



January 21, 2008

Hawaii Public Utilities Commission
P.O. Box 3078
Lihue, HI 96766

Mr. Nate Kawakami,

Attached is a summary of KIUC's Net Energy Metering program activity for 2002 through 2007.

Included is data on NEM information packets mailed to customers, applications made and expired, installations and kWh inflows associated with those installations.

Please call me if you have any questions about this summary sheet.

Thank you,

A handwritten signature in black ink, appearing to read "Steven Rymsha".

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Kauai Island Utility Cooperative

NEM Installations

Rev. 1/18/07

Customer No.	Customer Type	System Type	Panel Capacity (kW)	Inverter Capacity (kW)	< Panel or Inverter (kW)	Energy Produced (kWh)	Connection Date	Surplus Energy 2002 (kWh)	Surplus Energy 2003 (kWh)	Surplus Energy 2004 (kWh)	Surplus Energy 2005 (kWh)	Surplus Energy 2006 (kWh)	Surplus Energy 2007 (kWh)		
1	25	Res	PV	2.1	4.0	2.1	2,943	11/28/01	1,388	1,482	1,349	1,281	1,225	1,132	
2	13	Res	PV	4.8	5.5	4.8	8,728	12/8/01	437	234	209	196	79	66	
3	8	Com	PV	20.0	20.0	20.0	28,032	4/24/02	0	0	0	0	0	0	
4	38	Res	PV	2.1	2.5	2.1	2,943	8/13/02	108	704	544	190	487	333	
5	39	Res	PV	2.1	2.5	2.1	2,943	8/13/02	450	901	1,082	1,113	672	515	
6	9	Res	PV	3.2	5.5	3.2	4,485	6/20/02	680	1,827	1,732	1,560	963	918	
7	17	Res	PV	1.0	2.5	1.0	1,402	10/8/02	0	8	6	28	300	554	
8	22	Res	PV	1.3	4.0	1.3	1,850	10/8/02	50	431	301	318	205	164	
9	2	Res	PV	1.4	4.0	1.4	1,892	12/20/02	1	15	22	155	0	303	
10	6	Res	PV	1.2	2.5	1.2	1,882	12/20/02	7	433	566	583	484	582	
11	27	Res	PV	1.8	4.0	1.8	2,523	12/20/02	0	0	0	0	0	0	
12	53	Res	PV	4.0	4.0	4.0	5,806	7/1/03		1,370	1,850	481	74	0	
13	56	Res	PV	3.3	4.0	3.3	4,825	5/12/03		0	0	0	0	1,781	0
14	18	Res	PV	2.4	4.0	2.4	3,384	8/28/03		80	535	1,630	821	496	0
15	88	Res	PV	2.4	2.5	2.4	3,392	11/13/03		85	1,219	1,408	1,399	2,289	0
16	70	Res	PV	3.0	3.5	3.0	4,261	1/12/04			1,921	2,297	1,800	1,457	0
17	61	Res	PV	0.8	1.1	0.8	1,051	5/18/04			306	591	828	848	0
18	72	Res	PV	1.6	1.8	1.6	2,243	5/25/04			217	520	683	483	0
19	76	Res	PV	1.8	2.5	1.8	2,243	7/1/04			248	685	451	399	0
20	86	Com	PV	25.0	20.0	20.0	28,032	7/1/04			100	200	200	300	0
21	75	Res	PV	2.2	2.5	2.2	3,084	7/7/04			482	1,373	1,254	1,184	0
22	59	Res	PV	1.2	4.0	1.2	1,882	7/14/04			29	417	282	52	0
23	26	Res	PV	2.5	2.5	2.5	3,504	12/29/04			0	785	264	214	0
24	15	Res	PV	5.0	5.5	5.0	7,008	1/5/05				2,402	2,310	2,568	0
25	84	Res	PV	2.0	2.5	2.0	2,803	3/15/05				648	555	1,046	0
26	110	Res	PV	3.5	6.0	3.5	4,906	10/21/05				148	1,048	822	0
27	112	Res	PV	5.8	6.0	5.8	8,129	3/6/06					2,213	2,794	0
28	116	Res	PV	2.0	2.0	2.0	2,803	3/6/06					844	1,081	0
29	117	Res	PV	2.0	8.0	2.0	2,803	4/19/06					805	1,051	0
30	122	Res	PV	6.0	6.0	6.0	8,410	5/12/06					1,091	3,655	0
31	100	Res	PV	3.0	6.0	3.0	4,205	5/12/06					2,349	3,529	0
32	120	Res	PV	3.0	3.0	3.0	4,205	5/15/06					216	0	0
33	98	Res	PV	1.0	5.0	1.0	1,402	8/15/06					31	745	0
34	130	Res	PV	1.0	2.0	1.0	1,402	8/21/06					372	1,418	0
35	135	Res	PV	2.0	2.5	2.0	2,803	9/7/06					27	78	0
36	139	Res	PV	3.0	3.0	3.0	4,205	10/6/06					374	2,433	0
37	138	Res	PV	1.0	3.0	1.0	1,402	10/6/06					98	670	0
38	142	Res	PV	2.7	3.6	2.7	3,784	10/27/06					197	1,795	0
39	144	Res	PV	1.8	3.8	1.8	2,243	11/21/06					37	1,749	0
40	151	Res	PV	1.5	3.0	1.5	2,102	11/24/06					19	241	0
41	156	Res	PV	2.0	3.0	2.0	2,803	12/19/06					0	2,573	0
42	90	Res	PV	3.0	3.0	3.0	4,205	5/10/07						1,386	0
43	109	Res	PV	1.0	3.0	1.0	1,402	4/7/07						296	0
44	115	Res	PV	3.1	3.0	3.0	4,205	12/4/07						487	0
45	118	Res	PV	2.3	2.3	2.3	3,224	7/10/07						574	0
46	128	Res	PV	3.0	2.5	2.5	3,504	1/25/07						1,531	0
47	152	Res	PV	3.0	3.0	3.0	4,205	6/7/07						166	0
48	159	Com	PV	9.2	10.4	9.2	12,895	2/1/07						4,855	0
49	160	Res	PV	3.2	4.0	3.2	4,485	1/26/07						1,743	0
50	161	Res	PV	3.5	3.5	3.5	4,906	1/17/07						1,786	0
51	163	Res	PV	2.8	2.8	2.8	3,924	2/9/07						2,596	0
52	164	Res	PV	3.5	3.2	3.2	4,485	2/9/07						1,484	0
53	166	Res	PV	4.2	6.0	4.2	5,887	4/6/07						2,120	0
54	168	Res	PV	1.8	2.0	1.8	2,523	5/21/07						618	0
55	176	Res	PV	3.1	3.0	3.0	4,205	12/17/07						0	0
56	178	Res	PV	1.0	1.5	1.0	1,402	10/20/07						112	0
57	179	Com	PV	18.5	18.5	18.5	25,930	8/14/07						2,260	0
58	182	Res	PV	5.1	5.0	5.0	7,008	12/26/07						0	0
59	183	Res	PV	5.1	5.0	5.0	7,008	12/26/07						0	0
60	188	Res	PV	3.0	3.0	3.0	4,205	8/2/07						1,234	0
61	192	Res	PV	3.0	6.0	3.0	4,205	10/17/07						112	0
62	193	Res	PV	3.1	3.0	3.0	4,205	12/15/07						0	0
63	194	Res	PV	3.1	3.0	3.0	4,205	12/21/07						0	0
64	196	Res	PV	2.3	2.5	2.3	3,224	7/17/07						166	0
65	197	Res	PV	1.8	1.8	1.8	2,243	7/17/07						338	0
66	199	Res	PV	6.0	6.0	6.0	8,410	12/21/07						0	0
67	200	Res	PV	6.0	6.0	6.0	8,410	10/30/07						0	0
68	201	Res	PV	3.8	3.8	3.8	5,326	10/15/07						89	0
69	203	Res	PV	5.9	6.0	5.9	8,289	12/20/07						0	0
70	204	Res	PV	3.0	3.0	3.0	4,205	11/27/07						0	0
71	208	Com	PV	24.0	24.0	24.0	33,838	12/27/07						0	0
72	207	Com	PV	40.0	40.0	40.0	56,064	12/28/07						0	0
73	211	Res	PV	0.8	1.6	0.8	1,121	12/17/07						0	0
74	213	Res	PV	2.7	3.6	2.7	3,784	12/15/07						0	0
75	216	Com	PV	27.8	28.0	27.8	38,984	12/27/07						0	0
76	217	Com	PV	27.8	28.0	27.8	38,984	12/27/07						0	0
Totals			379.4	434.3	373.0	522,789		3,101	7,538	12,799	18,950	25,638	64,296		

Notes

- Customer No.: Quasi order of inquiry
- Customer Type: Res = Residential, Com = Commercial
- System Type: PV = Photovoltaic
- Panel capacity: Capacity of PV panels in kW
- Inverter Capacity: Capacity of inverter in kW (can be different than the panel capacity)
- Energy Produced: Estimated using the panel capacity and 20% capacity factor
- Connection date: Date KIUC installed the NEM meter
- Surplus Energy: Energy flowing onto the KIUC grid
- Starting in 1/07, KIUC will determine kW and kWh by using the lesser of the panel rating or nameplate inverter rating.

Application Information	2002	2003	2004	2005	2006	2007	Total thru 2007
○ Packets Mailed	53	15	21	22	48	95	254
○ Applications Received	19	4	6	3	23	58	111
○ kW in applications	52.3	11.7	10.7	12.0	58.5	437	582.2
○ Units installed	11	4	8	3	15	35	76
○ kW installed	47.0	14.5	37.9	14	59.9	238.9	373.0
○ Applicants expired	1	4	1	1	1	6	
○ Applicants in queue	6	2	2	2	7	20	
Installed kW	2002	2003	2004	2005	2006	2007	
○ KIUC Peak (MW)	72.1	73.5	77.0	76.2	76.8	77.8	MW
○ Max allowable NEM kW (0.5% of Peak)	380.4	367.3	385.0	381.0	384.0	388.8	kW
○ Installed NEM Kw	57.0	71.5	109.4	123.4	238.9	373.0	kW
○ Installed NEM kW as a percentage of max allowable kW (0.5% guideline)	15.8%	19.5%	28.4%	32.4%	62.2%	95.9%	
○ Installed NEM kW as a percent of KIUC Peak	0.08%	0.10%	0.14%	0.16%	0.31%	0.48%	