



November 14, 2012

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California Energy Commission
Dockets Unit
Attn: Docket 12-IEP-1c
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512

California Energy Commission

DOCKETED
12-IEP-1C

TN # 68580

NOV 19 2012

Subject: Docket 12-IEP-1c, Information Request Submittal for the City of Burbank's Magnolia Power Plant

Dear Dockets Unit Staff:

I am forwarding for docketing the information request response submittal for the City of Burbank's Magnolia Power Plant that was e-mailed to Energy Commission and Energy Commission consultant (Aspen Environmental Group) staff before we provided corrected submittal instructions for submittals not requesting confidentiality (i.e. that the submittal needed to be provided formally to Dockets). This submittal provides both a hardcopy and the necessary CD copy to complete the docket submittal. The e-mail text provided by the City of Anaheim is provided on the next page, and this cover letter and the information request response excel file are provided in a single combined .pdf file in the attached CD.

Regards,

William Walters, P.E.
Aspen Environmental Group

From: Maxwell, Ron [mailto:RMaxwell@ci.burbank.ca.us]

Sent: Friday, November 02, 2012 11:04 AM

To: Jordanne Gregorio; Richard McCann; William Walters

Cc: ivin.rhyne@energy.ca.gov; Yapp, Kim; Joffee, Ira; Adkins, Eric; Mellon, Scott; Osborne, Marie

Subject: RE: Energy Commission Information Requested regarding the Magnolia Power Plant

Jordanne Gregorio,
Richard McCann &
William Walters
(Aspen Environmental Group):

Attached please find the power plant information that you requested for CEC regarding Magnolia Power Plant.

If additional information or clarification is needed, please advise.

Regards,

Ron M.

Ron S. Maxwell, P.E.

Power Production Engineer

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CEC Operating Cost Information Request for Magnolia Power Plant

		<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
1 Total Annual Operating Cost		19,727,397	23,727,808	25,980,040	24,632,576	21,574,017	20,365,302
	<i>note</i>	Costs include fuel & all other operating costs, but exclude debt svc & capital.					
	<i>note</i>	Costs are provided with sales and use tax included.					
2 Operating Hours	hrs	4628.2	7169.1	7554.4	7518.4	7785.1	5006.4
Startup/Shutdown Hours	hrs	4131.8	1590.9	1229.6	1241.6	974.9	3753.6
Number of Startups	#	12	15	11	7	10	14
3 Natural Gas Supplier		So Cal Gas (subsidiary of Sempra Energy).					
4 Duct Burner Natural Gas Usage	mmscf	16.3	7.2	36.2	3.7	15.1	5.5
Duct Burner Hours of Operation	hrs	112.7	67.7	292.2	27.6	128.7	31.7
5 Natural Gas Average Annual Price	\$/MMBtu	6.2	6.5	7.9	4.0	4.9	5.0
	<i>note</i>	Price is for total delivered cost (commodity + transport charges)					
6 Water Supply Cost	\$/AF	880	729	995	996	979	1,226
Water Consumption	AF	1524	1418	1180	1179	1287	792
7 <u>Staffing</u>							
Managers	#	1	1	1	1	1	1
Operators	#	20	20	20	20	20	20
Mechanics	#	6	6	6	6	6	8
Laborers	#	0	0	0	0	0	0
Support Staff	#	1	1	1	1	1	1
Other	#	16	16	16	16	16	14
Total Payroll (2011)	\$/yr	4,522,847	5,145,065	6,683,398	7,138,117	5,542,726	6,357,388
8 <u>Ongoing Operating Costs</u>							
Consumables Costs	\$/yr	386,249	550,060	552,750	288,879	199,686	223,326
Chemicals, etc	\$/yr	476,796	511,243	1,176,736	1,234,090	1,384,702	1,068,479
Eq Acquisition & Leasing Costs	\$/yr	460,521	431,021	431,021	431,021	431,021	431,021
Regulatory Filings, etc	\$/yr	79,733	79,232	94,995	82,151	60,014	306,520
Ongoing Emissions Offsets Costs	\$/yr	-	-	-	-	-	-
Other Direct Costs	\$/yr	13,819,713	14,936,807	15,021,812	17,210,240	8,393,435	6,624,068
9 <u>Est of Actual Annual Maint Costs</u>	<i>note</i>	(in 2011 dollars)					
Normal Annualized Maint Cost	\$/yr	8,598,669	9,321,127	10,162,563	11,525,714	9,004,672	9,292,361
Major Overhaul Frequency	yr	3					
Last Year of Occurrence	yr	2012 (pending)					
Cost of Last Major Overhaul	\$MM	The first major overhaul will occur late in 2012, and cost estimate is \$13.1 million.					
10 <u>Fixed vs Variable O&M Costs Defns</u>							
List of items considered fixed costs		Fixed costs include debt service and site lease payment.					
List of items considered variable costs		Variable costs include fuel supply and reclaimed water supply.					