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November 2, 2012

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

**Subject: Information Request for As-Operating Project Costs for the Donald
Von Raesfeld Power Plant**

Please find attached the as-operating information requested for Silicon Valley Power's Donald Von Raesfeld Power Plant. The information requested is not recorded in a readily accessible report but every effort was made to find appropriate data and accurately reflect it in the attached form provided.

If there are any questions regarding the data please contact Paul Foster at 408-615-5601 or pfoster@sympower.com.

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California Energy Commission

DOCKETED
12-IEP-1C

TN # 68327

NOV. 02 2012

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Donald Von Raesfeld Power Plant (02-AFC-3C) As-Operating Information Request

#	Operating Cost Information Request Parameter	Confidential ☒
1	Total Annual Operating Costs (Cost should be inclusive of fuel and all other operating costs) <u>FISCAL YEAR JULY - JUNE 30</u>	☐
	05/2006 - \$ MM <u>33.2</u> 06/2007 - \$ MM <u>33.2</u> 07/2008 - \$ MM <u>36.9</u> 08/2009 - \$ MM <u>21.4</u> 09/2010 - \$ MM <u>33.9</u> 10/2011 - \$ MM <u>29.6</u> Total operating cost value basis: 1) Costs are provided ☒ with sales and use tax or ☐ without sales and use tax included	
2	Operating hours and Startups/Shutdowns Hours (average considering number of turbines at site)	
	2006 - Operating Hours <u>3769</u> Startup/shutdown hours <u>588/162</u> No. of Startups <u>162</u> 2007 - Operating Hours <u>5687</u> Startup/shutdown hours <u>532/165</u> No. of Startups <u>165</u> 2008 - Operating Hours <u>3745</u> Startup/shutdown hours <u>665/215</u> No. of Startups <u>215</u> 2009 - Operating Hours <u>3905</u> Startup/shutdown hours <u>329/107</u> No. of Startups <u>107</u> 2010 - Operating Hours <u>4622</u> Startup/shutdown hours <u>452/140</u> No. of Startups <u>140</u> 2011 - Operating Hours <u>4125</u> Startup/shutdown hours <u>447/150</u> No. of Startups <u>150</u>	
3	Natural Gas - Sources of Fuel.	
	Utility Supplier PG&E ☒ SoCalGas ☐ SDG&E ☐ Other secondary sources (describe)	
4	Duct Burner Natural Gas Usage (MMCuft)	
	Duct Burner Fuel Use 2006 <u>42.6</u> 2007 <u>39.1</u> 2008 <u>40.5</u> 2009 <u>25.4</u> 2010 <u>34.1</u> 2011 <u>14.1</u> Duct Burner Hours of Operation 2006 <u>182</u> 2007 <u>198</u> 2008 <u>177</u> 2009 <u>120</u> 2010 <u>161</u> 2011 <u>61</u>	
5	Natural Gas Average Annual Price (\$/MMBtu)	☐
	Utility Gas - 2006 <u>6.30</u> 2007 <u>6.24</u> 2008 <u>6.24</u> 2009 <u>5.58</u> 2010 <u>4.96</u> 2011 <u>4.91</u> Other source - 2006 _____ 2007 _____ 2008 _____ 2009 _____ 2010 _____ 2011 _____	
6	Water Supply Source/Cost/Consumption (2011)	☐
	Average Cost \$ <u>600</u> /acre-ft, Consumption <u>393</u> acre-ft	
7	Staffing (average annual cost - 2011 dollars) (please provide staffing in full time equivalents)	☐
	Managers <u>2</u> #, Operators <u>14</u> #, Mechanics _____ #, Laborers _____ #, Support Staff <u>5</u> #, Other _____ # Total Payroll <u>3 Mil</u> \$/yr	
8	Ongoing Operating Costs (average annual cost - 2011 dollars)	☐
	Consumables Costs (Chemicals, etc) <u>375 K</u> \$/yr, Equipment acquisition and leasing costs <u>40 K</u> \$/yr, Regulatory Filings, etc. <u>90 K</u> \$/yr, Ongoing Emissions Offsets Costs _____ Other Direct Costs <u>80 K</u> \$/yr	
9	Estimate of Actual Annual Maintenance Costs (2011 dollars)	☐
	Normal Annualized Maintenance Costs \$ <u>2 Mil</u> (include major overhauls) Major Overhaul Frequency <u>3</u> yrs, last year of occurrence 20 <u>11</u> , cost of last major overhaul \$ MM <u>2</u>	
10	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>O & M costs and Capital costs</u> Variable O&M Costs <u>Fuel, Pollution Cost, Water & Chemicals</u>	
11	Silicon Valley Power Contact Person for Follow-up Questions	
	Name <u>Pavi Foster</u> Phone Number <u>408 615-5601</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@aspenneg.com.