



HALE KOA HOTEL®

Hale Koa Hotel's Conservation Operation

The Hale Koa Hotel (or House of Warrior) is a world-class resort hotel operated as an Armed Forces Recreation Center since 1975. The Hale Koa's mission is "To operate a full-service hotel and recreation facility at affordable prices for military members and their families." Over a million visitors utilize the hotel annually. The Hale Koa Hotel takes great pride in operating self-sufficiently, without taxpayer support of the operations or park maintenance. The staff takes seriously its stewardship of the land, the protection of the environment, the wise use of energy, and ensuring "green" conservation efforts are a way of business.

The Hale Koa Hotel is comprised of 817 guest rooms in two towers located on 72 acres of land. The park area and 1/3 mile of beach is maintained by the Hale Koa staff for the enjoyment of the visitors and residents alike. The hotel has three restaurants and several outdoor snack bars. There are two swimming pools; one for in-house guests only and the other for any authorized member of the Department of Defense. The Hotel also provides over 1700 parking spaces for hotel patrons or convenience parking for visitors into Waikiki.

Energy Conservation:

Over the past several years the hotel has participated in Hawaiian Electric Company rebate programs and has received over \$59,000 for improvements in electrical use which include:

- Conversion of high energy exterior lighting to energy efficient lighting
- Conversion of large motors to High Efficiency Motors
- Replacement of two older air conditioning chilled water units to energy efficient, environmentally friendly units.
- Retrofit of interior lighting systems to energy efficient fixtures with low energy electronic ballasts.
- Replacement of incandescent lamps in guest rooms with energy efficient compact florescent lamps.
- Installation of motion sensors in non-critical areas to minimize lighting use. .

Other electrical efforts:

- Close monitoring of electrical use to include lighting, air conditioning and major equipment to ensure they are used only as needed.
- Improved energy demand use, which has resulted in monthly "rebate" on electrical billing.
- Installing high efficiency heat pumps by early 2005, greatly reducing the energy use for hot water and air conditioning.

Other Conservation Measures:

- Ongoing energy assessment to improve efficiency.
- Strict compliance to scheduled maintenance of air conditioning, ventilation, and equipment
- Tinting exterior windows to minimize heat load.
- Pre-set air condition timing and temperature for function rooms.
- Set guestroom thermostats to a warmer setting when unoccupied.

Water Conservation:

- Complete renovation of laundry plant including energy efficient dryers and washers that recycle water (providing pre-heating as well as re-use of water for washing). This is saving 2.5 million gallons of water and approximately \$150,000 in energy use annually.
- Installed water efficient laundry washers for guest rooms.
- Converted guestroom showerheads to low flow type.
- Installed guestroom cards reminding guests to reuse towels to help with conservation of water and energy.
- Implemented linen change policy to every third day unless otherwise requested by guest.
- Instituted measure in all restaurants to serve water only upon request
- Board of Water Supply recognized the hotel for making significant efforts in water conservation, with a reduction of as much as 11%

Conservation Measures in Landscaping:

- Close monitoring of all grounds watering.
- Use of green waste as mulch bed for plantings.
- Separate excess green waste from landfill to green waste recycling.
- Continue landscape improvements using native, drought resistant plants.

Waste Reduction:

- The hotel diverts several tons of waste to recycling centers annually which would normally go to landfill, including:
 1. Cardboard
 2. Office paper (computer, white & colored)
 3. Glass (clear, brown & green/yellow/blue)
 4. Used cooking oil
- Damaged linens are recycled into aprons for kitchen staff
- Old sheets, towels & table clothes are recycled to rags.
- Bulk food waste reduced by installing waste food pulping system.
- Consolidated grease interceptors for each tower (IAW EPA and C/C regulations) to eliminate fat, oil, and grease waste entering the sewage system.

Future Projects:

- All projects include detailed review of equipment to ensure selection of energy efficient systems. Designs are scrutinized to ensure environmental concerns are also addressed.