GFile
C: BC
GJI
GKD
WT

MORIHARA LAU & FONG LLP
A LIMITED LIABILITY LAW PARTNERSHIP

FILED
2011 MAR 22 P 3:37
PUBLIC UTILITIES COMMISSION

March 22, 2011

The Honorable Chair and Members of the
Hawaii Public Utilities Commission
465 South King Street
Kekuanaoa Building, Room 103
Honolulu, HI 96813
Attention: Kaiulani Kidani Shinsato, Esq.

Re: Kauai Island Utility Cooperative's ("KIUC") 2010 Annual Net Energy Metering ("NEM") Program Activity Summary

Dear Commissioners and Commission Staff:

Pursuant to Hawaii Revised Statutes ("HRS") § 269-103,[1] please find enclosed KIUC's Annual NEM Program Activity Summary for the year ending December 31, 2010 ("2010 NEM Summary"). See Attachment A.

As indicated in the 2010 NEM Summary, the total rated generating capacity produced by eligible customer-generators that are customers of KIUC in its service area for the year ending December 31, 2010 was approximately 785 kilowatts ("kW"). The attached 2010 NEM Summary also includes (1) information regarding the NEM information packets mailed to customers, installations and kilowatt-hours inflows associated with the installations, and (2) a breakdown of NEM program activity on the island of Kauai in 2005, 2006, 2007, 2008, 2009, and 2010 for purposes of comparison.

Finally, although KIUC recognizes that information relating to its Schedule "Q" Modified Tariff customers are not part of the NEM statutory reporting requirement under HRS § 269-103, please also find enclosed additional information reflecting, among other things, the type, amount, and progress of Schedule "Q" installations that were completed from 2007 to 2010 ("2010 Schedule "Q" Summary"). See Attachment B. As noted in the 2010 Schedule "Q" Summary and as previously mentioned in a related filing (i.e., Transmittal No. 08-01), the Schedule "Q" Modified Tariff provides a feasible alternative for customers requesting, but who are unable to obtain, service from KIUC under its NEM Tariff.

[1] HRS § 269-103 provides, in relevant part, that "[o]n an annual basis, beginning in 2003, every electric utility shall make available to the public utilities commission information on the total rated generating capacity produced by eligible customer-generators that are customers of that utility in the utility's service area."

We thank you for your consideration of this matter. If you should have any questions, please do not hesitate to contact the undersigned.

Very truly yours,

Lauren M. Imada-Lee

Kent D. Morihara
Kris N. Nakagawa
Lauren M. Imada-Lee

Morihara Lau & Fong LLP
Attorneys for Kauai Island Utility Cooperative

Enclosures

c w/enc.: Consumer Advocate

ATTACHMENT A

Attachment A
Updated NEM Status Report
Kauai Island Utility Cooperative
NEM Installations

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Energy Produced (kWh)	Connection Date	Surplus Energy 2005 (kWh)	Surplus Energy 2006 (kWh)	Surplus Energy 2007 (kWh)	Surplus Energy 2008 (kWh)	Surplus Energy 2009 (kWh)	Surplus Energy 2010 (kWh)	Zip Codes
1	Res	PV	2.1	4.0	2.1	2,943	11/26/01	1,261	1,225	1,132	1,248	1,158	1,254	96714
2	Res	PV	4.8	5.5	4.8	6,728	12/6/01	196	79	66	137	1	1,876	96741
3	Com	PV	20.0	20.0	20.0	28,032	4/24/02	0	0	0	80	0	0	96714
4	Res	PV	2.1	2.5	2.1	2,943	6/13/02	190	487	333	742	372	416	96754
5	Res	PV	2.1	2.5	2.1	2,943	6/13/02	1,113	672	515	761	664	712	96754
6	Res	PV	3.2	5.5	3.2	4,485	6/20/02	1,560	563	918	850	19	3	96754
7	Res	PV	1.0	2.5	1.0	1,402	10/8/02	28	300	554	516	181	43	96714
8	Res	PV	1.4	4.0	1.4	1,962	10/8/02	318	205	164	457	0	48	96714
9	Res	PV	1.4	4.0	1.4	1,892	12/20/02	155	0	303	211	263	110	96722
10	Res	PV	3.2	2.0	2.0	4,485	12/20/02	563	484	582	725	2,154	1,388	96714
11	Res	PV	1.8	4.0	1.8	2,523	12/20/02	0	0	0	4	1	10	96714
12	Res	PV	3.3	4.0	3.3	4,625	5/12/03	0	1,781	0	0	0	0	96703
13	Res	PV	4.0	4.0	4.0	5,606	7/1/03	481	74	0	3	117	0	96746
14	Res	PV	2.4	4.0	2.4	3,364	9/29/03	1,630	821	496	88	309	0	96754
15	Res	PV	2.4	2.5	2.4	3,392	11/13/03	1,408	1,399	2,289	2,263	1,384	198	96722
16	Res	PV	3.0	3.5	3.0	4,261	1/12/04	2,297	1,600	1,457	1,786	1,742	1,906	96754
17	Res	PV	0.8	1.1	0.8	1,051	5/18/04	591	628	648	414	499	620	96746
18	Res	PV	1.6	1.8	1.6	2,243	5/25/04	520	683	483	693	1,121	1,125	96796
19	Res	PV	1.6	2.5	1.6	2,243	7/1/04	665	451	399	483	420	91	96754
20	Com	PV	25.0	20.0	20.0	35,040	7/1/04	200	200	300	500	600	400	96766
21	Res	PV	2.2	2.5	2.2	3,084	7/7/04	1,373	1,254	1,194	1,409	675	1,072	96703
22	Res	PV	1.2	4.0	1.2	1,682	7/14/04	417	282	52	0	3	0	96746
23	Res	PV	2.5	2.5	2.5	3,504	12/29/04	785	264	214	146	257	0	96746
24	Res	PV	5.0	5.5	5.0	7,008	1/5/05	2,402	2,310	2,568	1,790	2,494	2,914	96765
25	Res	PV	2.0	2.5	2.0	2,803	3/15/05	649	555	1,046	1,031	892	1,051	96746
26	Res	PV	3.5	6.0	3.5	4,906	10/21/05	148	1,048	822	390	838	734	96746
27	Res	PV	5.8	6.0	5.8	8,129	11/23/05		2,213	2,794	2,111	2,241	2,007	96766
28	Res	PV	2.0	2.0	2.0	2,803	3/6/06		644	1,081	1,019	771	899	96746
29	Res	PV	3.0	8.0	3.0	4,205	4/19/06		605	1,051	1,804	1,900	2,007	96746
30	Res	PV	12.0	12.0	12.0	16,819	5/12/06		1,091	3,655	2,125	6,356	8,342	96722
31	Res	PV	3.0	6.0	3.0	4,205	5/12/06		2,349	3,529	3,038	2,962	2,537	96722
32	Res	PV	3.0	3.0	3.0	4,205	5/15/06		216	0	326	255	570	96754
33	Res	PV	1.0	5.0	1.0	1,402	6/15/06		31	745	365	82	2	96746
34	Res	PV	1.0	2.0	1.0	1,402	6/21/06		372	1,416	1,134	982	891	96741
35	Res	PV	2.0	2.5	2.0	2,803	9/7/06		27	78	144	128	119	96754
36	Res	PV	3.0	3.0	3.0	4,205	10/6/06		374	2,433	2,107	1,349	3,382	96746
37	Res	PV	1.0	3.0	1.0	1,402	10/6/06		98	670	450	261	426	96746
38	Res	PV	2.7	3.6	2.7	3,784	10/27/06		197	1,795	1,972	1,872	1,517	96754
39	Res	PV	1.6	3.8	1.6	2,243	11/21/06		37	1,749	1,798	1,660	1,867	96766
40	Res	PV	1.5	3.0	1.5	2,102	11/24/06		19	241	288	283	319	96754
41	Res	PV	2.0	3.0	2.0	2,803	12/19/06		0	2,573	2,297	2,151	2,330	96746
42	Res	PV	3.5	3.5	3.5	4,906	1/17/07			1,786	1,860	1,606	2,002	96705
43	Res	PV	3.1	3.0	3.0	4,345	1/24/07			487	420	622	1,107	96746
44	Res	PV	3.2	4.0	3.2	4,485	1/26/07				4,664	4,522	4,301	96766
45	Com	PV	9.2	10.4	9.2	12,895	2/1/07			4,855	8,968	10,784	10,977	96716
46	Res	PV	2.8	2.8	2.8	3,924	2/9/07			2,596	2,694	1,963	2,837	96746
47	Res	PV	3.5	3.2	3.2	4,906	2/9/07			1,484	1,680	1,780	1,031	96746
48	Res	PV	1.0	3.0	1.0	1,402	4/7/07			296	1,735	1,294	1,471	96741
49	Res	PV	4.2	6.0	4.2	5,887	4/9/07			2,120	3,577	2,453	2,384	96703
50	Res	PV	3.0	3.0	3.0	4,205	5/10/07			1,386	2,557	3,602	3,091	96752
51	Res	PV	1.8	2.0	1.8	2,523	5/21/07			616	952	618	864	96754
52	Res	PV	3.0	3.0	3.0	4,205	6/7/07			166	317	902	0	96722
53	Res	PV	2.3	2.3	2.3	3,224	7/10/07			574	1,271	1,020	0	96752
54	Res	PV	2.3	2.5	2.3	3,224	7/17/07			166	918	1,975	582	96754
55	Res	PV	1.6	1.6	1.6	2,243	7/17/07			338	612	468	527	96714
56	Res	PV	3.0	3.0	3.0	4,205	8/2/07			1,234	3,239	3,039	3,150	96746
57	Com	PV	18.5	18.5	18.5	25,930	8/14/07			2,260	16,765	13,616	15,220	96746
58	Res	PV	3.0	6.0	3.0	4,205	10/17/07			112	441	366	202	96722
59	Res	PV	1.2	1.5	1.2	1,682	10/20/07			112	349	69	846	96741

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Energy Produced (kWh)	Connection Date	Surplus Energy 2005 (kWh)	Surplus Energy 2006 (kWh)	Surplus Energy 2007 (kWh)	Surplus Energy 2008 (kWh)	Surplus Energy 2009 (kWh)	Surplus Energy 2010 (kWh)	Zip Codes
60	Res	PV	6.0	6.0	6.0	8,410	10/30/07			0	1,441	3,375	3,060	96766
61	Res	PV	3.8	3.8	3.8	5,326	10/15/07			89	2,358	2,060	1,000	96741
62	Res	PV	3.0	3.0	3.0	4,205	11/27/07			0	863	407	1,193	96746
63	Res	PV	3.1	3.0	3.0	4,345	12/15/07			0	132	62	9	96754
64	Res	PV	2.7	3.8	2.7	3,784	12/15/07			0	1,833	1,570	1,622	96741
65	Res	PV	3.1	3.0	3.0	4,345	12/17/07			0	2,947	2,857	2,917	96714
66	Res	PV	0.8	1.6	0.8	1,121	12/17/07			0	996	904	999	96746
67	Res	PV	5.9	6.0	5.9	8,269	12/20/07			0	3,674	4,271	5,074	96766
68	Res	PV	3.1	3.0	3.0	4,345	12/21/07			0	181	245	290	96756
69	Res	PV	6.0	6.0	6.0	8,410	12/21/07			0	4,659	5,175	5,703	96756
70	Res	PV	5.1	5.0	5.0	7,148	12/26/07			0	5,530	6,255	5,286	96716
71	Res	PV	5.1	5.0	5.0	7,148	12/26/07			0	5,217	5,494	6,282	96766
72	Com	PV	32.6	28.0	28.0	45,692	12/27/07			0	31,240	34,440	32,000	96752
73	Com	PV	29.4	30.0	29.4	41,207	12/27/07			0	5,240	3,120	6,000	96766
74	Com	PV	32.6	28.0	28.0	45,692	12/27/07			0	40,000	44,600	42,640	96752
75	Res	PV	4.2	6.0	4.2	5,887	12/28/07			0	4,514	4,559	4,670	96765
76	Res	PV	3.8	4.0	3.8	5,326	1/8/08				4	27	260	96746
77	Com	PV	14.7	14.0	14.0	20,604	1/14/08				0	100	0	96766
78	Res	PV	4.8	4.0	4.0	6,728	2/3/08				2,853	2,291	3,199	96746
79	Res	PV	3.5	3.0	3.0	4,906	2/5/08				0	1,508	2,800	96746
80	Com	PV	5.0	5.0	5.0	7,008	2/8/08				0	960	1,449	96722
81	Com	PV	9.8	10.0	9.8	13,736	2/8/08				0	443	894	96722
82	Com	PV	9.8	10.0	9.8	13,736	2/8/08				0	3,121	3,359	96722
83	Com	PV	55.8	50.0	50.0	78,209	2/10/08				6,400	7,320	40	96746
84	Com	PV	36.0	30.0	30.0	50,458	2/12/08				240	840	720	96741
85	Res	PV	1.8	4.0	1.8	2,523	3/3/08				1,831	2,109	2,101	96741
86	Res	PV	3.1	3.0	3.0	4,345	3/3/08				2,247	2,599	2,521	96703
87	Res	PV	3.0	3.0	3.0	4,205	3/19/08				1,975	2,441	2,553	96766
88	Res	PV	2.0	4.0	2.0	2,803	4/3/08				1,571	1,989	1,748	96766
89	Res	PV	1.8	3.0	1.8	2,523	4/3/08				1,244	1,306	1,464	96722
90	Res	PV	3.1	2.5	2.5	4,345	4/10/08				1,848	2,001	2,092	96722
91	Res	PV	4.3	4.0	4.0	6,027	4/15/08				2,624	4,099	4,321	96756
92	Res	PV	4.0	7.2	4.0	5,606	4/18/08				1,508	4,225	2,520	96746
93	Res	PV	3.0	3.0	3.0	4,205	4/22/08				1,228	958	410	96756
94	Res	PV	1.8	3.0	1.8	2,523	5/12/08				1,083	1,639	1,746	96746
95	Res	PV	2.4	3.0	2.4	3,364	5/14/08				1,548	2,502	2,859	96746
96	Res	PV	1.4	3.0	1.4	1,962	5/14/08				712	1,687	1,792	96746
97	Res	PV	1.8	7.0	1.8	2,523	5/14/08				4	21	107	96746
98	Res	PV	3.1	3.0	3.0	4,345	5/21/08				0	380	0	96754
99	Res	PV	4.0	5.0	4.0	5,606	5/19/08				2,520	2,425	2,065	96714
100	Res	PV	3.0	3.0	3.0	4,205	5/28/08				1,282	1,708	1,380	96754
101	Res	PV	6.7	7.0	6.7	9,391	5/29/08				2,440	6,114	5,825	96752
102	Res	PV	1.3	2.0	1.3	1,822	6/2/08				737	1,893	1,438	96741
103	Res	PV/W	6.5	6.9	6.5	9,110	6/3/08				2,398	3,032	3,377	96703
104	Res	PV	2.7	4.0	2.7	3,784	6/6/08				694	946	1,817	96722
105	Res	PV	2.8	3.0	2.8	3,924	6/19/08				1,672	2,975	3,035	96746
106	Res	PV	2.2	3.0	2.2	3,084	6/19/08				362	1,898	2,576	96765
107	Res	PV	3.0	4.0	3.0	4,205	7/2/08				1,134	2,516	2,405	96756
108	Res	PV	3.0	3.0	3.0	4,205	7/7/08				11	1,097	1,265	96752
109	Res	PV	2.0	3.0	2.0	2,803	7/11/08				727	2,271	2,953	96705
110	Res	PV	3.1	4.0	3.1	4,345	7/11/08				1,265	2,829	3,138	96766
111	Res	PV	3.3	4.0	3.3	4,625	7/11/08				1,112	3,323	3,443	96746
112	Res	PV	1.9	4.0	1.9	2,663	7/17/08				634	1,404	1,325	96746
113	Res	PV	3.0	4.0	3.0	4,205	7/17/08				1,359	3,080	3,458	96746
114	Res	PV	3.5	4.0	3.5	4,906	7/20/08				1,066	2,929	3,549	96766
115	Res	PV	6.0	6.0	6.0	8,410	7/25/08				2,128	5,032	4,778	96754
116	Res	PV	4.0	4.0	4.0	5,606	7/30/08				905	1,813	2,773	96766
117	Res	PV	3.0	3.0	3.0	4,205	8/1/08				171	1,600	0	96746
118	Res	PV	1.3	1.5	1.3	1,822	8/7/08				49	202	136	96766
119	Res	PV	4.0	5.0	4.0	5,606	8/7/08				1,414	4,213	4,450	96756
120	Res	PV	4.0	4.0	4.0	5,606	8/7/08				1,320	3,862	4,065	96756
121	Res	PV	6.0	6.0	6.0	8,410	8/11/08				346	1,104	1,958	96754
122	Res	PV	3.0	4.0	3.0	4,205	8/11/08				1,033	2,482	2,545	96766
123	Res	PV	1.8	1.8	1.8	2,523	8/12/08				185	428	449	96746
124	Res	PV	3.3	3.0	3.0	4,625	8/12/08				1,071	3,154	2,938	96746
125	Res	PV	4.0	4.0	4.0	5,606	8/13/08				982	2,904	3,141	96766
126	Res	PV	4.0	4.0	4.0	5,606	8/18/08				1,512	4,332	4,615	96766

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Energy Produced (kWh)	Connection Date	Surplus Energy 2005 (kWh)	Surplus Energy 2006 (kWh)	Surplus Energy 2007 (kWh)	Surplus Energy 2008 (kWh)	Surplus Energy 2009 (kWh)	Surplus Energy 2010 (kWh)	Zip Codes
127	Res	PV	3.5	4.0	3.5	4,906	8/28/08				1,038	3,342	3,656	96766
128	Res	PV	5.9	7.0	5.9	8,269	8/29/08				1,476	5,663	6,646	96756
129	Res	PV	1.0	1.8	1.0	1,402	9/18/08				214	839	800	96714
130	Res	PV	1.1	3.0	1.1	1,542	9/19/08				104	299	311	96754
131	Res	PV	5.0	5.0	5.0	7,008	9/25/08				267	1,437	988	96746
132	Res	PV	7.0	7.0	7.0	9,811	9/30/08				525	3,719	3,960	96746
133	Res	PV	5.0	5.0	5.0	7,008	10/7/08				607	2,582	2,504	96714
134	Res	PV	6.3	7.0	6.3	8,830	10/8/08				666	5,855	5,874	96765
135	Res	PV	3.0	3.0	3.0	4,205	10/9/08				408	3,221	3,508	96756
136	Res	Wind	1.8	1.8	1.8	2,523	10/23/08				162	912	263	96703
137	Res	Wind	1.8	1.8	1.8	2,523	10/23/08				102	563	546	96703
138	Res	PV	1.8	7.0	1.8	2,523	10/30/08				48	490	1,703	96746
139	Res	PV	1.6	1.8	1.6	2,243	10/31/08				0	124	351	96741
140	Res	PV	2.6	4.0	2.6	3,644	11/6/08				197	2,824	2,998	96756
141	Res	PV	3.0	3.0	3.0	4,205	11/12/08				56	447	261	96746
142	Res	PV	3.0	3.0	3.0	4,205	11/15/08				2	58	86	96746
143	Res	PV	3.1	3.0	3.0	4,345	11/15/08				0	3	2	96714
144	Res	PV	6.0	6.0	6.0	8,410	11/15/08				271	3,606	2,038	96703
145	Com	PV	46.6	42.0	42.0	65,315	12/8/08				100	1,020	5,480	96766
146	Res	PV	3.0	7.0	3.0	4,205	12/11/08				6	1,949	925	96722
147	Res	PV	3.0	3.0	3.0	4,205	12/11/08				0	870	862	96722
148	Com	PV	17.6	18.0	17.6	24,668	12/16/08				0	9,014	11,246	96766
149	Com	PV	36.0	36.0	36.0	50,458	12/18/08				0	33,157	37,480	96766
150	Res	PV	5.2	5.0	5.0	7,288	12/24/08				0	2,726	3,521	96766
151	Res	PV	3.6	4.0	3.6	5,046	1/7/09					2,864	2,638	96722
152	Com	PV	33.2	35.0	33.2	46,533	1/7/09					7,120	6,680	96746
153	Res	PV	5.0	5.0	5.0	7,008	1/8/09					4,255	3,621	96752
154	Res	PV	5.8	6.0	5.8	8,129	1/23/09					330	27	96714
155	Com	PV	14.0	14.0	14.0	19,622	2/5/09					893	880	96766
156	Res	PV	0.2	3.0	0.2	280	3/11/09					0	0	96766
157	Res	PV	6.2	6.0	6.0	8,690	4/7/09					4,150	3,168	96754
158	Res	PV	3.0	3.0	3.0	4,205	4/14/09					1,847	3,360	96752
159	Res	PV	4.0	4.0	4.0	5,606	4/13/09					4,365	5,843	96754
160	Res	PV	10.0	10.0	10.0	14,016	4/16/09					7,162	12,037	96754
161	Res	PV	6.0	6.0	6.0	8,410	6/3/09					5,352	3,120	96754
162	Res	PV	5.0	5.0	5.0	7,008	6/9/09					4,960	5,426	96741
163	Com	PV	15.4	14.0	14.0	21,585	6/30/09					0	0	96766
164	Res	PV	3.0	3.0	3.0	4,205	8/18/09					1,038	267	96795
165	Com	PV	32.0	30.0	30.0	44,851	12/15/09					0	0	96766
166	Com	PV	19.8	21.0	19.8	27,752	12/30/09					0	0	96766
			kW	kW	kW	kWh			kWh	kWh	kWh	kWh	kWh	
		Totals	**981**	**1056**	**941**	**1,375,194**			**25,638**	**61,022**	**267,247**	**454,698**	**469,451**	

Notes:

1. **NEM Customer #**
2. **Customer Type**: Res = Residential, Com = Commercial
3. **System Type**: PV = Photovoltaic, W=Wind
4. **Panel capacity**: Capacity of PV panels in kWdc. Panel capacity is derated by 20% to determine the 1% limit.
5. **Inverter Capacity**: Capacity of inverter in kWac
6. **Energy Produced**: Estimated using the panel capacity, 80% efficiency, and 20% capacity factor
7. **Connection date**: Date KIUC installed the NEM meter
8. **Surplus Energy**: Energy flowing onto the KIUC grid
9. 1/2% allocated to systems 10kW or less and 1/2% allocated for systems greater than 10kW and 50kW or less

Application Information	**Prior**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**Total thru 2010**
Packets Mailed	89	22	48	95	179	83	0	516
Units installed	23	4	14	34	75	16	0	166
kWdc installed systems	93	16	39	217	450	166	0	981

Installed kW	**Prior**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	
KIUC Peak (MW)		76.2	76.8	77.5	77.8	75.4	76	MW
Max allowable NEM kW (1% of Peak)		381	384	775	778	754	760	kWac
Installed NEM AC Panel Capacity kW	74	88	119	292	652	785	785	kWac
Installed NEM kW as a percent of KIUC Peak		0.11%	0.15%	0.38%	0.84%	1.04%	1.03%	

ATTACHMENT B

Attachment B
Schedule Q Modified and Larger Systems[1]
Kauai Island Utility Cooperative

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Estimated Energy Produced (kWh)	Connection Date	Zip Codes
1	Com	PV	680	550	550.0	953,088	12/10/07	96766
2	Res	PV	2	3	2.0	2,803	06/19/08	96756
3	Res	W	1.8	1.8	1.8	2,523	07/08/08	96741
4	Res	PV	4	4	4.0	5,606	08/07/08	96741
5	Res	PV	5.25	5	5.0	7,358	08/13/08	96756
6	Res	PV	4	5.1	4.0	5,606	08/21/08	96722
7	Com	PV	277	300	277.0	388,243	08/29/08	96756
8	Res	PV	2.7	3	2.7	3,784	09/02/08	96754
9	Res	PV	8	7	7.0	11,213	09/30/08	96716
10	Res	PV	1.8	3	1.8	2,523	10/08/08	96746
11	Res	PV	2.25	3	2.3	3,154	10/23/08	96741
12	Res	W	1.8	1.8	1.8	2,523	10/27/08	96754
13	Res	PV	2.3	3	2.3	3,224	10/30/08	96754
14	Res	PV	4	5.1	4.0	5,606	10/31/08	96746
15	Res	PV	2.1	4	2.1	2,943	11/06/08	96741
16	Com	PV	110	95	95.0	154,176	11/05/08	96766
17	Res	PV	1.8	2	1.8	2,523	12/11/08	96766
18	Com	PV	280	250	250.0	392,448	12/16/08	96796
19	Res	PV	1.6	4	1.6	2,243	12/24/08	96752
20	Com	PV	504	750	504.0	706,406	12/24/08	96766
21	Com	PV	105	98	98.0	147,168	12/29/08	96766
22	Res	PV	1.46	5	1.5	2,046	12/19/08	96746
23	Res	PV	10.6	10	10.0	14,857	01/12/09	96722
24	Res	PV	2.73	3	2.7	3,826	01/15/09	96754
25	Res	PV	2.15	5.1	2.2	3,013	01/16/09	96754
26	Res	PV	4.2	7	4.2	5,887	01/21/09	96703
27	Res	PV	5	5.1	5.0	7,008	01/16/09	96752
28	Res	PV	2.52	4	2.5	3,532	01/08/09	96722
29	Res	PV	4.5	5.1	4.5	6,307	01/15/09	96746
30	Res	PV	4.5	5.1	4.5	6,307	01/15/09	96746
31	Res	PV	2.1	2.8	2.1	2,943	01/30/09	96722
32	Res	PV	1.35	3	1.4	1,892	02/05/09	96766
33	Res	PV	1.6	2	1.6	2,243	02/10/09	96756
34	Res	W	1.8	1.8	1.8	2,523	02/11/09	96746
35	Res	PV	3.9	4	3.9	5,466	03/24/09	96756
36	Res	PV	2.7	3	2.7	3,784	02/23/09	96754
37	Res	PV	2.56	3	2.6	3,588	03/02/09	96746
38	Res	PV	1.8	7	1.8	2,523	03/02/09	96746
39	Res	PV	7	7	7.0	9,811	03/17/09	96766
40	Res	PV	3.6	3	3.0	5,046	03/23/09	96766
41	Res	PV	2.5	3.6	2.5	3,504	03/24/09	96756
42	Res	PV	1.5	1.5	1.5	2,102	04/07/09	96705
43	Res	PV	4.2	5	4.2	5,887	04/14/09	96703
44	Res	PV	2.4	3	2.4	3,364	04/17/09	96722
45	Res	PV	8.1	7	7.0	11,353	04/28/09	96756

[1] Customer-sited generation systems that exceed the Schedule Q maximum design capacity of 100kW. Such customers are not currently eligible to receive Schedule Q payments and may choose to provide excess energy to KIUC without compensation or compensation pursuant to a negotiated and approved purchase power agreement. "Larger Systems" do not include independent power producers that have entered into negotiated and approved purchase power agreements with KIUC for the specific purpose of generating and exporting power.

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Estimated Energy Produced (kWh)	Connection Date	Zip Codes
46	Com	PV	338	308	308.0	473,741	04/28/09	96766
47	Res	PV	4.7	5	4.7	6,588	05/01/09	96746
48	Res	PV	5.3	5	5.0	7,428	05/27/09	96746
49	Res	PV	3.2	3.2	3.2	4,485	06/03/09	96746
50	Res	PV	6	6	6.0	8,410	06/05/09	96746
51	Res	PV	1.7	1.7	1.7	2,383	06/09/09	96796
52	Res	W	1.8	1.8	1.8	2,523	06/10/09	96746
53	Res	PV	0.76	0.76	0.8	1,065	06/23/09	96741
54	Res	PV	3.5	5.1	3.5	4,906	06/25/09	96756
55	Res	PV	1.6	1.6	1.6	2,243	07/02/09	96746
56	Res	PV	1.3	3	1.3	1,822	07/06/09	96754
57	Res	PV	8.9	10	8.9	12,474	07/16/09	96754
58	Res	PV	5	5	5.0	7,008	08/20/09	96741
59	Res	PV	1.57	5	1.6	2,201	08/20/09	96754
60	Res	PV	2.6	3	2.6	3,644	08/20/09	96746
61	Res	PV	1.34	3	1.3	1,878	08/28/09	96765
62	Res	PV	2.24	10	2.2	3,140	09/04/09	96796
63	Res	PV	6.3	6	6.0	8,830	09/11/09	96722
64	Res	PV	1.68	1.68	1.7	2,355	09/11/09	96722
65	Res	PV	2.77	3	2.8	3,882	09/11/09	96746
66	Res	PV	1.5	1.5	1.5	2,102	9/29/09	96716
67	Res	PV	4.6	4.6	4.6	6,447	9/29/09	96746
68	Res	PV	5.3	5.0	5.0	7,428	10/13/09	96746
69	Res	PV	9.7	10.0	9.7	13,596	10/16/09	96741
70	Res	PV	6.5	7.5	6.5	9,110	10/30/09	96754
71	Res	PV	5.0	5.0	5.0	7,008	11/2/2009	96754
72	Com	PV	8.1	7.0	7.0	11,353	11/27/09	96746
73	Res	PV	2.7	2.7	2.7	3,784	12/1/09	96705
74	Res	PV	3.2	3.0	3.0	4,485	12/1/09	96754
75	Res	PV	1.3	1.3	1.3	1,822	12/9/09	96741
76	Res	PV	1.8	3.0	1.8	2,523	12/9/09	96746
77	Res	PV	4.4	5.0	4.4	6,167	12/10/09	96756
78	Res	PV	1.8	3.0	1.8	2,523	12/10/09	96754
79	Res	PV	2.7	7.7	2.7	3,784	12/16/09	96796
80	Res	PV	2.0	4.0	2.0	2,803	12/16/09	96796
81	Res	PV	2.0	2.0	2.0	2,803	12/23/09	96746
82	Res	PV	4.7	6.0	4.7	6,588	12/23/09	96746
83	Res	PV	2.1	3.0	2.1	2,943	12/23/09	96752
84	Res	PV	4.0	4.0	4.0	5,606	12/28/09	96741
85	Res	PV	3.0	3.0	3.0	4,205	12/28/09	96766
86	Res	PV	5.0	6.6	5.0	7,008	12/28/09	96754
87	Res	PV	1.7	1.7	1.7	2,383	12/28/09	96766
88	Res	PV	3.4	3.4	3.4	4,709	12/28/09	96796
89	Res	PV	3.8	3.8	3.8	5,298	12/28/09	96756
90	Res	PV	1.3	1.3	1.3	1,766	12/28/09	96716
91	Res	PV	6.0	6.0	6.0	8,410	12/29/09	96754
92	Res	PV	3.8	3.8	3.8	5,298	12/29/09	96746
93	Res	PV	2.1	2.1	2.1	2,943	12/30/09	96754
94	Res	PV	3.5	3.0	3.0	4,906	12/30/09	96754
95	Res	PV	5.9	5.9	5.9	8,269	12/30/09	96756
96	Res	PV	2.1	2.1	2.1	2,943	12/30/09	96746
97	Res	PV	3.8	3.8	3.8	5,326	12/30/09	96746
98	Res	PV	1.7	3.0	1.7	2,355	12/30/09	96741
99	Res	PV	2.1	2.1	2.1	2,943	01/14/10	96796
100	Com	PV	17.5	18.0	17.5	24,528	01/14/10	96756
101	Res	PV	2.2	2.2	2.2	3,084	01/14/10	96746
102	Res	PV	7.7	7.0	7.0	10,792	01/18/10	96746
103	Res	PV	4.8	5.0	4.8	6,728	02/01/10	96741
104	Res	PV	3.5	4.0	3.5	4,906	02/04/10	96722

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Estimated Energy Produced (kWh)	Connection Date	Zip Codes
105	Res	PV	2.1	4.0	2.1	2,943	02/11/10	96741
106	Res	PV	3.5	3.0	3.0	4,906	02/16/10	96754
107	Res	PV	3.2	3.0	3.0	4,485	02/16/10	96756
108	Res	PV	2.0	2.0	2.0	2,803	02/16/10	96716
109	Res	PV	5.0	6.0	5.0	7,008	02/26/10	96746
110	Res	PV	3.8	3.5	3.5	5,326	03/01/10	96765
111	Res	PV	1.7	3.0	1.7	2,383	03/03/10	96765
112	Res	PV	7.5	5.7	5.7	10,512	03/08/10	96722
113	Res	PV	3.2	3.2	3.2	4,485	03/10/10	96766
114	Res	PV	3.1	3.0	3.0	4,345	03/10/10	96741
115	Res	PV	6.6	6.0	6.0	9,251	03/18/10	96756
116	Com	PV	82.0	75.0	75.0	114,931	03/19/10	96766
117	Res	PV	6.8	6.0	6.0	9,531	03/30/10	96746
118	Res	PV	2.1	4.0	2.1	2,943	03/30/10	96746
119	Res	PV	2.1	2.1	2.1	2,943	03/30/10	96722
120	Res	PV	1.1	1.1	1.1	1,542	04/01/10	96746
121	Res	PV	4.6	4.6	4.6	6,447	04/08/10	96752
122	Res	PV	5.4	5.4	5.4	7,569	04/08/10	96746
123	Res	PV	3.4	4.0	3.4	4,765	04/08/10	96746
124	Res	PV	2.2	3.0	2.2	3,084	04/09/10	96766
125	Res	PV	3.3	4.0	3.3	4,625	04/12/10	96746
126	Res	PV	2.1	3.0	2.1	2,943	04/15/10	96746
127	Res	PV	6.2	6.0	6.0	8,690	04/15/10	96765
128	Res	PV	3.2	3.2	3.2	4,485	04/22/10	96765
129	Res	PV	2.1	2.1	2.1	2,943	04/22/10	96756
130	Res	PV	2.2	3.0	2.2	3,084	04/28/10	96703
131	Res	PV	2.3	2.3	2.3	3,224	04/29/10	96766
132	Res	PV	1.8	1.9	1.8	2,523	04/30/10	96766
133	Res	PV	3.9	5.1	3.9	5,466	04/30/10	96705
134	Res	PV	2.5	2.5	2.5	3,504	05/04/10	96746
135	Com	PV	29.1	30.0	29.1	40,787	05/14/10	96766
136	Res	PV	4.1	4.1	4.1	5,747	06/01/10	96796
137	Res	PV	4.7	5.0	4.7	6,588	06/01/10	96756
138	Res	PV	2.3	2.3	2.3	3,224	06/04/10	96766
139	Res	PV	2.8	2.8	2.8	3,924	06/04/10	96741
140	Res	PV	4.8	4.8	4.8	6,728	06/04/10	96741
141	Res	W	1.8	1.8	1.8	2,523	06/08/10	96754
142	Res	PV	3.2	3.0	3.0	4,485	06/10/10	96722
143	Res	PV	2.1	2.1	2.1	2,943	06/21/10	96746
144	Res	PV	1.9	1.9	1.9	2,663	06/24/10	96705
145	Res	PV	3.5	3.6	3.5	4,906	07/02/10	96705
146	Com	PV	9.2	9.0	9.0	12,895	07/06/10	96766
147	Res	PV	1.9	3.0	1.9	2,663	07/09/10	96741
148	Res	PV	2.2	1.9	1.9	3,084	07/13/10	96752
149	Res	PV	1.9	2.3	1.9	2,663	07/14/10	96741
150	Res	PV	1.9	2.3	1.9	2,663	07/23/10	96705
151	Res	PV	4.3	4.3	4.3	6,027	07/26/10	96766
152	Res	PV	2.3	3.0	2.3	3,224	07/27/10	96754
153	Res	PV	4.2	4.2	4.2	5,887	07/28/10	96741
154	Res	PV	5.3	5.3	5.3	7,428	07/30/10	96754
155	Res	PV	2.1	3.0	2.1	2,943	08/03/10	96715
156	Res	PV	4.8	4.2	4.2	6,728	08/04/10	96746
157	Res	PV	1.9	1.9	1.9	2,663	08/05/10	96752
158	Res	PV	3.4	6.0	3.4	4,765	08/06/10	96714
159	Res	PV	3.9	3.0	3.0	5,466	08/09/10	96796
160	Res	PV	3.8	4.0	3.8	5,326	08/13/10	96754
161	Res	PV	3.8	3.0	3.0	5,326	08/13/10	96746
162	Res	PV	2.2	3.0	2.2	3,084	08/13/10	96746
163	Res	PV	1.4	1.1	1.1	1,962	08/17/10	96756

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Estimated Energy Produced (kWh)	Connection Date	Zip Codes
164	Res	PV	2.0	1.7	1.7	2,803	08/18/10	96714
165	Res	PV	2.4	1.9	1.9	3,364	08/19/10	96766
166	Res	PV	3.3	3.3	3.3	4,625	08/30/10	96766
167	Res	PV	2.1	3.0	2.1	2,943	08/30/10	96722
168	Res	PV	2.6	2.5	2.5	3,644	09/09/10	96766
169	Res	PV	0.7	3.0	0.7	981	09/14/10	96746
170	Res	PV	0.7	0.7	0.7	981	09/15/10	96746
171	Res	PV	3.8	3.8	3.8	5,326	09/15/10	96746
172	Res	PV	3.4	3.4	3.4	4,765	09/17/10	96796
173	Res	PV	4.0	4.0	4.0	5,606	09/21/10	96746
174	Res	PV	1.9	1.9	1.9	2,663	09/21/10	96766
175	Res	PV	2.8	3.0	2.8	3,924	09/22/10	96796
176	Res	PV	2.0	1.7	1.7	2,803	09/23/10	96747
177	Res	PV	0.5	3.0	0.5	701	09/24/10	96722
178	Res	PV	1.9	1.9	1.9	2,663	09/24/10	96741
179	Res	PV	1.8	1.9	1.8	2,523	09/29/10	96796
180	Res	PV	4.6	4.0	4.0	6,447	09/30/10	96754
181	Res	PV	2.1	2.1	2.1	2,943	10/04/10	96746
182	Res	PV	4.6	4.0	4.0	6,447	10/07/10	96741
183	Res	PV	2.1	2.1	2.1	2,943	10/14/10	96766
184	Res	PV	2.2	2.0	2.0	3,084	10/19/10	96746
185	Res	PV	2.5	2.5	2.5	3,504	10/19/10	96766
186	Res	PV	1.9	1.9	1.9	2,663	10/19/10	96766
187	Res	PV	2.1	2.1	2.1	2,943	10/21/10	96716
188	Res	PV	5.4	5.0	5.0	7,569	10/21/10	96766
189	Res	PV	4.2	4.2	4.2	5,887	10/22/10	96741
190	Res	PV	2.1	2.1	2.1	2,943	10/25/10	96716
191	Res	PV	2.3	2.3	2.3	3,224	10/25/10	96746
192	Res	PV	2.3	2.3	2.3	3,224	10/25/10	96746
193	Res	PV	4.6	4.6	4.6	6,447	10/25/10	96746
194	Res	PV	5.4	7.0	5.4	7,569	11/05/10	96754
195	Res	PV	1.9	1.9	1.9	2,663	11/05/10	96716
196	Res	PV	2.6	2.6	2.6	3,644	11/05/10	96756
197	Res	PV	3.2	3.2	3.2	4,485	11/09/10	96746
198	Com	PV	101.0	100.0	100.0	141,562	11/19/10	96746
199	Res	PV	1.8	1.8	1.8	2,523	11/22/10	96766
200	Res	PV	3.3	3.0	3.0	4,625	11/22/10	96741
201	Res	PV	5.3	5.3	5.3	7,428	11/23/10	96766
202	Res	PV	1.7	1.7	1.7	2,383	11/23/10	96741
203	Res	PV	2.1	2.1	2.1	2,943	11/23/10	96741
204	Res	PV	4.2	4.2	4.2	5,887	11/23/10	96741
205	Res	PV	4.2	4.2	4.2	5,887	11/23/10	96746
206	Res	PV	1.9	1.9	1.9	2,663	11/23/10	96756
207	Res	PV	3.8	3.8	3.8	5,326	11/23/10	96716
208	Res	PV	3.8	3.8	3.8	5,326	11/23/10	96705
209	Res	PV	2.4	2.4	2.4	3,364	11/24/10	96766
210	Res	PV	1.4	3.0	1.4	1,962	11/30/10	96754
211	Res	PV	2.1	2.1	2.1	2,943	12/01/10	96746
212	Res	PV	1.1	1.1	1.1	1,542	12/02/10	96754
213	Res	PV	3.4	3.4	3.4	4,765	12/02/10	96766
214	Res	PV	3.8	3.8	3.8	5,326	12/02/10	96752
215	Res	PV	2.3	2.3	2.3	3,224	12/02/10	96796
216	Res	PV	2.1	2.1	2.1	2,943	12/02/10	96722
217	Res	PV	3.0	3.0	3.0	4,205	12/02/10	96741
218	Res	PV	1.9	1.9	1.9	2,663	12/06/10	96746
219	Res	PV	1.9	1.9	1.9	2,663	12/06/10	96746
220	Res	PV	2.3	1.9	1.9	3,224	12/06/10	96746
221	Res	PV	4.2	4.2	4.2	5,887	12/09/10	96752
222	Res	PV	4.2	4.2	4.2	5,887	12/09/10	96741

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Estimated Energy Produced (kWh)	Connection Date	Zip Codes
223	Com	PV	32.9	30.0	30.0	46,113	12/14/10	96766
224	Res	PV	2.1	2.1	2.1	2,943	12/14/10	96746
225	Res	PV	6.4	3.0	3.0	8,970	12/14/10	96756
226	Res	PV	4.3	4.0	4.0	6,027	12/14/10	96741
227	Res	PV	1.6	3.0	1.6	2,243	12/14/10	96752
228	Res	PV	4.9	5.0	4.9	6,868	12/14/10	96765
229	Res	PV	2.5	2.5	2.5	3,504	12/16/10	96741
230	Res	PV	2.7	2.7	2.7	3,784	12/20/10	96705
231	Com	PV	12.6	13.6	12.6	17,660	12/20/10	96746
232	Res	PV	4.6	4.0	4.0	6,447	12/21/10	96746
233	Res	PV	5.3	7.0	5.3	7,428	12/23/10	96746
234	Res	PV	2.1	3.0	2.1	2,943	12/23/10	96766
235	Res	PV	2.7	2.7	2.7	3,784	12/27/10	96765
236	Res	PV	3.8	3.8	3.8	5,326	12/29/10	96746
237	Res	PV	5.8	4.9	4.9	8,129	12/29/10	96756
238	Res	PV	3.4	3.4	3.4	4,765	12/29/10	96741
239	Com	PV	125.0	120.0	120.0	175,200	12/29/10	96752
240	Res	PV	4.6	4.6	4.6	6,447	12/30/10	96741
241	Res	PV	1.9	1.9	1.9	2,663	12/30/10	96746
242	Res	PV	5.9	5.9	5.9	8,269	12/30/10	96756
243	Res	PV	3.8	3.8	3.8	5,326	12/30/10	96746
244	Res	PV	3.2	3.2	3.2	4,485	12/30/10	96796
245	Res	PV	2.1	1.9	1.9	2,943	12/30/10	96752
246	Res	PV	4.0	4.0	4.0	5,606	12/30/10	96746
247	Res	PV	2.1	2.3	2.1	2,943	12/30/10	96705
			kW	kW	kW	kWh		
		Totals	**3457.9**	**3579.3**	**3,206.1**	**4,846,579**		

Installed kWdc	**2007**	**2008**	**2009**	**2010**	**Total**
	680	1,323	604	851	3,458

Notes

1. **Q Customer #**
2. **Customer Type**: Res = Residential, Com = Commercial
3. **System Type**: PV = Photovoltaic, W=Wind
4. **Panel capacity**: Capacity of PV panels in kWdc.
5. **Inverter Capacity**: Capacity of inverter in kWac
6. **Energy Produced**: Estimated using the panel capacity, 80% efficiency, and 20% capacity factor
7. **Connection date**: Date KIUC installed the Q meter