

DOCKETED

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Document Title:	Questions and responses that staff relied upon in developing its Noise analysis in the Preliminary Staff Assessment
Description:	N/A
Filer:	Cenne Jackson
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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From: Jackson.Cenne@Energy
To: Jackson.Cenne@Energy
Subject: RE: Questions on DRs 26R-28R
Date: Tuesday, May 19, 2015 12:58:42 PM

From: Winstead, Keith@Energy
Sent: Tuesday, May 19, 2015 12:03 PM
To: Jackson, Cenne@Energy
Subject: RE: Questions on DRs 26R-28R

Cenne:

Please docket the below email-Questions and responses that staff relied upon in developing its Noise analysis in the Preliminary Staff Assessment as well as the attachments.

From: Sarah.Madams@CH2M.com [<mailto: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

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_{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...)?*

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.

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

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

AES Redondo Load Data

Early-late afternoon of Monday, April 07, 2014

**Average Load
(MW)**

Period start (Max = 1310 MW)

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 (Max = 1310 MW)

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 (Max = 1310 MW)

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