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May 17, 2010

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The Honorable Chairman 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") 2009 Annual Net Energy  
Metering ("NEM") Program Activity Summary

Dear Commissioners and Commission Staff:

Pursuant to Hawaii Revised Statutes ("HRS") § 269-103,<sup>1</sup> please find enclosed KIUC's Annual NEM Program Activity Summary for the year ending December 31, 2009 ("2009 NEM Summary"). See Attachment A.

As indicated in the 2009 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, 2009 was approximately 785 kilowatts ("kW"). The attached 2009 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 and 2009 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 2009 ("2009 Schedule "Q" Summary"). See Attachment B. As noted in the 2009 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.

<sup>1</sup> 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."

The Honorable Chairman and Members of the  
Hawaii Public Utilities Commission  
March 17, 2010  
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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,

A handwritten signature in black ink, appearing to read "Kent D. Morihara", with a long, sweeping flourish extending to the right.

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  
Mr. Nate Kawakami

# ATTACHMENT A

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

	Customer Type	System Type	Panel Capacity (kW)	Installed AC 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)
1	Res	PV	2.1	1.7	4.0	2.1	2,943	11/26/01	1,281	1,225	1,132	1,248	1,158
2	Res	PV	4.8	3.8	5.5	4.8	8,728	12/8/01	196	79	66	137	1
3	Com	PV	20.0	18.0	20.0	20.0	28,032	4/24/02	0	0	0	80	0
4	Res	PV	2.1	1.7	2.5	2.1	2,943	8/13/02	190	487	333	742	372
5	Res	PV	2.1	1.7	2.5	2.1	2,943	8/13/02	1,113	672	515	761	684
6	Res	PV	3.2	2.8	5.5	3.2	4,485	8/20/02	1,560	563	818	850	19
7	Res	PV	1.0	0.8	2.5	1.0	1,402	10/8/02	28	300	554	518	181
8	Res	PV	1.4	1.1	4.0	1.4	1,962	10/8/02	318	205	184	457	0
9	Res	PV	1.4	1.1	4.0	1.4	1,962	12/20/02	155	0	303	211	283
10	Res	PV	3.2	2.8	2.0	2.0	4,485	12/20/02	583	484	582	725	2,154
11	Res	PV	1.8	1.4	4.0	1.8	2,523	12/20/02	0	0	0	4	1
12	Res	PV	3.3	2.6	4.0	3.3	4,625	5/12/03	0	1,761	0	0	0
13	Res	PV	4.0	3.2	4.0	4.0	5,606	7/1/03	481	74	0	3	117
14	Res	PV	2.4	1.9	4.0	2.4	3,364	9/29/03	1,630	821	496	88	309
15	Res	PV	2.4	1.9	2.5	2.4	3,364	11/13/03	1,408	1,399	2,269	2,263	1,384
16	Res	PV	3.0	2.4	3.5	3.0	4,261	1/12/04	2,297	1,600	1,457	1,786	1,742
17	Res	PV	0.8	0.6	1.1	0.8	1,051	5/18/04	591	626	648	414	499
18	Res	PV	1.6	1.3	1.8	1.6	2,243	5/25/04	520	683	483	693	1,121
19	Res	PV	1.6	1.3	2.5	1.6	2,243	7/1/04	665	451	399	483	420
20	Com	PV	25.0	20.0	20.0	20.0	35,040	7/1/04	200	200	300	500	600
21	Res	PV	2.2	1.8	2.5	2.2	3,084	7/7/04	1,373	1,254	1,194	1,409	675
22	Res	PV	1.2	1.0	4.0	1.2	1,882	7/14/04	417	282	52	0	3
23	Res	PV	2.5	2.0	2.5	2.5	3,504	12/29/04	765	264	214	146	257
24	Res	PV	5.0	4.0	5.5	5.0	7,008	1/5/05	2,402	2,310	2,568	1,780	2,494
25	Res	PV	2.0	1.6	2.5	2.0	2,803	3/15/05	849	555	1,046	1,031	892
26	Res	PV	3.5	2.8	6.0	3.5	4,908	10/21/05	148	1,048	822	390	838
27	Res	PV	5.8	4.6	8.0	5.8	8,129	11/23/05		2,213	2,794	2,111	2,241
28	Res	PV	2.0	1.6	2.0	2.0	2,803	3/8/06		644	1,081	1,019	771
29	Res	PV	3.0	2.4	8.0	3.0	4,205	4/19/06		605	1,051	1,804	1,900
30	Res	PV	12.0	9.6	12.0	12.0	16,819	5/12/06		1,091	3,655	2,125	6,356
31	Res	PV	3.0	2.4	6.0	3.0	4,205	5/12/06		2,349	3,529	3,036	2,962
32	Res	PV	3.0	2.4	3.0	3.0	4,205	5/15/06		216	0	326	255
33	Res	PV	1.0	0.8	5.0	1.0	1,402	6/15/06		31	745	365	82
34	Res	PV	1.0	0.8	2.0	1.0	1,402	6/21/06		372	1,416	1,134	982
35	Res	PV	2.0	1.6	2.5	2.0	2,803	9/7/06		27	76	144	128
36	Res	PV	3.0	2.4	3.0	3.0	4,205	10/6/06		374	2,433	2,107	1,348
37	Res	PV	1.0	0.8	3.0	1.0	1,402	10/6/06		88	670	450	261
38	Res	PV	2.7	2.2	3.8	2.7	3,784	10/27/06		197	1,795	1,972	1,872
39	Res	PV	1.6	1.3	3.8	1.6	2,243	11/21/06		37	1,749	1,798	1,660
40	Res	PV	1.5	1.2	3.0	1.5	2,102	11/24/06		19	241	288	283
41	Res	PV	2.0	1.6	3.0	2.0	2,803	12/19/06		0	2,573	2,297	2,151
42	Res	PV	3.5	2.8	3.5	3.5	4,908	1/17/07			1,766	1,660	1,606
43	Res	PV	3.1	2.5	3.0	3.0	4,345	1/24/07			487	420	622
44	Res	PV	3.2	2.6	4.0	3.2	4,485	1/26/07				4,664	4,522
45	Com	PV	9.2	7.4	10.4	9.2	12,895	2/1/07			4,855	8,968	10,784
46	Res	PV	2.8	2.2	2.8	2.8	3,924	2/9/07			2,596	2,694	1,963
47	Res	PV	3.5	2.8	3.2	3.2	4,908	2/9/07			1,484	1,680	1,780
48	Res	PV	1.0	0.8	3.0	1.0	1,402	4/7/07			296	1,735	1,294
49	Res	PV	4.2	3.4	6.0	4.2	5,887	4/9/07			2,120	3,577	2,453
50	Res	PV	3.0	2.4	3.0	3.0	4,205	5/10/07			1,386	2,557	3,602
51	Res	PV	1.8	1.4	2.0	1.8	2,523	5/21/07			616	952	816
52	Res	PV	3.0	2.4	3.0	3.0	4,205	6/7/07			169	317	902
53	Res	PV	2.3	1.8	2.3	2.3	3,224	7/19/07			574	1,271	1,020
54	Res	PV	2.3	1.8	2.5	2.3	3,224	7/17/07			168	918	1,075
55	Res	PV	1.6	1.3	1.6	1.6	2,243	7/17/07			338	612	468
56	Res	PV	3.0	2.4	3.0	3.0	4,205	8/2/07			1,234	3,239	3,039
57	Com	PV	18.5	14.8	18.5	18.5	25,930	8/14/07			2,260	16,765	13,816
58	Res	PV	3.0	2.4	6.0	3.0	4,205	10/17/07			112	441	366
59	Res	PV	1.2	1.0	1.5	1.2	1,682	10/20/07			112	349	69
60	Res	PV	6.0	4.8	6.0	6.0	8,410	10/30/07			0	1,441	3,375
61	Res	PV	3.8	3.0	3.8	3.8	5,326	10/15/07			89	2,358	2,060
62	Res	PV	3.0	2.4	3.0	3.0	4,205	11/27/07			0	663	407
63	Res	PV	3.1	2.5	3.0	3.0	4,345	12/15/07			0	132	62
64	Res	PV	2.7	2.2	3.8	2.7	3,784	12/15/07			0	1,633	1,570
65	Res	PV	3.1	2.5	3.0	3.0	4,345	12/17/07			0	2,947	2,857
66	Res	PV	0.8	0.6	1.6	0.8	1,121	12/17/07			0	696	904
67	Res	PV	5.9	4.7	6.0	5.9	8,299	12/20/07			0	3,674	4,271
68	Res	PV	3.1	2.5	3.0	3.0	4,345	12/21/07			0	181	245
69	Res	PV	6.0	4.8	6.0	6.0	8,410	12/21/07			0	4,659	5,175
70	Res	PV	5.1	4.1	5.0	5.0	7,148	12/26/07			0	5,530	6,255
71	Res	PV	5.1	4.1	5.0	5.0	7,148	12/26/07			0	5,217	5,484
72	Com	PV	32.6	26.1	28.0	28.0	45,692	12/27/07			0	31,240	34,440
73	Com	PV	29.4	23.5	30.0	29.4	41,207	12/27/07			0	5,240	3,120
74	Com	PV	32.6	26.1	28.0	28.0	45,692	12/27/07			0	40,000	44,600
75	Res	PV	4.2	3.4	6.0	4.2	5,887	12/28/07			0	4,514	4,559
76	Res	PV	3.8	3.0	4.0	3.8	5,326	1/8/08				4	27
77	Com	PV	14.7	11.9	14.0	14.0	20,604	1/14/08				0	100
78	Res	PV	4.8	3.8	4.0	4.0	6,728	2/3/08				2,853	2,291
79	Res	PV	3.5	2.8	3.0	3.0	4,908	2/5/08				0	1,508
80	Com	PV	5.0	4.0	5.0	5.0	7,008	2/6/08				0	960
81	Com	PV	9.8	7.8	10.0	9.8	13,738	2/8/08				0	443
82	Com	PV	9.8	7.8	10.0	9.8	13,738	2/8/08				0	3,121
83	Com	PV	55.8	44.6	50.0	50.0	78,209	2/10/08				6,400	7,320
84	Com	PV	36.0	28.8	30.0	30.0	50,458	2/12/08				240	840
85	Res	PV	1.8	1.4	4.0	1.8	2,523	3/3/08				1,831	2,109
86	Res	PV	3.1	2.5	3.0	3.0	4,345	3/3/08				2,247	2,569
87	Res	PV	3.0	2.4	3.0	3.0	4,205	3/19/08				1,975	2,441
88	Res	PV	2.0	1.6	4.0	2.0	2,803	4/3/08				1,571	1,869
89	Res	PV	1.8	1.4	3.0	1.8	2,523	4/3/08				1,244	1,306
90	Res	PV	3.1	2.5	2.5	2.5	4,345	4/10/08				1,848	2,001
91	Res	PV	4.3	3.4	4.0	4.0	6,027	4/15/08				2,824	4,099
92	Res	PV	4.0	3.2	7.2	4.0	5,606	4/18/08				1,508	4,225
93	Res	PV	3.0	2.4	3.0	3.0	4,205	4/22/08				1,228	958
94	Res	PV	1.8	1.4	3.0	1.8	2,523	5/12/08				1,083	1,639
95	Res	PV	2.4	1.9	3.0	2.4	3,364	5/14/08				1,548	2,502
96	Res	PV	1.4	1.1	3.0	1.4	1,962	5/14/08				712	1,687
97	Res	PV	1.8	1.4	7.0	1.8	2,523	5/14/08				4	21
98	Res	PV	3.1	2.5	3.0	3.0	4,345	5/21/08				0	380
99	Res	PV	4.0	3.2	5.0	4.0	5,606	5/19/08				2,520	2,425
100	Res	PV	3.0	2.4	3.0	3.0	4,205	5/28/08				1,282	1,708
101	Res	PV	6.7	5.4	7.0	6.7	9,391	5/29/08				2,440	6,114

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

	Customer Type	System Type	Panel Capacity (kW)	Installed AC 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)
102	Res	PV	1.3	1.0	2.0	1.3	1,822	8/2/08				737	1,893
103	Res	PV/W	6.5	5.2	6.9	6.5	9,110	6/3/08				2,398	3,032
104	Res	PV	2.7	2.2	4.0	2.7	3,784	6/6/08				694	946
105	Res	PV	2.8	2.2	3.0	2.8	3,924	8/19/08				1,872	2,975
106	Res	PV	2.2	1.8	3.0	2.2	3,084	8/19/08				382	1,898
107	Res	PV	3.0	2.4	4.0	3.0	4,205	7/2/08				1,134	2,516
108	Res	PV	3.0	2.4	3.0	3.0	4,205	7/7/08				11	1,097
109	Res	PV	2.0	1.6	3.0	2.0	2,803	7/11/08				727	2,271
110	Res	PV	3.1	2.5	4.0	3.1	4,345	7/11/08				1,285	2,829
111	Res	PV	3.3	2.6	4.0	3.3	4,625	7/11/08				1,112	3,323
112	Res	PV	1.9	1.5	4.0	1.9	2,683	7/17/08				634	1,404
113	Res	PV	3.0	2.4	4.0	3.0	4,205	7/17/08				1,359	3,080
114	Res	PV	3.5	2.8	4.0	3.5	4,906	7/20/08				1,066	2,929
115	Res	PV	6.0	4.8	6.0	6.0	8,410	7/25/08				2,128	5,032
116	Res	PV	4.0	3.2	4.0	4.0	5,606	7/30/08				905	1,813
117	Res	PV	3.0	2.4	3.0	3.0	4,205	8/1/08				171	1,600
118	Res	PV	1.3	1.0	1.5	1.3	1,822	8/7/08				49	202
119	Res	PV	4.0	3.2	5.0	4.0	5,606	8/7/08				1,414	4,213
120	Res	PV	4.0	3.2	4.0	4.0	5,606	8/7/08				1,320	3,862
121	Res	PV	6.0	4.8	6.0	6.0	8,410	8/11/08				346	1,104
122	Res	PV	3.0	2.4	4.0	3.0	4,205	8/11/08				1,033	2,482
123	Res	PV	1.8	1.4	1.8	1.8	2,523	8/12/08				185	428
124	Res	PV	3.3	2.6	3.0	3.0	4,625	8/12/08				1,071	3,154
125	Res	PV	4.0	3.2	4.0	4.0	5,606	8/13/08				982	2,904
126	Res	PV	4.0	3.2	4.0	4.0	5,606	8/18/08				1,512	4,332
127	Res	PV	3.5	2.8	4.0	3.5	4,906	8/28/08				1,038	3,342
128	Res	PV	5.9	4.7	7.0	5.9	8,289	8/29/08				1,478	5,863
129	Res	PV	1.0	0.8	1.8	1.0	1,402	9/18/08				214	839
130	Res	PV	1.1	0.9	3.0	1.1	1,542	9/19/08				104	299
131	Res	PV	5.0	4.0	5.0	5.0	7,008	9/25/08				287	1,437
132	Res	PV	7.0	5.6	7.0	7.0	9,811	9/30/08				525	3,719
133	Res	PV	5.0	4.0	5.0	5.0	7,008	10/7/08				607	2,582
134	Res	PV	6.3	5.0	7.0	6.3	8,830	10/8/08				666	5,855
135	Res	PV	3.0	2.4	3.0	3.0	4,205	10/9/08				408	3,221
136	Res	Wind	1.8	1.4	1.8	1.8	2,523	10/23/08				182	912
137	Res	Wind	1.8	1.4	1.8	1.8	2,523	10/23/08				102	563
138	Res	PV	1.8	1.4	7.0	1.8	2,523	10/30/08				48	490
139	Res	PV	1.6	1.3	1.8	1.6	2,243	10/31/08				0	124
140	Res	PV	2.6	2.1	4.0	2.6	3,644	11/6/08				197	2,824
141	Res	PV	3.0	2.4	3.0	3.0	4,205	11/12/08				56	447
142	Res	PV	3.0	2.4	3.0	3.0	4,205	11/15/08				2	58
143	Res	PV	3.1	2.5	3.0	3.0	4,345	11/15/08				0	3
144	Res	PV	6.0	4.8	6.0	6.0	8,410	11/15/08				271	3,606
145	Com	PV	46.6	37.3	42.0	42.0	65,315	12/8/08				100	1,020
146	Res	PV	3.0	2.4	7.0	3.0	4,205	12/11/08				6	1,949
147	Res	PV	3.0	2.4	3.0	3.0	4,205	12/11/08				0	870
148	Com	PV	17.6	14.1	18.0	17.6	24,698	12/18/08				0	9,014
149	Com	PV	36.0	28.8	36.0	36.0	50,458	12/18/08				0	33,157
150	Res	PV	5.2	4.2	5.0	5.0	7,288	12/24/08				0	2,728
151	Res	PV	3.6	2.9	4.0	3.6	5,046	1/7/09					2,864
152	Com	PV	33.2	26.6	35.0	33.2	46,533	1/7/09					7,120
153	Res	PV	5.0	4.0	5.0	5.0	7,008	1/8/09					4,255
154	Res	PV	5.8	4.6	6.0	5.8	8,129	1/23/09					330
155	Com	PV	14.0	11.2	14.0	14.0	19,822	2/5/09					893
156	Res	PV	0.2	0.2	3.0	0.2	280	3/11/09					0
157	Res	PV	6.2	5.0	6.0	6.0	8,690	4/7/09					4,150
158	Res	PV	3.0	2.4	3.0	3.0	4,205	4/14/09					1,847
159	Res	PV	4.0	3.2	4.0	4.0	5,606	4/13/09					4,365
160	Res	PV	10.0	8.0	10.0	10.0	14,016	4/16/09					7,162
161	Res	PV	6.0	4.8	6.0	6.0	8,410	6/3/09					5,352
162	Res	PV	5.0	4.0	5.0	5.0	7,008	8/6/09					4,960
163	Com	PV	15.4	12.3	14.0	14.0	21,565	8/30/09					0
164	Com	PV	3.0	2.4	3.0	3.0	4,205	8/18/09					1,038
165	Com	PV	32.0	25.6	30.0	30.0	44,851	12/15/09					0
166	Com	PV	19.8	15.8	21.0	19.8	27,752	12/30/09					0
	<b>Totals</b>		<b>kW</b>	<b>kW</b>	<b>kW</b>	<b>kW</b>	<b>kWh</b>					<b>kWh</b>	<b>kWh</b>
			<b>981</b>	<b>786</b>	<b>1056</b>	<b>941</b>	<b>1,376,194</b>					<b>26,638</b>	<b>61,022</b>
												<b>267,247</b>	<b>454,698</b>

- 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	2009 Total
Packets Mailed	89	22	48	95	179	83	516
Units installed	23	3	15	35	73	14	163
kWdc installed systems	93	16	39	217	450	186	981
Installed kW	Prior	2005	2006	2007	2008	2009	
KIUC Peak (MW)		78.2	76.8	77.5	77.8	75.4	MW
Max allowable NEM kW (1% of Peak)		381	384	775	778	754	kWac
Installed NEM AC Panel Capacity kW	74	88	119	292	652	785	kWac
Installed NEM kW as a percent of KIUC Peak		0.11%	0.15%	0.38%	0.84%	1.04%	

# ATTACHMENT B

**Attachment B**  
**Schedule Q Modified and Large Systems**  
**Kauai Island Utility Cooperative**

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Energy Produced (kWh)	Connection Date
1	Com	PV	680	550	550.0	953,088	12/10/07
2	Res	PV	2	3	2.0	2,803	06/19/08
3	Res	W	1.8	1.8	1.8	2,523	07/08/08
4	Res	PV	4	4	4.0	5,606	08/07/08
5	Res	PV	5.25	5	5.0	7,358	08/13/08
6	Res	PV	4	5.1	4.0	5,606	08/21/08
7	Com	PV	277	300	277.0	388,243	08/29/08
8	Res	PV	2.7	3	2.7	3,784	09/02/08
9	Res	PV	8	7	7.0	11,213	09/25/08
10	Res	PV	1.8	3	1.8	2,523	10/08/08
11	Res	PV	2.25	3	2.3	3,154	10/23/08
12	Res	W	1.8	1.8	1.8	2,523	10/27/08
13	Res	PV	2.3	3	2.3	3,224	10/30/08
14	Res	PV	4	5.1	4.0	5,606	11/03/08
15	Res	PV	2.1	4	2.1	2,943	11/06/08
16	Com	PV	110	95	95.0	154,176	11/13/08
17	Res	PV	1.8	2	1.8	2,523	12/11/08
18	Com	PV	280	250	250.0	392,448	12/16/08
19	Res	PV	1.6	4	1.6	2,243	12/24/08
20	Com	PV	504	750	504.0	706,406	12/24/08
21	Com	PV	105	98	98.0	147,168	12/29/08
22	Res	PV	1.46	5	1.5	2,046	12/19/08
23	Res	PV	10.6	10	10.0	14,857	01/12/09
24	Res	PV	2.73	3	2.7	3,826	01/15/09
25	Res	PV	2.15	5.1	2.2	3,013	01/16/09
26	Res	PV	4.2	7	4.2	5,887	01/21/09
27	Res	PV	5	5.1	5.0	7,008	01/16/09
28	Res	PV	2.52	4	2.5	3,532	01/08/09
29	Res	PV	4.5	5.1	4.5	6,307	01/15/09
30	Res	PV	4.5	5.1	4.5	6,307	01/16/09
31	Res	PV	2.1	2.8	2.1	2,943	01/30/09
32	Res	PV	1.35	3	1.4	1,892	02/05/09
33	Res	PV	1.6	2	1.6	2,243	02/10/09
34	Res	W	1.8	1.8	1.8	2,523	02/11/09
35	Res	PV	3.9	4	3.9	5,466	03/24/09
36	Res	PV	2.7	3	2.7	3,784	02/23/09
37	Res	PV	2.56	3	2.6	3,588	03/02/09
38	Res	PV	1.8	7	1.8	2,523	03/02/09
39	Res	PV	7	7	7.0	9,811	03/17/09
40	Res	PV	3.6	3	3.0	5,046	03/23/09
41	Res	PV	2.5	3.6	2.5	3,504	03/24/09
42	Res	PV	1.5	1.5	1.5	2,102	04/07/09
43	Res	PV	4.2	5	4.2	5,887	04/13/09
44	Res	PV	2.4	3	2.4	3,364	04/17/09
45	Res	PV	8.1	7	7.0	11,353	04/28/09
46	Com	PV	338	308	308.0	473,741	04/28/09
47	Res	PV	4.7	5	4.7	6,588	04/29/09
48	Res	PV	5.3	5	5.0	7,428	05/27/09
49	Res	PV	1.5	1.5	1.5	2,102	06/03/09
50	Res	PV	6	6	6.0	8,410	06/05/09
51	Res	PV	1.7	1.7	1.7	2,383	06/09/09
52	Res	W	1.8	1.8	1.8	2,523	06/10/09
53	Res	PV	0.76	0.76	0.8	1,065	06/23/09
54	Res	PV	3.5	5.1	3.5	4,906	06/25/09
55	Res	PV	1.6	1.6	1.6	2,243	07/02/09
56	Res	PV	1.3	3	1.3	1,822	07/06/09
57	Res	PV	8.9	10	8.9	12,474	07/16/09
58	Res	PV	1.5	1.5	1.5	2,102	08/20/09
59	Res	PV	1.57	5	1.6	2,201	08/20/09
60	Res	PV	2.6	3	2.6	3,644	08/20/09
61	Res	PV	1.34	3	1.3	1,878	08/28/09
62	Res	PV	2.24	10	2.2	3,140	09/04/09
63	Res	PV	6.3	6	6.0	8,830	09/10/09
64	Res	PV	1.68	1.68	1.7	2,355	09/10/09
65	Res	PV	2.77	3	2.8	3,882	09/10/09
66	Res	PV	1.5	1.5	1.5	2,102	9/29/09

**Attachment B**  
**Schedule Q Modified and Large Systems**  
**Kauai Island Utility Cooperative**

	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Energy Produced (kWh)	Connection Date
67	Res	PV	1.3	1.3	1.3	1,822	9/29/09
68	Res	PV	5.3	5.0	5.0	7,428	10/13/09
69	Res	PV	9.7	10.0	9.7	13,596	10/16/09
70	Res	PV	6.5	7.5	6.5	9,110	10/30/09
71	Res	PV	5.0	5.0	5.0	7,008	11/2/2009
72	Com	PV	8.1	7.0	7.0	11,353	11/27/09
73	Res	PV	2.7	2.7	2.7	3,784	12/1/09
74	Res	PV	3.2	3.0	3.0	4,485	12/1/09
75	Res	PV	1.3	1.3	1.3	1,822	12/9/09
76	Res	PV	1.8	3.0	1.8	2,523	12/9/09
77	Res	PV	4.4	5.0	4.4	6,167	12/10/09
78	Res	PV	1.8	3.0	1.8	2,523	12/10/09
79	Res	PV	2.7	7.7	2.7	3,784	12/16/09
80	Res	PV	2.0	4.0	2.0	2,803	12/16/09
81	Res	PV	2.0	2.0	2.0	2,803	12/23/09
82	Res	PV	4.7	6.0	4.7	6,588	12/23/09
83	Res	PV	2.0	4.0	2.0	2,803	12/28/09
84	Res	PV	2.1	3.0	2.1	2,943	12/28/09
85	Res	PV	4.0	4.0	4.0	5,606	12/28/09
86	Res	PV	3.0	3.0	3.0	4,205	12/28/09
87	Res	PV	5.0	6.6	5.0	7,008	12/28/09
88	Res	PV	1.7	1.7	1.7	2,383	12/28/09
89	Res	PV	3.4	3.4	3.4	4,709	12/28/09
90	Res	PV	3.8	3.8	3.8	5,298	12/28/09
91	Res	PV	2.5	2.5	2.5	3,504	12/29/09
92	Res	PV	1.3	1.3	1.3	1,766	12/29/09
93	Res	PV	6.0	6.0	6.0	8,410	12/30/09
94	Res	PV	3.8	3.8	3.8	5,298	12/30/09
95	Res	PV	2.1	2.1	2.1	2,943	12/30/09
96	Res	PV	3.5	3.0	3.0	4,906	12/30/09
97	Res	PV	5.9	5.9	5.9	8,269	12/30/09
98	Res	PV	2.1	2.1	2.1	2,943	12/30/09
99	Res	PV	3.8	3.8	3.8	5,326	12/30/09
100	Res	PV	1.7	3.0	1.7	2,355	12/30/09

	kW	kW	kW	kWh
<b>Totals</b>	<b>2603</b>	<b>2724</b>	<b>2385</b>	<b>3,648,070</b>

<b>Installed kWdc</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>Total</b>
	680	1323	600	2603

**Notes**

1. **Q Customer #**
2. **Customer Type:** Res = Residential, Com = Commerical
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