

Power facts

The Hawaiian Electric Companies – Hawaiian Electric, Maui Electric and Hawai'i Electric Light - provide electricity for 95% of residents of the State of Hawai'i on the islands of O'ahu, Maui, Moloka'i, Lāna'i and Hawai'i Island.

Tri-company 2018 renewable energy percentage* is 26.6%

Total customers: 462,225

Total employees: 2,724

HAWAIIAN ELECTRIC

Customers: 304,948

Firm generation:

Hawaiian Electric plants

Kahe (oil) 650 MW
 Waiiau (oil) 500 MW
 Campbell Industrial Park (biofuel) 120 MW
 Schofield (biofuel/diesel) 50 MW

Independent power producers

Kalaeloa Partners (oil) 208 MW
 AES-Hawai'i (coal) 180 MW
 HPOWER (waste-to-energy) 68.5 MW
 Airport Emergency Facility (biofuel) 8 MW

Total firm capacity 1,784.5 MW

Deactivated units:

Honolulu (oil) (113 MW) 0 MW

Variable (as-available) generation:

Independent power producers

Kawaiiloa Wind 69 MW
 Kahuku Wind 30 MW
 Wai'anae Solar 27.6 MW
 Par Hawaii 18.5 MW
 Island Energy Service 9.6 MW
 Waihonu Solar 6.5 MW
 Aloha Solar Fund 1 5 MW
 Kalaeloa Solar Two 5 MW
 Kalaeloa Renewable Energy Park (PV) .. 5 MW
 Kapolei Sustainable Energy Park (PV) .. 1 MW

Customer-sited solar** 460 MW

Approximate non-firm capacity:

..... 637.2 MW

In Development

Hoohana Solar 52 MW
 Mililani I Solar 39 MW
 NRG Solar 110 MW
 Na Pua Makani Wind 24 MW
 Palehua Wind 48 MW
 Waiawa Solar 36 MW
 West Loch Solar 20 MW
 Community-Based Renewable Energy ... 5 MW

Renewable energy percentage* ... 22%

Renewable peak: 58% on 5/19/2018

MAUI ELECTRIC

Serving Maui Island, Moloka'i & Lāna'i

Customers 71,352

Firm generation:

Maui Electric plants (oil)

Mā'alaea 212.1 MW
 Kahului 37.6 MW
 Moloka'i 12 MW
 Lāna'i 10.4 MW
 Hāna (dispersed generation): 2 MW

Total firm capacity 274.1 MW

Variable (as-available) generation:

Independent power producers

Kaheawa Wind Farm I 30 MW
 Kaheawa Wind Farm II 21 MW
 Auwahi Wind Farm 21 MW
 Ku'ia Solar 2.9 MW
 South Maui Renewable Resources 2.9 MW
 Lāna'i Sustainability Research (La Ola) (PV) 1.2 MW
 Mākila Hydro 0.5 MW

Customer-sited solar** 109 MW

Approximate non-firm capacity:

..... 188.5 MW

In Development

Kuihelani Solar 60 MW
 Molokai New Energy Partners (solar) .. 2.7 MW
 Paeahu Solar 15 MW
 Community-Based Renewable Energy 1.5 MW

Renewable energy percentage*

..... 37%

Renewable peak: 80% on 4/14/2018

Generation projects as of 1/1/2019. Generation capacity figures in gross megawatts.

* Renewable energy percentages as of 11/30/2018 as defined by Hawai'i Revised Statutes 269-91.

** Customer-sited generation includes Feed-in-Tariff (Tiers 1&2), Standard Interconnection Agreement, Net Metering and other programs.

For more information visit: www.hawaiianelectric.com



**Hawaiian Electric
 Maui Electric
 Hawai'i Electric Light**

HAWAI'I ELECTRIC LIGHT

Customers 85,925

Firm generation:

Hawai'i Electric Light plants (oil)

Keāhole 77.6 MW
 Puna 36.7 MW
 Kanoelehua 21 MW
 Waimea: 7.5 MW
 Hill 5.5 MW
 Dispersed generation: 5 MW

Independent power producers

Hāmākua Energy Partners (oil) 60 MW
 Puna Geothermal Venture (out of service) 38 MW

Total firm capacity: 213.3 MW

Retired units:

Shipman (oil) (15.2 MW) 0 MW

Variable (as-available) generation:

Hawai'i Electric Light plants

Pu'u'eo Hydro 3.4 MW
 Waiiau Hydro 1.1 MW

Independent Power Producers

Pakini Wind (Tawhiri) 20.5 MW
 Wailuku River Hydro 12.1 MW
 Hawi Renewable Development (wind) 10.6 MW

Customer-sited generation** 93 MW

Approximate non-firm capacity:

..... 140.7 MW

In Development

Hale Kuawehi Solar 30 MW
 Hu Honua (biomass) 21.5 MW
 Waikoloa Solar 30 MW
 Community-Based Renewable Energy ... 1 MW

Renewable energy percentage*

..... 44%

Renewable peak: 83% on 4/14/2018