



ESTIMATED SAVINGS ANALYSIS

292 kw Photovoltaic System

The Collection

600 Ala Moana Blvd Honolulu 96813

Annual Solar Saving Analysis								Average Monthly Savings					
Year	Utility Rate (\$/kWh)	Solar Rate (\$/kWh)	Annual PPA Payments	Electric Without Solar	Utility with Solar	Solar Output Value	Annual Savings	PPA Payment	Electric Without Solar	Electric with Solar	Average Monthly Solar Savings	Annual Savings	Degradation Output
1	\$0.208	\$0.160	\$69,269	\$853,428	\$832,669	\$90,029	\$20,759	\$5,772.44	\$71,119.00	\$69,389.06	\$1,729.94	20,759	432,933
2	\$0.214	\$0.160	\$68,923	\$879,031	\$855,688	\$92,266	\$23,343	\$5,743.58	\$73,252.57	\$71,307.33	\$1,945.24	23,343	430,769
3	\$0.221	\$0.160	\$68,578	\$905,402	\$879,422	\$94,559	\$25,980	\$5,714.86	\$75,450.15	\$73,285.13	\$2,165.02	25,980	428,615
4	\$0.227	\$0.160	\$68,235	\$932,564	\$903,891	\$96,908	\$28,673	\$5,686.29	\$77,713.65	\$75,324.24	\$2,389.41	28,673	426,472
5	\$0.234	\$0.160	\$67,894	\$960,541	\$929,118	\$99,317	\$31,422	\$5,657.86	\$80,045.06	\$77,426.54	\$2,618.52	31,422	424,339
6	\$0.241	\$0.160	\$67,555	\$989,357	\$955,127	\$101,785	\$34,230	\$5,629.57	\$82,446.41	\$79,593.93	\$2,852.48	34,230	422,218
7	\$0.248	\$0.160	\$67,217	\$1,019,038	\$981,941	\$104,314	\$37,097	\$5,601.42	\$84,919.81	\$81,828.40	\$3,091.41	37,097	420,107
8	\$0.256	\$0.160	\$66,881	\$1,049,609	\$1,009,584	\$106,906	\$40,025	\$5,573.41	\$87,467.40	\$84,131.97	\$3,335.43	40,025	418,006
9	\$0.263	\$0.160	\$66,547	\$1,081,097	\$1,038,081	\$109,563	\$43,016	\$5,545.55	\$90,091.42	\$86,506.74	\$3,584.68	43,016	415,916
10	\$0.271	\$0.160	\$66,214	\$1,113,530	\$1,067,458	\$112,285	\$46,072	\$5,517.82	\$92,794.16	\$88,954.87	\$3,839.30	46,072	413,836
11	\$0.279	\$0.160	\$65,883	\$1,146,936	\$1,097,743	\$115,076	\$49,193	\$5,490.23	\$95,577.99	\$91,478.58	\$4,099.41	49,193	411,767
12	\$0.288	\$0.160	\$65,553	\$1,181,344	\$1,128,962	\$117,935	\$52,382	\$5,462.78	\$98,445.33	\$94,080.16	\$4,365.16	52,382	409,708
13	\$0.296	\$0.160	\$65,226	\$1,216,784	\$1,161,144	\$120,866	\$55,640	\$5,435.46	\$101,398.69	\$96,761.99	\$4,636.70	55,640	407,660
14	\$0.305	\$0.160	\$64,899	\$1,253,288	\$1,194,318	\$123,870	\$58,970	\$5,408.29	\$104,440.65	\$99,526.48	\$4,914.17	58,970	405,622
15	\$0.315	\$0.160	\$64,575	\$1,290,886	\$1,228,514	\$126,948	\$62,373	\$5,381.25	\$107,573.87	\$102,376.14	\$5,197.73	62,373	403,593
16	\$0.324	\$0.160	\$64,252	\$1,329,613	\$1,263,763	\$130,102	\$65,850	\$5,354.34	\$110,801.08	\$105,313.56	\$5,487.52	65,850	401,575
17	\$0.334	\$0.160	\$63,931	\$1,369,501	\$1,300,097	\$133,335	\$69,405	\$5,327.57	\$114,125.12	\$108,341.40	\$5,783.71	69,405	399,568
18	\$0.344	\$0.160	\$63,611	\$1,410,586	\$1,337,549	\$136,649	\$73,038	\$5,300.93	\$117,548.87	\$111,462.40	\$6,086.47	73,038	397,570
19	\$0.354	\$0.160	\$63,293	\$1,452,904	\$1,376,153	\$140,044	\$76,751	\$5,274.43	\$121,075.34	\$114,679.39	\$6,395.95	76,751	395,582
20	\$0.365	\$0.160	\$62,977	\$1,496,491	\$1,415,943	\$143,525	\$80,548	\$5,248.05	\$124,707.60	\$117,995.27	\$6,712.33	80,548	393,604
21	\$0.376	\$0.160	\$62,663	\$1,541,386	\$1,454,295	\$147,091	\$84,391	\$4,166.67	\$128,448.82	\$120,357.89	\$7,029.93	84,391	391,636
22	\$0.387	\$0.000	\$0	\$1,587,627	\$1,436,881	\$150,746	\$88,246	\$0.00	\$132,302.29	\$119,740.09	\$7,342.20	88,246	389,678
23	\$0.398	\$0.000	\$0	\$1,635,256	\$1,480,764	\$154,492	\$92,104	\$0.00	\$136,271.36	\$123,396.99	\$7,654.37	92,104	387,729
24	\$0.410	\$0.000	\$0	\$1,684,314	\$1,525,982	\$158,332	\$96,066	\$0.00	\$140,359.50	\$127,165.20	\$7,966.30	96,066	385,791
25	\$0.423	\$0.000	\$0	\$1,734,843	\$1,572,577	\$162,266	\$100,000	\$0.00	\$144,570.28	\$131,048.11	\$8,278.19	100,000	383,862
26	\$0.435	\$0.000	\$0	\$1,786,889	\$1,620,590	\$166,298	\$103,733	\$0.00	\$148,907.39	\$135,049.19	\$8,589.20	103,733	381,943
27	\$0.448	\$0.000	\$0	\$1,840,495	\$1,670,064	\$170,431	\$107,466	\$0.00	\$153,374.61	\$139,172.04	\$8,900.63	107,466	380,033
28	\$0.462	\$0.000	\$0	\$1,895,710	\$1,721,044	\$174,666	\$111,000	\$0.00	\$157,975.85	\$143,420.34	\$9,212.51	111,000	378,133
29	\$0.476	\$0.000	\$0	\$1,952,582	\$1,773,575	\$179,007	\$114,533	\$0.00	\$162,715.13	\$147,797.91	\$9,524.42	114,533	376,242
30	\$0.490	\$0.000	\$0	\$2,011,159	\$1,827,704	\$183,455	\$118,066	\$0.00	\$167,596.58	\$152,308.67	\$9,836.91	118,066	374,361
Totals	\$0.330	\$0.112	\$1,371,514	\$40,602,192	\$38,030,640	\$3,943,066	\$2,571,552	\$114,293	\$3,383,516	\$3,169,220	\$214,296	\$2,571,552	88%

