

Sycamore to Penasquitos 230kV Transmission Line
List of SDG&E Projects within One-Mile Radius for Cumulative Impact Analysis

Project Name	Summary Project Description/	Anticipated Construction Schedule	
		Begin	End
TL 670 Clairemont to Mission Re- conductor	The Tie-line (TL) 670 project is a power line project that involved the stringing of approximately 8 miles of new conductor on existing steel pole and tower structures along TL13810 and TL13827 from Clairemont to Friars, Friars to Mission, respectively.	Aug 2013	Dec 2014
Fanita Junction Enhancement TL13821/22/28	The Fanita Junction project is a power line project that will create two 138kV circuits, Sycamore Canyon to Carlton Hills Substations and Sycamore Canyon to Santee Substations and eliminate the existing Sycamore Canyon ring bus configuration. The project will also harden existing 138 kV lines in the Fire Threat Zone (FTZ).	Aug 2014	Oct 2015
TL 664/668 Miramar Wood to Steel	The TL 664/668 project will replace existing wood poles with steel direct burial and pier foundation structures.	Mar 2015	May 2015
TL 600 Reliability Pole Replacements	The TL 600 project will replace an existing 33 transmission structures on TL600.	Feb 2013	Oct 2015
TL 6912 Wood to Steel	The TL 6912 project will replace existing wood poles with new steel structures along segments of TL 6912.	Apr 2016	Aug 2016

Sycamore to Penasquitos 230kV Transmission Line
List of SDG&E Projects within One-Mile Radius for Cumulative Impact Analysis

Project Name	Summary Project Description/	Anticipated Construction Schedule	
		Begin	End
TL 690A Wood to Steel	The TL 690A project will reconductor TL 690A for load increases and replace existing wood poles with new steel structures along segments of TL 690A. All dates are estimated and subject to change.	Feb 2016	May 2016
TL 697 Wood to Steel	The TL 697 project will replace existing wood poles with new steel structures along segments of TL 697. All dates are estimated and are subject to change.	Feb 2016	Apr 2016
TL 676 Mesa Heights to Mission Reconductor	The TL 676 project will reconductor a portion of TL 676 from the Mission to Mesa Heights Substation.	Dec 2015	May 2016
TL 6906 Loop-In Mesa Rim	The TL 6906 project will create a loop-in on TL6906 from the Mesa Rim to Penasquitos Substations and from the Mesa Rim to Miramar Substations.	Mar 2016	Aug 2016
TL 663 Kearny to Mission Reconductor	The TL 663 project is a power line project that involves overhead and underground work. The overhead work entails re-conductoring the overhead line. The underground portion of the project requires pulling new cable through existing ducts to create twin bundled 1750MCM Cu cable and undergrounding the overhead portion on Murphy Canyon Road to Clairemont Mesa to Kearny Sub.	Feb 2016	Sep 2016

Sycamore to Penasquitos 230kV Transmission Line
List of SDG&E Projects within One-Mile Radius for Cumulative Impact Analysis

Project Name	Summary Project Description/	Anticipated Construction Schedule	
		Begin	End
TL 23001/04 Wood to Steel	The 23001/04 project will replace existing wood structures with steel poles that support TL23001 and TL23004 between the San Luis Rey and Mission Substations.	Oct 2017	Apr 2018
TL 674A Reconfiguration /TL666 RSF	The TL 674A Reconfiguration project is a power line project that will eliminate the need for ongoing O&M work in environmentally sensitive areas (San Dieguito Lagoon, Torrey Pines State Park and Los Penasquitos Lagoon) by removing 8 miles of TL666D from service. Install a new one mile underground 69kV transmission line segment along Via de la Valle, which will provide a new TL connecting the Del Mar Substation to the North City West Substation. This will replace the existing TL 674A tap that will be eliminated in Phase II as part of the Rancho Santa Fe Tap reconfiguration.	Sept 2017	May 2018
TL 639 Elliott to Sycamore Canyon Wood to Steel	The TL 639 Wood-to-Steel project is a power line project that will replace existing wood structures with new steel structures. This project will replace existing wood structures along an approximately 8.14-mile segment of TL 639 between the Sycamore Canyon and Elliot Substations.	Sept 2017	May 2018
TL 6916 Sycamore Canyon to Scripps Wood to Steel	The TL 6916 Wood-to-Steel project is a power line project that will replace existing wood structures with new steel structures along segments of TL 6916 located between near the Sycamore Canyon Substation. The project spans approximately 4.77 miles.	Sept 2018	Jan 2019

Sycamore to Penasquitos 230kV Transmission Line
List of SDG&E Projects within One-Mile Radius for Cumulative Impact Analysis

Project Name	Summary Project Description/	Anticipated Construction Schedule	
		Begin	End
TL13804 Wood to Steel	The TL 13804 project replaced existing wood structures with new steel structures along segments of TL 13804 between the Encina and Penasquitos Substations. The project spanned approximately 7 miles of power line.	July 2012	Jan 2013
TL 13825 Wood to Steel	The TL 13825 Wood-to-Steel project will replace existing wood structures with new steel structures along TL 13825 between Black Mountain Ranch Community Park and the Meadowlark Junction.	TBD	TBD
Sunrise Powerlink	The Sunrise Powerlink project included the construction of a new double-circuited 230kV transmission line that includes both overhead and underground segments from the new Suncrest Substation to the Sycamore Canyon Substation.	Sept 2010	June 2012
Sunrise Powerlink – Substation Work (SX & SA)	The Sunrise Powerlink substation scope of work included adding a 230/69kV transformer at the Sycamore Canyon Substation, and adding a 230/69kV transformer at the San Luis Rey Substation	Oct 2010	Nov 2013
TL 6913 Pomerado- Poway	The TL 6913 project will convert an existing single circuit 69kV power line to double circuit 69kV powerline between the Pomerado and Poway Substations.	TBD	TBD