



**Kaua'i Island
Utility Cooperative**

4463 Pahe'e Street, Suite 1
Lihue, HI 96766-2032
Telephone: (808) 246-4300
www.kiuc.coop

December 29, 2003

Public Utilities Commission
State of Hawaii
465 South King Street
Kekuanaoa Building, First Floor
Honolulu, HI 96813

Attention: Ms. Karen Higashi, Chief Clerk

Dear Ms. Higashi:

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,

William G. Schmitt
for

Alton H. Miyamoto
President & CEO

AHM:wk
Enclosures

cc: PUC Assistant Nate Kawakami
Division of Consumer Advocacy

Date Received: _____ By: _____

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PUBLIC UTILITIES
COMMISSION

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KAUA'I ISLAND UTILITY COOPERATIVEADEQUACY OF SUPPLY STATEMENT

Kaua'i Island Utility Cooperative's 2004 available generating capacity is 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 (formerly Kauai Power Partners)	26,400
TOTAL	<u>122,950</u> KW

ADEQUACY OF SUPPLY STATEMENT

Kaua'i Island Utility Cooperative's 2004 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
2004 Estimated Firm Peak	74,700 KW
Capacity Less Peak	21,850 KW