



Kona Pub & Brewery



Outstanding Efforts:

Spring 2012, The Kona Brew Company's Kona Pub & Brewery is becoming a Hawai'i Green Business Program Awardee for their outstanding efforts to reduce, reuse and recycle. Kona Brewing Company is a Hawai'i-born and Hawai'i-based craft brewery. Kona Brew released Hawai'i's only certified-organic and sun-powered brews and makes every effort to exist in a sustainable way with Hawai'i's fragile ecosystems. KBC is the first brewery in Hawaii to produce sun-powered beer and among the largest in the craft brew industry nationwide.

Energy Efficiency & Water Conservation:

- Replaced incandescent indoor and outdoor track, decorative and flood lighting with 55 LEDs and 25 CFLs which saves 17,444 kWh annually
- Incorporated water saving technologies and practices such as low-flow aerators, automatic toilet flushers, toilet upgrades, and an employee training program resulting in a 7% or 900 gallons per day decrease in water usage
- A/C systems reclaim 53,629 gallons of water annually for use in landscape irrigation which offsets 8.25% of water used in brew production
- Installed a 990 Trina Solar 230W modules which produce over 900 kWh of electricity daily
- The system offsets 48% electric usage and saves \$150,000 annually as well as produces enough energy to power 72 average residences daily, save 734 barrels of oil or over 4,500 trips around the Big Island, and eliminated almost 700,000 lbs. of CO₂ from entering the atmosphere

Recycling & Waste Reduction Practices:

- Incorporated waste reduction strategies that eliminated 70% of waste from solid and water waste systems
- 1,600 gallons per week of high nutrient spent *trub*, yeast, and waste from filtration is given to soil farmers; 18,000 lbs. of spent grain per week are given to cattle farmers; at least 210 lbs. of food waste per week is given to pig farmers
- Added two grain silos for bulk grain purchasing, eliminating over 13,000 non-recyclable plastic bags from waste stream

Outreach & Education:

- KBC's Kona Pub and Brewery hosted Hawai'i Electric Lighting Company's annual company convention and hosted a tour of its eco-friendly pub systems and solar-powered brewing systems
- Worked with a local class of 5-6 graders to create Christmas ornaments made from reclaimed rubbish that decorated the Pub's holiday tree
- Since 2011, KBC donates over \$250,000 in products and cash annually to non-profit organizations. A primary focus of the Company is supporting organizations that protect the oceans as well as environmental conservation initiatives, education and awareness, and community gatherings