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**PUBLIC UTILITIES COMMISSION**505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298

Ms. Linda Wrazen  
Regulatory Case Administrator  
San Diego Gas & Electric  
Southern California Gas Company

April 26, 2010

(Sent via email: lwrazen@semprautilities.com)

***Subject: Data Request No. 6 – San Diego Gas & Electric (“Applicant”), East County Substation Project (CPCN Application No. 09.08.003)***

Dear Ms. Wrazen:

The California Public Utilities Commission (CPUC) has identified additional information required in support of the East County Substation, Tule Wind, and Energia Sierra Juarez Gen-Tie Projects EIR/EIS analysis. Please provide requested information in Attachment A regarding additional information in support of the alternatives analysis. We would appreciate your response to this data request no later than May 7, 2010.

If you have any questions regarding this letter or need additional information, please contact me at 415.355.5580 or [aei@cpuc.ca.gov](mailto:aei@cpuc.ca.gov).

Sincerely,

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Iain Fisher  
Energy Division  
California Public Utilities Commission

### **138 kV Transmission Line Alternatives**

We are currently evaluating two alternatives for the 138kV line between the ECO substation and Boulevard substation. The first alternative would install the proposed 138 kV transmission line along Old Highway 80 where it would follow and overbuild an existing electrical distribution line (See Figure C-1). The proposed Old Highway 80 segment would connect the 138 kV transmission line from near the intersection of Highway 80 and the SWPL ROW to the Boulevard Substation. The proposed Old Highway 80 segment of the 138 kV transmission line would run northwest of SWPL for approximately 4.8 miles parallel to Old Highway 80, through the unincorporated communities of Bankhead Springs and Boulevard. Overbuilding along the distribution line would require the removal and replacement of wooden poles with taller, steel poles. The new poles would support the existing distribution lines on the lower arms of the structures, with the 138 kV transmission line on the upper arms. Total length of the proposed 138 kV transmission line would be 10.6 miles, compared to the proposed 13.3 mile long 138 kV transmission line.

The second alternative would be along the same route as described above with the exception that the proposed 138 kV transmission line would be installed underground within the existing ROW along Old Highway 80 (See Figure C-1). Installation of the new 138 kV line underground along the existing ROW would include the removal of wooden poles and the transfer of existing distribution lines to underground conduit.

With respect to both options please identify any issues with respect to other non-SDG&E utilities that may be on the existing distribution pole line.

With respect to the first (aerial) option please describe the existing ROW or easement. If the route is owned by SDG&E how wide is the ROW and is it suitable for the proposed 138kV line? If the route or a portion of it would have to be acquired by SDG&E what route specific obstacles would SDG&E envision? Would the proposed route need to be altered to avoid existing residences or other buildings? Also, please provide a typical pole type required for this alternative.

With respect to the second (underground) option please provide information regarding the existing ROW or easements suitability for the undergrounding of the 138kV and distribution line. Should the existing ROW easement not be suitable please explain what the shortcomings are and what is required to provide suitable ROW for an underground 138kV line as described above.