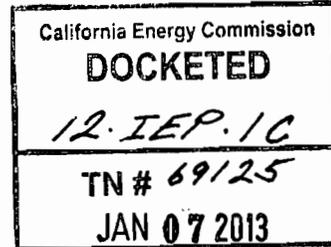


January 7, 2013

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



To Whom It Concerns,

Please find attached a copy of MID's responses to the power plant cost data request for the Woodland II and Ripon generation stations. This is a re-submission of the data in response to California Energy Commission staff's request for additional confidentiality information in a letter dated December 19, 2012. Please note that confidentiality is not being requested for this data.

Please contact me if there are any questions regarding this submission.

Thank You

Martin Caballero
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Modesto, California 95352
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DM: 323033

Modesto Irrigation District Electric Generating Station Ripon (03-SPPE-1C) As-Operating Information Request			Confidential <input checked="" type="checkbox"/> 1
#	Operating Cost Information Request Parameter		
1	Total Annual Operating Costs and MW net/gross (Cost should be inclusive of fuel and all other operating costs)	2006 - \$ MM <u>7.3</u> 2007 - \$ MM <u>6.0</u> 2008 - \$ MM <u>8.0</u> 2009 - \$ MM <u>4.2</u> 2010 - \$ MM <u>3.6</u> 2011 - \$ MM <u>4.3</u> Total operating cost value basis: 1) Costs are provided <input checked="" type="checkbox"/> with sales and use tax or <input type="checkbox"/> without sales and use tax included	<input type="checkbox"/>
2	Operating hours and Startups/Shutdowns Hours (average considering number of turbines at site)	2006 – Operating Hours <u>787</u> Startup/shutdown hours <u>68</u> No. of Startups <u>204</u> 2007 – Operating Hours <u>701</u> Startup/shutdown hours <u>61</u> No. of Startups <u>182</u> 2008 – Operating Hours <u>764</u> Startup/shutdown hours <u>66</u> No. of Startups <u>198</u> 2009 – Operating Hours <u>255</u> Startup/shutdown hours <u>22</u> No. of Startups <u>66</u> 2010 – Operating Hours <u>253</u> Startup/shutdown hours <u>22</u> No. of Startups <u>66</u> 2011 – Operating Hours <u>380</u> Startup/shutdown hours <u>33</u> No. of Startups <u>98</u>	
3	Natural Gas – Sources of Fuel.	Utility Supplier PG&E <input checked="" type="checkbox"/> SoCalGas <input type="checkbox"/> SDG&E <input type="checkbox"/> Other secondary sources (describe) _____	
4	Natural Gas Average Annual Price (\$/MMBtu)	Utility Gas - 2006 <u>\$8.61</u> , 2007 <u>\$8.72</u> , 2008 <u>\$8.38</u> , 2009 <u>\$8.95</u> , 2010 <u>\$7.40</u> , 2011 <u>\$6.75</u> Other source - 2006 _____, 2007 _____, 2008 _____, 2009 _____, 2010 _____, 2011 _____	<input type="checkbox"/>
5	Water Supply Source/Cost/Consumption (2011)	Average Cost \$ <u>597</u> /acre-ft, Consumption <u>9</u> acre-ft	<input type="checkbox"/>
6	Staffing (average annual cost – 2011 dollars) (please provide staffing in full time equivalents)	Managers <u>1</u> #, Operators _____ #, Mechanics <u>7</u> #, Laborers _____ #, Support Staff _____ #, Other _____ # Total Payroll _____ \$/yr	<input type="checkbox"/>
7	Ongoing Operating Costs (average annual cost – 2011 dollars)	Consumables Costs (Chemicals, etc) <u>12,000</u> \$/yr, Equipment acquisition and leasing costs <u>100,000</u> \$/yr, Regulatory Filings, etc. _____ \$/yr, Ongoing Emissions Offsets Costs _____ Other Direct Costs _____ \$/yr	<input type="checkbox"/>
8	Estimate of Actual Annual Maintenance Costs (2011 dollars)	Normal Annualized Maintenance Costs \$ <u>2.5MM</u> (include major overhauls) Major Overhaul Frequency <u>15</u> yrs, last year of occurrence <u>20</u> , cost of last major overhaul \$ MM _____	<input type="checkbox"/>
9	Fixed versus Variable O&M Costs Definition	For non-fuel costs please list the items considered as fixed cost versus variable O&M cost (please attached separate sheet if needed) Fixed O&M Costs <u>labor, time-interval maintenance, operations equipment costs, insurance, station service energy costs</u> Variable O&M Costs <u>water, chemicals, operation-interval maintenance</u>	<input type="checkbox"/>
10	MID Contact Person for Follow-up Questions	Name <u>Martin Caballero</u> Phone Number <u>(209) 777-0403</u>	

¹ – Confidentiality request shall be limited to information that is not otherwise public information (for example, the unshaded cells). We have provided a shell you can use to complete the formal confidentiality letter request.

MM = Million

Contact Person: Will Walters @ 818-338-6757 or wwalters@aspeneq.com.

Modesto Irrigation District Woodland Generating Station II (01-SPPE-1C) As-Operating Information Request			Confidential <input checked="" type="checkbox"/> 1
#	Operating Cost Information Request Parameter		
1	Total Annual Operating Costs (Cost should be inclusive of fuel and all other operating costs)	2006 - \$ MM <u>19.8</u> 2007 - \$ MM <u>28.9</u> 2008 - \$ MM <u>30.1</u> 2009 - \$ MM <u>28.3</u> 2010 - \$ MM <u>29.9</u> 2011 - \$ MM <u>26.9</u> Total operating cost value basis: 1) Costs are provided <input checked="" type="checkbox"/> with sales and use tax or <input type="checkbox"/> without sales and use tax included	<input type="checkbox"/>
2	Operating hours and Startups/Shutdowns Hours (average considering number of turbines at site)	2006 – Operating Hours <u>6,611</u> Startup/shutdown hours <u>16</u> No. of Startups <u>30</u> 2007 – Operating Hours <u>7,719</u> Startup/shutdown hours <u>18</u> No. of Startups <u>33</u> 2008 – Operating Hours <u>7,524</u> Startup/shutdown hours <u>17</u> No. of Startups <u>31</u> 2009 – Operating Hours <u>7,347</u> Startup/shutdown hours <u>22</u> No. of Startups <u>39</u> 2010 – Operating Hours <u>7,712</u> Startup/shutdown hours <u>18</u> No. of Startups <u>34</u> 2011 – Operating Hours <u>7,536</u> Startup/shutdown hours <u>17</u> No. of Startups <u>32</u>	
3	Natural Gas – Sources of Fuel.	Utility Supplier PG&E <input checked="" type="checkbox"/> SoCalGas <input type="checkbox"/> SDG&E <input type="checkbox"/> Other secondary sources (describe) _____	
4	Natural Gas Average Annual Price (\$/MMBtu)	Utility Gas - 2006 <u>\$8.69</u> 2007 <u>\$8.82</u> 2008 <u>\$8.39</u> 2009 <u>\$8.81</u> 2010 <u>\$7.93</u> 2011 <u>\$7.48</u> Other source - 2006 _____ 2007 _____ 2008 _____ 2009 _____ 2010 _____ 2011 _____	<input type="checkbox"/>
5	Water Supply Source/Cost/Consumption (2011)	Average Cost \$ <u>597</u> /acre-ft, Consumption <u>264</u> acre-ft	<input type="checkbox"/>
6	Staffing (average annual cost – 2011 dollars) (please provide staffing in full time equivalents)	Managers <u>1</u> #, Operators <u>8</u> #, Mechanics <u>3</u> #, Laborers _____ #, Support Staff _____ #, Other _____ # Total Payroll _____ \$/yr	<input type="checkbox"/>
7	Ongoing Operating Costs (average annual cost – 2011 dollars)	Consumables Costs (Chemicals, etc) <u>450,000</u> \$/yr, Equipment acquisition and leasing costs <u>1.3MM</u> \$/yr, Regulatory Filings, etc. _____ \$/yr, Ongoing Emissions Offsets Costs _____ Other Direct Costs _____ \$/yr	<input type="checkbox"/>
8	Estimate of Actual Annual Maintenance Costs (2011 dollars)	Normal Annualized Maintenance Costs \$ <u>5.3MM</u> (include major overhauls) Major Overhaul Frequency <u>7</u> yrs, last year of occurrence <u>2010</u> , cost of last major overhaul \$ MM <u>4.2</u>	<input type="checkbox"/>
9	Fixed versus Variable O&M Costs Definition	For non-fuel costs please list the items considered as fixed cost versus variable O&M cost (please attached separate sheet if needed) Fixed O&M Costs <u>labor, time-interval maintenance, operations equipment costs, insurance, station service energy costs</u> Variable O&M Costs <u>water, chemicals, operation-interval maintenance</u>	<input type="checkbox"/>
10	MID Contact Person for Follow-up Questions	Name <u>Martin Caballero</u> Phone Number <u>(209) 526-7490</u>	

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