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William A. Bonnet
Vice President
Government & Community Affairs

February 9, 2006

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2006 FEB -9 P 4: 17
PUBLIC UTILITIES
COMMISSION

The Honorable Chairman and Members of
the Hawaii Public Utilities Commission
465 South King Street
Kekuanaoa Building, 1st Floor
Honolulu, Hawaii 96813

Dear Commissioners:

Subject: Hawaiian Electric Company, Inc.,
Hawaii Electric Light Company, Inc.
Maui Electric Company, Limited
Net Energy Metering Status Report

Hawaiian Electric Company, Inc., Hawaii Electric Light Company, Inc. and Maui Electric Company, Limited respectfully submit their 2005 Net Energy Metering Status Report, which provides the total number of installations and the total rated generating capacity of net metered customer facilities in each of their service territories.

If you have any questions on this matter, please call Dean Matsuura at 543-4622.

Sincerely,

Attachment

cc: Division of Consumer Advocacy

Net Energy Metering Status Report

**Hawaiian Electric Company, Inc.
Hawaii Electric Light Company, Inc.
Maui Electric Company, Limited**

December 31, 2005

Sections 269-101 to 269-111, Hawaii Revised Statutes, as amended, requires net energy metering (NEM) to be available to eligible customer-generators with a capacity of not more than 50 kilowatts until the total rated generating capacity of eligible customers equals 0.5 percent of the electric utility's system peak demand. Systems must meet all applicable safety and performance standards and systems 10 kilowatts or less are exempt from requirements to install additional controls, perform or pay for additional tests or purchase additional liability insurance. Hawaiian Electric Company, Inc. (HECO), Hawaii Electric Light Company, Inc. (HELCO) and Maui Electric Company, Limited (MECO) (collectively, "the Utilities") were among the supporters of this legislation.

The NEM law states that eligible customers who own and operate a solar, wind turbine, biomass, or hydroelectric energy generating facility, or a hybrid system consisting of two or more of these facilities, with a capacity of not more than 50 kilowatts, shall be credited at the retail rate (of the rate class the customer is normally assigned to) for electrical energy generated by the eligible customer-generator and fed back to the electric grid. Over a monthly billing period, the difference (i.e., net) between the customer-generated electrical energy and the electrical energy supplied through the electric grid is determined. In essence, customers are able to "bank" the excess renewable energy they generate and feed into the Utilities' grid for later use.

Act 104, 2005 Session Laws of Hawaii (S.B. No. 1003, S.D.2, H.D.2, C.D.1) amended portions of the NEM statutes and became law on July 1, 2005. Act 104 requires the Utilities to do a twelve-month reconciliation of the net electricity provided by the utility with the electricity generated by the eligible customer-generator and any unused monetary credits from the eligible customer-generator carried over from prior months since the last twelve-month reconciliation period, and provide in each regular bill information on net electricity production and consumption, monetary balances, and credits for excess electricity produced by the eligible customer-generator. Excess electricity generated by the eligible customer-generator in each billing period is carried over to the next month as a monetary credit within each twelve-month period.

On September 12, 2005, in accordance with Decision and Order No. 21877 (filed on June 17, 2005), the Utilities and the Consumer Advocate filed a joint letter to document the agreements reached between the two parties to incorporate the latest NEM statutory provisions into the Utilities' respective Rule 18 tariff. The Utilities and the Consumer Advocate agreed that modifications to the Utilities' respective Rule 18 are reasonable and were made in order to make Rule 18 conform to Act 104, and that the effective date of the Rule 18 modifications should be October 11, 2005 or an alternative effective date approved by the Commission.

The following table provides the status of NEM in the HECO, HELCO, and MECO service territories as of December 31, 2005.

Net Energy Metering Status Report

Hawaiian Electric Company, Inc.
Hawaii Electric Light Company, Inc.
Maui Electric Company, Limited

December 31, 2005

NEM Status as of 12/31/05

	Information packets sent	No. of Installations ¹	Installed kW ²	0.5% of System Peak ³ , kW
HECO				
2001	151	1	3.60	5,955
2002	12	1	2.10	6,020
2003	49	8	11.74	6,210
2004	15	3	7.90	6,405
2005	5	0	0	6,150
Total (HECO)	232	13	25.34	
HELCO				
2001	122	2	10.20	871
2002	25	3	4.73	890
2003	13	6	28.00	934
2004	12	4	8.84	972
2005	17	10	58.27	985
Total (HELCO)	189	25	110.04	
MECO				
2001	49	2	8.20	993
2002 ⁴	19	5	8.80	1,006
2003 ⁴	24	3	13.00	1,047
2004	29	8	21.60	1,091
2005	22	18	92.17	1,068
Total (MECO)	143	34	143.77	
TOTAL	564	72	279.15	

¹ Completed systems (i.e., NEM Agreements completed).

² Installed kW reflects rated generating capacity installed in the year noted. Includes system expansions.

³ Based on Net System Peak for HECO, HELCO, and MECO-Maui and Gross System Peak for MECO-Molokai and MECO-Lanai.

⁴ Installed kW for 2002 and 2003 have been revised from previous reports to reflect the convention of reporting the installed kW as rated capacity of the smaller (i.e., limiting) system component.

Gen. file

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William A. Bonnet
Vice President
Government & Community Affairs

February 15, 2006

The Honorable Chairman and Members of the
Hawaii Public Utilities Commission
465 South King Street
Kekuanaoa Building, 1st Floor
Honolulu, Hawaii 96813

Dear Commissioners:

Subject: Net Energy Metering Data Inquiry

As requested by the Commission at its informal meeting on net energy metering and advanced pricing tariffs on February 2, 2006, Hawaiian Electric Company, Inc., Hawaii Electric Light Company, Inc. and Maui Electric Company, Limited respectfully submit the attached table which includes the kilowatt-hours ("kWh") supplied by each company, the kWh produced in excess by the net energy metering customer, the net kWh and the number of customers for each billing month in 2005.

If you have any questions, please call Dean Matsuura at 543-4622.

Sincerely,

Attachment

cc: Division of Consumer Advocacy

HECO				
2005 Billing Month	kWh Supplied by HECO (A)	kWh Produced by Customer (B)	Net kWh (C) = A - B	No. of Customers
January	3,447	253	3,194	7
February	4,229	379	3,850	8
March	6,690	931	5,759	12
April	7,096	877	6,219	12
May	7,282	1,148	6,138	12
June	8,086	1,234	6,852	12
July	7,876	1,498	6,380	13
August	8,725	1,720	7,005	14
September	10,098	1,471	8,625	14
October	9,935	1,234	8,701	14
November	9,240	1,260	7,980	14
December	9,149	1,111	8,038	14
YTD Total	91,851	13,112	78,739	14
HELCO				
2005 Billing Month	kWh Supplied by HELCO (A)	kWh Produced by Customer (B)	Net kWh (C) = A - B	No. of Customers
January				
February				
March				
April				
May				
June	183	0	183	1
July	4,914	1,204	3,710	12
August	10,277	3,594	6,683	20
September	10,785	3,774	7,011	22
October	11,511	3,756	7,755	22
November	12,487	3,695	8,772	24
December	15,765	3,057	12,708	24
YTD Total	65,902	19,080	46,822	24
MECO				
2005 Billing Month	kWh Supplied by MECO (A)	kWh Produced by Customer (B)	Net kWh (C) = A - B	No. of Customers
January				
February				
March				
April	17,651	1,293	16,358	15
May	17,353	1,874	15,479	18
June	19,298	1,800	17,498	18
July	21,012	1,588	19,426	19
August	22,913	2,797	20,116	21
September	27,463	3,495	23,968	24
October	24,633	3,524	21,109	25
November	25,126	3,731	21,395	28
December	29,490	3,157	26,333	30
YTD Total	204,937	23,257	181,680	30