

Power facts

Hawaiian Electric Company (HECO) and its subsidiaries, Hawaii Electric Light Company (HELCO) and Maui Electric Company (MECO), provide electricity for 95% of Hawaii's residents. Established in 1891, Hawaiian Electric remains one of the few locally owned and operated major companies in the state.

HECO, HELCO, and MECO employ about 2,000 people. Almost 20,000 Hawaii residents are shareholders of HECO's parent company, Hawaiian Electric Industries (HEI).



HECO

Number of customers: 292,988

Firm generating capability:

HECO power plants (oil)

Honolulu	113 MW
Waiau	500 MW
Kahe	650 MW
Dispersed generation	25 MW

Independent power producers

H-POWER (waste-to-energy)	46 MW
Kalaeloa Partners, L.P.(oil)	208 MW
AES-Hawaii (coal)	180 MW

Total firm generating

capability 1,722 MW

Non-firm generation (as-available):

Tesoro	up to 18.5 MW
Chevron	up to 9.6 MW

Percentage of sales from

renewable energy:* 10.3 %

*Renewable energy percentages include quantifiable energy conservation as defined under Hawaii's Renewable Portfolio Standards Law HRS 269-91.

All figures are as of 12/31/06.

HELCO

Number of customers: 76,417

Firm generating capability:

HELCO power plants (oil)

Hill	35.5 MW
Puna	36.3 MW
Keahole	65.3 MW
Kanoelehua	21.8 MW
Shipman	15.2 MW
Waimea	8.3 MW
Dispersed generation.....	4.0 MW

Independent power producers:

Puna Geothermal Venture	30 MW
Hamakua Energy Partners	60 MW

Total firm generating

capability 276.3 MW

Non-firm generation (as-available):

HELCO's Lalamilo	
wind farm	up to 2.3 MW
HELCO's Puueo &	
Waiau units (hydro)	up to 4.1 MW
Apollo Energy Corp.	
(wind)	up to 9.25 MW
Wailuku River	
Hydroelectric	up to 12.1 MW
Hawi Renewable	
Development (wind).....	up to 10.56 MW
Other small producers	
(wind, hydro, oil)	less than 1 MW

Percentage of sales from

renewable energy:* 31.3 %

MECO

Number of customers: 64,937

Firm generating capability:

MECO power plants (oil)

Maalaea	212.1 MW
Kahului	37.6 MW
Lanai	9.4 MW
Molokai	12.01 MW

Independent power producers

HC&S (bagasse, oil, coal)	16 MW
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Total firm generating

capability 287.1 MW

Non-firm generation (as-available):

Kaheawa Wind Farm.....	up to 30 MW
(wind)	
Hana (oil)	2 MW

Percentage of sales from

renewable energy:* 19.3 %

