
PUBLIC UTILITIES COMMISSION505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

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

April 15, 2010

(Sent via email: lwrazen@semprautilities.com)

Subject: Data Request No. 5 – 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 April 29, 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.

Sincerely,

Iain Fisher
Energy Division
California Public Utilities Commission

Transmission Alternatives

As a result of recent comments received, Commission staff is assessing the merits of a project alternative that would eliminate the proposed ECO Substation and replace it by connecting the generation that would have been connected to the ECO Substation to the existing Comision Federal de Electricidad (CFE) 230kV lines that run from the La Rosita and Rumorosa area to the Tijuana area and into Miguel. With respect to this proposed alternative please provide the following information.

1. How much wind capacity could the existing 230kV CFE system deliver into the SDG&E system, assuming applicable system reliability requirements are maintained? Please fully explain the reliability criteria used to determine the system capability and any limiting contingencies.
2. How much additional capacity could be incorporated into the existing CFE 230kV system through a) reconductoring utilizing conventional conductor or b) through application of composite conductor technology.
3. Please address the feasibility of rebuilding the 230kV existing lines in order to accomplish the interconnection of the anticipated wind capacity.
4. What protocols and/or legal requirements would need to be addressed with CFE in order to accomplish such an alternative?
5. Please identify any other concerns (other than issues related to the Boulevard area and associated wind generation) that may limit or otherwise impede such an alternative.