



CONSTRUCTION UPDATE

Tehachapi Renewable Transmission Project

500 kilovolt (kV) Underground

October 16, 2014

Dear neighbor,

We're writing to provide you with an important update about the Tehachapi Renewable Transmission Project (TRTP) and construction activities in your area.

Construction of the underground portion of TRTP through Chino Hills and Chino is underway. Last month, our crews surveyed the right of way and began staking, fence installation, and clearing the right of way. Much of this work is still in progress.

In this note to you, we have information on additional work that SCE will be starting in the weeks ahead.

Thank you for your understanding and cooperation as our project personnel work as safely and quickly as possible to complete these important electric system upgrades.

For More Information

Give us a call, send an e-mail or visit our web site if you have questions about construction related activities.

Project hotline: (877) 795-8787
E-mail: trtp@sce.com
Project web site: www.sce.com/trtp

Sign up to receive e-mail updates. Sign up is easy. Just e-mail trtp@sce.com, type "E-mail updates" on the subject line, and send. We'll provide you with updated construction information, as well as construction related street impacts.

Helpful steps to minimize impacts

SCE understands that construction may be disruptive to daily activities of residents and area businesses. SCE and its contractors are taking steps to minimize potential dust impacts. A water truck will be on the utility right-of-way to help control fugitive dust. If at any time you have concerns, please give us a call. In addition, to help minimize dust or noise from these project activities, residents may choose to close windows or doors facing the construction area and cover items such as vehicles and swimming pools.

- Approximate hours: **Chino Hills locations*:**
Mon-Fri: 7 am – 7 pm
Sat: 8 am – 6 pm
- Chino locations*
(west of Pipeline Ave):**
Mon-Sat: 7 am – 8 pm

** Hours in accordance with local ordinances. Construction schedule may change due to weather and other factors, including the potential for work during extended hours and on Sundays if needed.*

** Periods of night work will occur at the Eastern Transition Station, between Pipeline Avenue and the 71 Freeway. Night hours will be 7 pm – 5 am, Mon-Sat.*

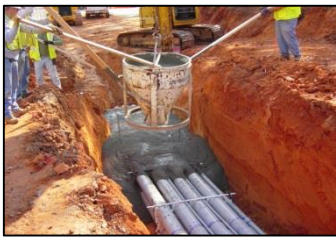
TRTP 500kV Underground Construction Work Scheduled for 2014

Fence installation

We're working to ensure the safety of both the public and project personnel in the project area. Chain-link fencing is currently being installed along the construction area in Chino Hills and Chino (including portions of trails and parks that enter into the utility right-of-way corridor) to ensure the public stays safe during construction. Please observe all caution signs, traffic safety measures and safety personnel when you are near the project area. Never enter construction areas, even at times when construction is not occurring.

Grading

Grading generally refers to excavating or filling of material to create an engineered surface to support structures. This work is usually performed using heavy construction machinery. Grading work will take place at several locations throughout the project's 500kV underground route. A significant amount of grading work will occur at the western transition station site, southwest of the western end of Eucalyptus Avenue.



Trenching

Excavation will be conducted throughout the underground project route to support installation of underground electric transmission wires and structures. Underground wires will be installed underground in conduits (PVC tubes) that are grouped in duct banks and encased in concrete. Trenching work will be done using heavy construction equipment, including excavators and loader equipment.

Splice Vaults and Restraint Vaults

Cables are spliced (joined together) in vaults. Vault clusters (VC) will be installed at several locations throughout the underground project route. Due to areas of hilly terrain, Restraint Vaults (RV) will be installed to provide additional cable support. The picture on the right depicts one splice vault fabricated in sections.



Horizontal Directional Drilling (HDD)



HDD is a method of installing underground utilities when trenching work is impractical to perform. The underground portion of the project will require two HDD sites along the route.

←Typical HDD set up

Demolition Work

Demolition work will take place at the location of the eastern transition station, located between Pipeline Avenue and the Chino Valley Fwy (71). **There will be periods of night work at this location in order to reduce construction noise impacts to the Montessori School of Chino Hills.**

NOTE: Throughout construction of the TRTP 500kV underground project, there will be periods of temporary lane closures and traffic control. For more information, please contact us or sign up to receive construction updates by e-mail.

TRTP 500kV Underground Overview

