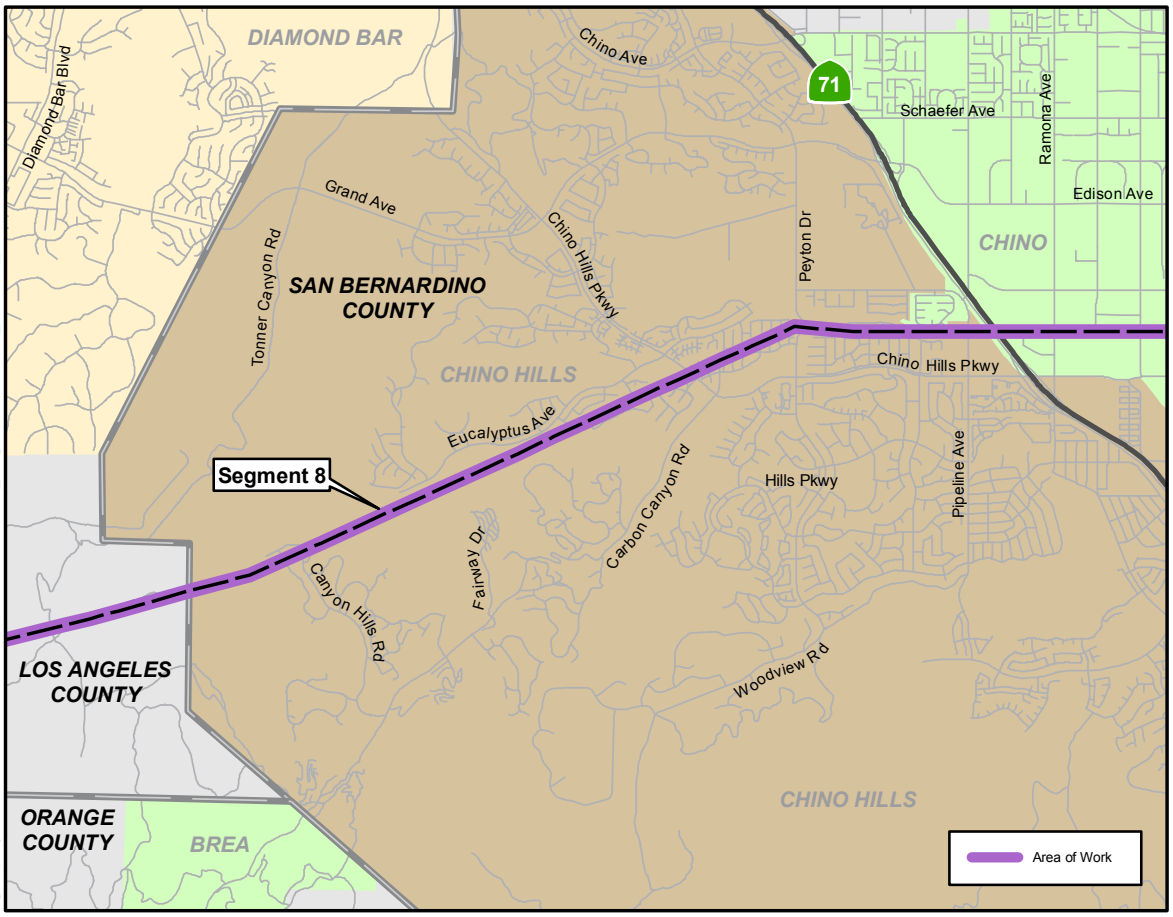
Ontario: Near the intersection of Edison Avenue and Euclid Avenue, heading northeast and continuing north of Black Horse Drive and south of both Clydesdale Street and Thoroughbred Avenue; the route proceeds southeast to SCE's Mira Loma Substation. (Segment 8b).

Begin installing electrical transmission wire:

Chino: From SCE's Chino Substation, located near the intersection of Edison Avenue and Oaks Avenue, proceeding east to Euclid Avenue and continuing through Ontario (Segment 8b).

Ontario: Near the intersection of Edison Avenue and Euclid Avenue heading east and northeast to SCE's Mira Loma Substation, as described above (Segment 8b).

NOTE: *A small helicopter will be used to perform the stringing of new electrical transmission wire.*



Where it's at!

Do you know that you can look up the location of your address in relation to the TRTP project route? To view your address and the TRTP project location, visit ***www.sce.com/tehachapi*** and click on "**Look Up My Address.**"

Anticipated Project Schedule

2011	Construction of all segments (4-11) underway
2015	Project completed

Please note that the construction schedule is preliminary and may change depending on weather and other factors.

SCE's Commitment

SCE remains committed to working with communities along the project area to reduce, to the extent possible, the impacts of construction and minimize any inconvenience to residents and businesses during construction. SCE will:

- Limit construction hours to comply with all relevant local regulations to the extent feasible; a variance may be obtained in the event that construction must occur outside the allowable work hours.
- Implement dust control, noise abatement and other environmental protection measures.
- Provide prior notification to affected property owners of construction activities.
- Provide information to local communities on street closures or other activities that could temporarily limit access for area residents and businesses.
- Provide contact information for SCE personnel who are available to answer questions that may arise during construction.
- Ensure a safe and secure work environment during construction activities.

If you have any questions about the scheduled work or other project-related activities in your neighborhood, please contact us at the project hotline at **(877) 795-8787** or visit the TRTP web site at ***www.sce.com/tehachapi***.

Tips for Minimizing Construction Impacts

In addition to SCE efforts to minimize the impacts to residents and businesses during construction, here are some simple tips that may help you reduce construction disturbance:

Close all windows and doors facing the construction area in order to reduce noise and dust.

Watch for information updates in the form of mailers, door hangers, etc. to ensure you have the most up-to-date information about construction activities taking place in your area.

Project Elements in Region

Segment 8

Rebuild an existing electrical line (from 220 kV to 500 kV) from two miles east of Mesa Substation in Monterey Park to Mira Loma Substation in Ontario.

Rebuild an existing electrical line (220 kV) to double-circuit (structures with two electrical circuits, each having three wires) between Chino and Mira Loma Substations (segment 8b).

Install a new electrical line on the new double-circuit (8a) for a portion of the route – from Chino Substation to Mira Loma Substation (segment 8c).

Reroute subtransmission electrical lines (66 kV).

Segment 9

Upgrades to Mira Loma Substation.

Various

Install associated telecommunications infrastructure.

For More Information

Project Web site:
www.sce.com/tehachapi

SCE's 24-hour toll-free line:
(877) 795-8787

E-mail:
TehachapiRenewableTransmission@sce.com

During standard business hours:

Chino, Chino Hills:
Lydia Roman (909) 930-8501
Lydia.Roman@sce.com

Ontario:
Christian Nelson (909) 930-8495
Christian.Nelson@sce.com

Emergency Number:
For construction-related emergencies, please call the SCE emergency line at (800) 611-1911

Important information about the Tehachapi Renewable Transmission Project

SOUTHERN CALIFORNIA EDISON®
An EDISON INTERNATIONAL® Company

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Celebrating 125 Years
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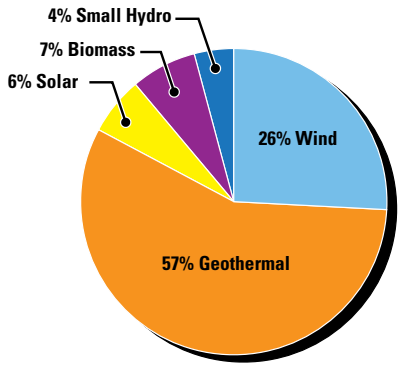
Project At-A-Glance

The Tehachapi Project is a series of new and upgraded transmission facilities, spanning approximately 173 miles, to deliver electricity from renewable wind energy generators in Kern County south through Los Angeles County and east to the existing Mira Loma Substation in Ontario, San Bernardino County.

About Southern California Edison

SCE serves a population of nearly 14 million via 4.9 million customer accounts in a 50,000-square-mile service area within Central, Coastal, and Southern California. In order to continue powering Southern California's growing population and economy, the utility plans to invest approximately $21.5 billion over the next five years to expand and strengthen its electric system infrastructure.

SCE is leading the way as the nation's biggest purchaser and provider of renewable energy. In 2009, the utility delivered approximately 13.6 billion kilowatt-hours of renewable energy to customers, about 17 percent of the total energy we deliver.



SCE's Renewable Energy Portfolio

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