



# MOANA SURFRIDER

A WESTIN RESORT & SPA  
WAIKIKI BEACH



### Background:

The Moana Hotel, the first hotel built on Waikiki Beach, opened its doors to the public on March 11, 1901. Moana Surfrider, A Westin Resort & Spa is dedicated to developing innovative and comprehensive resource management programs that result in improving the quality of the environment while providing significant cost savings.

Moana Surfrider, A Westin Resort & Spa, was recognized by the Hawaii Department of Business, Economic Development and Tourism in 2009 with the Green Business Award for its innovative “green practices” to help conserve energy, reduce pollution, recycle, and incorporate environmental purchasing into its daily operations. The Moana Surfrider also earned the Energard Utilities Conservation Program Achievement Award for January, February, August, September and October 2010 for achieving the greatest energy reduction over all Starwood North America hotels and resorts.

Moana Surfrider’s three key words are: reduce, reuse and recycle. Moana Surfrider supports local vendors and merchants by purchasing locally grown, sustainable products to provide our guests with a uniquely Hawaiian experience

### Reduction of Energy Usage:

- ✦ Replacement of A/C chiller with high efficiency chiller.
- ✦ Installation of heat pumps and exchangers to recover waste heat for hot water.
- ✦ Changing of hotel lighting to energy efficient lamps.
- ✦ Implemented fully automated building management system to control, monitor and optimize central plant.
- ✦ Replacement of pumps and compressors with modern energy efficient equipment.
- ✦ Installation of energy saving smart thermostats in all guest rooms.
- ✦ Installation of energy glass and/or window film in all guest rooms.
- ✦ Installation of Variable Speed Drives on all chill water, condenser water and booster pumps.
- ✦ ECM motors installed in walk-in refrigerators and freezers.

### Reduction of Water Usage:

- ✦ Conversion to low flow toilets, shower heads and other plumbing fixtures.
- ✦ Replacement of towels only if guests indicate by placing towels in the bathtub. If not indicated, room attendants neatly fix existing towels on the rack.

### Solid Waste and Recycling Effort:

- ✦ Initiation of a recycling program to recycle all wet waste, paper, cardboard, cooking oil, plastic, aluminum, metals and glass.
- ✦ Paper products in guest rooms are made from recycled paper.

### Pollution Prevention Effort:

- ✦ Switching to environmentally safe water based paints and cleaners.
- ✦ No aerosol cleaning products are used.

For more information on the hotel, visit, <http://www.moana-surfrider.com/>