

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512



November 9, 1999

Mr. Bill Chilson
Otay Mesa Generating Company, LLC
c/o PG&E Generating
100 Pine St., Suite 2000
San Francisco, CA 94111

Dear Mr. Chilson:

OTAY MESA GENERATING PROJECT DATA REQUESTS

Pursuant to Title 20, California Code of Regulations, section 1716, the California Energy Commission staff requests the information specified in the enclosed data requests. The information requested is necessary to: 1) more fully understand the project, 2) assess whether the facility will be constructed and operated in compliance with applicable regulations, 3) assess whether the project will result in significant environmental impacts, 4) assess whether the facilities will be constructed and operated in a safe, efficient and reliable manner, and 5) assess project alternatives and potential mitigation measures.

Data requests are being made in the areas of: cultural resources, noise, land use, wastewater disposal, biological resources, geological resources, traffic and transportation, hazardous materials handling, socioeconomics, and transmission system engineering. These data requests have been written by the Energy Commission staff, and staff from various San Diego County departments. The Commission staff's data requests are presented first in this package, followed by the County's data requests and comments which are an attachment.

Written responses to the enclosed staff and San Diego County data requests are due to the Energy Commission staff on or before [December 8](#), 1999, or at such later date as may be mutually agreed.

If you are unable to provide the information requested, need additional time to provide the information or object to providing it, you must, within 15 days of receipt of this notice, send a written notice to both Vice Chair David A. Rohy, and me. 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 (e)).

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A publicly noticed workshop is scheduled for November 16, 1999, at the Caltrans District 11 Administration Building in San Diego, California, to discuss and clarify these data requests. Staff will be available to answer questions regarding the data requests and the level of detail required to answer the requests satisfactorily.

If you have any questions regarding the enclosed data requests, please call me at (916) 654-4082.

Sincerely,

Eileen Allen
Energy Facility Siting Project Manager

cc: Otay Mesa Generating Project Proof of Service List
Stella Caldwell, Kern County Planning Dept.
David Lawhead, California Department of Fish and Game
John Hazard, U.S. Fish and Wildlife Service
Larry Tobias, Cal-ISO
Van Hearst, CalTrans

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**OTAY MESA GENERATING PROJECT
DATA REQUESTS
(99-AFC-5)**

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DATA REQUESTS
(99-AFC-5)**

Technical Area: Biological Resources

Author: Rick York

BACKGROUND:

Several sensitive species and their habitats occur in the project area, so the applicant will need to develop a Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) to be implemented during project construction and operation. The final BRMIMP will contain a thorough discussion of the full range of mitigation and monitoring measures the applicant will be required to implement for the proposed project. This document will need to be developed by the applicant and approved by the Energy Commission, the U. S. Fish and Wildlife Service and the California Department of Fish and Game prior to the start of any project-related ground disturbance activity. The Energy Commission is willing to provide a copy of a recent BRMIMP to help in the development of the Otay Mesa Generating Project BRMIMP.

DATA REQUEST

1. Please provide an outline of the proposed BRMIMP to be implemented for the Otay Mesa Generating Project.

**OTAY MESA GENERATING PROJECT
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(99-AFC-5)**

Technical Area: Cultural Resources

Author: Kathy Matthews and Dorothy Torres

BACKGROUND

Appendix J, the Cultural Resources Technical Report (p. J1-15) references 17 Native American reservations in San Diego County. If there is a possibility that the project might impact Native American lands, additional Laws, Ordinances, Regulations and Standards (LORS) may apply. The Cultural Resources Technical Report also indicates that several Native Americans expressed interest in the project.

DATA REQUEST

2. Please provide a topographic base map at a scale of 1:24,000 which shows all Native American held property (reservations, rancherias, trust allotments or others as appropriate) within one mile of the project and linear facilities. On this map please indicate the boundaries of Native American held land and the name of the tribe that is affiliated with the property.
3. A letter was sent by the cultural resources consultant to representatives of the Native American community named on a list provided by the Native American Heritage Commission (AFC p. 5.7-10). Please provide the names and telephone numbers of the Native Americans who responded by telephone to express their interest in the project.
4. Please provide the name and telephone number of the Native American monitor included as part of the survey team.

BACKGROUND

The Cultural Resources Technical Report, Appendix J (p. Jvi-Jvii) identifies cultural resource sites, which will require testing to determine significance, in the project area and on almost all the project related elements. Staff needs clarification regarding the cultural resource consultant's procedures regarding testing and determination of significance. Staff will need to know the results of the testing in order to complete its analysis.

DATA REQUEST

5. Please begin significance testing at all potential cultural resources sites identified by the project consultant. Please also prepare and submit a work plan, which clarifies the following issues:
 - a. A time frame for significance testing at the project site and along all the linear facilities and project elements (pull sites etc.).

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- b. If significance testing has already taken place at all or some of the sites recommended for testing, please provide the results. Please identify what, if anything was unearthed.
- c. For those sites that have not been tested, please explain the field methodology that will be used to test below the surface. What type of earthmoving equipment (e.g. shovels or backhoes) be used? If the testing methodology will not be the same from site to site, please describe what is being proposed for each site.
- d. For sites determined to be significant, please prepare and provide a program for site avoidance or mitigation and/or data recovery.
- e. Please obtain a Native American monitor for any location where the cultural resources consultant thinks a monitor's presence is warranted during significance testing.

BACKGROUND

For staff to produce a complete analysis, it is necessary to have a thorough understanding of terms used by the applicant and consultant.

DATA REQUEST

- 6. The term "Study Area" is defined on page, J1-5 of Appendix J as "approximately 1-mile from all project components. Table 5.7-3 provides a listing of "Archaeological Sites and Isolates within Project Area of Potential Effect." Please define the term Area of Potential Effect (APE) and explain how far the APE extends from the project site and all linear facilities.

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(99-AFC-5)**

Technical Area: Geological Hazards and Resources

Author: Robert Anderson

BACKGROUND

On page G-10 of the AFC, the test method to determine the maximum dry density of the soil should be changed from ASTM D 698 to ASTM D 1557. ASTM D 698 was developed when construction equipment was lighter, and did not impart as much energy to the soil. The use of newer construction equipment (such as 637 scrapers and such can impart so much energy to the soil that the 698 curve is not valid. In order to compensate for larger construction equipment the ASTM D 1557 was created. This is the appropriate test to do for structural fill maximum dry density determination for minus $\frac{3}{4}$ inch diameter soils.

DATA REQUEST

7. Please verify that the test method will be changed to ASTM D 1557, or explain why ASTM D 698 is appropriate.

**OTAY MESA GENERATING PROJECT
DATA REQUESTS
(99-AFC-5)**

Technical Area: Land Use

Author: Eric Knight

BACKGROUND:

All areas planned for industrial land use in the East Otay Mesa Specific Plan Area are subject to the Community Design Review Area Regulations of the San Diego County Zoning Ordinance. The East Otay Mesa Site Planning and Design Guidelines serve as the criteria for Site Plan review of industrial uses. The guidelines cover the following site planning issues: grading, circulation, parking and loading, structures, landscaping, fencing and screening, signage, lighting, and public utility structures. As stated in the East Otay Mesa Site Planning and Design Guidelines, the guidelines “are intended to allow design flexibility under the premise that there are many design solutions which can achieve a stated goal. However, the Design Guidelines are not optional. A development project must comply with all the Design Guidelines, either following them precisely, or offering a design solution that is equal or better in achieving the stated objective.”

The applicant has stated that the project will be designed “as practical” to conform to the East Otay Mesa Site Planning and Design Guidelines (AFC page 5.9-24a). Energy Commission staff need to know how the project will be designed to comply with the overall intent of the East Otay Mesa Site Planning and Design Guidelines, and how it will be designed to be compatible with the land uses called for in the East Otay Mesa Specific Plan.

DATA REQUEST

8. Please submit a detailed site plan for the project, which meets the requirements as specified in the East Otay Mesa Site Planning and Design Guidelines (Chapter 4, pages 27-29).

BACKGROUND:

The East Otay Mesa Specific Plan sets forth development standards for: density, floor area ratio, building height, coverage, setbacks, usable open space, and parking. Any waiver or modification of these requirements would require approval of a variance in accordance with the San Diego County Zoning Ordinance. The applicant has already identified the need to obtain a variance for structures that will exceed the height limitation contained in the East Otay Mesa Specific Plan. Energy Commission staff needs to know whether the project will meet all other applicable development standards, or if other variances will be required. Information required to be supplied with the Design Review site plan includes a written tabulation of all development standards, as listed in Section 3.3 of the East Otay Mesa Specific Plan.

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DATA REQUEST

9. a. Please provide a written tabulation of how the project will comply with all development standards as specified in the East Otay Mesa Specific Plan.
- b. Please provide all of the information that would be needed if San Diego County was going to process a petition for a variance.

**OTAY MESA GENERATING PROJECT
DATA REQUESTS
(99-AFC-5)**

Technical Area: Socioeconomics
Author: Amanda Stennick

BACKGROUND

Table 5.10-7 in the AFC (Project Labor Needs and Available Labor by Craft/Skill) indicates the number of union members in the San Diego Locals by craft/skills. Table 5.10-7 indicates there are no union members for electricians and sprinklerfitters, and that not all members are necessarily residents of San Diego County. Commission staff needs to determine the impacts of the construction workforce on local schools, public services, housing, medical and emergency services, police and fire protection

DATA REQUEST

10. Please provide a table indicating the number of union members in Riverside, Imperial, and Orange Counties for each craft/skill indicated in Table 10.5-7. Also include (as in Table 5.10-7) the total workers in 1995, total workers in 2002, and the CAOES codes.
11. Please provide a discussion of the potential socioeconomic impacts due to the use of out-of-county workers..

**OTAY MESA GENERATING PROJECT
DATA REQUESTS
(99-AFC-5)**

Technical Area: Transmission System Engineering

Author: Linda Davis

BACKGROUND:

Staff must analyze the transmission and interconnection alternatives for the Otay Mesa Generating Project. The applicant states on AFC page N-1 that forthcoming studies may or may not establish the need to reconductor (e.g. add new wires) the Otay Mesa project to Miguel 230 kV transmission line.

DATA REQUEST

12. Please provide Interconnection Studies which analyze and discuss the potential for the project to necessitate reconductoring of the Otay Mesa project to Miguel transmission lines.

BACKGROUND:

Staff must analyze and determine downstream impacts on all transmission facilities affected by the Otay Mesa Generating Project.

DATA REQUEST

13. Please provide Planning Criteria and maps such as one line diagrams of the transmission lines of neighboring systems that may be affected including the Comision Federal de Electricidad (CFE) system. Also provide a discussion of how the applicant and SDG&E will work with CFE transmission line owners and/or regulatory agencies to identify and address any potential project issues that might significantly affect the CFE system.