

1 Exhibit No.: \_\_\_\_\_  
2 Commissioner:  
3 Administrative Law Judge:  
4 Witness:

5 **BEFORE THE PUBLIC UTILITIES COMMISSION OF**  
6 **THE STATE OF CALIFORNIA**

7 In the Matter of the Application of Southern  
8 California Edison Company (U 338-E) for a  
9 Certificate of Public Convenience and  
10 Necessity Concerning the Antelope-Pardee  
11 500 kV (Segment 1) Transmission Project as  
12 Required by Decision 04-06-010 and as  
13 Modified by Subsequent Assigned  
14 Commissioner Ruling.

Application 04-12-007

15 **TESTIMONY OF ON BEHALF OF Mr. Gary Brown**  
16 **THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR**

17  
18  
19 **Submitted by the California Independent System Operator**

20  
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July 5, 2005



1 Q. Do you use any specialized terms in your testimony?

2 A. Yes. Unless indicated otherwise, capitalized terms have the definitions set forth in the  
3 CAISO Tariff Appendix A: Master Definitions Supplement.

4  
5 **INTRODUCTION AND SUMMARY**

6  
7 Q. How many requests for System Impact Studies/Facilities Studies have been submitted by  
8 wind developers since January 1, 2003? (Number of requests, number of projects, project  
9 size)

10 A. Since January 1, 2003, the CAISO has received from wind developers 21 requests for  
11 Interconnection Studies, relating to 21 Project aggregating 2,695 MW of capacity. If the  
12 time period is extended slightly, to June of 2002 for analytical purposes, which is the time  
13 that the CAISO began managing the generator interconnection queue for transmission  
14 system interconnections, a total of 27 requests for studies along with an equal number of  
15 projects, associated with 3,148 MW of additional capacity have been submitted to the  
16 CAISO by wind developers.

17 Q. How many of the studies referred to above are from the Tehachapi area? (Number, size,  
18 location.)?

19 A. The totals, described in the question and answer above, contain 7 wind projects with a total  
20 capacity of 1,316 MW for the Tehachapi and Antelope Valley resource areas.

21 Q. How many interconnection study requests have been received from renewable sources  
22 generally?

23 A. The CAISO has received 36 interconnection study requests since mid 2002 from renewable  
24 resource developers. The renewable resources in question include wind, biomass, solar, and  
25 geothermal projects. The total capacity addition associated with these projects is 4,112  
MWs.

1 Q. Do the applications indicate whether or not the project has an executed contract? If so have  
2 any of the applicants indicated that they have executed contracts?

3 A. No. There is no indication on the application as currently configured that indicates to the  
4 CAISO whether or not the project has an executed contract.

5 Q. Does the CAISO interconnection process operate in parallel with the participating  
6 transmission owner's ("PTO's") interconnection study process?

7 A. In the event that the Interconnection Customer requests interconnection with the CAISO  
8 Controlled Grid, the CAISO and the PTO interconnection application and study process is  
9 the same. This process is currently described in Section 5.7 (Amendment 39) to the CAISO  
10 Tariff, New Generator Interconnection Process, which has been in effect since June of 2002.  
11 However, the interconnection study process will ultimately change to fit the final compliance  
12 filing of the CAISO in FERC Docket Nos. ER04-445-000 et al., Large Generator  
13 Interconnection Process ("LGIP"). In the event that one is dealing with a request for  
14 interconnection to the PTO's low voltage, sub-transmission or distribution system that is not  
15 a part of the CAISO Controlled Grid, the PTO's Wholesale Distribution Access Tariff  
16 ("WDAT") interconnection study process will be utilized by the PTOs. Requests for  
17 interconnection under the PTO's WDAT are not processed by the CAISO.

18 Q. Have any new wind projects in the Tehachapi area completed interconnection since 2003?

19 A. Yes. One wind powered project referred to as, Eurus Oasis, a 65 MW project in the  
20 Tehachapi area has completed interconnection.

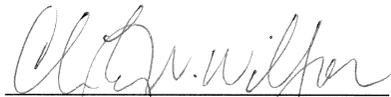
21 Q. Does this conclude your testimony?

22 A. Yes. It does.  
23  
24  
25

**PROOF OF SERVICE**

I hereby certify that on July 6, 2005 I served, by electronic mail, Testimony of Gary Brown on behalf of the California Independent System Operator Corporation in Docket #A.04-12-007.

DATED at Folsom, California on July 6, 2005.



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