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January 19, 2011

VIA FEDEX

File No. 039610-0003

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 08-AFC-9
1516 Ninth Street, MS-4
Sacramento, California 95814-5512

DOCKET	
08-AFC-9	
DATE	JAN 19 2011
RECD.	JAN 19 2011

Re: City of Palmdale Hybrid Power Plant Project: Docket No. 08-AFC-9

Dear Sir/Madam:

Pursuant to California Code of Regulations, title 20, Sections 1209, 1209.5, and 1210, enclosed herewith for filing please find a document entitled, "Rebuttal Testimony of Laurie Lile regarding Alternatives."

Please note that the enclosed submittal was filed today via electronic mail to your attention and to all parties on the attached proof of service list.

Very truly yours,



Paul E. Kihm
Senior Paralegal

Enclosure

cc: 08-AFC-9 Proof of Service List (w/encl., via e-mail and U.S. Mail)
Michael J. Carroll, Esq. (w/encl.)
Marc T. Campopiano, Esq. (w/encl.)

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State of California

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Energy Resources

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Conservation and Development Commission

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In the Matter of:

Docket No. 08-AFC-9

10

APPLICATION FOR CERTIFICATION
FOR THE PALMDALE HYBRID POWER
11 PLANT BY THE CITY OF PALMDALE

REBUTTAL TESTIMONY OF LAURIE LILE
REGARDING ALTERNATIVES

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I, LAURIE LILE, declare as follows:

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1. I am the Assistant City Manager for the City of Palmdale and am duly
authorized to make this declaration. Except where stated on information and belief, the facts set
16 forth herein are true of my own personal knowledge and the opinions set forth herein are true and
17 correct articulations of my opinions regarding the Palmdale Hybrid Power Plant ("Project") on
18 behalf of the City of Palmdale ("Applicant"). If called as a witness I could and would testify
19 competently to the opinions set forth herein.

20

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2. A copy of my current curriculum vitae which demonstrates my relevant
experience and expertise is included as an attachment to the Applicant's testimony filed on
22 January 12, 2010 for this matter.

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3. I reviewed and am familiar with the Final Staff Assessment ("FSA"),
Alternatives section, the Alternatives Appendix A section.

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4. I am familiar with the areas identified as Alternative Routes 4 and 5 within
the FSA, Alternatives Appendix A.

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1 5. I have knowledge of the long-range planning goals of the City of
2 Palmdale, and other plans by applicable local, regional and state agency agencies related to the
3 City of Palmdale area.

4 6. I have experience reviewing infrastructure projects within the City of
5 Palmdale.

6 7. Based on my review of the FSA, I identified a number of potential
7 feasibility concerns with Alternative Route 4 that do not appear to have been fully analyzed by
8 Staff. The following highlights some of these issues but is not intended to be an exhaustive list.

9 8. References to Lockheed Way on Page A-3 are incorrect. The correct
10 street name is Blackbird Drive.

11 9. If the Alternative Route 4 transmission line is located on the east side of
12 Sierra Highway, the project will need to obtain permission from either Southern Pacific Rail
13 Road or United States Air Force Plant 42 to underground facilities from the Project property to
14 Avenue O-8/ Blackbird Drive. Permission from either entity will be difficult, and neither is
15 subject to eminent domain authority. In addition, the California High Speed Rail Authority
16 (CHSR) is currently analyzing this alignment for placement of the CHSR line. At this location,
17 the track would be at grade.

18 10. If the Alternative Route 4 transmission line is located on the east side of
19 Sierra Highway, there is an existing rail spur south of Rancho Vista Boulevard. The Project will
20 need to obtain an easement from Southern Pacific Railroad for a crossing on 10th Street East,
21 south of Rancho Vista Blvd. Railroad spur tracks are to be used for future projects.

22 11. If the Alternative Route 4 transmission line is located on the west side of
23 Sierra Highway, a vault beneath the railroad right-of-way will need to be constructed, both at
24 Avenue M-12 and at Avenue O-8/Blackbird Lane. Two separate railroads—Southern Pacific
25 and Los Angeles County Metropolitan Transportation Agency control right-of-way in this area,
26 so permission of both would need to be obtained.

27 12. Alternative Route 4 will interfere with drainage improvements that will be
28 installed at the intersection of Rancho Vista Boulevard and 10th Street East.

1 13. Alternative Route 4's proposed underground alignment crosses through
2 Caltrans right-of-way on Palmdale Boulevard/Highway 138 and 10th Street East. No trenching
3 is allowed across Palmdale Boulevard/Highway 138 and other major highways. This would
4 require jack and boring permits from Caltrans.

5 14. Alternative Route 4's underground alignment crosses through Southern
6 Pacific railroad right-of-way at a railroad crossing on 10th Street East, north of Avenue R-8.

7 15. Alternative Route 4's underground alignment will conflict with utility
8 crossings at the following major intersections: Rancho Vista Boulevard & 10th Street East,
9 Avenue Q & 10th Street East, Palmdale Boulevard/Highway 138 & 10th Street East, Avenue R
10 & 10th Street East, Avenue S & 10th Street East, and Avenue S & Sierra Highway.

11 16. Alternative Route 4's underground alignment will conflict with several
12 future storm drain facilities to be installed based on the City's Master Plan of Drainage for the
13 Anaverde Watershed. The following improvements will conflict with the proposed underground
14 alignment: a forty-eight (48) inch line along the Southern Pacific right-of-way from Avenue N to
15 Avenue O-8, a forty-eight (48) inch line along Blackbird Drive, and a thirty-six (36) inch line to
16 be installed along 10th Street East from Avenue R to Avenue S.

17 17. Alternative Route 4's underground alignment will conflict with the two
18 thirty inch high-pressure gas mains along Avenue S.

19 18. A portion of the area east of 10th Street East between Avenue R-4 and
20 Avenue R-8 is within an Alquist-Priolo special studies zone and may be subject to construction
21 limitations due to earthquake faults.

22 19. Alternative Route 4's underground route passes by two Palmdale School
23 District facilities: the Palmdale School District Office complex that provides a site for Head Start
24 and other early child development programs, and Tumbleweed Elementary School.

25 20. Alternative Route 4 locates the transmission line in existing major arterial
26 streets that would be significantly affected during construction. Major delays and/or detours
27 would need to be implemented. Because of the significant structure that would need to be
28 constructed to support the transmission line, construction impacts are greater, affecting a larger

1 area for longer periods of time, than would construction impacts for pipelines such as the water
2 or gas lines proposed in this alignment. In addition, if the timing for construction of these linear
3 facilities do not precisely coincide, then these streets, and the properties that front them, will be
4 impacted by construction activities for extensive periods.

5 21. Based on my review of the FSA, I identified a number of potential
6 feasibility concerns with Alternative Route 5 that do not appear to have been fully analyzed by
7 Staff. The following highlights some of these issues but is not intended to be an exhaustive list.

8 22. Although the Alternative Route 5 analysis indicates that the right-of-way
9 for Division Street exists between Avenue M and Avenue O, it does not. There is an existing dirt
10 road and there may be a utility easement for existing electric distribution lines. However, street
11 right-of-way and/or utility easements sufficient for construction of the transmission lines do not
12 exist in this segment of the alternative alignment.

13 23. Alternative Route 5's proposed overhead will be crossing Southern Pacific
14 railroad right-of-way in three locations: railroad crossings at Avenue M, Avenue R, and the
15 railroad bridge crossing on Sierra Highway.

16 24. Alternative Route 5's transmission line alignment conflicts with a second
17 alternative alignment for CHSR line currently under consideration. This alternative alignment is
18 west of the existing railroad rights-of-way. The possible station location connected with this
19 alignment would be located in the area south of the intersection of Division Street and Rancho
20 Vista Boulevard.

21 25. Alternative Route 5's overhead crossing will impact the current design of
22 the future High Speed Rail project. The proposed alignment of the California High Speed
23 railroad parallels Sierra Highway. Potential conflicts will be the at the Avenue M and Avenue R
24 railroad crossings. The proposal for California High Speed Rail (CHSR) tracks at Avenue R is
25 on an elevated viaduct. At Avenue M, the street would be elevated to cross over the at-grade
26 CHSR train tracks.

27

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1 26. Alternative Route 5's proposed overhead alignment crosses through the
2 Air Installation Compatibility Use Zone (AICUZ) area (Accident Potential Zone 1) owned by the
3 United States Government (APN 3005-001-903). Acquisition of an easement on United States
4 Government property will be required, and as noted above, may be difficult to obtain.

5 27. Alternative Route 5's proposed overhead alignment will interfere with the
6 design for the future High Desert Corridor/State Route 14 interchange.

7 28. Alternative Route 5's proposed overhead crosses through Caltrans right-
8 of-way on Palmdale Boulevard/Hwy 138.

9 29. Alternative Route 5's proposed overhead lines may not run on the easterly
10 side of Division Street from Technology Drive to Avenue Q-12, due to the Little League fields
11 and the residential/commercial lots taking access on Division Street. Future realignment of
12 Division Street to the west of its current location would require the overhead lines be relocated at
13 that time to accommodate this shift.

14 30. Alternative Route 5's alignment passes adjacent to or across the street
15 from Anaverde and Palm Tree Elementary Schools.


16 31. The Applicant's proposed transmission line alignment does not conflict
17 with the California High Speed Rail project. It would cross a Caltrans right-of-way for Highway
18 138 in an existing transmission corridor and would cross the future High Desert Corridor
19 alignment where the freeway would be at grade, rather than in an elevated section at the
20 interchange with State Route 14.

21 32. The content of this declaration is true and accurate to the best of my
22 information and belief.

23 Executed on Jan 19, 2011, at the location: Palmdale, California.

24 I declare under penalty of perjury of the laws of the State of California that the
25 foregoing is true and correct.

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27
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LAURIE LILE

**STATE OF CALIFORNIA
ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION**

In the Matter of:) Docket No. 08-AFC-9
)
Application for Certification,) **PROOF OF SERVICE**
for the CITY OF PALMDALE HYBRID)
POWER PLANT PROJECT) (Revised January 14, 2011)
)
_____)

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PALMDALE HYBRID POWER PROJECT
CEC Docket No. 08-AFC-09

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PALMDALE HYBRID POWER PROJECT
CEC Docket No. 08-AFC-09

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PALMDALE HYBRID POWER PROJECT
CEC Docket No. 08-AFC-09

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PALMDALE HYBRID POWER PROJECT
CEC Docket No. 08-AFC-09

DECLARATION OF SERVICE

I, Paul Kihm, declare that on January 19, 2011, I served and filed copies of the attached document to all parties identified on the Proof of Service List above in the following manner:

REBUTTAL TESTIMONY OF LAURIE LILE REGARDING ALTERNATIVES

California Energy Commission

- Transmission via electronic mail and by depositing a copy with FedEx overnight mail delivery service at Costa Mesa, California, with delivery fees thereon fully prepaid and addressed to the following:

CALIFORNIA ENERGY COMMISSION

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PALMDALE HYBRID POWER PROJECT
CEC Docket No. 08-AFC-09

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PALMDALE HYBRID POWER PROJECT
CEC Docket No. 08-AFC-09

For Service to Intervenor Center for Biological Diversity

- Transmission via electronic mail and by depositing a copy with FedEx overnight mail delivery service at Costa Mesa, California, with delivery fees thereon fully prepaid and addressed to the following:

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John Buse, Senior Attorney
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For Service to All Other Parties

- Transmission via electronic mail to all email addresses on the Proof of Service list; and
- by depositing one paper copy with the United States Postal Service via first-class mail at Costa Mesa, California, with postage fees thereon fully prepaid and addressed as provided on the Proof of Service list to those addresses **NOT** marked "email preferred."

I further declare that transmission via electronic mail and U.S. Mail was consistent with the requirements of California Code of Regulations, title 20, sections 1209, 1209.5, and 1210.

I declare under penalty of perjury that the foregoing is true and correct. Executed on January 19, 2011, at Costa Mesa, California.



Paul Kihm