



*The Chamber of
Commerce of Hawaii*

**HAWAII GREEN BUSINESS
AWARDS CEREMONY
January 27, 2005**

Grand Wailea Resort Hotel & Spa



OVERVIEW

Built in 1991 with a commitment to portray the richness of Hawaii's nature, culture, and people, the resort features luxurious accommodations, award-winning cuisine, the unparalleled Spa Grande, championship golf and tennis and a vast array of recreational and outdoor activities.

As an important member of the community, the Grand Wailea Resort Hotel & Spa feels strongly about setting an example of responsible stewardship. Saving resources and recycling are especially important as we are based on an island. The Grand Wailea Resort is proud of its environmental projects and programs that have seamlessly been assimilated into the day-to-day activities of the associates. The 40-acre property has 19 recycling stations to simplify and encourage the recycling of white and mixed paper, aluminum, tin cans, cardboard, and food waste. Associates are introduced to these programs and initiatives at orientation and through on-going communication as programs are expanded and added.

On December 9, 2004 approximately 800 associates attended the Grand Wailea Resort First Annual Associate Environmental Education Fair to educate themselves on green hotel practices and how to protect our environment through local environmental organizations invited to participate.

RENEWABLE ENERGY

Combined Heat & Power (CHP), also known as cogeneration, is an efficient, clean, and reliable approach to generating power while capturing and utilizing the thermal energy. The cogeneration unit was installed in December 2002. The waste heat from the generation process is captured to heat the 750,000-gallon main pool, and all to supply the hot water needs for the 50,000 square foot Spa Grande with its world class Terme, Roman baths, and Furo's.

In October 2003, the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) selected the Grand Wailea Resort for a CHP Certificate of Recognition based on the success of this demonstration project. Each year this is awarded to leaders who increase the nation's electric generation efficiency through the development of highly efficient CHP projects.

The Grand Wailea Resort is demonstrating a dedication to reduced fuel consumption and responsible energy management. The efficiency of the CHP facility allows it to operate using 25% less fuel than conventional heating equipment. As a result, the Grand Wailea Resort is paying less in energy costs through the use of CHP in this successful demonstration project.

The Grand Wailea Resort is committed to using energy efficient equipment and procedures. Daily evaluation and documentation of electric, propane, and water consumption allow on-going checks to ensure resources are being saved and protected.

- Compact fluorescent light bulbs in guest rooms
- *Colortran* lighting control systems for public areas & meeting rooms. Timers on landscape & water feature lighting throughout property. Motion sensor lighting in offices and storage rooms.
- Air conditioning disconnects on guest room lanai screen doors.
- VFD for chill water system & cooling towers adjust for demand and load.
- Cooling towers – New high silica water treatment system reduces water consumption by increasing cycles.
- Pumps/motors have been to high efficiency motors retrofitted reducing electrical usage.
- Use recycled glass in Activity Pool Filtration System, our 770,000-gallon swimming pool & spas.
- Tempered water system for domestic hot water capturing waste heat off of the evaporator pre- heats the domestic water supply for property.

LANDSCAPING/WATER FEATURES

Located on 40 acres, the Grand Wailea's dedicated landscaping encompasses 20 acres. The Grand Wailea takes ownership of this precious island land through aggressive evaluation of the irrigation water consumption. This allows for immediate action to respond to potential leaks, over watering or control malfunctions and insures the saving of natural resources.

- The resort produces 10 tons of green waste per month, which is then recycled into compost and used.
- Compost is used to top dress the lawns and plants, which aids in disease resistance & reduces the need for fertilizer.
- Utilize old discarded sheets from guest rooms to reduce use of plastic trash bags.
- Seashore paspalum grass, resistant to salt, is planted on resort. Just spray with salt water to kill weeds.
- Native drought resistant plants to decrease water usage.
- Rain Bird's "Maxicom" computerized irrigation system maximizes efficiency and conservation.

The Grand Wailea Resort Hotel & Spa is honored to be part of the Green Business Awards Ceremony. The resort will continue to improve and expand existing programs and initiatives as well as introduce new ones.