STATE OF CALIFORNIA Arnold Schwarzenegger, *Governor*

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

May 15, 2007

Mr. Kevin O'Beirne
San Diego Gas & Electric Company
8830 Century Park Court – CP32D
San Diego, CA. 92123

Re: Data Request #12 for the SDG&E Sunrise Powerlink Transmission Project, Application No. 06-08-010

Dear Mr. O'Beirne:

The California Public Utilities Commission's (CPUC) Energy Division has reviewed the documents and materials that SDG&E has provided including the Proponent's Environmental Assessment (dated August 4, 2006), the Application Supplement Materials (dated September 1, 2006), and SDG&E's Response to Data Requests No. 1 through 11. During the analysis of the aforementioned materials and in our preparation of EIR/EIS sections, we have identified additional items that require information from SDG&E. Additional data requests may be necessary to address alternatives and other CEQA/NEPA topics. This letter constitutes Data Request No. 12.

We would appreciate your prompt response to this request, which will allow us to maintain our current EIR/EIS schedule. We request that the response to these requests be provided to us by the following dates:

- PD-21 (water and solid waste) and ALT-84 (tower and access road locations): May 25, 2007
- PS-3 (EMF data): June 1, 2007

Please submit one set of responses to me and one to Susan Lee at Aspen in San Francisco, in both hard copy and electronic format. Any questions on this data request should be directed to me at (415) 703-2068.

Sincerely,

Billie C. Blanchard, AICP, PURA V
Project Manager for Sunrise Powerlink Project
Energy Division, CEQA Unit

Attachment

cc: Sean Gallagher, CPUC Energy Division Director
Ken Lewis, CPUC Program Manager
Steve Weissman, ALJ
Traci Bone, Advisor to Commissioner Grueneich
Nicholas Sher/Jason Reiger, CPUC Legal Division
Lynda Kastoll, BLM
Susan Lee, Aspen Environmental Group

Sunrise Powerlink Transmission Line Project
Data Request No. 12

Project Description

PD-21 a. Please provide daily and total estimated water usage and solid waste generation for the project during construction and on a link-by-link basis. Water usage for dust control should be presented separately.

b. Please provide estimated water usage during operations and maintenance activities, such as insulator washing.

Alternatives

ALT-84 a Please provide preliminary engineering (tower locations) for the overhead 230 kV portions of the **Partial Underground 230 kV ABDSP SR78 to S2 Alternative**, as defined in the March 16, 2007 Notice and in GIS shapefiles to be provided separately to Arcadis (please wait for a new shapefile; do not use earlier versions).

b. Please also provide preliminary definition of access roads and other areas of impact (pull sites, staging areas) for the **Partial Underground 230 kV ABDSP SR78 to S2 Alternative.**

EMF / Public Health and Safety

PS-3 In order to illustrate the change in magnetic field where there is an existing transmission line, we need baseline field data in addition to the Proposed Project data that was provided in the CPCN Application. Please fill in the missing data (where "need" is written) on the two attached tables. In addition, please verify that the data we have presented, which was obtained from SDG&E's Application, is accurate.

Table 1. Magnetic Field Levels (mG) – 500 kV Segments

		Left Side of ROW			Right Side of ROW		
MP	Description & Approx. Location	Existing	Proposed	Change	Existing	Proposed	Change
0-4	IV Sub to MP 4 , 600 ft ROW (500 kV adjacent to/north existing 500 kV SWPL 150 ft lattice towers)	Need	42	Need	Need	44	Add
4-7.6	West of Seeley, 150 ft ROW (500 kV in new corridor; 150 ft lattice towers)	0	41	+ 41	0	43	+43
7.6-20.5	Agricultural area,150 ft ROW (500 kV in new corridor; 160 ft steel poles; 5 160 ft lattice towers at angles)	0	28	+ 28	0	26	+26
20.4-37.7	IID corridor, 200 ft ROW (500 kV adjacent to/east of IID 161 kV; 150 ft lattice towers)	Need	41	Need	Need	43	Need
37.7-47.3	Hwy 78, 200 ft ROW (500 kV; 150 ft lattice towers)	0	41	+ 41	Need	43	Need
47.3-50.1	South of Hwy 78+IID, 200 ft ROW (500kV adjacent to/east of IID 92kV; 150 ft lattice towers)	Need	41	Need	Need	43	Need
50.1-54	South of Hwy 78, 200 ft ROW (500 kV in new corridor; 150 ft lattice towers)	0	41	+ 41	Need	43	Need
54-60.9	East of ABDSP, 200 ft ROW (500 kV adjacent to/south of IID 92 kv; 125 ft lattice towers)	Need	41	Need	Need	43	Need
60.9-68.2	ABDSP: Old Kane Springs Road (150 ft ROW; 500 kV and 92 kV collocated on same towers; 125 ft lattice towers)	Need	42	Need	Need	38	Need
68.2-69.7	ABDSP: East of Narrows Substation 150 ft ROW (500 kV overhead; 92 kV underground in Hwy 78, 125 ft H-frame towers)	Need	68	Need	Need	70	Need
69.7-74.8	ABDSP: West of Narrows Substation 150 ft ROW (500 kV overhead; 69 kV underground in Hwy 78, 125 ft H-frame towers)	Need	68	Add	Need	70	Add
74.8-83.5	ABDSP: Grapevine Canyon, 200 ft ROW (500 kV and 69 kV collocated on same towers 130 ft lattice towers)	Need	42	Add	Need	38	Add
83.5-87.6	South of Ranchita, 200 ft ROW (500 kV and 69 kV collocated on same towers 130 ft lattice towers)	Need	42	Add	Need	38	Add
87.6-91	San Felipe, 200 ft ROW (500 kV in new corridor; 150 ft lattice towers)	0	41	+41	0	43	+43

Table 2. Magnetic Field Levels (mG) – 230 kV Segment

MP	Description & Approx. Location	Left Side of ROW			Right Side of ROW		
		Proposed			Proposed		
Central Link							
91-97.6	Vista Irrigation District Property (2 - 230 kV in new corridor; 120 ft lattice towers or steel poles)	0	8	+8	0	7	+7
97.6-109.4	Santa Ysabel Valley (2 - 230 kV lines adjacent to relocated SDG&E 69 kV; SRPL: 120 ft steel poles; 69kV: 60 ft steel poles; 400 ft ROW)	0	35	+35	0	14	+14
Inland Valley Link							
109.4-117.2	East of Ramona (2 - 230 kV lines adjacent to/northwest of SDG&E 69 kV (120 ft steel poles), 200 ft ROW)	Need	46	Need	Need	14	Need
117.2-121.9	Mt. Gower/SD Country Estates (2 - 230 kV lines Underground; 60 ft ROW)	0	25	+25	0	25	+25
121.9-136.3	West of Ramona (2 - 230 kV adjacent to/northwest of SDG&E 69 kV (120 ft steel poles), 100 ft ROW)	Need	33	Need	Need	45	Need
Coastal Link							
136.3-142.3	Sycamore Canyon to Chicarita Substation 230 kV collocated with 138 kV, adjacent to/southwest of existing 69/230 kV (120 ft steel poles), 200 ft ROW	Need	8	Need	Need	17	Need
142.3-146.6	Rancho Peñasquitos and Los Peñasquitos Canyon Preserve (230 kV lines Underground; 60 ft ROW)	0	2	+2		2	
146.6-149.9	West of Los Peñasquitos Canyon Preserve 230 kV collocated with 69 kV, adjacent to/south of existing 69/138 kV (120 ft steel poles), 300 ft ROW	Need	3	Need	Need	22	Need
Sycamore Canyon – Elliot 69 kV Reconductor							
N/A	Sycamore Canyon-Elliot Substations Reconductor of existing 69 kV (65-85 ft wood poles)	Need	Need	Need	Need	Need	Need