



Hawai'i Energy

EmPOWER Grant Eligible Equipment Types

Equipment types on this list are eligible for the EmPOWER Grant. Equipment must meet Hawai'i Energy's minimum efficiency and other requirements for the specified equipment type as listed here. Refer to the equipment specification sheets to find the relevant requirements. Specification sheets may be found on vendor websites or provided by the equipment vendor or [Clean Energy Ally \(CEA\)](#) contractor.

Work with your CEA to find eligible equipment. If you or your CEA have any questions, please reach out to Chester Carson at HE-Grants@Leidos.com or your Energy Advisor.

Equipment must be purchased on or after August 1, 2024 and installed by June 1, 2025 to be eligible for the EmPOWER grant. Equipment may be purchased after grant awards are announced.

All grant caps receive up to a 50% increase for projects located in the counties of Maui or Hawaii: Tier 1 capped at up to \$750 instead of \$500; Tier 2 capped at up to \$4,500 instead of \$3,000; Tier 3 capped at up to \$6,000 instead of \$4,000; and Tier 4 capped at up to \$9,000 instead of \$6,000

Ineligible Equipment

- Equipment types that are not on this list
- Equipment that does not qualify for a Hawai'i Energy incentive
- Used equipment
- Gas-powered equipment
- Items purchased before August 1, 2024
- Electric vehicle charging stations

TIER 1: GRANT FUNDING UP TO \$500

HVAC*

Window AC - Variable Speed Compressor

TIER 2: GRANT FUNDING UP TO \$3,000

Appliances

Vending Machine Controller

Building Envelope

Window Film

Pumps & Motors

Variable Frequency Drives (VFD) for Pool Pumps

Commercial Kitchen Equipment

- Commercial Refrigerator
- Commercial Ice Machine
- Commercial Freezer
- Convection Oven - Electric
- Electric Griddle
- Hot Food Holding Cabinet

TIER 3: GRANT FUNDING UP TO \$4,000

HVAC

- Air-Source Heat Pump
- Air-Source Package/Split AC
- Air-Source Package/Split AC or Heat Pump
- PTAC/PTHP
- Vertical AC/Heat Pump
- Inverter Variable Refrigerant Flow (IVRF) - Heat Pump
- Inverter Variable Refrigerant Flow (IVRF) - Package/Split AC
- Water-Source Heat Pump

TIER 4: GRANT FUNDING UP TO \$6,000

Commercial Kitchen Equipment

- Combination Oven - Electric
- Commercial Dishwasher - Electric
- Demand Controlled Ventilation
- Steam Cooker

Water Heating

Commercial Solar Water Heater

Refrigeration

- Electronically Commutated Motors (ECM) in Commercial Refrigeration
- Evaporator Fan Motor Controls
- Floating Head Pressure Controls
- High Efficiency Evaporators
- Refrigerated Case Anti-Sweat Heater Controls
- Refrigerated Case Doors
- Refrigerated Case Night Covers

DETAILED REQUIREMENTS

TIER 1, GRANT FUNDING UP TO \$500

HVAC

EQUIPMENT	REQUIREMENTS
WINDOW AC - VARIABLE SPEED COMPRESSOR	Must meet minimum efficiency requirements based on size as follows: 8,000 ≤ BTU < 14,000; 13.8 CEER 14,000 ≤ BTU < 28,000; 14.3 CEER Refer to this ENERGY STAR list of variable speed compressor room air conditioner models that may be eligible.

TIER 2, GRANT FUNDING UP TO \$3,000

APPLIANCES

EQUIPMENT	REQUIREMENTS
VENDING MACHINE CONTROLLER	Vending machine must be refrigerated and/or employ an active lamp.

COMMERCIAL KITCHEN EQUIPMENT

EQUIPMENT	REQUIREMENTS
COMMERCIAL REFRIGERATOR	Must be ENERGY STAR certified.* Solid door, glass door, and mixed solid/glass door refrigerators are eligible.
COMMERCIAL ICE MACHINE	Must be ENERGY STAR certified.* Air-cooled batch-type and continuous-type (i.e. flake and nugget) ice makers are eligible. Designs include ice-making head (IMH), self-contained (SCU), and remote condensing units (RCU).
COMMERCIAL FREEZER	Must be ENERGY STAR certified.* Solid door, glass door, and mixed solid/glass door freezers are eligible.
CONVECTION OVEN - ELECTRIC	Must be ENERGY STAR certified.* Food-grade commercial convection ovens as defined in the ENERGY STAR 2.0 specification. This includes half and full-size electric convection ovens.
ELECTRIC GRIDDLE	Must be ENERGY STAR certified.* Single and double-sided electric models that are thermostatically controlled are eligible.
HOT FOOD HOLDING CABINET	Must be ENERGY STAR certified.* Must have glass or solid door cabinets (fully enclosed compartment with one or more doors).

PUMPS & MOTORS

EQUIPMENT	REQUIREMENTS
VARIABLE FREQUENCY DRIVES (VFD) FOR POOL PUMPS	VFDs installed on a water feature, spa pool, or Jacuzzi pumps, above-ground pool, pond, pool-cleaner/booster do not qualify. Existing equipment must not have a working VFD. VFDs must actively control and vary the pump speed. All pumps and motors must be new. 3 HP or less pump limit. New pump or motor must be operated with a qualifying controller.

BUILDING ENVELOPE

EQUIPMENT	REQUIREMENTS
WINDOW FILM	Windows must be facing east, west, or south. Must have a solar heat gain coefficient of 0.435 or less. Film must have a minimum five-year manufacturer's warranty and one-year installer's warranty. Windows may be clear or factory tinted, single or double pane, but must not have reflective glass. Windows significantly shaded by buildings, trees, awnings, etc. are not eligible.

TIER 3, GRANT FUNDING UP TO \$4,000

HVAC

EQUIPMENT	REQUIREMENTS
AIR-SOURCE HEAT PUMP	Search model numbers in the AHRI Directory for tested capacity and efficiency ratings. Must meet minimum efficiency requirements based on size as follows: 65,000 ≤ BTU < 135,000; 11.0 EER; 15.5 IEER 135,000 ≤ BTU < 240,000; 10.6 EER; 14.9 IEER
AIR-SOURCE PACKAGE/SPLIT AC	Search model numbers in the AHRI Directory for tested capacity and efficiency ratings. Must meet minimum efficiency requirements based on size as follows: 65,000 ≤ BTU < 135,000; 11.2 EER; 16.3 IEER 135,000 ≤ BTU < 240,000; 11 EER; 15.6 IEER
AIR-SOURCE PACKAGE/SPLIT AC OR HEAT PUMP (SINGLE PHASE)	Search model numbers in the AHRI Directory for tested capacity and efficiency ratings. Must meet minimum efficiency requirements based on size as follows: BTU ≤ 65,000; 15.2 SEER2
AIR-SOURCE PACKAGE/SPLIT AC OR HEAT PUMP (THREE PHASE)	Search model numbers in the AHRI Directory for tested capacity and efficiency ratings. Must meet minimum efficiency requirements based on size as follows: BTU < 65,000; 14.7 SEER2 Packaged Heat Pump: BTU < 65,000; SEER2 Split Heat Pump: BTU < 65,000; 15.7 SEER2
INVERTER VARIABLE REFRIGERANT FLOW (IVRF) - HEAT PUMP	Search model numbers in the AHRI Directory for tested capacity and efficiency ratings. Must meet minimum efficiency requirements based on size as follows: BTU < 65,000 ; 15.4 SEER 65,000 ≤ BTU < 135,000; 11.0 EER; 13.4 IEER 135,000 ≤ BTU < 240,000; 10.6 EER; 12.8 IEER

INVERTER VARIABLE REFRIGERANT FLOW (IVRF) - PACKAGE/SPLIT AC	Search model numbers in the AHRI Directory for tested capacity and efficiency ratings. Must meet minimum efficiency requirements based on size as follows: BTU < 65,000 ; 15.4 SEER 65,000 ≤ BTU < 135,000; 11.2 EER; 14.2 IEER 135,000 ≤ BTU < 240,000; 11.0 EER; 13.6 IEER
PTAC/PTHP	Search model numbers in the AHRI Directory for tested capacity and efficiency ratings. Must meet minimum efficiency requirements based on size as follows: BTU < 7,000; 13.1 SEER Standard; 10.3 SEER Non-Standard (PTAC); 10.2 SEER (PTHP) 7,000 ≤ BTU < 15,000; Size dependent (contact Hawaii Energy) 15,000 ≤ BTU < 65,000; 10.5 SEER Standard; 8.5 SEER Non-Standard (PTAC); 8.4 SEER (PTHP)
VERTICAL AC/HEAT PUMP	Search model numbers in the AHRI Directory for tested capacity and efficiency ratings. Must meet minimum efficiency requirements based on size as follows: BTU < 65,000; 12.1 EER 65,000 ≤ BTU < 240,000; 11.0 EER
WATER-SOURCE HEAT PUMP	Search model numbers in the AHRI Directory for tested capacity and efficiency ratings. Must meet minimum efficiency requirements based on size as follows: BTU < 17,000; 13.4 EER 17,000 ≤ BTU < 135,000; 14.3 EER

TIER 4, GRANT FUNDING UP TO \$6,000

COMMERCIAL KITCHEN EQUIPMENT

EQUIPMENT	REQUIREMENTS
COMBINATION OVEN - ELECTRIC	Must be ENERGY STAR certified. Must be a food-grade commercial combination oven as defined in the ENERGY STAR Version 2.0 specification.
COMMERCIAL DISHWASHER - ELECTRIC	Must be ENERGY STAR certified. Stationary rack and conveyor machines are eligible. Flight-type dishwasher and dishwashers intended for residential or laboratory applications are ineligible.
DEMAND CONTROLLED VENTILATION	The control system must be used in conjunction with variable speed fan motor controls. All motors must meet NEMA Premium Efficiency standards and be UL Approved. Temperature and optical sensors must have the ability to sense and ramp up or down the ventilation rate based on the presence of temperature, smoke or steam from cooking activity. Temperature and infrared cooking sensors must have the ability to measure temperature at the cooking surface to ramp ventilation up or down based on when cooking starts.
STEAM COOKER	Must be ENERGY STAR certified. Electric steam cooker models may include countertop, wall-mounted, floor-mounted and floor-mounted on a stand, pedestal, or cabinet-style base.

PUMPS & MOTORS

EQUIPMENT	REQUIREMENTS
PREMIUM EFFICIENCY MOTORS	Must be a new motor installation; used or rebuilt motors are not eligible. Contact Hawai'i Energy for minimum efficiency requirements table.

REFRIGERATION

EQUIPMENT	REQUIREMENTS
ELECTRONICALLY COMMUTATED MOTORS (ECM) IN COMMERCIAL REFRIGERATION	ECM must be coupled with integrated controllers. Retrofits from standard efficiency shaded pole motors to ECM in existing refrigerated cases up to 1HP may qualify. Complete walk-in refrigerators and freezers manufactured after January 1, 2009 do not qualify.
EVAPORATOR FAN MOTOR CONTROLS	Must be installed in an existing walk-in cooler/freezer or refrigerated warehouse. Must control synchronous or brushless DC motor. Controls must cycle or reduce fan air flow.
FLOATING HEAD PRESSURE CONTROLS	Must be installed in existing equipment. Compressor rating must be less than or equal to 10 HP. Must control synchronous or brushless DC motor. Controls must cycle or reduce fan air flow.
HIGH EFFICIENCY EVAPORATORS	Retrofit only. Must have electronically commutated motor (ECM) and integrated motor controls at minimum. Defrost optimization and electronic expansion valve are desirable.
REFRIGERATED CASE ANTI-SWEAT HEATER CONTROLS	Controls must be installed on all doors of an existing refrigerator or freezer. Complete walk-in refrigerators/freezers manufactured after January 1, 2009 do not qualify.
REFRIGERATED CASE DOORS	Retrofit to existing, open low- or medium-temperature refrigerated cases. Doors must have double- or triple-pane, non-heated, insulated glass. Must include added end cap filler or full end replacement to enclose the ends of the cases. If door lighting exists, must be integrated LED lighting.
REFRIGERATED CASE NIGHT COVERS	None.

WATER HEATING

EQUIPMENT	REQUIREMENTS
COMMERCIAL SOLAR WATER HEATER	Must comply with Solar Rating and Certification Corporation (SRCC) standards.

***Refer to this [ENERGY STAR list](#) to see which models are certified. Search the model number to see if the unit you're considering is certified.**