



TETRA TECH EC, INC.

April 3, 2012

Mr. Eric Solorio  
California Energy Commission  
Docket No. 11-AFC-3  
1516 9<sup>th</sup> St.  
Sacramento, CA 95814

<b>DOCKET</b>	
<b>11-AFC-3</b>	
DATE	APR 03 2012
RECD.	APR 03 2012

**Cogentrix Quail Brush Generation Project - Docket Number 11-AFC-3, Responses to CEC Traffic Questions (March 13, 2012 Technical Conference Call)**

Docket Clerk:

Pursuant to the provisions of Title 20, California Code of Regulation, and on behalf of Quail Brush Genco, LLC, a wholly owned subsidiary of Cogentrix Energy, LLC, Tetra Tech hereby submits the Responses to CEC Traffic Questions in response to technical questions posed by CEC staff to Tetra Tech on the March 13, 2012 conference call regarding traffic. Information regarding traffic counts on Sycamore Landfill Road will be provided at a later date. The Quail Brush generation Project is a 100 megawatt natural gas fired electric generation peaking facility to be located in the City of San Diego, California.

If you have any questions regarding this submittal, please contact Rick Neff at (704) 525-3800 or me at (303) 980.3653.

Sincerely,

Constance E. Farmer  
Project Manager/Tetra Tech

cc: Lori Ziebart, Cogentrix  
John Collins, Cogentrix  
Rick Neff, Cogentrix  
Proof of Service List

TETRA TECH EC, INC.

# MEMORANDUM

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To: Sarah McCall  
Tetra Tech

Date: March 21, 2012

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From: John Boarman, P.E.  
LLG, Engineers

LLG Ref: 3-11-2075

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Subject: Response to Questions on Quail Brush Traffic Study

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Per the technical conference call with Eric Solorio and John Hope of the California Energy Commission (CEC) on March 13, 2012, the purpose of this memo is to respond to their questions regarding the traffic analysis conducted by LLG Engineers. This memo documents the responses to the CEC's questions posed during this technical conference call.

Q1. Mission Gorge Road should be analyzed if project traffic is expected to utilize the roadway.

## Response:

**In the traffic study, the 7% is the percentage on SR 52 between SR 125 and Mast Boulevard. A percentage is not shown on Mission Gorge Road. *Figure A* (attached) shows the forecasted construction worker distribution percentages on Mission Gorge Road. The travel time from SR 125 to the offsite crew parking lot is similar for the (1) SR 52 to Mast Boulevard to West Hills Parkway route versus the (2) Mission Gorge Road route so it was deemed proper to assume a small portion of crew members would use the SR 52 route.**

**Overall, 77% of construction workers were assumed to approach the offsite lot from the west and 13% from the east. (The other 10% were assumed to park on-site).**

**An analysis of Mission Gorge Road was completed to assess the impact of these additional construction worker trips and the results are shown in *Table A*. As can be seen in this table, Mission Gorge Road can accommodate the additional traffic and no significant impacts would occur.**

Q2. Provide LOS on Medina Drive.

**Response: An analysis of Medina Drive was completed to assess the impact of the additional construction traffic and the results are shown in *Table B*. As can be seen in this table, Medina Drive can accommodate the additional traffic and no significant impacts would occur.**

LINSCOTT  
LAW &  
GREENSPAN

engineers

Engineers & Planners  
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Parking

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**TABLE A  
 EXISTING+CONSTRUCTION MISSION GORGE ROAD LOS OPERATIONS**

Street Segment	Existing Capacity	Existing			Existing + Construction			$\Delta^d$
		ADT <sup>a</sup>	V/C <sup>b</sup>	LOS <sup>c</sup>	ADT	V/C	LOS	
<b>Mission Gorge Road</b>								
SR 52 to SR 125	40,000	11,900	0.298	A	12,374	0.309	A	0.011

**Footnotes:**

- a. Average Daily Traffic
- b. Volume to Capacity ratio
- c. Level of Service
- d.  $\Delta$  denotes the project-induced increase in the Volume to Capacity ratio
- e. Construction traffic volume on Mission Gorge Road is 474 ADT, which is 77% of 616 ADT.

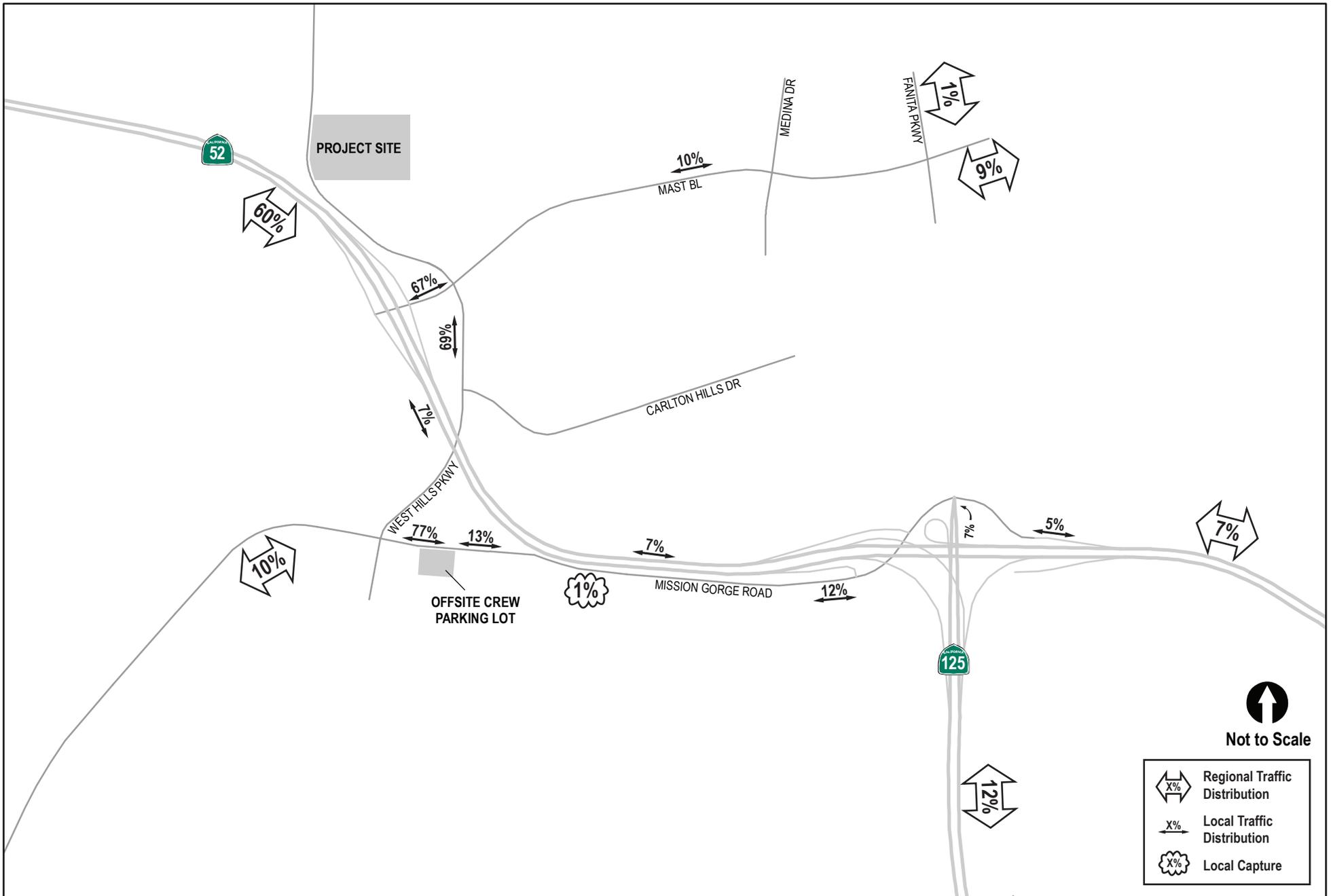
**TABLE B  
 EXISTING+CONSTRUCTION MEDINA DRIVE OPERATIONS**

Street Segment	Existing Capacity	Existing			Existing + Construction			$\Delta^d$
		ADT <sup>a</sup>	V/C <sup>b</sup>	LOS <sup>c</sup>	ADT	V/C	LOS	
<b>Medina Drive</b>								
North of Mast Boulevard	2,200	1,829	0.831	C	1,889	0.859	C	0.028

**Footnotes:**

- a. Average Daily Traffic
- b. Volume to Capacity ratio
- c. Level of Service

cc: File



**Figure A**  
**Construction Traffic Distribution - Employee Traffic**



**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)

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\*indicates change

## DECLARATION OF SERVICE

I, Constance Farmer, declare that on April 3, 2012, I served and filed a copy of the Responses to CEC Traffic Questions. This document is accompanied by the most recent Proof of Service list, located on the web page for this project at:

[\[http://www.energy.ca.gov/sitingcases/quailbrush/index.html\]](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](mailto: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](mailto: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.



## CALIFORNIA ENERGY COMMISSION

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



**TO:** *All Parties*

*Date:* March 22, 2012

**RE:** **QUAIL BRUSH GENERATION PROJECT**  
**Docket No. 11-AFC-3**  
**Newly revised Proof of Service List**

Energy Commission regulations (Cal. Code Regs., tit. 20, § 1210) require, in addition to any electronic service, that a paper copy be served in person or by first class mail except where a party requests to receive an electronic copy when one is available. Individuals and groups on the Proof of Service list who prefer to receive filings by e-mail and do not require a paper copy shall inform the Hearing Adviser assigned to the proceeding.

The Proof of Service list for this matter will delineate those individuals and groups and it is sufficient to serve those individuals with an e-mailed copy only. Those not so delineated must be served with a paper copy in addition to any e-mailed copy that the filing party chooses to provide. Signatures may be indicated on the electronic copy by "**Original Signed By**" or similar words.

Unless otherwise specified in a regulation, all materials filed with the Commission must also be filed with the Docket Unit. (Cal. Code Regs., tit. 20, § 1209(d).) Some regulations require filing with the Commission's Chief Counsel instead of the Docket Unit. For example, Section 1720 requires a petition for reconsideration to be filed with the Chief Counsel and served on the parties. Service on the attorney representing Commission staff does not satisfy this requirement. This Proof of Service form is not appropriate for use when filing a document with the Chief Counsel under Title 20, sections 1231 (Complaint and Request for Investigation) or 2506 (Petition for Inspection or Copying of Confidential Records). The Public Advisor can answer any questions related to filing under these sections.

New addition(s) to the Proof of Service are indicated in **bold font** and marked with an asterisk (\*). Additionally, if two or more persons are listed on a Proof of Service List with a single address, only one physical copy of a document need be mailed to the address.

Use this newly revised list for all future filings and submittals. This Proof of Service List will also be available on the Commission's Project Web Site at:

[\[http://www.energy.ca.gov/sitingcases/quailbrush/index.html\]](http://www.energy.ca.gov/sitingcases/quailbrush/index.html)

Please review the information and contact me at [rmavalos@energy.state.ca.us](mailto:rmavalos@energy.state.ca.us) or (916) 654-3893, if you would like to be removed from the Proof of Service or if there are any changes to your contact information.

RoseMary Avalos  
Hearing Adviser's Office