

# 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 2017 renewable energy percentage\* is 26.8%

**Total customers: 462,225**

**Total employees: 2,724**



## HAWAIIAN ELECTRIC

Customers: ..... 304,948

### Firm generation:

#### Hawaiian Electric plants

Kahe (oil) ..... 650 MW  
 Waiau (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

Kawailoa 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

NRG Solar ..... 110 MW  
 Na Pua Makani Wind ..... 24 MW  
 West Loch Solar ..... 20 MW  
 Waipio Solar ..... 14 MW

**Renewable energy percentage\*** ... 21%

**Renewable peak: 53% on 8/17/2017**

## 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

Molokai New Energy Partners (solar) .. 2.7 MW

### Renewable energy percentage\*

..... 34%

### Renewable peak: 77% on 6/4/2017

Generation projects as of 6/30/2018. Generation capacity figures in gross megawatts.

\* Renewable energy percentages as of 12/31/17 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](http://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  
 Waiau 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

Hu Honua (biomass) ..... 21.5 MW

### Renewable energy percentage\*

..... 57%

### Renewable peak: 83% on 12/3/2017