

## DOCKETED

<b>Docket Number:</b>	12-AFC-03
<b>Project Title:</b>	Redondo Beach Energy Project
<b>TN #:</b>	202417
<b>Document Title:</b>	Report of Conversation Re: Data Response 26R & 28R Additional Information Requested by CEC Staff
<b>Description:</b>	06/04/2014 between Patricia Kelly and Shahab Khoshmashrab
<b>Filer:</b>	Alicia Campos
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	6/4/2014 10:11:26 AM
<b>Docketed Date:</b>	6/4/2014

**CALIFORNIA ENERGY COMMISSION**  
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**Siting,  
 Transmission and  
 Environmental  
 Protection Division**

**FILE:**

**PROJECT TITLE:**  
 Redondo Beach Energy Project

**Docket: 12-AFC-03**

**TECHNICAL AREA(S): Noise and Vibration - RBEP Data Response 26R and 28R Questions from CEC Staff**

Telephone

Meeting Location:

**NAME: Patricia Kelly**      **DATE: 06/04/14**      **TIME:**

**WITH: Shahab Khoshmashrab**

**SUBJECT: RBEP Data Response 26R & 28R Additional Information Requested by CEC Staff**

**COMMENTS:**

**From:** Sarah.Madams@CH2M.com  
**Sent:** Tuesday, June 03, 2014 12:39 PM  
**To:** Kelly, Patricia@Energy; Jerry.Salamy@CH2M.com  
**Cc:** Khoshmashrab, Shahab@Energy; stephen.okane@aes.com; sgp@eslawfirm.com; glw@eslawfirm.com  
**Subject:** RE: Questions on DRs 26R-28R  
**Attachments:** RBGS Load Data.pdf

Good Afternoon Pat-  
 Please see our responses below. If you have any questions, let me know.

1. *Was the existing AES RBEP in operations during the survey? If yes, at what power level(s) and for how long?*  
 Yes, at least one of the existing RBGS units was in operation during the April noise surveys. Load data is available in the attached document.
2. *The monitoring data from AFC Appendix 5.7A, Table 5.7A-1 shows an average nighttime L<sub>90</sub> dBA value in the mid 50s at M1 (Hotel), while the above Response to DR Set 1C shows an average nighttime L<sub>90</sub> dBA value in the low 40s at M4. I understand the environmental setting is a bit different, but not sure it explains all of the difference considering the proximity of these two locations. Can you explain the difference (noise sources, existing plant, weather...)?*

A review was conducted of the operating conditions during the initial noise monitoring activities in August 2011 and during the April 2014 monitoring. The difference in noise levels may be attributed to the following:

- In April 2014, the two larger and closer generating units to M1 (Units 7 and 8) were not operating, whereas in August 2011 all four generating units 5, 6, 7, and 8 were operating.
- In August 2011, there was short term blow down noise from Units 5 and 6 after the units stopped producing power at approximately 8:30pm.
- The Best Western Hotel was still in operation in August 2011, and may have contributed slightly to the background noise, while in 2014, the hotel was under demolition/construction, and vacant during nighttime hours.



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**From:** Kelly, Patricia@Energy [<mailto:patricia.kelly@energy.ca.gov>]  
**Sent:** Thursday, May 22, 2014 2:56 PM  
**To:** Madams, Sarah/SAC; Salamy, Jerry/SAC  
**Cc:** Khoshmashrab, Shahab@Energy  
**Subject:** FW: Questions on DRs 26R-28R

Sarah and/or Jerry: Please address the questions Shahab has on the DR responses. Thanks! pat

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**From:** Khoshmashrab, Shahab@Energy  
**Sent:** Thursday, May 22, 2014 2:45 PM  
**To:** Kelly, Patricia@Energy  
**Subject:** Questions on DRs 26R-28R

Pat,

Please forward this to the applicant.

I just read the Response to DR Set 1C 26R-28R-REVISED and had a few follow-up questions:

1. Was the existing AES RBEP in operations during the survey? If yes, at what power level(s) and for how long?
2. The monitoring data from AFC Appendix 5.7A, Table 5.7A-1 shows an average nighttime  $L_{90}$  dBA value in the mid 50s at M1 (Hotel), while the above Response to DR Set 1C shows an average nighttime  $L_{90}$  dBA value in the low 40s at M4. I understand the environmental setting is a bit different, but not sure it explains all of the difference considering the proximity of these two locations. Can you explain the difference (noise sources, existing plant, weather...)?

Shahab

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**AES Redondo Load Data**

*Early-late afternoon of Monday, April 07, 2014*

	Average Load (MW)
Period start	<i>(Max = 1310 MW)</i>
14:30	129
14:45	129
15:00	112
15:15	95

**AES Redondo Load Data**

*Mid-late morning of Tuesday, April 08, 2014*

	Average Load (MW)
Period start	<i>(Max = 1310 MW)</i>
9:30	43
9:45	43
10:00	23
10:15	19

**AES Redondo Load Data**

*Night of Monday, April 07, 2014*

	Average Load (MW)
Period start	<i>(Max = 1310 MW)</i>
22:00	96
23:00	61
0:00	15
1:00	11
2:00	11
3:00	11
4:00	11
5:00	17
6:00	47
7:00	47

CC:

Signed:

Name: Patricia Kelly