Hawaiian Electric provides electricity for 95% of residents of the State of Hawai‘i on O‘ahu, Maui, Moloka‘i, Lāna‘i and Hawai‘i Island.

### 2021 renewable energy percentage* is 38%

**Total customers: 470,612**

(As of 12/31/2021)

#### O‘AHU

| Total customers | 308,721 |

**Firm generation:**

- Hawaiian Electric plants
  - Kahe (oil) 650 MW
  - Waiau (oil) 500 MW
  - Campbell Industrial Park (diesel) 130 MW
  - Schofield (biodiesel) 50 MW

- Independent power producers
  - Kalaeloa Partners (oil) 208 MW
  - AES-Hawai‘i (coal) 180 MW
  - H-POWER (waste-to-energy) 68.5 MW
  - Airport Emergency Power Facility (biofuel) 8 MW

**Total firm capacity** 1,794.5 MW

**Deactivated units:**

- Honolulu (oil) (113 MW) 0 MW

**Variable (as-available) generation:**

- Hawaiian Electric plant
  - West Loch Solar 20 MW

- Independent power producers
  - Kawailoa Wind 69 MW
  - Waipio Solar 45.9 MW
  - Kauhuku Wind 30 MW
  - Wai‘anae Solar 27.6 MW
  - Nā Pua Makani (wind) 24 MW
  - Par Hawaii 18.5 MW
  - Lanikuhana Solar 14.7 MW
  - Island Energy Service 9.6 MW
  - Waihou North 5 MW
  - Aloha Solar Energy Fund One 5 MW
  - Aloha Solar Energy Fund Two 5 MW
  - Kalaeloa Solar Two 5 MW
  - Kalaeloa Renewable Energy Park (PV) 5 MW
  - Mauka FIT 1 (solar) 3.5 MW
  - Waihou South 1.5 MW
  - Kapolei Sustainable Energy Park (PV) 1 MW

**Customer-sited renewable** 763 MW

**Shared solar** 2.70 MW

**Approximate non-firm capacity** 1105 MW

#### HAWAI‘I ISLAND

**Total customers** 88,103

**Firm generation:**

- Hawaiian Electric plants (oil)
  - Keāhole 77.6 MW
  - Puna 36.7 MW
  - Kanoelihua 21 MW
  - Waimea 7.5 MW
  - Hill 5.5 MW

- Independent power producers
  - Hamakua Energy (oil/biodiesel) 60 MW
  - Puna Geothermal Venture 38 MW

**Total firm capacity** 251.3 MW

**Retired units:**

- Shipman (oil) (15.2 MW) 0 MW

**Variable (as-available) generation:**

- Hawaiian Electric plants
  - Pu‘u‘eo Hydro 3.4 MW
  - Waiawa Hydro 1.1 MW

- Independent power producers
  - Pakini Nui Wind 20.5 MW
  - Wailuku River Hydro (wind) 12.1 MW
  - Hawai‘i Renewable Development (wind) 10.5 MW

**Customer-sited renewable** 116 MW

**Approximate non-firm capacity** 163.6 MW

#### MAUI COUNTY

**Serving Maui, Moloka‘i & Lāna‘i**

**Total customers** 73,788

**Firm generation:**

- Hawaiian Electric plants (oil)
  - Mā‘alaea 212.1 MW
  - Kahului 37.6 MW
  - Moloka‘i 12 MW
  - Lāna‘i 9.4 MW
  - Hāna (dispersed generation) 2 MW

**Total firm capacity** 273.1 MW

**Variable (as-available) generation:**

- Independent power producers
  - Kaheawa Wind Farm 30 MW
  - Kaheawa Wind Power II 21 MW
  - Auwahi Wind 21 MW
  - Ku‘ia Solar 2.9 MW
  - South Maui Renewable Resources (solar) 2.9 MW
  - Lāna‘i Sustainability Research (solar) 1.2 MW
  - Maui 17-2 0.735 MW

- Customer-sited renewable** 140 MW
  - Shared solar 0.028 MW

**Approximate non-firm capacity** 219.763 MW

#### In Development

- AES Kuihelani Solar
- AES Waikoloa Solar
- AES West O‘ahu Solar

**Generation capacity, in gross megawatts, in service as of 03/31/2022.**

* Renewable energy percentages as defined by Hawaii Revised Statutes 269-91.

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

For projects pending approval or contracts, visit: hawaiianelectric.com/statusboard.