

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

January 26, 2007

Lawren Minor, P.E.
Project Manager/Contracts
Southern California Edison Company
2244 Walnut Grove Avenue
Rosemead, CA 91770**Re: Request for Information In Support of Analysis of Proposed Sunrise
Powerlink Transmission Project and LEAPS Alternative**

Dear Mr. Minor:

The California Public Utilities Commission's (CPUC) and the U.S. Bureau of Land Management (BLM) are preparing an Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for SDG&E's proposed Sunrise Powerlink Transmission Project. As part of the EIR/EIS preparation process, we are evaluating a wide range of potential alternatives to the project defined by SDG&E. One alternative is the Lake Elsinore Advanced Pumped Storage (LEAPS) Project, and another is the potential to upgrade Path 44. The attached pages document our specific requests.

We would appreciate your prompt response to this request. If possible, please provide me with a copy of this study (request SCE-1) within one week (by February 2, 2007). We would appreciate receiving the response to SCE-2 within two weeks (by February 9, 2007). Any questions on this information 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 Unitcc: 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 to SCE

SCE-1 We are aware that SCE provided the Nevada Hydro Company with a Facilities Study in December of 2006. Our analysis of the LEAPS alternative requires assessment of how that project would affect transmission system reliability, and whether it would require other upgrades to the SCE system that should be considered in our environmental assessment. As a result, we request that you provide me with a copy of that study, both in electronic version and in hard copy. The document may be submitted under Public Utility Code Section 583, which will bind CPUC staff and consultants to confidentiality regarding its contents.

SCE-2 In its study of the "Sun Path Project" dated July 28, 2006, CAISO found that in order to increase the South of SONGS path rating, SCE's Barre-Ellis 230 kV line would need to be upgraded for the loss of SCE's Del Amo-Ellis 230 kV line. According to that report, this line is a limiting factor for the South of SONGS path. Parties in the CPUC proceeding for SDG&E's Sunrise Powerlink project believe that increasing the South of SONGS import limit to the SDG&E territory may be one partial alternative to Sunrise Powerlink. According to the CPUC proceeding for the SONGS Steam Generator Replacement Project, upgrading Barre-Ellis would apparently require increasing the weight bearing capability of the tower system with "interset-towers" (Ex. SCE-5, Witness: P. Arons, A.04-02-026, pp. 15 and 25, February 2004). Parties have also identified looping SCE's existing 220 kV system into Talega as a possible way to increase the South of SONGS import limit to SDG&E.

- 1.) Please describe the physical changes to the SCE transmission system that would need to occur in order to upgrade the Barre-Ellis 230 kV line for the loss of the Del Amo-Ellis 230 kV line. This description should include the following information:
 - a. Text describing the route of the line, tower design, substation changes, and construction timetable.
 - b. Information on any additional towers, current and ultimate corridor design, and construction activities.
 - c. Maps and GIS files for the transmission line route, including data on right-of-way width, tower locations, substations, etc.
- 2.) Please describe how the capacity of the Barre-Ellis 230 kV line could be increased above its 1195 MVA normal rating (described in the CAISO Sun Path Project study) by using high-temperature low-sag or composite material conductors.
- 3.) Please describe the physical changes to the transmission system that would need to occur in order to loop the Viejo-SONGS 220 kV line into the Talega Substation to create a Viejo-Talega line and a Talega-SONGS line. This description should include the following information:
 - a. Text describing the location of the line, tower changes, substation changes, and construction timetable.
 - b. Information on any additional towers, current and ultimate corridor design, and construction activities.

- c. Maps and GIS files for the transmission line route, including data on right-of-way width, tower locations, substations, etc.