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A LIMITED LIABILITY LAW PARTNERSHIP

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May 16, 2012

PUBLIC UTILITIES
COMMISSION

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") 2011 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, 2011 ("2011 NEM Summary"). See Attachment A. As indicated in the 2011 NEM Summary, the cumulative installed NEM capacity in kilowatts ("kW") produced by eligible customer-generators for the year ending December 31, 2011 was approximately 784 kW. The attached 2011 NEM Summary also includes: (i) information regarding the NEM information packets mailed to customers, installations and kilowatt-hours inflows associated with the installations, and (ii) a breakdown of NEM program activity on the island of Kauai in 2005, 2006, 2007, 2008, 2009, 2010, and 2011, for purposes of comparison.

Additionally, 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 through 2011 ("2011 Schedule "Q" Summary"). See Attachment B. As noted in the 2011 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.

Also enclosed (although not required as part of the NEM statutory reporting requirement under HRS § 269-103) is information regarding, among other things, the type, amount, and progress of customer-sited generation systems that exceed the Schedule "Q" maximum design capacity of 100 kW. See Attachment C. Pursuant to KIUC's tariff, such customers are not currently eligible to receive Schedule "Q" payments and may choose to provide excess energy to KIUC either without compensation or with compensation pursuant to a negotiated and approved purchase power agreement. Note that the customer-sited generation systems

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."

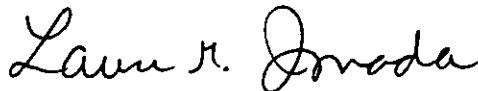
The Honorable Chair and Members of the
Hawaii Public Utilities Commission
May 16, 2012
Page 2

included in Attachment C 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.

Finally, pursuant to the Commission's *Order Regarding Net Energy Metering Proposals*, issued on January 13, 2011, in Docket No. 2006-0084 (which approved the Stipulated Proposed NEM Pilot Program and Alternative Rate Structure for KIUC, by KIUC, the Consumer Advocate, Hawaii Renewable Energy Alliance, and Hawaii Solar Energy Alliance, filed with the Commission on October 15, 2009, in Docket No. 2006-0084), please find enclosed KIUC's 2011 NEM Pilot Program Summary for the year ending December 31, 2011 ("2011 NEM Pilot Program Summary"). See Attachment D. The 2011 NEM Pilot Program Summary provides KIUC's analysis of: (i) the financial impact of the NEM Pilot Program had the participants under the NEM Pilot Program been included under the laws governing NEM (i.e., subject to the NEM rates, and not subject to the alternative rate structure under the NEM Pilot Program), and (ii) the financial impact on each rate classes' non-generating customers.

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,



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

Morihara Lau & Fong LLP
Attorneys for Kauai Island Utility Cooperative

Enclosures

c w/enc.: Consumer Advocate

ATTACHMENT A

Attachment A
2011 NEM Summary
Kauai Island Utility Cooperative
NEM Installations

(A)	(B)	(C)	(D)	(E)	(F) =<D*8,E	(G) =F*.2*8760	(H)	(I)							(J)	
Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	Installed Capacity (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)	Surplus Energy 2011 (kWh)	Zip Code		
1	Res	PV	2.1	4.0	1.88	2,943	11/28/01	1,261	1,225	1,132	1,248	1,158	1,254	1,184	96714	
2	Res	PV	4.8	5.5	3.84	6,728	12/6/01	198	79	68	137	1	1,876	2,376	96741	
3	Com	PV	20.0	20.0	18.00	28,032	4/24/02	0	0	0	80	0	0	0	96714	
4	Res	PV	2.1	2.5	1.68	2,943	8/13/02	190	487	333	742	372	416	764	96754	
5	Res	PV	2.1	2.5	1.68	2,943	8/13/02	1,113	672	515	781	664	712	796	96754	
6	Res	PV	3.2	5.5	2.56	4,485	8/20/02	1,560	563	918	850	19	3	4	96754	
7	Res	PV	1.0	2.5	0.80	1,402	10/8/02	28	300	554	516	181	43	34	96714	
8	Res	PV	1.4	4.0	1.12	1,962	10/8/02	318	205	164	457	0	48	25	96714	
9	Res	PV	1.4	4.0	1.08	1,892	12/20/02	155	0	303	211	283	110	285	96722	
10	Res	PV	3.2	2.0	2.00	3,504	12/20/02	563	484	582	725	2,154	1,388	2,284	96714	
11	Res	PV	1.8	4.0	1.44	2,523	12/20/02	0	0	0	4	1	10	5	96714	
12	Res	PV	3.3	4.0	2.84	4,625	5/12/03	0	1,781	0	0	0	0	0	96703	
13	Res	PV	4.0	4.0	3.20	5,606	7/1/03	481	74	0	3	117	0	193	96746	
14	Res	PV	2.4	4.0	1.92	3,364	9/29/03	1,630	821	496	88	309	0	971	96754	
15	Res	PV	2.4	2.5	1.94	3,392	11/13/03	1,408	1,399	2,289	2,283	1,384	198	1,779	96722	
16	Res	PV	3.0	3.5	2.43	4,261	1/12/04	2,297	1,800	1,457	1,788	1,742	1,908	1,777	96754	
17	Res	PV	0.8	1.1	0.60	1,051	5/18/04	591	628	648	414	499	620	589	96746	
18	Res	PV	1.8	1.8	1.28	2,243	5/25/04	520	683	483	683	1,121	1,125	1,028	96796	
19	Res	PV	1.8	2.5	1.28	2,243	7/1/04	665	451	399	483	420	91	629	96754	
20	Com	PV	25.0	20.0	20.00	35,040	7/1/04	200	200	300	500	600	400	100	96786	
21	Res	PV	2.2	2.5	1.76	3,084	7/7/04	1,373	1,254	1,194	1,409	675	1,072	1,119	96703	
22	Res	PV	1.2	4.0	0.96	1,682	7/14/04	417	282	52	0	3	0	0	96746	
23	Res	PV	2.5	2.5	2.00	3,504	12/29/04	785	264	214	146	257	0	0	96746	
24	Res	PV	5.0	5.5	4.00	7,008	1/5/05	2,402	2,310	2,588	1,790	2,484	2,914	2,725	96765	
25	Res	PV	2.0	2.5	1.60	2,803	3/15/05	649	555	1,046	1,031	892	1,051	945	96746	
26	Res	PV	3.5	6.0	2.80	4,906	10/21/05	148	1,048	822	390	838	734	768	96746	
27	Res	PV	5.8	6.0	4.64	8,129	11/23/05		2,213	2,794	2,111	2,241	2,007	2,435	96766	
28	Res	PV	2.0	2.0	1.60	2,803	3/6/06		644	1,081	1,019	771	899	691	96746	
29	Res	PV	3.0	8.0	2.40	4,205	4/19/06		805	1,051	1,804	1,900	2,007	1,567	96746	
30	Res	PV	12.0	12.0	9.60	16,819	5/12/06		1,091	3,655	2,125	6,358	8,342	5,865	96722	
31	Res	PV	3.0	6.0	2.40	4,205	5/12/06		2,349	3,529	3,038	2,982	2,537	2,384	96722	
32	Res	PV	3.0	3.0	2.40	4,205	5/15/06		216	0	328	255	570	480	96754	
33	Res	PV	1.0	5.0	0.80	1,402	8/15/06		31	745	385	82	2	0	96746	
34	Res	PV	1.0	2.0	0.80	1,402	8/21/06		372	1,416	1,134	982	891	663	96741	
35	Res	PV	2.0	2.5	1.60	2,803	9/7/06		27	78	144	128	119	59	96754	
36	Res	PV	3.0	3.0	2.40	4,205	10/8/06		374	2,433	2,107	1,349	3,382	2,190	96746	
37	Res	PV	1.0	3.0	0.80	1,402	10/8/06		98	670	450	281	426	2,120	96746	
38	Res	PV	2.7	3.6	2.16	3,784	10/27/06		197	1,795	1,972	1,872	1,517	2,119	96754	
39	Res	PV	1.8	3.8	1.28	2,243	11/21/06		37	1,749	1,798	1,660	1,867	1,583	96766	
40	Res	PV	1.5	3.0	1.20	2,102	11/24/06		19	241	288	283	319	213	96754	
41	Res	PV	2.0	3.0	1.60	2,803	12/19/06		0	2,573	2,297	2,151	2,330	2,379	96746	
42	Res	PV	3.5	3.5	2.80	4,906	1/17/07			1,788	1,860	1,608	2,002	1,792	96705	
43	Res	PV	3.1	3.0	2.48	4,345	1/24/07			487	420	622	1,107	689	96746	
44	Res	PV	3.2	4.0	2.56	4,485	1/28/07				4,684	4,522	4,301	4,179	96786	
45	Com	PV	9.2	10.4	7.36	12,895	2/1/07				4,855	8,988	10,784	10,977	18,780	96716
46	Res	PV	2.8	2.8	2.24	3,924	2/9/07				2,596	2,694	1,983	2,837	2,932	96746
47	Res	PV	3.5	3.2	2.80	4,906	2/9/07				1,484	1,880	1,780	1,031	1,058	96746
48	Res	PV	1.0	3.0	0.80	1,402	4/7/07				298	1,735	1,294	1,471	1,398	96741
49	Res	PV	4.2	6.0	3.36	5,887	4/9/07				2,120	3,577	2,453	2,384	2,656	96703
50	Res	PV	3.0	3.0	2.40	4,205	5/10/07				1,388	2,557	3,602	3,091	1,880	96752
51	Res	PV	1.8	2.0	1.44	2,523	5/21/07				618	952	618	864	844	96754
52	Res	PV	3.0	3.0	2.40	4,205	6/7/07				168	317	902	0	1,342	96722
53	Res	PV	2.3	2.3	1.84	3,224	7/10/07				574	1,271	1,020	0	1,774	96752
54	Res	PV	2.3	2.5	1.84	3,224	7/17/07				168	918	1,975	582	418	96754
55	Res	PV	1.6	1.6	1.28	2,243	7/17/07				338	612	468	527	382	96714
56	Res	PV	3.0	3.0	2.40	4,205	8/2/07				1,234	3,239	3,039	3,150	2,428	96746
57	Com	PV	18.5	18.5	14.80	25,930	8/14/07				2,280	16,785	13,818	15,220	12,764	96748
58	Res	PV	3.0	6.0	2.40	4,205	10/17/07				112	441	366	202	257	96722
59	Res	PV	1.2	1.5	0.96	1,682	10/20/07				112	349	69	846	947	96741
60	Res	PV	6.0	6.0	4.80	8,410	10/30/07				0	1,441	3,375	3,060	3,307	96766
61	Res	PV	3.8	3.8	3.04	5,326	10/15/07				89	2,358	2,060	1,000	923	96741
62	Res	PV	3.0	3.0	2.40	4,205	11/27/07				0	883	407	1,193	902	96746
63	Res	PV	3.1	3.0	2.48	4,345	12/15/07				0	132	62	9	8	96754
64	Res	PV	2.7	3.8	2.16	3,784	12/15/07				0	1,833	1,570	1,622	1,301	96741

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	Surplus Energy 2005 (kWh)	Surplus Energy 2006 (kWh)	Surplus Energy 2007 (kWh)	Surplus Energy 2008 (kWh)	Surplus Energy 2009 (kWh)	Surplus Energy 2010 (kWh)	Surplus Energy 2011 (kWh)	(J)
					=<D*.8,E	=F*.2*8760		(I)							
65	Res	PV	3.1	3.0	2.48	4,345	12/17/07			0	2,947	2,857	2,917	2,852	96714
66	Res	PV	0.8	1.8	0.84	1,121	12/17/07			0	998	804	999	921	96746
67	Res	PV	5.9	6.0	4.72	8,269	12/20/07			0	3,874	4,271	5,074	3,818	96768
68	Res	PV	3.1	3.0	2.48	4,345	12/21/07			0	181	245	290	159	96758
69	Res	PV	6.0	6.0	4.80	8,410	12/21/07			0	4,859	5,175	5,703	5,050	96758
70	Res	PV	5.1	5.0	4.08	7,148	12/26/07			0	5,530	6,255	5,288	4,456	96716
71	Res	PV	5.1	5.0	4.08	7,148	12/26/07			0	5,217	5,494	6,282	5,473	96766
72	Com	PV	32.8	28.0	26.08	45,692	12/27/07			0	31,240	34,440	32,000	31,400	96752
73	Com	PV	29.4	30.0	23.52	41,207	12/27/07			0	5,240	3,120	6,000	2,160	96768
74	Com	PV	32.8	28.0	26.08	45,692	12/27/07			0	40,000	44,600	42,640	38,280	96752
75	Res	PV	4.2	6.0	3.36	5,887	12/28/07			0	4,514	4,559	4,870	4,200	96765
76	Res	PV	3.8	4.0	3.04	5,328	1/8/08				4	27	260	1,710	96746
77	Com	PV	14.7	14.0	11.76	20,604	1/14/08				0	100	0	0	96768
78	Res	PV	4.8	4.0	3.84	6,728	2/3/08				2,853	2,291	3,199	2,502	96746
79	Res	PV	3.5	3.0	2.80	4,906	2/5/08				0	1,508	2,800	2,743	96746
80	Com	PV	5.0	5.0	4.00	7,008	2/8/08				0	980	1,449	1,073	96722
81	Com	PV	9.8	10.0	7.84	13,736	2/8/08				0	443	894	746	96722
82	Com	PV	9.8	10.0	7.84	13,736	2/8/08				0	3,121	3,359	3,574	96722
83	Com	PV	55.8	50.0	44.64	78,209	2/10/08				6,400	7,320	40	1,680	96746
84	Com	PV	36.0	30.0	28.80	50,458	2/12/08				240	840	720	120	96741
85	Res	PV	1.8	4.0	1.44	2,523	3/3/08				1,831	2,109	2,101	1,904	96741
86	Res	PV	3.1	3.0	2.48	4,345	3/3/08				2,247	2,599	2,521	2,554	96703
87	Res	PV	3.0	3.0	2.40	4,205	3/19/08				1,975	2,441	2,553	2,390	96768
88	Res	PV	2.0	4.0	1.60	2,803	4/3/08				1,571	1,989	1,748	1,842	96768
89	Res	PV	1.8	3.0	1.44	2,523	4/3/08				1,244	1,308	1,484	1,469	96722
90	Res	PV	3.1	2.5	2.48	4,345	4/10/08				1,848	2,001	2,092	1,914	96722
91	Res	PV	4.3	4.0	3.44	6,027	4/15/08				2,624	4,099	4,321	3,754	96758
92	Res	PV	4.0	7.2	3.20	5,606	4/18/08				1,508	4,225	2,520	0	96746
93	Res	PV	3.0	3.0	2.40	4,205	4/22/08				1,228	958	410	825	96758
94	Res	PV	1.8	3.0	1.44	2,523	5/12/08				1,083	1,639	1,746	1,686	96746
95	Res	PV	2.4	3.0	1.92	3,384	5/14/08				1,548	2,502	2,859	2,535	96746
96	Res	PV	1.4	3.0	1.12	1,962	5/14/08				712	1,687	1,792	1,639	96746
97	Res	PV	1.8	7.0	1.44	2,523	5/14/08				4	21	107	1,313	96746
98	Res	PV	3.1	3.0	2.48	4,345	5/21/08				0	380	0	1,228	96754
99	Res	PV	4.0	5.0	3.20	5,606	5/19/08				2,520	2,425	2,065	1,524	96714
100	Res	PV	3.0	3.0	2.40	4,205	5/28/08				1,282	1,708	1,380	1,560	96754
101	Res	PV	6.7	7.0	5.36	9,391	5/29/08				2,440	6,114	5,825	6,175	96752
102	Res	PV	1.3	2.0	1.04	1,822	6/2/08				737	1,893	1,438	1,350	96741
103	Res	PV/W	6.5	6.9	5.20	9,110	6/3/08				2,398	3,032	3,377	3,267	96703
104	Res	PV	2.7	4.0	2.16	3,784	6/8/08				694	948	1,817	1,575	96722
105	Res	PV	2.8	3.0	2.24	3,924	6/19/08				1,672	2,975	3,035	2,867	96746
106	Res	PV	2.2	3.0	1.76	3,084	6/19/08				362	1,898	2,576	2,124	96765
107	Res	PV	3.0	4.0	2.40	4,205	7/2/08				1,134	2,518	2,405	2,082	96756
108	Res	PV	3.0	3.0	2.40	4,205	7/7/08				11	1,097	1,265	1,539	96752
109	Res	PV	2.0	3.0	1.60	2,803	7/11/08				727	2,271	2,953	2,818	96705
110	Res	PV	3.1	4.0	2.48	4,345	7/11/08				1,265	2,829	3,138	3,099	96766
111	Res	PV	3.3	4.0	2.64	4,625	7/11/08				1,112	3,323	3,443	3,157	96746
112	Res	PV	1.9	4.0	1.52	2,663	7/17/08				634	1,404	1,325	1,190	96746
113	Res	PV	3.0	4.0	2.40	4,205	7/17/08				1,359	3,080	3,458	3,459	96746
114	Res	PV	3.5	4.0	2.80	4,906	7/20/08				1,066	2,929	3,549	2,957	96766
115	Res	PV	6.0	6.0	4.80	8,410	7/25/08				2,128	5,032	4,778	5,216	96754
116	Res	PV	4.0	4.0	3.20	5,606	7/30/08				905	1,813	2,773	3,016	96766
117	Res	PV	3.0	3.0	2.40	4,205	8/1/08				171	1,600	0	2,898	96746
118	Res	PV	1.3	1.5	1.04	1,822	8/7/08				49	202	136	43	96766
119	Res	PV	4.0	5.0	3.20	5,606	8/7/08				1,414	4,213	4,450	3,969	96756
120	Res	PV	4.0	4.0	3.20	5,606	8/7/08				1,320	3,862	4,065	4,141	96756
121	Res	PV	6.0	6.0	4.80	8,410	8/11/08				346	1,104	1,958	1,766	96754
122	Res	PV	3.0	4.0	2.40	4,205	8/11/08				1,033	2,482	2,545	2,341	96766
123	Res	PV	1.8	1.8	1.44	2,523	8/12/08				185	428	449	405	96746
124	Res	PV	3.3	3.0	2.64	4,625	8/12/08				1,071	3,154	2,938	2,966	96746
125	Res	PV	4.0	4.0	3.20	5,606	8/13/08				982	2,904	3,141	19,003	96766
126	Res	PV	4.0	4.0	3.20	5,606	8/18/08				1,512	4,332	4,615	3,805	96766
127	Res	PV	3.5	4.0	2.80	4,906	8/28/08				1,038	3,342	3,856	3,470	96766
128	Res	PV	5.9	7.0	4.72	8,269	8/29/08				1,478	5,663	6,646	6,062	96756
129	Res	PV	1.0	1.8	0.80	1,402	9/18/08				214	839	800	779	96714
130	Res	PV	1.1	3.0	0.88	1,542	9/19/08				104	299	311	269	96754
131	Res	PV	5.0	5.0	4.00	7,008	9/25/08				267	1,437	988	1,036	96746
132	Res	PV	7.0	7.0	5.60	9,811	9/30/08				525	3,719	3,980	4,306	96746
133	Res	PV	5.0	5.0	4.00	7,008	10/7/08				607	2,582	2,504	3,266	96714
134	Res	PV	6.3	7.0	5.04	8,830	10/8/08				666	5,855	5,874	5,735	96765
135	Res	PV	3.0	3.0	2.40	4,205	10/9/08				408	3,221	3,508	3,183	96756

(A)	(B)	(C)	(D)	(E)	(F) =D*.8,E	(G) =F*.2*8760	(H)	Surplus Energy 2005 (kWh)	Surplus Energy 2006 (kWh)	Surplus Energy 2007 (kWh)	Surplus Energy 2008 (kWh)	Surplus Energy 2009 (kWh)	Surplus Energy 2010 (kWh)	Surplus Energy 2011 (kWh)	(J)
								(I)							
136	Res	Wind	1.8	1.8	1.44	2,523	10/23/08				162	912	263	428	96703
137	Res	Wind	1.8	1.8	1.44	2,523	10/23/08				102	563	546	541	96703
138	Res	PV	1.8	7.0	1.44	2,523	10/30/08				48	490	1,703	2,505	96746
139	Res	PV	1.8	1.8	1.28	2,243	10/31/08				0	124	351	335	96741
140	Res	PV	2.8	4.0	2.08	3,644	11/6/08				197	2,824	2,998	2,143	96756
141	Res	PV	3.0	3.0	2.40	4,205	11/12/08				58	447	261	1,731	96746
142	Res	PV	3.0	3.0	2.40	4,205	11/15/08				2	58	86	105	96746
143	Res	PV	3.1	3.0	2.48	4,345	11/15/08				0	3	2	4	96714
144	Res	PV	6.0	6.0	4.80	8,410	11/15/08				271	3,606	2,038	1,778	96703
145	Com	PV	46.8	42.0	37.28	65,315	12/8/08				100	1,020	5,480	2,200	96766
146	Res	PV	3.0	7.0	2.40	4,205	12/11/08				6	1,949	925	1,086	96722
147	Res	PV	3.0	3.0	2.40	4,205	12/11/08				0	870	862	635	96722
148	Com	PV	17.8	18.0	14.08	24,668	12/16/08				0	9,014	11,246	10,168	96766
149	Com	PV	38.0	38.0	28.80	50,458	12/18/08				0	33,157	37,480	31,480	96766
150	Res	PV	5.2	5.0	4.16	7,288	12/24/08				0	2,728	3,521	3,378	96766
151	Res	PV	3.8	4.0	2.88	5,046	1/7/09					2,864	2,638	2,598	96722
152	Com	PV	33.2	35.0	26.56	46,533	1/7/09					7,120	6,880	7,320	96746
153	Res	PV	5.0	5.0	4.00	7,008	1/8/09					4,255	3,621	3,104	96752
154	Res	PV	5.8	6.0	4.64	8,129	1/23/09					330	27	907	96714
155	Com	PV	14.0	14.0	11.20	19,622	2/5/09					893	880		96766
156	Res	PV	0.2	3.0	0.16	280	3/11/09					0	0	0	96766
157	Res	PV	6.2	6.0	4.96	8,690	4/7/09					4,150	3,168	3,069	96754
158	Res	PV	3.0	3.0	2.40	4,205	4/14/09					1,847	3,360	3,182	96752
159	Res	PV	4.0	4.0	3.20	5,606	4/13/09					4,365	5,843	5,604	96754
160	Res	PV	10.0	10.0	8.00	14,016	4/16/09					7,162	12,037	14,368	96754
161	Res	PV	6.0	6.0	4.80	8,410	6/3/09					5,352	3,120	768	96754
162	Res	PV	5.0	5.0	4.00	7,008	6/9/09					4,960	5,428	5,006	96741
163	Com	PV	15.4	14.0	12.32	21,585	6/30/09					0	0	0	96766
164	Res	PV	3.0	3.0	2.40	4,205	8/18/09					1,038	267	599	96766
165	Com	PV	32.0	30.0	25.60	44,651	12/15/09					0	0	0	96766
166	Com	PV	19.8	21.0	15.84	27,752	12/30/09					0	0	80	96766
					kW	kWh		kWh	kWh	kWh	kWh	kWh	kWh	kWh	
Totals					784	1,374,213		18,950	25,636	61,022	267,247	454,698	469,451	468,978	

Notes:

- (A) NEM Customer #
- (B) Customer Type: Res = Residential, Com = Commercial
- (C) System Type: PV = Photovoltaic, W=Wind
- (D) Panel capacity: Capacity of PV panels in kWdc
- (E) Inverter Capacity: Capacity of inverter in kWac
- (F) Installed Capacity: Lesser of (panel capacity x 80% efficiency factor) or inverter capacity
Prior to 2011 data filing, column reported lesser of panel capacity or inverter capacity, without consideration of 80% panel efficiency
- (G) Energy Produced: Estimated using the installed capacity x 20% capacity factor x 8760
- (H) Connection date: Date KIUC installed the NEM meter
- (I) Surplus Energy: Energy flowing onto the KIUC grid in kWh
- (J) Zip Code
1/2% allocation 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	2011	Total thru
Packets Mailed	89	22	48	95	179	83	n/a	n/a	516
Units installed	23	4	14	34	75	16	0	0	166
Cumulative Installed kW ¹	74	87	118	291	651	784	784	784	784
Installed kW	Prior	2005	2006	2007	2008	2009	2010	2011	
KIUC Peak (MW)		76.2	76.8	77.5	77.8	75.4	76	72	MW
Max allowable NEM kW (1% of Peak)		381	384	775	778	754	760	720.5	kW
Cumulative Installed NEM Capacity kW ²	74	87	118	291	651	784	784	784	kW
Installed NEM kW as a percent of KIUC Peak		0.11%	0.15%	0.38%	0.84%	1.04%	1.03%	1.09%	

¹ Prior to 2011 data filing, reported as "kWdc installed systems," which is the total Panel Capacity (column D above) of all systems.

"Cumulative Installed kW" is the total Installed Capacity (Column F above) of all systems, which is a better measure of total system capacity.

² Prior to 2011 data filing, reported as "Installed NEM AC Panel Capacity kW."

The change was made to reflect cumulative installed capacity on an annual basis, which provides a better measure of program fulfillment year by year.

ATTACHMENT B

Attachment B
Schedule Q Modified
Kauai Island Utility Cooperative

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) = <D*.8,E	Energy Produced (kWh) (G) = F*.2*8760	Connection Date (H)	Zip Code (I)
1	Res	PV	2.0	3.0	1.6	2,803	06/19/08	96756
2	Res	W	1.8	1.8	1.4	2,523	07/08/08	96741
3	Res	PV	4.0	4.0	3.2	5,606	08/07/08	96741
4	Res	PV	5.25	5.0	4.2	7,358	08/13/08	96756
5	Res	PV	4.0	5.1	3.2	5,606	08/21/08	96722
6	Res	PV	2.7	3.0	2.2	3,784	09/02/08	96754
7	Res	PV	8.0	7.0	6.4	11,213	09/30/08	96716
8	Res	PV	1.8	3.0	1.4	2,523	10/08/08	96746
9	Res	PV	2.25	3.0	1.8	3,154	10/23/08	96741
10	Res	W	1.8	1.8	1.4	2,523	10/27/08	96754
11	Res	PV	2.3	3.0	1.8	3,224	10/30/08	96754
12	Res	PV	4.0	5.1	3.2	5,606	10/31/08	96746
13	Com	PV	110.0	95.0	88.0	154,176	11/05/08	96766
14	Res	PV	2.1	4.0	1.7	2,943	11/06/08	96741
15	Com	PV	46.6	42.0	37.3	65,315	12/08/08	96766
16	Res	PV	1.8	2.0	1.4	2,523	12/11/08	96766
17	Res	PV	1.46	5.0	1.2	2,046	12/19/08	96746
18	Res	PV	1.6	4.0	1.3	2,243	12/24/08	96752
19	Com	PV	105.0	98.0	84.0	147,168	12/29/08	96766
20	Res	PV	2.52	4.0	2.0	3,532	01/08/09	96722
21	Res	PV	10.6	10.0	8.5	14,857	01/12/09	96722
22	Res	PV	2.73	3.0	2.2	3,826	01/15/09	96754
23	Res	PV	4.5	5.1	3.6	6,307	01/15/09	96746
24	Res	PV	4.5	5.1	3.6	6,307	01/15/09	96746
25	Res	PV	2.15	5.1	1.7	3,013	01/16/09	96754
26	Res	PV	5.0	5.1	4.0	7,008	01/16/09	96752
27	Res	PV	4.2	7.0	3.4	5,887	01/21/09	96703
28	Res	PV	2.1	2.8	1.7	2,943	01/30/09	96722
29	Res	PV	1.35	3.0	1.1	1,892	02/05/09	96766
30	Res	PV	1.6	2.0	1.3	2,243	02/10/09	96756
31	Res	W	1.8	1.8	1.4	2,523	02/11/09	96746
32	Res	PV	2.7	3.0	2.2	3,784	02/23/09	96754
33	Res	PV	1.8	7.0	1.4	2,523	03/02/09	96746
34	Res	PV	2.56	3.0	2.0	3,588	03/02/09	96746
35	Res	PV	7.0	7.0	5.6	9,811	03/17/09	96766
36	Res	PV	3.6	3.0	2.9	5,046	03/23/09	96766
37	Res	PV	2.5	3.6	2.0	3,504	03/24/09	96756
38	Res	PV	3.9	4.0	3.1	5,466	03/24/09	96756
39	Res	PV	1.5	1.5	1.2	2,102	04/07/09	96705
40	Res	PV	4.2	5.0	3.4	5,887	04/14/09	96703
41	Res	PV	2.4	3.0	1.9	3,364	04/17/09	96722
42	Res	PV	8.1	7.0	6.5	11,353	04/28/09	96756
43	Res	PV	4.7	5.0	3.8	6,588	05/01/09	96746
44	Res	PV	5.3	5.0	4.2	7,428	05/27/09	96746
45	Res	PV	3.2	3.2	2.6	4,485	06/03/09	96746
46	Res	PV	6.0	6.0	4.8	8,410	06/05/09	96746
47	Res	PV	1.7	1.7	1.4	2,383	06/09/09	96796
48	Res	W	1.8	1.8	1.4	2,523	06/10/09	96746
49	Res	PV	0.76	0.76	0.6	1,065	06/23/09	96741
50	Res	PV	3.5	5.1	2.8	4,908	06/25/09	96756
51	Res	PV	1.6	1.6	1.3	2,243	07/02/09	96746
52	Res	PV	1.3	3.0	1.0	1,822	07/06/09	96754
53	Res	PV	8.9	10.0	7.1	12,474	07/16/09	96754

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) =<D*.8,E	Energy Produced (kWh) (G) =F*.2*8760	Connection Date (H)	Zip Code (I)
54	Res	PV	1.57	5.0	1.3	2,201	08/20/09	96754
55	Res	PV	2.6	3.0	2.1	3,644	08/20/09	96746
56	Res	PV	5.0	5.0	4.0	7,008	08/20/09	96741
57	Res	PV	1.34	3.0	1.1	1,878	08/28/09	96765
58	Res	PV	2.24	10.0	1.8	3,140	09/04/09	96796
59	Res	PV	1.68	1.68	1.3	2,355	09/11/09	96722
60	Res	PV	2.77	3.0	2.2	3,882	09/11/09	96746
61	Res	PV	6.3	6.0	5.0	8,830	09/11/09	96722
62	Res	PV	1.5	1.5	1.2	2,102	09/29/09	96716
63	Res	PV	4.6	4.6	3.7	6,447	09/29/09	96746
64	Res	PV	5.3	5.0	4.2	7,428	10/13/09	96746
65	Res	PV	9.7	10.0	7.8	13,596	10/16/09	96741
66	Res	PV	6.5	7.5	5.2	9,110	10/30/09	96754
67	Res	PV	5.0	5.0	4.0	7,008	11/02/09	96754
68	Com	PV	8.1	7.0	6.5	11,353	11/27/09	96746
69	Res	PV	2.7	2.7	2.2	3,784	12/01/09	96705
70	Res	PV	3.2	3.0	2.6	4,485	12/01/09	96754
71	Res	PV	1.3	1.3	1.0	1,822	12/09/09	96741
72	Res	PV	1.8	3.0	1.4	2,523	12/09/09	96746
73	Res	PV	1.8	3.0	1.4	2,523	12/10/09	96754
74	Res	PV	4.4	5.0	3.5	6,167	12/10/09	96756
75	Res	PV	2.0	4.0	1.6	2,803	12/16/09	96796
76	Res	PV	2.7	7.7	2.2	3,784	12/16/09	96796
77	Res	PV	4.3	5.0	3.4	6,027	12/16/09	96714
78	Res	PV	2.0	2.0	1.6	2,803	12/23/09	96746
79	Res	PV	2.1	3.0	1.7	2,943	12/23/09	96752
80	Res	PV	4.7	6.0	3.8	6,588	12/23/09	96746
81	Res	PV	1.3	1.3	1.0	1,766	12/28/09	96716
82	Res	PV	1.7	1.7	1.4	2,383	12/28/09	96766
83	Res	PV	3.0	3.0	2.4	4,205	12/28/09	96766
84	Res	PV	3.4	3.4	2.7	4,709	12/28/09	96796
85	Res	PV	3.8	3.8	3.0	5,298	12/28/09	96756
86	Res	PV	4.0	4.0	3.2	5,606	12/28/09	96741
87	Res	PV	5.0	6.6	4.0	7,008	12/28/09	96754
88	Res	PV	1.1	3.0	0.9	1,542	12/29/09	96754
89	Res	PV	3.8	3.8	3.0	5,298	12/29/09	96746
90	Res	PV	6.0	6.0	4.8	8,410	12/29/09	96754
91	Res	PV	1.7	3.0	1.3	2,355	12/30/09	96741
92	Res	PV	2.1	2.1	1.7	2,943	12/30/09	96754
93	Res	PV	2.1	2.1	1.7	2,943	12/30/09	96746
94	Res	PV	2.1	2.1	1.7	2,943	12/30/09	96746
95	Res	PV	3.5	3.0	2.8	4,906	12/30/09	96754
96	Res	PV	3.8	3.8	3.0	5,326	12/30/09	96746
97	Res	PV	5.9	5.9	4.7	8,269	12/30/09	96756
98	Res	PV	4.2	4.2	3.4	5,887	01/04/10	96746
99	Res	PV	2.1	2.1	1.7	2,943	01/14/10	96796
100	Res	PV	2.2	2.2	1.8	3,084	01/14/10	96746
101	Com	PV	17.5	18.0	14.0	24,528	01/14/10	96756
102	Res	PV	7.7	7.0	6.2	10,792	01/18/10	96746
103	Res	PV	2.6	2.6	2.1	3,644	01/21/10	96746
104	Res	PV	4.8	5.0	3.8	6,728	02/01/10	96741
105	Res	PV	3.5	4.0	2.8	4,906	02/04/10	96722
106	Res	PV	2.1	4.0	1.7	2,943	02/11/10	96741
107	Res	PV	2.0	2.0	1.6	2,803	02/16/10	96716
108	Res	PV	3.2	3.0	2.6	4,485	02/16/10	96756
109	Res	PV	3.5	3.0	2.8	4,906	02/16/10	96754
110	Res	PV	5.0	6.0	4.0	7,008	02/26/10	96746
111	Res	PV	3.8	3.5	3.0	5,326	03/01/10	96765
112	Res	PV	1.7	3.0	1.4	2,383	03/03/10	96765

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) =<D*.8,E	Energy Produced (kWh) (G) =F*.2*8760	Connection Date (H)	Zip Code (I)
113	Res	PV	7.5	5.7	5.7	9,986	03/08/10	96722
114	Res	PV	3.1	3.0	2.5	4,345	03/10/10	96741
115	Res	PV	3.2	3.2	2.6	4,485	03/10/10	96766
116	Res	PV	6.6	6.0	5.3	9,251	03/18/10	96756
117	Res	PV	2.1	4.0	1.7	2,943	03/30/10	96746
118	Res	PV	2.1	2.1	1.7	2,943	03/30/10	96722
119	Res	PV	6.8	6.0	5.4	9,531	03/30/10	96746
120	Res	PV	1.1	1.1	0.9	1,542	04/01/10	96746
121	Res	PV	3.4	4.0	2.7	4,765	04/08/10	96746
122	Res	PV	4.6	4.6	3.7	6,447	04/08/10	96752
123	Res	PV	5.4	5.4	4.3	7,569	04/08/10	96746
124	Res	PV	2.2	3.0	1.8	3,084	04/09/10	96766
125	Res	PV	3.3	4.0	2.6	4,625	04/12/10	96746
126	Res	PV	2.1	3.0	1.7	2,943	04/15/10	96746
127	Res	PV	6.2	6.0	5.0	8,690	04/15/10	96765
128	Res	PV	2.1	2.1	1.7	2,943	04/22/10	96756
129	Res	PV	3.2	3.2	2.6	4,485	04/22/10	96765
130	Res	PV	2.2	3.0	1.8	3,084	04/28/10	96703
131	Res	PV	2.1	2.1	1.7	2,943	04/29/10	96766
132	Res	PV	2.3	2.3	1.8	3,224	04/29/10	96766
133	Res	PV	1.8	1.9	1.4	2,523	04/30/10	96766
134	Res	PV	3.9	5.1	3.1	5,466	04/30/10	96705
135	Res	PV	2.5	2.5	2.0	3,504	05/04/10	96746
136	Com	PV	29.1	30.0	23.3	40,787	05/14/10	96766
137	Res	PV	4.1	4.1	3.3	5,747	06/01/10	96796
138	Res	PV	4.7	5.0	3.8	6,588	06/01/10	96756
139	Res	PV	2.3	2.3	1.8	3,224	06/04/10	96766
140	Res	PV	2.8	2.8	2.2	3,924	06/04/10	96741
141	Res	PV	4.8	4.8	3.8	6,728	06/04/10	96741
142	Res	W	1.8	1.8	1.4	2,523	06/08/10	96754
143	Res	PV	3.2	3.0	2.6	4,485	06/10/10	96722
144	Res	PV	2.1	2.1	1.7	2,943	06/21/10	96746
145	Res	PV	1.9	1.9	1.5	2,663	06/24/10	96705
146	Res	PV	3.5	3.6	2.8	4,906	07/02/10	96705
147	Com	PV	9.2	9.0	7.4	12,895	07/06/10	96766
148	Res	PV	1.9	3.0	1.5	2,663	07/09/10	96741
149	Res	PV	2.2	1.9	1.8	3,084	07/13/10	96752
150	Res	PV	1.9	2.3	1.5	2,663	07/14/10	96741
151	Res	PV	1.9	2.3	1.5	2,663	07/23/10	96705
152	Res	PV	4.3	4.3	3.4	6,027	07/26/10	96766
153	Res	PV	2.3	3.0	1.8	3,224	07/27/10	96754
154	Res	PV	4.2	4.2	3.4	5,887	07/28/10	96741
155	Res	PV	5.3	5.3	4.2	7,428	07/30/10	96754
156	Res	PV	2.1	3.0	1.7	2,943	08/03/10	96715
157	Res	PV	4.8	4.2	3.8	6,728	08/04/10	96746
158	Res	PV	1.9	1.9	1.5	2,663	08/05/10	96752
159	Res	PV	3.4	6.0	2.7	4,765	08/06/10	96714
160	Res	PV	3.9	3.0	3.0	5,256	08/09/10	96796
161	Res	PV	2.2	3.0	1.8	3,084	08/13/10	96746
162	Res	PV	3.8	4.0	3.0	5,326	08/13/10	96754
163	Res	PV	3.8	3.0	3.0	5,256	08/13/10	96746
164	Res	PV	1.4	1.1	1.1	1,927	08/17/10	96756
165	Res	PV	2.0	1.7	1.6	2,803	08/18/10	96714
166	Res	PV	2.4	1.9	1.9	3,329	08/19/10	96766
167	Res	PV	2.1	3.0	1.7	2,943	08/30/10	96722
168	Res	PV	3.3	3.3	2.6	4,625	08/30/10	96766
169	Res	PV	2.6	2.5	2.1	3,644	09/09/10	96766
170	Res	PV	0.7	3.0	0.6	981	09/14/10	96746
171	Res	PV	0.7	0.7	0.6	981	09/15/10	96746

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) = $D \cdot 8.E$	Energy Produced (kWh) (G) = $F \cdot 2 \cdot 8780$	Connection Date (H)	Zip Code (I)
172	Res	PV	3.8	3.8	3.0	5,326	09/15/10	96746
173	Res	PV	3.4	3.4	2.7	4,765	09/17/10	96796
174	Res	PV	1.9	1.9	1.5	2,663	09/21/10	96766
175	Res	PV	4.0	4.0	3.2	5,606	09/21/10	96746
176	Res	PV	2.8	3.0	2.2	3,924	09/22/10	96796
177	Res	PV	2.0	1.7	1.6	2,803	09/23/10	96747
178	Res	PV	0.5	3.0	0.4	701	09/24/10	96722
179	Res	PV	1.9	1.9	1.5	2,663	09/24/10	96741
180	Res	PV	1.8	1.9	1.4	2,523	09/29/10	96796
181	Res	PV	4.6	4.0	3.7	6,447	09/30/10	96754
182	Res	PV	2.1	2.1	1.7	2,943	10/04/10	96746
183	Res	PV	4.6	4.0	3.7	6,447	10/07/10	96741
184	Res	PV	2.1	2.1	1.7	2,943	10/14/10	96766
185	Res	PV	1.9	1.9	1.5	2,663	10/19/10	96766
186	Res	PV	2.2	2.0	1.8	3,084	10/19/10	96746
187	Res	PV	2.5	2.5	2.0	3,504	10/19/10	96766
188	Res	PV	2.1	2.1	1.7	2,943	10/21/10	96716
189	Res	PV	5.4	5.0	4.3	7,569	10/21/10	96766
190	Res	PV	4.2	4.2	3.4	5,887	10/22/10	96741
191	Res	PV	2.1	2.1	1.7	2,943	10/25/10	96716
192	Res	PV	2.3	2.3	1.8	3,224	10/25/10	96746
193	Res	PV	2.3	2.3	1.8	3,224	10/25/10	96746
194	Res	PV	4.6	4.6	3.7	6,447	10/25/10	96746
195	Res	PV	1.9	1.9	1.5	2,663	11/05/10	96716
196	Res	PV	2.6	2.6	2.1	3,644	11/05/10	96756
197	Res	PV	5.4	7.0	4.3	7,569	11/05/10	96754
198	Res	PV	3.2	3.2	2.6	4,485	11/09/10	96746
199	Com	PV	101.0	100.0	80.8	141,562	11/19/10	96746
200	Res	PV	1.8	1.8	1.4	2,523	11/22/10	96766
201	Res	PV	3.3	3.0	2.6	4,625	11/22/10	96741
202	Res	PV	1.7	1.7	1.4	2,383	11/23/10	96741
203	Res	PV	1.9	1.9	1.5	2,663	11/23/10	96756
204	Res	PV	2.1	2.1	1.7	2,943	11/23/10	96741
205	Res	PV	3.8	3.8	3.0	5,326	11/23/10	96716
206	Res	PV	3.8	3.8	3.0	5,326	11/23/10	96705
207	Res	PV	4.2	4.2	3.4	5,887	11/23/10	96741
208	Res	PV	4.2	4.2	3.4	5,887	11/23/10	96746
209	Res	PV	5.3	5.3	4.2	7,428	11/23/10	96766
210	Res	PV	2.4	2.4	1.9	3,364	11/24/10	96766
211	Res	PV	1.4	3.0	1.1	1,962	11/30/10	96754
212	Res	PV	2.1	2.1	1.7	2,943	12/01/10	96746
213	Res	PV	1.1	1.1	0.9	1,542	12/02/10	96754
214	Res	PV	2.1	2.1	1.7	2,943	12/02/10	96722
215	Res	PV	2.3	2.3	1.8	3,224	12/02/10	96796
216	Res	PV	3.0	3.0	2.4	4,205	12/02/10	96741
217	Res	PV	3.4	3.4	2.7	4,765	12/02/10	96766
218	Res	PV	3.4	3.4	2.7	4,765	12/02/10	96766
219	Res	PV	3.8	3.8	3.0	5,326	12/02/10	96752
220	Res	PV	1.9	1.9	1.5	2,663	12/06/10	96746
221	Res	PV	1.9	1.9	1.5	2,663	12/06/10	96746
222	Res	PV	2.3	1.9	1.8	3,224	12/06/10	96746
223	Res	PV	4.2	4.2	3.4	5,887	12/09/10	96752
224	Res	PV	4.2	4.2	3.4	5,887	12/09/10	96741
225	Res	PV	1.6	3.0	1.3	2,243	12/14/10	96752
226	Res	PV	2.1	2.1	1.7	2,943	12/14/10	96746
227	Res	PV	4.3	4.0	3.4	6,027	12/14/10	96741
228	Res	PV	4.9	5.0	3.9	6,868	12/14/10	96765
229	Res	PV	6.4	3.0	3.0	5,256	12/14/10	96756
230	Com	PV	32.9	30.0	26.3	46,113	12/14/10	96766

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) = $D \cdot 8, E$	Energy Produced (kWh) (G) = $F \cdot 2 \cdot 8760$	Connection Date (H)	Zip Code (I)
231	Res	PV	2.5	2.5	2.0	3,504	12/16/10	96741
232	Res	PV	2.7	2.7	2.2	3,784	12/20/10	96705
233	Com	PV	12.6	13.6	10.1	17,660	12/20/10	96746
234	Res	PV	4.6	4.0	3.7	6,447	12/21/10	96746
235	Res	PV	2.1	3.0	1.7	2,943	12/23/10	96766
236	Res	PV	5.3	7.0	4.2	7,428	12/23/10	96746
237	Res	PV	2.7	2.7	2.2	3,784	12/27/10	96765
238	Res	PV	3.4	3.4	2.7	4,765	12/29/10	96741
239	Res	PV	3.8	3.8	3.0	5,326	12/29/10	96746
240	Res	PV	5.8	4.9	4.6	8,129	12/29/10	96756
241	Res	PV	1.9	1.9	1.5	2,663	12/30/10	96746
242	Res	PV	2.1	1.9	1.7	2,943	12/30/10	96752
243	Res	PV	2.1	2.3	1.7	2,943	12/30/10	96705
244	Res	PV	3.2	3.2	2.6	4,485	12/30/10	96796
245	Res	PV	3.8	3.8	3.0	5,326	12/30/10	96746
246	Res	PV	4.0	4.0	3.2	5,606	12/30/10	96746
247	Res	PV	4.6	4.6	3.7	6,447	12/30/10	96741
248	Res	PV	5.9	5.9	4.7	8,269	12/30/10	96756
249	Res	PV	1.5	1.5	1.2	2,102	01/04/11	96722
250	Com	PV	7.7	7.0	6.2	10,792	01/10/11	96766
251	Res	PV	2.2	2.2	1.8	3,084	01/11/11	96705
252	Res	PV	3.8	3.8	3.0	5,326	01/11/11	96746
253	Res	PV	5.9	6.0	4.7	8,269	01/11/11	96741
254	Res	PV	3.8	3.8	3.0	5,326	01/12/11	96746
255	Res	PV	3.8	3.8	3.0	5,326	01/12/11	96766
256	Res	PV	4.6	4.6	3.7	6,447	01/12/11	96741
257	Res	PV	1.7	1.7	1.4	2,383	01/13/11	96756
258	Res	PV	3.8	3.8	3.0	5,326	01/13/11	96746
259	Res	PV	3.8	3.8	3.0	5,326	01/13/11	96746
260	Res	PV	3.8	3.8	3.0	5,326	01/13/11	96741
261	Res	PV	2.8	2.4	2.2	3,924	01/25/11	96714
262	Res	PV	0.7	3.0	0.6	981	01/27/11	96746
263	Res	PV	2.2	1.9	1.8	3,084	01/27/11	96746
264	Res	PV	3.8	3.0	3.0	5,256	01/27/11	96746
265	Com	PV	98.7	79.8	79.0	138,338	01/31/11	96754
266	Res	PV	3.2	2.6	2.6	4,485	02/01/11	96754
267	Res	PV	3.5	3.0	2.8	4,906	02/01/11	96746
268	Res	PV	4.0	3.4	3.2	5,606	02/01/11	96754
269	Res	PV	5.9	5.0	4.7	8,269	02/01/11	96752
270	Res	PV	2.1	1.9	1.7	2,943	02/09/11	96766
271	Res	PV	2.4	1.9	1.9	3,329	02/09/11	96766
272	Res	PV	3.0	3.0	2.4	4,205	02/09/11	96714
273	Res	PV	2.2	1.9	1.8	3,084	02/17/11	96741
274	Res	PV	4.9	5.0	3.9	6,868	02/23/11	96741
275	Res	PV	4.1	3.8	3.3	5,747	02/25/11	96746
276	Res	PV	2.1	2.1	1.7	2,943	03/03/11	96716
277	Res	PV	2.3	1.9	1.8	3,224	03/03/11	96765
278	Res	PV	4.9	6.0	3.9	6,868	03/07/11	96754
279	Res	PV	2.3	2.5	1.8	3,224	03/09/11	96746
280	Res	PV	4.2	6.0	3.4	5,887	03/21/11	96746
281	Res	PV	3.4	3.4	2.7	4,765	03/22/11	96766
282	Com	PV/W	9.7	10.0	7.8	13,596	03/22/11	96746
283	Res	PV	1.9	1.9	1.5	2,663	03/24/11	96752
284	Res	PV	1.9	1.9	1.5	2,663	03/24/11	96741
285	Res	PV	5.7	5.7	4.6	7,989	03/24/11	96756
286	Res	PV	3.8	3.8	3.0	5,326	03/25/11	96752
287	Res	PV	2.1	1.9	1.7	2,943	04/01/11	96746
288	Res	PV	2.1	2.1	1.7	2,943	04/07/11	96746
289	Res	PV	0.7	3.0	0.6	981	04/13/11	96714

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) = $D \cdot 8, E$	Energy Produced (kWh) (G) = $F \cdot 2 \cdot 8760$	Connection Date (H)	Zip Code (I)
290	Res	PV	3.4	3.4	2.7	4,765	04/13/11	96746
291	Res	PV	3.4	3.4	2.7	4,765	04/13/11	96741
292	Res	PV	6.0	6.0	4.8	8,410	04/13/11	96756
293	Res	PV	5.6	5.0	4.5	7,849	04/14/11	96714
294	Res	PV	2.1	2.1	1.7	2,943	04/28/11	96752
295	Res	PV	2.1	2.1	1.7	2,943	04/28/11	96746
296	Res	PV	3.1	2.7	2.5	4,345	05/03/11	96796
297	Res	PV	1.1	1.1	0.9	1,542	05/04/11	96746
298	Com	PV	9.4	7.6	7.5	13,175	05/05/11	96766
299	Com	PV	85.0	75.0	68.0	119,136	05/11/11	96766
300	Res	PV	2.6	2.6	2.1	3,644	05/13/11	96756
301	Res	PV	3.0	3.0	2.4	4,205	05/13/11	96756
302	Res	PV	3.2	3.0	2.6	4,485	05/13/11	96756
303	Res	PV	3.8	3.8	3.0	5,326	05/13/11	96796
304	Res	PV	2.1	1.9	1.7	2,943	05/19/11	96748
305	Res	PV	2.4	1.9	1.9	3,329	05/19/11	96722
306	Res	PV	2.4	1.9	1.9	3,329	05/19/11	96722
307	Res	PV	4.2	4.2	3.4	5,887	05/25/11	96722
308	Res	PV	1.8	1.8	1.4	2,523	05/31/11	96766
309	Res	PV	4.3	4.3	3.4	6,027	05/31/11	96746
310	Res	PV	4.3	4.3	3.4	6,027	05/31/11	96722
311	Res	PV	2.7	2.7	2.2	3,784	06/03/11	96746
312	Res	PV	4.6	3.8	3.7	6,447	06/06/11	96756
313	Res	PV	5.0	5.0	4.0	7,008	06/08/11	96741
314	Res	PV	1.8	1.8	1.4	2,523	06/09/11	96756
315	Res	PV	2.2	3.0	1.8	3,084	06/09/11	96796
316	Res	PV	2.9	2.9	2.3	4,065	06/09/11	96766
317	Res	PV	5.1	5.0	4.1	7,148	06/17/11	96741
318	Res	PV	6.8	6.8	5.4	9,531	06/17/11	96766
319	Res	PV	2.2	2.2	1.8	3,084	06/21/11	96746
320	Res	PV	4.3	4.3	3.4	6,027	06/21/11	96746
321	Res	PV	5.0	4.0	4.0	7,008	06/22/11	96746
322	Res	PV	8.0	7.0	6.4	11,213	06/22/11	96754
323	Res	PV	0.9	0.9	0.7	1,261	06/24/11	96746
324	Res	PV	2.6	2.6	2.1	3,644	06/24/11	96756
325	Res	PV	4.2	4.0	3.4	5,887	06/24/11	96756
326	Res	PV	6.6	6.6	5.3	9,251	06/24/11	96741
327	Res	PV	6.6	8.0	5.3	9,251	06/24/11	96754
328	Res	PV	8.5	8.8	6.8	11,914	06/28/11	96746
329	Res	PV	7.5	7.6	6.0	10,512	06/30/11	96746
330	Res	PV	3.0	2.9	2.4	4,205	07/06/11	96741
331	Res	PV	3.4	3.4	2.7	4,765	07/06/11	96766
332	Res	PV	4.9	4.8	3.9	6,888	07/06/11	96741
333	Res	PV	3.4	3.4	2.7	4,765	07/07/11	96766
334	Res	PV	2.3	3.0	1.8	3,224	07/11/11	96716
335	Res	PV	2.8	2.4	2.2	3,924	07/11/11	96756
336	Res	PV	3.7	3.1	3.0	5,186	07/12/11	96766
337	Res	PV	3.7	3.1	3.0	5,186	07/12/11	96765
338	Res	PV	2.5	2.5	2.0	3,504	07/14/11	96705
339	Res	PV	3.4	3.3	2.7	4,765	07/14/11	96766
340	Res	PV	2.2	2.1	1.8	3,084	07/15/11	96796
341	Res	PV	2.1	2.1	1.7	2,943	07/22/11	96722
342	Res	PV	3.4	3.4	2.7	4,765	07/22/11	96741
343	Res	PV	5.0	5.0	4.0	7,008	07/22/11	96765
344	Res	PV	2.1	2.1	1.7	2,943	07/25/11	96746
345	Res	PV	2.2	2.1	1.8	3,084	07/25/11	96765
346	Res	PV	3.8	3.8	3.0	5,326	07/25/11	96746
347	Res	PV	4.3	4.2	3.4	6,027	07/26/11	96741
348	Res	PV	2.1	2.1	1.7	2,943	07/29/11	96766

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) =<D*.8,E	Energy Produced (kWh) (G) =F*.2*8760	Connection Date (H)	Zip Code (I)
349	Res	PV	1.8	1.8	1.4	2,523	08/09/11	96766
350	Res	PV	1.9	2.1	1.5	2,663	08/16/11	96746
351	Res	PV	5.4	5.0	4.3	7,569	08/16/11	96746
352	Res	PV	5.9	5.9	4.7	8,269	08/17/11	96766
353	Res	PV	2.8	2.3	2.2	3,924	08/29/11	96746
354	Res	PV	1.4	1.5	1.1	1,962	08/30/11	96766
355	Res	PV	7.0	6.7	5.6	9,811	08/30/11	96756
356	Res	PV	7.0	7.0	5.6	9,811	08/31/11	96746
357	Res	PV	2.1	2.1	1.7	2,943	09/06/11	96746
358	Res	PV	2.4	2.4	1.9	3,364	09/06/11	96746
359	Res	PV	2.8	3.1	2.2	3,924	09/06/11	96752
360	Res	PV	4.2	4.3	3.4	5,887	09/08/11	96741
361	Res	PV	0.7	3.0	0.6	981	09/08/11	96714
362	Res	PV	8.0	8.0	6.4	11,213	09/08/11	96754
363	Res	PV	1.5	1.3	1.2	2,102	09/09/11	96766
364	Res	PV	5.3	6.0	4.2	7,428	09/09/11	96716
365	Res	PV	3.3	3.2	2.6	4,625	09/12/11	96766
366	Res	PV	2.5	2.5	2.0	3,504	09/13/11	96746
367	Res	PV	2.3	1.9	1.8	3,224	09/29/11	96746
368	Res	PV	2.8	3.1	2.2	3,924	09/30/11	96766
369	Res	PV	3.1	3.0	2.5	4,345	09/30/11	96756
370	Res	PV	3.5	3.4	2.8	4,908	09/30/11	96754
371	Res	PV	4.9	4.5	3.9	6,868	09/30/11	96756
372	Res	PV	3.2	3.8	2.6	4,485	10/03/11	96766
373	Res	PV	3.9	3.0	3.0	5,256	10/03/11	96746
374	Res	PV	4.0	3.7	3.2	5,606	10/03/11	96746
375	Res	PV	4.4	4.2	3.5	6,167	10/03/11	96766
376	Res	PV	4.5	3.8	3.6	6,307	10/03/11	96746
377	Res	PV	6.0	5.6	4.8	8,410	10/03/11	96766
378	Res	PV	1.6	1.5	1.3	2,243	10/04/11	96752
379	Res	PV	3.1	3.0	2.5	4,345	10/04/11	96756
380	Res	PV	3.1	3.0	2.5	4,345	10/04/11	96796
381	Com	PV	52.7	54.0	42.2	73,864	10/07/11	96766
382	Res	PV	2.0	1.9	1.6	2,803	10/11/11	96722
383	Res	PV	2.5	2.2	2.0	3,504	10/11/11	96722
384	Res	PV	2.9	2.9	2.3	4,065	10/11/11	96796
385	Res	PV	3.1	2.9	2.5	4,345	10/11/11	96752
386	Res	PV	3.2	4.0	2.6	4,485	10/11/11	96766
387	Res	PV	3.8	3.0	3.0	5,256	10/11/11	96754
388	Res	PV	3.8	3.0	3.0	5,256	10/11/11	96766
389	Res	PV	2.8	2.5	2.2	3,924	10/24/11	96746
390	Res	PV	0.9	0.8	0.7	1,261	11/02/11	96746
391	Res	PV	2.5	2.4	2.0	3,504	11/02/11	96722
392	Res	PV	2.6	2.2	2.1	3,644	11/02/11	96746
393	Res	PV	6.0	5.7	4.8	8,410	11/02/11	96752
394	Res	PV	6.0	6.0	4.8	8,410	11/02/11	96741
395	Res	PV	7.5	8.3	6.0	10,512	11/02/11	96746
396	Res	PV	2.3	1.9	1.8	3,224	11/03/11	96766
397	Res	PV	2.4	2.6	1.9	3,364	11/03/11	96722
398	Res	PV	2.8	2.3	2.2	3,924	11/03/11	96746
399	Res	PV	3.8	3.0	3.0	5,256	11/03/11	96756
400	Res	PV	6.0	6.0	4.8	8,410	11/03/11	96741
401	Res	PV	1.3	1.1	1.0	1,822	11/08/11	96705
402	Res	PV	3.1	2.9	2.5	4,345	11/08/11	96766
403	Com	PV	8.1	6.8	6.5	11,353	11/08/11	96746
404	Res	PV	5.7	5.7	4.6	7,989	11/09/11	96754
405	Com	PV	52.9	60.0	42.3	74,145	11/10/11	96705
406	Res	PV	4.6	3.8	3.7	6,447	11/14/11	96746
407	Res	PV	3.3	3.0	2.6	4,625	11/15/11	96796

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) = $\min(D \cdot 0.8, E)$	Energy Produced (kWh) (G) = $F \cdot 2 \cdot 8760$	Connection Date (H)	Zip Code (I)
408	Res	PV	3.5	3.4	2.8	4,906	11/15/11	96722
409	Res	PV	2.1	3.0	1.7	2,943	11/17/11	96796
410	Res	PV	6.0	6.0	4.8	8,410	11/17/11	96746
411	Res	PV	1.7	3.0	1.4	2,383	11/18/11	96741
412	Res	PV	2.8	2.6	2.2	3,924	11/18/11	96766
413	Res	PV	5.2	4.7	4.2	7,288	11/18/11	96746
414	Res	PV	38.4	38.0	30.7	53,821	11/18/11	96703
415	Res	PV	6.5	6.0	5.2	9,110	11/21/11	96766
416	Res	PV	11.7	11.0	9.4	16,399	11/21/11	96746
417	Res	PV	5.9	5.7	4.7	8,269	11/29/11	96741
418	Res	PV	2.3	1.9	1.8	3,224	11/30/11	96766
419	Res	PV	2.5	1.9	1.9	3,329	11/30/11	96754
420	Res	PV	4.8	6.0	3.8	6,728	11/30/11	96716
421	Res	PV	5.3	5.0	4.2	7,428	11/30/11	96746
422	Res	PV	2.4	2.4	1.9	3,364	12/01/11	96741
423	Res	PV	2.4	2.4	1.9	3,364	12/01/11	96746
424	Res	PV	3.4	3.4	2.7	4,765	12/01/11	96741
425	Res	PV	4.5	4.5	3.6	6,307	12/02/11	96765
426	Res	PV	4.5	4.5	3.6	6,307	12/03/11	96766
427	Res	PV	6.3	6.3	5.0	8,830	12/03/11	96765
428	Res	PV	2.9	2.9	2.3	4,065	12/08/11	96722
429	Res	PV	3.8	5.0	3.0	5,326	12/09/11	96722
430	Res	PV	6.0	6.0	4.8	8,410	12/09/11	96754
431	Res	PV	2.2	4.2	1.8	3,084	12/12/11	96746
432	Res	PV	4.0	6.0	3.2	5,606	12/13/11	96746
433	Res	PV	4.4	4.2	3.5	6,167	12/13/11	96746
434	Res	PV	6.0	6.0	4.8	8,410	12/13/11	96754
435	Res	PV	7.2	6.9	5.8	10,092	12/15/11	96754
436	Res	PV	3.4	3.0	2.7	4,765	12/16/11	96746
437	Com	PV	9.8	9.8	7.8	13,736	12/16/11	96754
438	Res	PV	4.1	3.4	3.3	5,747	12/20/11	96746
439	Res	PV	3.4	3.0	2.7	4,765	12/21/11	96754

Totals kW kWh
1,815.2 3,180,181

	2008	2009	2010	2011
Cumulative Installed kW	247	466	988	1,815

Notes

- (A) Q Customer #
- (B) Customer Type: Res = Residential, Com = Commercial
- (C) System Type: PV = Photovoltaic, W=Wind
- (D) Panel capacity: Capacity of PV panels in kWdc
- (E) Inverter Capacity: Capacity of inverter in kWac
- (F) Installed Capacity: Lesser of (panel capacity x 80% efficiency factor) or inverter capacity
- (G) Energy Produced: Estimated using the installed capacity x 20% capacity factor x 8760
- (H) Connection date: Date KIUC installed the Q meter
- (I) Zip Code

ATTACHMENT C

Attachment C Larger Systems¹ Kauai Island Utility Cooperative

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) =<D*.8,E	Energy Produced (kWh) (G) =F*.2*8760	Connection Date (H)	Zip Code (I)
1	Com	PV	680	550	544.0	953,088	12/10/07	96766
2	Com	PV	277	300	221.6	388,243	08/29/08	96756
3	Com	PV	280	250	224.0	392,448	12/16/08	96796
4	Com	PV	504	750	403.2	706,406	12/24/08	96766
5	Com	PV	338	308	270.4	473,741	04/28/09	96766
6	Com	PV	82	75	65.6	114,931	03/19/10	96766
7	Com	PV	125	120	100.0	175,200	12/29/10	96752
8	Com	PV	425	425	340.0	595,680	09/02/11	96752

kW
kWh
Totals **2,168.8** **3,799,738**

Cumulative Installed kW	2007	2008	2009	2010	2011
	544	1,393	1,663	1,829	2,169

Notes

- (A) **Customer #**
- (B) **Customer Type:** Res = Residential, Com = Commercial
- (C) **System Type:** PV = Photovoltaic, W=Wind
- (D) **Panel capacity:** Capacity of PV panels in kWdc
- (E) **Inverter Capacity:** Capacity of inverter in kWac
- (F) **Installed Capacity:** Lesser of (panel capacity x 80% efficiency factor) or inverter capacity
- (G) **Energy Produced:** Estimated using the installed capacity x 20% capacity factor x 8760
- (H) **Connection date:** Date KIUC installed the meter
- (I) **Zip Code**

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 either without compensation or with 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.

ATTACHMENT D

Attachment D
2011 NEM Pilot Program Summary
Kauai Island Utility Cooperative
NEM Pilot Installations

(A)	Customer Type (B)	System Type (C)	Panel Capacity (kW) (D)	Inverter Capacity (kW) (E)	Installed Capacity (kW) (F) = <D*0.8, E	Energy Produced (kWh) (G) = F*.2*8760	Connection Date (H)	Surplus Energy 2011 (kWh) (I)	Annualized Imported Energy (kWh) (J)	Annualized Exported Energy (kWh) (K)	Financial Impact of Participant (\$) (L)	Zip Code (M)
1	Res	PV	3.3	3.0	2.64	4,625	7/7/11	1,890	3,672	4,431	(\$752)	96741
2	Res	PV	2.1	4.0	1.88	2,943	7/8/11	1,108	1,320	2,592	(\$823)	96741
3	Res	PV	3.8	3.8	3.04	5,328	7/14/11	1,712	3,408	3,945	(\$1,046)	96752
4	Res	PV	9.7	10.0	7.78	13,598	7/19/11	1,914	7,485	4,883	(\$3,483)	96748
5	Res	PV	4.2	5.0	3.36	5,887	7/20/11	537	2,439	1,212	(\$1,648)	98746
6	Res	PV	1.4	3.0	1.12	1,962	7/20/11	974	1,284	2,214	(\$267)	96746
7	Res	PV	3.8	3.8	3.04	5,328	7/21/11	936	6,048	1,923	(\$1,362)	96746
8	Res	PV	6.0	6.0	4.80	8,410	7/22/11	1,521	5,670	3,558	(\$2,069)	98748
9	Res	PV	5.0	5.0	4.00	7,008	7/27/11	2,574	2,103	5,861	(\$1,303)	98754
10	Res	PV	9.2	9.0	7.38	12,895	8/2/11	1,629	11,244	5,019	(\$3,240)	96766
Totals					39	67,978		14,795	44,673	35,418	(\$15,793)	

Notes:

- (A) NEM Pilot Customer #
- (B) Customer Type: Res = Residential, Com = Commercial
- (C) System Type: PV = Photovoltaic, W=Wind
- (D) Panel capacity: Capacity of PV panels in kWdc
- (E) Inverter Capacity: Capacity of inverter in kWac
- (F) Installed Capacity: Lesser of (panel capacity x 80% efficiency factor) or inverter capacity
- (G) Energy Produced: Estimated using the installed capacity x 20% capacity factor x 8760
- (H) Connection date: Date KIUC installed the NEM meter
- (I) 2011 Surplus Energy: Energy flowing onto the KIUC grid in kWh
- (J) Annualized Imported Energy: Sum of the annual channel 1 meter readings that measures the flow of energy from the utility to the customer in kWh
- (K) Annualized Exported Energy: Sum of the annual channel 2 meter readings that measures the flow of energy from the customer to the utility in kWh
- (L) Financial Impact of Participant: The financial impact of the individual pilot program participant had the participant been included under the laws governing NEM, and not subject to the alternative rate structure
- (M) Zip Code

PROGRAM TRACKING:

<u>Lesser of 3 Yrs or Limits:</u>	<u>Installed MW:</u>	<u>2011</u>	<u>Total</u>
0.5 MW	10 kW and under	0.039	0.039 MW
0.5 MW	>10 kW to <50 kW	0.000	0.000 MW
2.0 MW	50 kW to 200 kW	0.000	0.000 MW
	Total	0.039	0.039

ANALYSIS OF FINANCIAL IMPACT OF NEM PILOT PROGRAM:

<u>Financial Impact by Rate Class¹</u>	<u>2011</u>
Schedule D	\$ (15,793)
Schedule G	n/a
Schedule J	n/a
Schedule L	n/a
Schedule P	n/a
Total	\$ (15,793)
<u>Impact on Retail kWh Rate by Rate Class²</u>	<u>2011</u>
Schedule D	\$ (0.000099)
Schedule G	n/a
Schedule J	n/a
Schedule L	n/a
Schedule P	n/a
Total	\$ (0.000099)
<u>Annual kWh Sales by Rate Class</u>	<u>2011</u>
Schedule D	159,071,128
Schedule G	59,790,431
Schedule J	51,859,338
Schedule L	44,379,446
Schedule P	116,823,510

¹ Analysis of financial impact of NEM Pilot Program had the participants been included under the laws governing NEM, and not subject to the alternative rate structure. [Docket No. 2006-0084]

² Financial Impact on Non-Generating Customers by Rate Class. [Docket No. 2006-0084]