



Kaua'i Island Utility Cooperative

4463 Pahe'e Street, Suite 1
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December 27, 2006

Ms. Brooke K. Kane
Administrative Director
Public Utilities Commission
465 South King Street
Kekuanaoa Building, First Floor
Honolulu, HI 96813

Dear Ms. Kane:

Enclosed find eight (8) copies of the following reports made pursuant to Hawaii Public Utilities Commission General Order No. 7:

1. Capital Improvements Program for Ensuing Five Years
2. Adequacy of Supply Statement
3. Personnel To Be Contacted
4. Power System Map

Would you kindly acknowledge that these have been received and placed in the Public Utilities Commission's files.

Very truly yours,

Randall J. Hee, P.E.
Acting President & CEO

Enclosures

cc: PUC Assistant Nate Kawakami
Division of Consumer Advocacy

Date Received: _____ By: _____

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COMMISSION
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KAUA'I ISLAND UTILITY COOPERATIVE

ADEQUACY OF SUPPLY STATEMENT

Kaua'i Island Utility Cooperative's 2007 available generating capacity is as follows:

GENERATING CAPACITY, KW

	<u>Peak Capacity, kW</u>
Gas Turbine No.1	17,500 @80 F
Gas Turbine No. 2	22,600 @80 F
Steam	10,000
Diesel #1	2,000
Diesel #2	2,000
Diesel #3	2,750
Diesel #4	2,750
Diesel #5	2,750
Diesel #6	7,850
Diesel #7	7,850
Diesel #8	7,850
Diesel #9	7,850
Kapaia Power Station	27,500 @80 F
TOTAL	<u>121,250</u> KW

ADEQUACY OF SUPPLY STATEMENT

Kaua'i Island Utility Cooperative's 2007 system generating capacity and peak system demand are estimated as follows:

	<u>Peak Capacity, kW</u>
Gas Turbine No. 1	17,500
Gas Turbine No. 2	22,600
Steam	10,000
Diesel #1	2,000
Diesel #2	2,000
Diesel #3	2,750
Diesel #4	2,750
Diesel #5	2,750
Diesel #6	7,850
Diesel #7	7,850
Diesel #8	7,850
Diesel #9	7,850
Kapaia Power Station	27,500
System Total KW	121,250 kW
Less Largest Unit (Kapaia Power Station)	<u>(27,500)</u>
Capacity, largest unit out of service	93,750 kW
2006 Estimated Firm Peak	77,000 kW
Capacity Less Peak	16,750 kW