

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov

**DOCKET****11-AFC-3**DATE APR 05 2012RECD. APR 05 2012

April 5, 2012

Quail Brush Genco, LLC
Ms. Lori Ziebart
Project Manager
9405 Arrowpoint Boulevard
Charlotte, NC 28273

Regarding: **QUAIL BRUSH GENERATION PROJECT (11-AFC-3), Staff's Data Requests, 65 through 70**

Dear Ms. Ziebart,

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 potential mitigation measures.

These data requests, numbered 65 through 70, are being made in the technical areas of Noise and Vibration, Public Health and Visual Resources. Written responses to the enclosed data requests are due to the Energy Commission staff on or before May 7, 2012.

If you are unable to provide the information requested, need additional time, or object to providing the requested information, please send a written notice to the Committee and me within 20 days of receipt of this notice. The notification must contain the reasons for the inability to provide the information or the grounds for any objections (see Title 20, California Code of Regulations, section 1716 (f)).

If you have any questions regarding the enclosed data requests, please call me at (916) 651-0966.

Sincerely,

Eric Solorio
Siting Project Manager

Enclosure (Data Request Packet)
cc: Docket (11-AFC-3)

PROOF OF SERVICE (REVISED 3/22/12) FILED WITH
ORIGINAL MAILED FROM SACRAMENTO ON 4/5/12
DLS

QUAIL BRUSH GENERATION PROJECT
(11-AFC-3)

Energy Commission Staff's Data Requests 65-70

April 5, 2012

Technical Area: Noise and Vibration
Author: Shahab Khoshmashrab

BACKGROUND

AFC Section 4.3 states that short-term nighttime ambient noise measurements were conducted at two of the project's noise-sensitive residential receptors, designated as ST-1 and ST-2. The measurements were ½-hour samples taken from 10 p.m. to 10:30 p.m. at ST-1 and from 10:45 p.m. to 11:15 p.m. at ST-2. These locations represent the closest residential neighborhood to the proposed project site (AFC Figure 4.3-5). For residential receptors, staff typically uses the average of the nighttime noise levels between 10 p.m. and 7 a.m. to assess a project's nighttime impacts at these locations. The short-term data presented in the AFC is not sufficient to make this assessment. Therefore, staff requests the following information.

DATA REQUEST

65. Please conduct a continuous ambient noise survey at locations ST-1 and ST-2 from 10 p.m. to 7 a.m. and submit the results of this survey to staff, in terms of Leq, L10, L50, and L90.

Technical Area: Public Health
Author: Huei-An Chu (Ann)

Health Risk Assessment

BACKGROUND

The Application for Certification (AFC) and appendices provide some information on how the applicant conducted the health risk assessment. The potential impacts associated with emissions of toxic pollutants to the air from the proposed power plant were addressed in a health risk assessment (Section 4.8 Public Health and Appendix F.4). This health risk assessment was prepared using guidelines developed by the Office of Environmental Health Hazard Assessment and the California Air Resources Board, as implemented in the latest version of the HARP (Hotspots Analysis and Reporting Program) model (Version 1.4d). It was written in AFC page 4.8-11 that "detailed risk and hazard values are provided in the HARP output presented in Health Risk Assessment CD (Appendix F.4)." However, there is no such CD included in the AFC. The only information available for staff is some printed health risk assessment support data such as locations of sensitive receptors in Appendix F.4. Staff needs the files of health risk assessment support data, such as modeling input data and HARP results, to review and confirm the adequacy of the health risk assessment.

DATA REQUEST

66. Please provide all files of input data for HARP, including (but not limited to) the Source Receptor file (*.SRC), the Dilution Factors file (*.XOQ), the Emissions File (*.EMS), the Map file (*.MAP), the refined maximum ground level concentration (GLC) files (*.CSV), and all other related files which can help staff review and replicate the health risk assessment.

67. Please also provide all the output files generated from HARP, including (but not limited to) results for acute and chronic inhalation and chronic non-inhalation exposures, cancer burden and individual cancer risk (workplace and residential) for the combustion sources. Please also provide separate calculations for each type of exposure and risk, and the results of the calculations.

Technical Area: Visual Resources

Author: Mark R. Hamblin

BACKGROUND

The staff's visual assessment is based on illustrations (photographs, photographic simulations, etc.) of "representative views" neither understating nor overstating the visual effects of the proposed project.

The selected key observation point (KOP) existing condition/view photograph, and the KOP photographic simulation are to be prepared using a "normal" or "standard" lens, and to appear at "life-size scale" when viewed approximately 18 inches from the eye (standard reading/viewing distance) printed on 11" x 17" sized paper. There should be no visual disconnect between what is seen on the KOP existing view photograph, KOP photographic simulation and what is viewed in the field at the KOP.

DATA REQUEST

68. Please provide an electronic file that contains key observation point 1 (KOP 1) showing the existing condition without the proposed project capable of color print out on 11"x 17" sized paper.
69. Please provide an electronic file that contains KOP 1 showing the existing condition that includes the photographic simulation of the proposed project capable of color print out on 11" X 17" sized paper.
70. Please provide electronic files of the photographs used for Viewpoints 1 through 7 in the AFC visual resources section capable of color print out on 11" X 17" sized paper.



**BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT
COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV**

**APPLICATION FOR CERTIFICATION
FOR THE *QUAIL BRUSH GENERATION PROJECT***

DOCKET NO. 11-AFC-3
PROOF OF SERVICE
(Revised 3/22/2012)

APPLICANT

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*indicates change

DECLARATION OF SERVICE

I, Diane Scott, declare that on April 5, 2012, I served and filed a copy of the **QUAIL BRUSH GENERATION PROJECT (11-AFC-3), Staff's Data Requests, 65 through 70**, dated April 5, 2012. This document is accompanied by the most recent Proof of Service list, located on the web page for this project at:

<http://www.energy.ca.gov/sitingcases/quailbrush/index.html>.

The document has been sent to the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit or Chief Counsel, as appropriate, in the following manner:

(Check all that Apply)

For service to all other parties:

- Served electronically to all e-mail addresses on the Proof of Service list;
- Served by delivering on this date, either personally, or for mailing with the U.S. Postal Service with first-class postage thereon fully prepaid, to the name and address of the person served, for mailing that same day in the ordinary course of business; that the envelope was sealed and placed for collection and mailing on that date to those addresses **NOT** marked "e-mail preferred."

AND

For filing with the Docket Unit at the Energy Commission:

- by sending an electronic copy to the e-mail address below (preferred method); **OR**
- by depositing an original and 12 paper copies in the mail with the U.S. Postal Service with first class postage thereon fully prepaid, as follows:

CALIFORNIA ENERGY COMMISSION – DOCKET UNIT
Attn: Docket No. 11-AFC-3
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.state.ca.us

OR, if filing a Petition for Reconsideration of Decision or Order pursuant to Title 20, § 1720:

- Served by delivering on this date one electronic copy by e-mail, and an original paper copy to the Chief Counsel at the following address, either personally, or for mailing with the U.S. Postal Service with first class postage thereon fully prepaid:

California Energy Commission
Michael J. Levy, Chief Counsel
1516 Ninth Street MS-14
Sacramento, CA 95814
mlevy@energy.state.ca.us

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, that I am employed in the county where this mailing occurred, and that I am over the age of 18 years and not a party to the proceeding.

Original Signed By:

Diane Scott
Siting, Transmission and Environmental Protection Division