

**CALIFORNIA ENERGY COMMISSION**

1516 NINTH STREET - MS-32  
SACRAMENTO, CA 95814-5512

April 10, 2002

Mr. Colin Taylor  
Sacramento Municipal Utility District  
PO Box 15830  
Sacramento CA 95852-1830

**Re: COSUMNES POWER PLANT (01-AFC-19) - DATA REQUESTS, SET 4 (#254-257)**

Dear Mr. Taylor:

Data requests for transmission system engineering are enclosed. As previously discussed, they were not included in Data Request, Set 3, dated April 5, 2002. Please provide written responses to the enclosed data requests on or before May 10, 2002.

If you are unable to provide the information requested, need additional time to provide the information, or object to providing it, then please send a written notice to both the Committee and me within 10 days of receipt of this notice. The notification must contain the reasons for not providing the information, the need for additional time, and the grounds for any objections (see Title 20, California Code of Regulations, section 1716 (f)).

To eliminate confusion when referencing data requests, the enclosed data requests are numbered as a continuation of the data requests submitted on April 5, 2002, and begin with Data Request #254.

If you have any questions regarding the enclosed data requests, please contact me at (916) 654-3929 or at [kchew@energy.state.ca.us](mailto:kchew@energy.state.ca.us).

Sincerely,

-s-

Kristy Chew  
Energy Facility Siting Project Manager

Enclosure – Data Requests #254-257

COSUMNES POWER PLANT (01-AFC-19)  
DATA REQUESTS, SET 4

**Technical Area: Transmission System Engineering**

**Authors:** Henry Zaininger and Laiping Ng

**BACKGROUND**

Staff needs additional documentation and information regarding the System Impact Study and proposed mitigation measures in order to prepare the Staff Assessment for the Cosumnes Power Plant. For the studies requested herein, please use the Roseville Energy Facility (01-AFC-14) November 12, 2002 System Impact Study docketed January 2002.

Please note that staff is advised that the termination configuration of the Roseville Energy Facility project may change (Roseville Energy Facility Data Responses 157-192, dated March 15, 2002). While uncertain at this time it may be necessary to revise the studies requested herein if the Roseville termination configuration changes.

**DATA REQUEST**

254. Please provide stability studies for the transmission facilities with and without the project for both peak and off-peak (light spring) seasons.
255. Please provide fault duty impact studies for the transmission facilities with and without the project for peak conditions.
256. Please identify the proposed and selected mitigation measures for criteria violations. Provide reports or letters from Western Area Power Authority and PG&E demonstrating that the mitigation measures selected in their respective systems will be effective to offset the criteria violations and be implemented before the on-line date of the project.
257. Please provide voltage support analysis, including impacts/benefits of all the proposed generation additions.