

Am/gen file



# Kaua'i Island Utility Cooperative

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

c: 30s  
KW  
SI  
Eng  
LYK  
NK(direct)

PUBLIC UTILITIES  
COMMISSION

JAN 31 11 07 AM '03

FILED

January 31, 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,



Alton H. Miyamoto  
President & CEO

AHM:wk  
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 2003 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
Kauai Power Partners	26,400
<b>TOTAL</b>	<b><u>122,950</u> KW</b>

ADEQUACY OF SUPPLY STATEMENT

Kaua'i Island Utility Cooperative's 2003 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
Kauai Power Partners	26,400
System Total KW	122,950 KW
Less Largest Unit (Kauai Power Partners)	<u>(26,400)</u>
Capacity, largest unit out of service	96,550 KW
2003 Estimated Firm Peak	73,400 KW
Capacity Less Peak	23,150 KW