

Tehachapi Renewable Transmission Project

500kV Underground Eastern Transition Station

Frequently Asked Questions (FAQ)

Q: What is the Tehachapi Renewable Transmission Project?

A. The Tehachapi Project is a series of new and upgraded electric transmission facilities. The project is designed to add capacity to the region's power grid system for delivering power from remote areas in Kern County to populated urban areas in Los Angeles and San Bernardino Counties. It is one of the first major utility projects in California to deliver power from renewable energy generators, such as wind and solar, to help meet California's renewable energy goals. When completed, the system upgrades will enable SCE to deliver up to 4,500 megawatts of electricity, enough energy to power approximately three million homes.

Q: Who approved the Tehachapi project?

A: The project was approved in December 2009 by the California Public Utilities Commission (CPUC), the state regulatory agency who has jurisdiction over the development and construction of such electric infrastructure projects. In July 2013, the CPUC directed SCE to construct a 3.5 mile section of the project underground in portions of Chino Hills and Chino.

Q. What is the Eastern Transition Station?

A. Transition stations are facilities that allow overhead lines to transition to underground conduits. Two transition stations will be built to support the TRTP 500kV underground line: the Western Transition station (located at the western end of Eucalyptus Avenue in Chino Hills) and the **Eastern Transition Station (located on the east side of Pipeline Avenue in Chino Hills).**

Q. How big will the Eastern Transition Station be?

A. The Eastern Transition Station will be approximately 3 acres in size.

Q. What type of equipment will there be in the Eastern Transition Station?

A. The Eastern Transition Station will house electrical equipment and facilities to support normal operation of the circuits. Some equipment inside the transition stations will be approximately 108 feet in height. In addition, a new 500 kilovolt lattice steel transmission structures will be built adjacent to the transition station to feed the overhead wires into the station. The tower will be approximately 165 feet tall.

Q. How will the Eastern Transition Station be closed off to the public?

A. The Eastern Transition Station will be enclosed on all sides by an eight-foot perimeter wall, which will be permanent. The final location of the wall will be approximately 4 feet from the property line. A temporary, 6 foot high chain link fence will also be installed around the construction site around the perimeter of the station wall to ensure the safety of both the public and project personnel.

Q: How much noise will there be during construction of the Eastern Transition Station?

While sound from construction-related activities is unavoidable, SCE crews and contractors will take all reasonable steps to minimize this impact. Construction will be performed during the permitted hours listed below; however, there will also be nighttime construction work at this location in order to reduce construction noise impacts to the Montessori School of Chino Hills. In addition, sound mitigation material will be installed on the 6 foot high chain link fence.

Q: When will the construction of the Eastern Transition begin and what hours will crews be working?

Construction of the Eastern Transition Station is currently underway and is expected to be completed by 2nd Quarter 2016.

Construction is expected to occur during the following hours in accordance with city ordinances:

Day work: Mon- Sat: 7 a.m. – 8 p.m.

Night work: Mon-Fri: 7 p.m. – 5 a.m.

This construction schedule is tentative and may change due to weather and other factors.

Q: Will construction create dust?

While dust is a part of construction and cannot be completely eliminated, dust control measures will be implemented during construction, including the use of water trucks to spray work sites to reduce dust. If at any time you have any concerns, please call us at the project hotline number located below.

Q: Will traffic be affected by this construction project?

While construction of the Eastern Transition Station continues, there may be short periods of traffic lane closures due to construction activities and large equipment deliveries. The sidewalk will remain open during construction. *Please note: There will be temporary traffic lane closures on Pipeline Avenue related to construction of the underground transmission lines.* For more information on this, please visit the project website listed below.

More Information

We're here to answer your questions. Give us a call, send an e-mail or visit our web site for more information:

Project hotline: (877) 795-8787

E-mail: trtp@sce.com

Project web site: www.sce.com/trtp



Simulated view looking southeast from Pipeline Avenue toward the proposed Eastern Transition Station in Chino Hills as part of TRTP 500 kV Underground.



Simulated view looking northwest from State Route 71 toward the proposed Eastern Transition Station as part of TRTP 500 kV Underground.