

Power facts

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.

2025 renewable energy percentage is 36.8% (based on generation)

Total customers: 474,241

(As of 12/31/2025)

O'AHU

Total customers 310,789

Firm generation:

Hawaiian Electric plants

Kahe (oil)..... 650 MW
 Waiau (oil)..... 402 MW
 Campbell Industrial Park (diesel) 130 MW
 Schofield (biodiesel)..... 50 MW

Independent power producers

Kalaeloa Partners (oil).....208 MW
 H-POWER (waste-to-energy)68.5 MW
 Airport Emergency Power Facility (biofuel) 8 MW

Total firm capacity 1516.50 MW

Retired units - Hawaiian Electric:

Honolulu (oil) (113 MW)..... 0 MW
 Waiau (oil) (98 MW)..... 0 MW

Retired units (independent power producers):

AES Hawai'i (coal) (180 MW) 0 MW

Variable (as-available) generation:

Hawaiian Electric plant

West Loch Solar 20 MW

Independent power producers

Kawailoa Wind..... 69 MW
 Ho'ohana Solar 1.....52 MW + 208 MWh storage
 Kawailoa Solar 49 MW
 Waipio Solar 45.9 MW
 Kūpono Solar.....42 MW + 168 MWh storage
 Mililani I Solar39 MW + 156 MWh storage
 Waiawa Solar.....36 MW + 144 MWh storage
 Kahuku Wind 30 MW
 Wai'anāe Solar 27.6 MW
 Nā Pua Makani (wind)24 MW
 Par Hawaii 18.5 MW
 Lanikuhana Solar 14.7 MW
 AES West O'ahu Solar
12.5 MW + 50 MWh storage
 Island Energy Service 9.6 MW
 Waihonu 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
 Waihonu South 1.5 MW
 Kapolei Sustainable Energy Park (PV)..... 1 MW
 Kapolei Energy Storage.....
185 MW (565 MWh) storage only

Customer-sited renewable* 719 MW

Approximate non-firm capacity.....

..... 1239.80 MW + 726 MWh storage

Approximate stand alone storage.....

..... 185 MW + 565 MWh storage

In Development

Waiawa Phase 2 Solar
30 MW + 240 MWh storage
 Mountain View Solar.....7 MW + 35 MWh storage
 Shared solar5.96 MW

Renewable energy percentage..... 32.3%

Renewable peak: 82.9% on 5/24/2025

HAWAI'I ISLAND

Total customers 91,234

Firm generation:

Hawaiian Electric plants (oil)

Keāhole 77.6 MW
 Puna 36.7 MW
 Kanoelehua 21 MW
 Waimea 7.5 MW
 Hill 34.7 MW
 Dispersed generation 5 MW

Independent power producers

Hamakua Energy (oil/biodiesel) 60 MW
 Puna Geothermal Venture 38 MW

Total firm capacity 280.5 MW

Retired units:

Shipman (oil) (15.2 MW) 0 MW

Variable (as-available) generation:

Hawaiian Electric plants

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

Independent power producers

Hale Kuawehi Solar ..30 MW + 120 MWh storage
 Pakini Nui Wind20.5 MW
 AES Waikoloa Solar
30 MW + 120 MWh storage
 Wailuku River Hydro 12.1 MW
 Hawi Renewable Development (wind).....
 10.5 MW

Customer-sited renewable* 155 MW

Approximate non-firm capacity.....

..... 262.60 MW + 240 MWh storage

In Development

Shared solar6.0 MW + 24 MWh storage

Renewable energy percentage..... 57.3%

Renewable peak: 90.3% on 3/5/2025

MAUI COUNTY

Serving Maui, Moloka'i & Lāna'i

Total customers 72,218

Firm generation:

Hawaiian Electric plants (oil)

Mā'alaea212.1 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

AES Kuihelani Solar
60 MW + 240 MWh storage
 Kaheawa Wind Farm 30 MW
 Kaheawa Wind Power II21 MW
 Auwahi Wind..... 21 MW
 Ku'ia Solar2.87 MW
 South Maui Renewable Resources (solar)
 2.87 MW
 Lāna'i Sustainability Research (solar) 1.2 MW
 Maui 17-2.....0.735 MW

Customer-sited renewable* 159 MW

Approximate non-firm capacity.....

..... 298.675 MW + 240 MWh storage

In Development

Waena Battery ...40 MW (160 MWh) storage only
 Maui 17-1 1 MW
 Shared solar (Maui) ...2.5 MW + 10 MWh storage
 Shared solar (Moloka'i)
 2.45 MW + 11.1 MWh storage

Renewable energy percentage..... 41.6%

Renewable peak: 72.8% on 6/22/2025

Generation capacity, in gross megawatts, in service as of 2/15/2026.

**Customer-sited generation includes Net Energy Metering (NEM), NEM Plus, Customer Self-Supply, Customer Grid-Supply, Customer Grid-Supply Plus, Standard Interconnection Agreement, Interim Smart Export, Smart DER - Export, Smart DER - Non-Export, CBRE (Shared Solar).*

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



hawaiianelectric.com/sustainable