



# HO'OMALUŌ

## ENERGY POLICY

*To enable native Hawaiians and the broader community working together to lead Hawai'i's effort to achieve energy self-sufficiency and sustainability.*

**OBJECTIVE**

### 3

**Kūkulu pono:** Design and build homes and communities that are energy efficient, self-sufficient and sustainable.

**ACTIVITIES:**

Promote, design, and build new affordable homes (that minimize lifestyle and visual impacts) using the "Hawai'i BuiltGreen" and "ENERGY STAR" programs. (These programs ensure the designing and building of new energy and resource efficient homes in Hawai'i.)

Strive to plan, design, and build new communities utilizing the "ahupua'a" concept and the "Green Communities" program. (The Green Communities program's criteria are designed to provide a cost effective approach and standard for creating healthy, affordable, and environmentally responsible homes and communities.)

Assist beneficiaries to utilize energy efficiency rebates, financial assistance, tax credits and other incentives offered by utility companies and federal, state and county governments.

Promote the benefits of hybrid electric vehicles to help reduce beneficiaries' transportation (gasoline) costs. (70% of Hawai'i's imported fossil fuel is used for transportation that must be use efficiently or conserved.)

Assist beneficiaries to obtain mortgages under the "Energy Efficient Mortgage" program. (The program can help beneficiaries save money and, reduce their loan qualifying income requirements.)

Seek partnerships with federal agencies like with the U.S. Department of Energy that provide access to current state-of-the-art technical advancements in energy.

Seek partnerships that provide grants and other financial assistance for the developments of state-of-the-art net zero energy homes.

Join with electric utilities and the Public Benefits Administration as partners to advocate, communicate and educate the public on state-of-the-art energy initiatives.

*Energy efficient homes generate lower electricity and home maintenance costs that would help beneficiaries qualify for a higher home mortgage or increase their purchasing/savings power.*

**OBJECTIVE**

### 1

**Mālama 'āina:** Respect and protect our native home lands.

**ACTIVITIES:**

Develop a comprehensive strategic plan for the protection, restoration and preservation of DHHL's forest lands. (An appropriate plan that incorporates the preservation of values, traditions, and culture of Native Hawaiians that restores balance, harmony, and sustainability of the forest lands for future generations.)

Develop a comprehensive strategic plan for the protection, restoration and preservation of DHHL's other lands—lands other than forest lands, lands for homesteading and lands for general lease.

Identify properties in DHHL land inventory that have potential for carbon sequestration and determine if carbon sequestration is a viable use of DHHL lands.

Evaluate each Regional Plan to determine if energy self-sufficiency and sustainability goals and objectives should be incorporated into the regions. (The regions contained within the Regional Plans can serve as today's "ahupua'a" - the past Hawaiian land-management system of self-sufficiency for future generations.)

Develop, implement, and maintain plans to reduce DHHL's carbon footprint (reduce greenhouse gas emission).

**OBJECTIVE**

### 2

**Ko'o:** Facilitate the use of diverse renewable energy resources.

**ACTIVITIES:**

Identify properties in DHHL's land inventory that have potential for renewable energy projects.

Pursue the leasing of those lands that are identified as suitable for renewable energy projects. (First priority should be given to entities that would provide "firm" renewable energy power such as garbage-to-energy (mass-burn), geothermal, pump-storage hydropower, solar-thermal and second priority to "as-available" renewable energy power such as wind, solar-photovoltaic, and wave.)

Encourage existing and future general lessees and licensees of DHHL's properties to design and build their facilities so that they are energy and resource efficient.

Seek partnerships for the development of renewable energy resources. In this connection, build relationships that could assist DHHL on non-energy related issues.

Evaluate DHHL's available authorities/powers that could expedite renewable energy projects for the state of Hawai'i.

Seek innovative processes to provide reliable electricity, by assisting electric utilities (in a world where energy is an essential but very limited resource) to reduce Hawai'i's dependency on fossil fuels.

**OBJECTIVE**

### 4

**Kōkua nō i nā kahu:** Provide energy efficiency, self-sufficiency, and sustainability opportunities to existing homesteaders and their communities.

**ACTIVITIES:**

Identify effective energy efficiency and conservation retrofit applications and develop a plan to assist homesteaders with the retrofitting of their homes. (Retrofit applications may include: solar hot water heating system, insulation/radiant barriers, low-flow toilet and shower head, photovoltaic system, CFL bulbs, ENERGY STAR appliances, energy efficient windows, clothes line, ventilation techniques, and roof/attic vents.)

Assist homestead communities to achieve potential energy self-sufficiency by identifying properties near existing homesteads that could be utilized for community renewable energy projects that could also generate revenue for their respective regional plan projects.

Seek partnerships to assist homesteaders with retrofit applications and energy self-sufficiency projects.

*Help homesteaders lower their monthly electricity and maintenance costs that would increase their purchasing/savings power and generate revenue for their respective Regional Plan projects.*

**OBJECTIVE**

### 5

**Ho'ona'auao:** Prepare and equip beneficiaries to promote a green, energy efficient lifestyle in and around communities.

**ACTIVITIES:**

Seek partnerships that provide opportunities to learn how to live a self-sufficient and sustainable, greener lifestyle.

Develop and implement resource efficiency programs for beneficiaries to reduce, reuse, and recycle resources. These resources include construction and demolition materials, household items, yard waste, and other items which might be sent to landfills or incineration.

Assist homestead communities to become more aware of their energy use and carbon footprint.