

001748-EC

Data Detail for Table 11 "Calpine Osprey: Savings (PVRR) when compared to:"  
 (\$ X 1000 )

	2004	2005	2006	2007	2008
TOTAL					
STUDY #1 Calpine (350 MW)					
Fixed Costs	\$142,707	\$158,474	\$165,508	\$197,632	\$194,681
\$859,002					
Variable Cos	\$300,712	\$308,935	\$325,645	\$360,218	\$387,180
*****					
Total Costs	\$443,419	\$467,409	\$491,153	\$557,850	\$581,861
*****					
Bidder 2					
Fixed Costs	\$144,248	\$161,782	\$169,676	\$203,274	\$201,480
\$880,460					
Variable Cos	\$300,554	\$308,774	\$325,492	\$359,661	\$386,166
*****					
Total Costs	\$444,802	\$470,556	\$495,168	\$562,935	\$587,646
*****					
Difference					
Fixed Costs	\$1,541	\$3,308	\$4,168	\$5,642	\$6,799
\$21,458					
Variable Cos	(\$158)	(\$161)	(\$153)	(\$557)	(\$1,014)
(\$2,043)					
Total Costs	\$1,383	\$3,147	\$4,015	\$5,085	\$5,785
\$19,415					
2004 \$ x 100	\$1,383	\$2,973	\$3,583	\$4,288	\$4,608
\$16,835					
STUDY #2 Calpine (100 MW)					
Fixed Costs	\$143,006	\$147,079	\$156,048	\$183,616	\$181,007
\$810,756					
Variable Cos	\$308,026	\$326,234	\$344,791	\$386,958	\$415,260
*****					
Total Costs	\$451,032	\$473,313	\$500,839	\$570,574	\$596,267
*****					
Bidder 3					
Fixed Costs	\$145,117	\$149,189	\$158,163	\$185,735	\$183,149
\$821,353					
Variable Cos	\$308,433	\$326,280	\$344,655	\$386,724	\$415,324
*****					
Total Costs	\$453,550	\$475,469	\$502,818	\$572,459	\$598,473
*****					
Difference					
Fixed Costs	\$2,111	\$2,110	\$2,115	\$2,119	\$2,142
\$10,597					
Variable Cos	\$407	\$46	(\$136)	(\$234)	\$64
\$147					
FOR					
Total Costs	\$2,518	\$2,156	\$1,979	\$1,885	\$2,206
\$10,744					
350 MW					

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\$9,668	2004 \$ x 100	\$2,518	\$2,037	\$1,766	\$1,589	\$1,757
	\$33,837					
	Bidder 4					
\$823,634	Fixed Costs	\$145,242	\$149,507	\$158,474	\$186,396	\$184,015
*****	Variable Cos	\$308,834	\$327,091	\$345,606	\$387,880	\$416,176
*****	Total Costs	\$454,076	\$476,598	\$504,080	\$574,276	\$600,191
	Difference					
\$12,878	Fixed Costs	\$2,236	\$2,428	\$2,426	\$2,780	\$3,008
\$4,318	Variable Cos	\$808	\$857	\$815	\$922	\$916
	FOR					
\$17,196	Total Costs	\$3,044	\$3,285	\$3,241	\$3,702	\$3,924
	350 MW					
\$15,287	2004 \$ x 100	\$3,044	\$3,103	\$2,893	\$3,122	\$3,126
	\$53,506					

STUDY #3 Self-build (350 MW)

\$865,976	Fixed Costs	\$144,044	\$160,705	\$167,228	\$198,776	\$195,223
*****	Variable Cos	\$300,712	\$308,935	\$325,645	\$360,218	\$387,180
*****	Total Costs	\$444,756	\$469,640	\$492,873	\$558,994	\$582,403
\$6,974	Difference	\$1,337	\$2,231	\$1,720	\$1,144	\$542
\$6,376	2004 \$ x 100	\$1,337	\$2,108	\$1,535	\$965	\$431

Notes: Fixed costs include fuel handling charges.  
 Variable costs include start charges.  
 Discount rate for time value of costs is 5.85%.  
 Outlined values correspond to Table 11 values.  
 The self-build option is compared to Calpine's costs in

Study #1.