

11256 Laurelcrest Drive
San Diego, CA 92130
November 2, 2015

California Public Utilities Commission
One Embarcadero Center, Suite 740
San Francisco, CA 94111

Dear CPUC:

I am writing you to comment on the Sycamore-Peñasquitos 230-Kilovolt (kV) Transmission Line Project, and specifically the Environmental Impact Report.

I am a homeowner near Segment D of this project. Segment D is shown in blue in Figure 1 below.

Figure 1.1-2 Project Alignment Overview

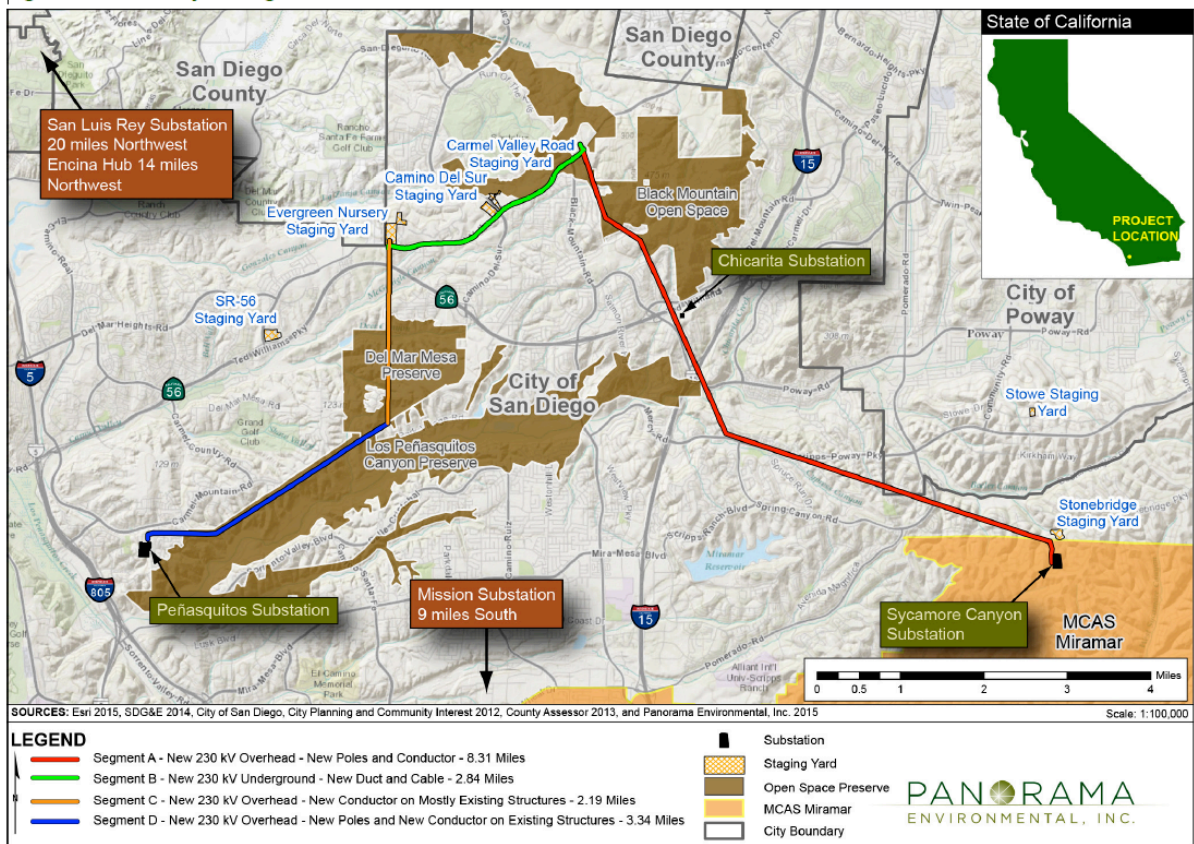


Figure 1 Project Overview

In one small 100' section of Segment D, there is an area of residential housing that is very close to the existing overhead power lines (as well as the proposed 230kV overhead lines). This section runs East-West along my street (Laurelcrest Drive). This section is shown in blue in Figure 2 below.



Figure 2 Location Of Existing and Proposed Overhead Power Lines Near Laurelcrest Drive

This 100' section of existing overhead power lines runs as close as **30'** from existing backyards, and **50'** from existing housing, as can be seen in Figure 2. The homeowners in this section, myself included, have a very real and understandable concern about the potential health risks of high EMF exposure. On Feb 11 2010, SDG&E measured my property for EMF levels from the existing overhead power lines. This report is shown in Figure 3 below. SDG&E reported an EMF field in my backyard of up to 3.84 milligauss at the southern edge of my property (closest to the existing power lines), and up to 1.56 milligauss at the northern edge of my property (furthest from the existing power lines). This clearly shows that the existing power lines are causing substantial and measureable EMF on my property. This already-high EMF level will get even worse if this project is approved as-is, due to the substantial increase in electric current from the proposed 230kV transmission lines as well as the relocating of some existing cables northward (even closer to my home) by a substantial distance.

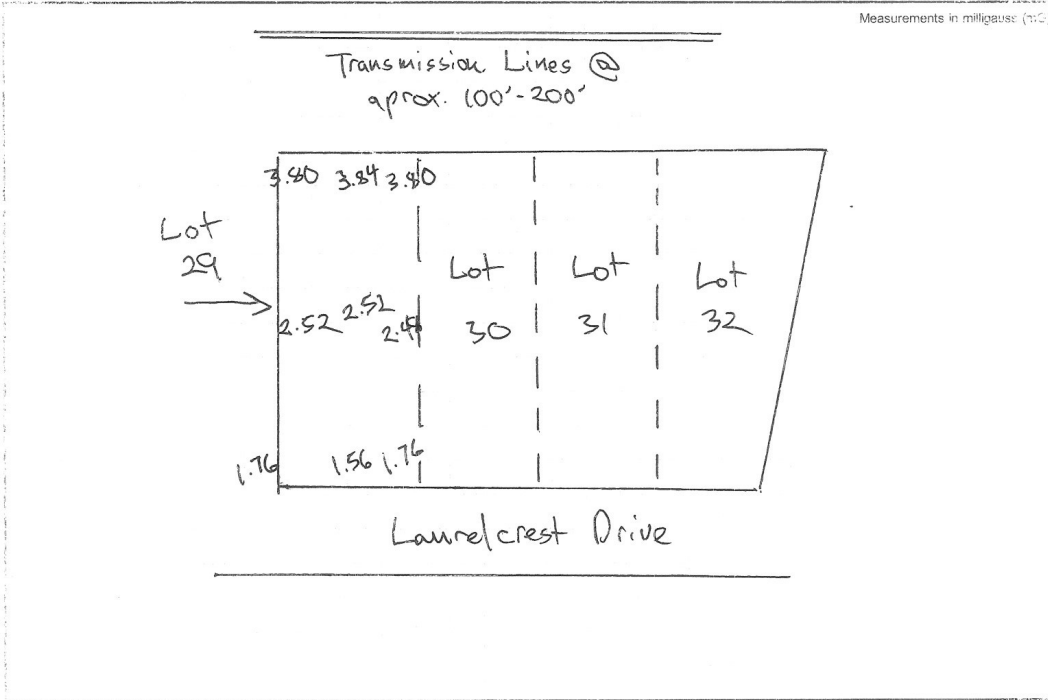
SDGE **EMF MEASUREMENT DATA** DATE (MM/DD/YY) 02/11/10 TIME (HH:MM) 1:10p.m.

Sempra Energy utility CUSTOMER INFORMATION Residential Commercial Other _____ SDG&E PERSONNEL

NAME	Pardee Homes - Carriage Run			NAME	Josh M.
ADDRESS	Laurelcrest Drive - Lot 29			DEPT.	Marilyn D.
CITY	S.D.	PHONE	(619) 259-0971	E-MAIL	
				PHONE	(619) 650-4012

MAGNETIC FIELDS ARE CREATED BY THE MOVEMENT OF ELECTRICITY (CURRENT) AND WILL VARY DEPENDING ON THE AMOUNT OF ELECTRICITY BEING USED AT ANY GIVEN TIME. THE MEASUREMENTS RECORDED ON THIS FORM REPRESENT ONLY THE FIELD LEVELS AT THE DATE AND TIME OF THIS MEASUREMENT AND MAY REFLECT A VARIETY OF SOURCES. THESE SOURCES MAY INCLUDE NOT ONLY POWER LINES, BUT HOME APPLIANCES, HOUSE WIRING AND PLUMBING.

SAN DIEGO GAS & ELECTRIC PROVIDES MEASUREMENTS UPON REQUEST AS A CUSTOMER SERVICE, ALTHOUGH THE CURRENT HEALTH SCIENCE DATA DO NOT PROVIDE A BASIS FOR INTERPRETING THE SIGNIFICANCE OF THESE MEASUREMENTS.



INDOOR (mG)		OUTDOOR (mG)		OPTIONAL MEASUREMENTS (mG)		
ROOM OR LOCATION	CENTER	(I) CORNER 1		APPLIANCE	1 INCH	1 FOOT
(A) FRONT DOOR		(J) CORNER 2				
(B) FAMILY/LIVING ROOM		(K) CORNER 3				
(C) KITCHEN		(L) CORNER 4				
(D) BEDROOM 1		AVERAGE				
(E) BEDROOM 2		NOTES: Empty Lot				
(F) BEDROOM 3				OTHER		
(G) BEDROOM 4						
(H)						
AVERAGE						

126-04244 (3/05)

Figure 3 Current EMF Measurements from SDG&E at my address (Lot 29)

These changes represent a very real health concern for me and my family, as well as my neighbors. Increasing the EMF levels will also result in a lowering of property values in the area.

As you know, since 1967 the CPUC has required that all new electric service connections be placed underground, and has a program to finance the undergrounding of existing electric distribution lines. These are sound policies. Placing new, high-voltage power lines above-ground only tens of feet from people's homes is not in keeping with the spirit and goal of the California undergrounding movement.

I would respectfully ask the Commission to seriously consider undergrounding as much of this project as possible near the affected area in Figure 2. There are 2 "Alternatives" identified in the EIR that would help mitigate this EMF exposure:

1. Alternative 4 would take 2 existing 69kV circuits off the towers near the affected area, and instead underground them along Carmel Mountain Road. This frees up space on the existing steel poles to run the new 230kV lines without needing to add any new poles. I see 2 negatives with this approach:
 - a. This would actually **increase** the net EMF exposure in the affected area.
 - b. This would leave the existing wooden poles and lines in-place (just de-energized), which is an aesthetic negative.To improve Alternative 4, I would ask the Commission to consider also undergrounding the new 230kV lines along the same route as the 69kV lines. This would greatly reduce EMF pollution in the affected area. I would also suggest that SDG&E remove any old, de-energized poles and lines for aesthetic reasons.
2. Alternative 5 would reroute the new 230kV lines mostly underground, through Mira Mesa. This would avoid adding to the existing power lines near the above affected area (however as I understand it all the existing power lines would remain).

Either of these alternatives would be improvements over SDG&E's current, default plan.

Thank you very much for your time and consideration, and all the hard work you are doing.

Respectfully,

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