

BKK/genfile



Kaua'i Island Utility Cooperative

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PUBLIC UTILITIES
COMMISSION

DEC 30 2 12 PM '04

FILED

December 29, 2004

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

Please note that the format of the Capital Improvements Program document has been modified to include the information required by Decision and Order No. 21001 filed on May 27, 2004 in Docket No. 03-0256.

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

Very truly yours,

H. A. Achenbach
CEO

Enclosures

cc: PUC Assistant Nate Kawakami
Division of Consumer Advocacy

Date Received: _____ By: _____

KAUA'I ISLAND UTILITY COOPERATIVEADEQUACY OF SUPPLY STATEMENT

Kaua'i Island Utility Cooperative's 2005 available generating capacity is as follows:

GENERATING CAPACITY, KW

	<u>Peak Capacity, KW</u>
Gas Turbine No.1	19,200
Gas Turbine No. 2	23,700
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	26,400
TOTAL	<u>122,950</u> KW

ADEQUACY OF SUPPLY STATEMENT

Kaua'i Island Utility Cooperative's 2005 system generating capacity and peak system demand are estimated as follows:

	<u>Peak Capacity, KW</u>
Gas Turbine No.1	19,200
Gas Turbine No. 2	23,700
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	26,400
System Total KW	122,950 KW
Less Largest Unit (Kapaia Power Station)	<u>(26,400)</u>
Capacity, largest unit out of service	96,550 KW
2005 Estimated Firm Peak	74,400 KW
Capacity Less Peak	22,150 KW