

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 more than 2,000 people. Approximately 20,000 Hawaii residents are shareholders of HECO's parent company, Hawaiian Electric Industries (HEI).



HECO

Number of customers: 293,740

Firm generating capability:

HECO power plants (oil)
 Honolulu 113 MW
 Waiau 500 MW
 Kahe 650 MW
 Dispersed generation 30 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 1,727 MW

Non-firm generation (as-available):

Tesoro up to 18.5 MW
 Chevron up to 9.6 MW

Percentage of sales from

renewable energy: * 13.8 %

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

All figures are as of 12/31/08.

HELCO

Number of customers: 79,606

Firm generating capability:

HELCO power plants (oil)
 Hill 35.5 MW
 Puna 36.3 MW
 Keahole 65.3 MW
 Kanoiehua 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 276.4 MW

Non-firm generation (as-available):

HELCO's Lalamilo
 wind farm up to 2.3 MW
 HELCO's Puueo &
 Waiau units (hydro) up to 4.325 MW
 Apollo Energy Corp.
 (wind) up to 20.5 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: * 40.7 %

MECO

Number of customers: 67,065

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 (hydro, bagasse, coal,
 recycled oil, oil) 16 MW

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: * 22.5 %

