

**Contra Costa County Fire Protection District -- Performance Based Energy Program**

**Tax Exempt Lease Purchase**

**Cash Flow Analysis**

Opterra Program Fee	\$4,318,845
Client Cash Buydown	-\$300,000
Construction Period Interest	\$0
Financing Fees	\$0
Customer allocated Cost for financing	\$0
Amount to be Financed	\$4,018,845

Finance Term	17+10
Annual Interest Rate	2.91%

Capitalize Interest Period (mos)	10
Annual Escalation of Electricity Cost	5.00%
Annual Escalation of O&M Cost	3.00%

Year	Program Savings & Contributions				Total Program Savings	Program Costs			Net Program Benefit	Lease Payment (*Proposer to input)	Project Net Benefit & Cashflow
	Self Generation Savings	Utility Cost Avoidance (Efficiency)	O&M Savings	HVAC Capital Cost Avoidance		O&M/M&V Cost	O&M (Solar PV) Cost*	Total Program Costs			
1	\$185,086	\$9,180	\$20,170	\$51,316	\$265,751	\$0	\$0	\$0	\$265,751	\$243,631	\$22,120
2	\$193,368	\$9,639	\$20,776	\$51,316	\$275,099	\$0	\$0	\$0	\$275,099	\$253,378	\$21,721
3	\$202,021	\$10,121	\$21,399	\$51,316	\$284,857	\$0	\$23,355	\$23,355	\$261,502	\$239,780	\$21,722
4	\$211,062	\$10,627	\$22,041	\$51,316	\$295,046	\$0	\$24,056	\$24,056	\$270,990	\$249,268	\$21,722
5	\$220,507	\$11,158	\$22,702	\$51,316	\$305,683	\$0	\$24,777	\$24,777	\$280,905	\$259,182	\$21,723
6	\$230,375	\$11,716	\$23,383	\$51,316	\$316,789	\$0	\$25,521	\$25,521	\$291,269	\$269,546	\$21,723
7	\$240,684	\$12,302	\$24,085	\$51,316	\$328,387	\$0	\$26,286	\$26,286	\$302,100	\$280,378	\$21,722
8	\$251,454	\$12,917	\$24,807	\$51,316	\$340,494	\$0	\$27,075	\$27,075	\$313,419	\$291,696	\$21,723
9	\$262,707	\$13,563	\$25,551	\$51,316	\$353,137	\$0	\$27,887	\$27,887	\$325,250	\$303,526	\$21,724
10	\$274,463	\$14,241	\$26,318	\$51,316	\$366,338	\$0	\$28,724	\$28,724	\$337,614	\$315,892	\$21,722
11	\$286,745	\$14,953	\$27,107	\$51,316	\$380,121	\$0	\$29,585	\$29,585	\$350,536	\$328,814	\$21,722
12	\$299,577	\$15,701	\$27,921	\$51,316	\$394,515	\$0	\$30,473	\$30,473	\$364,042	\$342,320	\$21,722
13	\$312,983	\$16,486	\$28,758	\$51,316	\$409,543	\$0	\$31,387	\$31,387	\$378,156	\$356,434	\$21,722
14	\$326,989	\$17,310	\$29,621	\$51,316	\$425,236	\$0	\$32,329	\$32,329	\$392,907	\$371,184	\$21,723
15	\$341,622	\$18,176	\$30,510	\$51,316	\$441,624	\$0	\$33,299	\$33,299	\$408,325	\$386,602	\$21,723
16	\$356,910	\$19,085	\$31,425	\$51,316	\$458,735	\$0	\$34,297	\$34,297	\$424,438	\$399,478	\$28,960
17	\$372,881	\$20,039	\$32,368	\$51,316	\$476,604	\$0	\$35,326	\$35,326	\$441,278	\$415,776	\$25,502
18	\$389,568	\$21,041	\$33,339	\$51,316	\$495,264	\$0	\$36,386	\$36,386	\$458,877		\$458,877
19	\$407,001	\$22,093	\$34,339	\$51,316	\$514,749	\$0	\$37,478	\$37,478	\$477,271		\$477,271
20	\$425,214	\$23,198	\$0	\$0	\$448,412	\$0	\$38,602	\$38,602	\$409,810		\$409,810
21	\$444,243	\$0	\$0	\$0	\$444,243	\$0	\$39,760	\$39,760	\$404,482		\$404,482
22	\$464,122	\$0	\$0	\$0	\$464,122	\$0	\$40,953	\$40,953	\$423,169		\$423,169
23	\$484,892	\$0	\$0	\$0	\$484,892	\$0	\$42,182	\$42,182	\$442,710		\$442,710
24	\$506,591	\$0	\$0	\$0	\$506,591	\$0	\$43,447	\$43,447	\$463,144		\$463,144
25	\$529,261	\$0	\$0	\$0	\$529,261	\$0	\$44,750	\$44,750	\$484,510		\$484,510
26	\$552,945	\$0	\$0	\$0	\$552,945	\$0	\$46,093	\$46,093	\$506,852		\$506,852
27	\$577,690	\$0	\$0	\$0	\$577,690	\$0	\$47,476	\$47,476	\$530,214		\$530,214
28	\$603,541	\$0	\$0	\$0	\$603,541	\$0	\$48,900	\$48,900	\$554,641		\$554,641
29	\$630,550	\$0	\$0	\$0	\$630,550	\$0	\$50,367	\$50,367	\$580,183		\$580,183
30	\$658,767	\$0	\$0	\$0	\$658,767	\$0	\$51,878	\$51,878	\$606,889		\$606,889
<b>Totals</b>	<b>\$11,243,819</b>	<b>\$303,546</b>	<b>\$506,620</b>	<b>\$975,000</b>	<b>\$13,028,985</b>	<b>\$0</b>	<b>\$1,002,648</b>	<b>\$1,002,648</b>	<b>\$12,026,337</b>	<b>\$5,302,885</b>	<b>\$6,723,452</b>