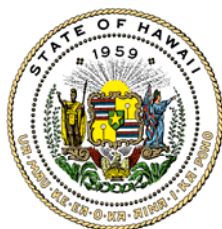




Green Business Hawaii Fifth Annual Recognition Program April 24, 2009



Lead By Example

At the direction of Governor Linda Lingle, Hawaii executive agencies are documenting completed and planned activities in energy efficiency, renewable energy, sustainable purchasing, and vehicle efficiency. The Lead by Example initiative began in 2006 in response to legislative and executive mandates to change the way state agencies approach energy use in operations and facilities.

Hawaii Clean Energy Initiative (HCEI)

The Hawaii Clean Energy Initiative (HCEI) is an unprecedented effort to transform the entire Hawaii economy from getting 95% of its energy, including most electricity, from imported oil today, to meeting the state's energy needs from 70% clean energy (primarily indigenous renewables and efficiency) by 2030.

Energy Savings

- DBEDT, working with DAGS, certified the State Office Tower as an U.S. EPA Energy Star building in 2006 and 2007. Energy Star buildings are in the top 25% of comparable buildings for energy efficiency.
- About 4,600 32-watt fluorescent lamps have been changed to high-efficiency, low-mercury 25-watt lamps. This will provide a cost and energy savings of \$18,000 and 100,000 kWh per year, respectively.
- 106 emergency exit signs in the State Office Tower have been changed to super-efficient LED (light-emitting diode) signs. LED signs will cost only \$1.45 per year each to operate, as compared to conventional signs, which cost \$63 per year.

Water Conservation

- The State Office Tower has been retrofitted with motion-sensor activated, low-flow faucets which use only .5 gallons per minute.
- 16 ultra low-flow urinals have been installed in the State Office Tower. Each unit will save approximately .875 gallons per use or 13,650 gallons of water per year as well as 87% in cost savings.

Environmentally Preferable Purchasing and Resource Use

- 33 electric hand dryers have replaced multi-fold paper towel dispensers in all bathrooms of the State Office Tower. This represents an approximate reduction of 2,146,716 paper towels annually – the equivalent of 160 trees. It is also 96% more cost-effective.

Recycling

- Cardboard and mixed office paper is recycled at the State Office Tower. DAGS has arranged for regular collection of these materials.
- Electronics and computers are collected and recycled via the Apple Computer annual e-waste program.

Climate Change

- DBEDT offers flexible schedules to staff to reduce traffic and greenhouse gas emissions from commuting.
- DBEDT encourages alternatives to single-occupant vehicle commuting to work by offering pre-tax bus passes for the city bus system.