HAWAII GREEN BUSINESS PROGRAM

DBEDT
STATE OF HAWAII • DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

HAWAII STATE DEPARTMENT OF HEALTH

HONOLULU BOARD OF WATER SUPPLY

Chamber of Commerce HAWAII

# HALE KOA HOTEL

**Background:**

The Hale Koa Hotel, surrounded by 72 acres of lush tropical gardens, mature shade trees, towering palms, Native Hawaiian plants, vast open green spaces and fronting the world famous Waikiki Beach, has proudly provided rest and recreation, as well as healing and rejuvenation, for the men and women of the United States Armed Services since 1975. Many guests at the Hale Koa Hotel have returned year after year since serving in the Vietnam War. The Hale Koa Hotel is dedicated to protect and preserve this treasured facility for the continued enjoyment of current and future generations, all of which is accomplished without any taxpayer support by using only self-sustained Non-Appropriated Funds (NAF) revenue.

The following activities describe the actions taken by the Hale Koa Hotel in 2017 to become more energy efficient and environmentally aware thereby actively participating in the preservation of Hawaii's natural resources and the reduction of our carbon footprint.

**Energy Efficiency**

- Ongoing replacement of existing fluorescent lighting with LED lighting in Main Lobby, Parking Garage, Guest Rooms and Corridors, Back of House, Loading Dock, and Landscaping
- Installation of motion activated sensors for LED lighting
- Ongoing replacement of existing Guest Room Fan Coil Units with new energy efficient models
- Ongoing replacement of existing Cooling Towers with new energy efficient models
- Replacement of existing Air Handling Units with new energy efficient models
- Replacement of existing Chillers with new energy efficient models
- Ongoing replacement of existing Climate Control Network with upgraded new technology Building Management System
- Ongoing installation of tinted window film on floor-to-ceiling windows in Maile Tower Elevator Lobbies to reduce solar heat gain
- Installation of new Variable Frequency Drivers
- Duct and piping insulation replacement
- Ongoing Energy Assessment Engineering Survey for replacement of existing kitchen hoods with new energy efficient models
- Ongoing Energy Assessment Engineering Survey for upgrading the existing walk-in refrigerators to be more energy efficient
- Employee energy awareness training

**Water Conservation:**

- Ongoing installation of WaterSense labelled low-flow plumbing fixtures (water closets, faucets, showers) in 396 Guest Units in the renovation of the Maile Tower
- Ongoing installation of WaterSense labelled low-flow plumbing fixtures in Public Restrooms in Maile Tower, Courtyard and Ilima Pool
- Re-use of the rinse water for the next wash cycle in commercial washing machines

- Re-use of cooling water for heating the swimming pools
- Ongoing video survey and maintenance of existing storm drains
- Ongoing installation of storm drain protection devices and warning signs not to dump garbage or liquids into the storm drains
- Installation of low-flow pre-rinse sprayer in kitchens
- Ongoing use of electronic system for employees to notify the Engineering Department of any leaks for immediate attention
- Ongoing salt water swimming pools in lieu of chlorine
- Construction of Rain Gardens to decrease the flow of rain water into the storm drains
- Irrigation system upgraded to operate during morning hours to reduce evaporation Use of native, drought-resistant plants in landscaping
- Employee water conservation awareness training

## Recycling/Solid Waste Reduction

- Ongoing recycling program throughout the hotel including cardboard, glass, aluminum cans, office paper, plastic, and green waste
- Recycling of hotel linens for use in kitchen and housekeeping
- Recycling of food waste for animal feed
- Composting by the Landscaping Department
- Recycled paper products installed in Guest Rooms
- Replacement of plastic bags for paper and biodegradable bags for take-out foods and leftovers at restaurants
- Replacement of plastic garbage can liners with biodegradable bags

## Future Projects

- Installation of roof-mounted solar panels

For more information on the hotel, visit halekoa.com