



10-Entry Level Points for Green Housing*

Maximize Energy and Water Efficiency Measures

- 1. **Lighting: Utilize daylighting and install lamps that are energy efficient LEDs.** For products that provide the greatest energy savings, look for products that have earned the ENERGY STAR® logo. (Dept of Energy’s Renters DIY Tips and Tricks).
- 2. **Ventilation: Maximize natural ventilation and install ENERGY STAR® ceiling fans and energy efficient ENERGY STAR air conditioning, when needed.** Use ceiling fans to improve air flow and minimize usage of AC. Energy Efficient Products | ENERGY STAR
- 3. **Appliances: Provide ENERGY STAR appliances** (e.g. refrigerators, washers, dryers, dishwashers, and monitors). See Rebates – Hawaii Energy, Appliance Programs | Kauai Island Utility Cooperative (kiuc.coop) and Dept of Energy’s Incentives for Homeowners for specific items that promote efficiency and qualify for rebates.
- 4. **Water Heating: Install energy efficient water heaters:** Solar water heaters or heat pump water heaters. See Rebates – Hawaii Energy, and Solar Water Heating Programs | Kauai Island Utility Cooperative (kiuc.coop) for specific items that promote efficiency and qualify for rebates.
- 5. **Water efficient fixtures and equipment: Install kitchen and bathroom fixtures that are high efficiency and Water Sense labeled** (e.g. washers, dishwashers, faucets, shower heads, and toilets). See Commercial Rebates - Board of Water Supply, Rebates – Hawaii Energy, DWS Maui, DW Kauai, DWS Hawaii Island for specific items that promote efficiency and qualify for rebates.
- 6. **Landscaping and weather-based irrigation:** Install water efficient landscaping and irrigation systems such as weather-based irrigation controller, residential rain barrel, smart water monitor, etc. See Commercial Rebates - Board of Water Supply, BWS Introduction to Xeriscaping (minimizes water use), Rebates – Hawaii Energy, Maui County Dept of Water, and the Dept of Energy’s Incentives for Homeowners for specific items that promote efficiency. Utilize indoor and outdoor plants that minimize irrigation and potable water usage.

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- 7. **Renewable Energy: Complete provisions of the DOE Zero Energy Ready Home PV-Ready Checklist.** See Energy Saver | Department of Energy and Hawaii Solar Energy Association for details on systems and costs.
- 8. **Increase resilience:** Use/install building materials that increase resilience to fires, termites, mold and/or hurricanes (e.g. items such as tie down hardware and shutters to protect windows and doors). See FORTIFIED: Build Resilience to Your Budget for more details and other resilience options.
- 9. **Transportation: Provide bike parking. Locate site near public transit and active transportation.** Bus, biking, and car share options include: The Bus, Biki, and Hui. Or provide information/map on where these facilities are located nearest to the property.
- 10. **Recycling: Provide recycling containers with clear instructions on usage for residents.** See City & County of Honolulu Recycling, Maui County Recycling, Kauai County Recycling, County of Hawaii Recycling for info on county-specific recycling program.

Business Name	Contact Name	Contact Signature	Date
Email	Address	Phone	

* Upon confirmation from HGBP, participants may be eligible to receive HGBP recognition certificate and granted usage of logo. Email dbedt.hgbp@hawaii.gov or visit <https://greenbusiness.hawaii.gov/> for more information and links to resources.



10-Entry Level Additional Checklist for Green Housing

(See Executive Order 25-01 Accelerating Hawai'i's Transition Toward 100 Percent Renewable Energy for details)

If any items in the 10-Entry Level Checklist are not applicable to your business, then you can use any of the items on this list as substitutions. (Subject to verification and acceptance by the HGBP).

- 1. **Lighting: Install solar light tubes.** See Hawaii Homeowner's Guide to Energy, Comfort & Value for tips and techniques.
- 2. **Ventilation: Install solar-powered attic fans and/or whole house fans.** See Alternate Energy Hawaii: Attic Cooling and Ventilation, and Island Solar Service: Solar Powered Attic Fan for more information.
- 3. **Insulation and Heat Abatement:** Install shaded high-performance windows, light colored roof and exterior walls, well-insulated roof and exterior walls, and/or high solar reflectance roofing. See Dept of Energy's Zero Energy Ready Home Requirements to ensure compliance.
- 4. **Renewable Energy: Install solar energy systems and battery storage systems to maximize renewable energy and reduce utility bills.** See Dept of Energy's Residential Renewable Energy and Hawaii Solar Energy Association for details on systems and costs.
- 5. **Water Conservation: Implement a rainwater catchment system.** See Dept of Energy's Residential Renewable Energy and Hawaii Solar Energy Association for details on systems and costs.
- 6. **Reduce Runoff: Use pervious or permeable driveways and/or walkways to reduce stormwater runoff.** See PerviousPavement.org for more information and resources.
- 7. **Building Materials: Use building materials that reduce the project's carbon footprint to reduce embodied energy.** See Carbon Leadership Forum, Embodied Carbon 101: Building Materials, Decarbonization | U.S. Green Building Council, CARE Tool – Architecture 2030, Design Guidance for Reducing Embodied Carbon in Structural Systems.
- 8. **Landscaping: Produce food on-site, via garden or aquaponics system.**
- 9. **Composting: Implement a composting system to reduce kitchen and yard waste.** See Kauai County's Home Composting for further instruction.
- 10. **Transportation: Install EV charging for EVs or E-bikes.** See Dept of Energy's Electric Vehicles and Chargers, Electric Vehicles – Hawaii Energy, and Electric Vehicle (EV) Resources | Kauai Island Utility Cooperative (kiuc.coop) for more info on EV charging, rebates and incentives.
- 11. **Other sustainable practices:**

Business Name	Contact Name	Contact Signature	Date
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