



RESOURCE HIGHLIGHT: ENERGY

ENERGY PROGRAM MAXIMIZES ENERGY EFFICIENCY ...

Hawai'i County's Energy Program initiates, facilitates and implements renewable energy projects as well as programs that improve energy efficiency. Leading by example to incorporate clean energy/efficiency practices, we continually monitor/

modify these initiatives for effectiveness. Program goals are to maximize:

- the energy efficiency for all Hawai'i Island energy systems; and
- the use of cost-effective renewable energy for electrical energy generation and transportation on Hawai'i Island.

Additionally, the energy program works to improve and ensure the county's energy emergency preparedness. Finally, we act to represent County and Hawai'i Island interests in energy legislation and Public Utilities Commission proceedings.



Access more on our Energy program at: <http://www.hawaiicountyrandd.net/energy>

COUNTY OF HAWAI'I, RENEWABLE ENERGY LEADER ...

The County of Hawai'i is the renewable energy leader among all the counties in the state, and is a leader in the United States with a high percentage of renewable energy on an independent electrical grid. More than 30 percent of our electricity is produced from abundant renewable resources, including geothermal, wind, hydro and solar. Over recent months a number of initiatives have been implemented including:

- Constructed a 250 kW Photovoltaic Array at the West Hawai'i Civic Center which will provide the majority of the facility's electricity needs. This \$2 million project was done at no-cost to the tax-payer and represents the first **Feed-in Tariff** project in the County of Hawai'i.



West Hawai'i Civic Center
1st Feed-in Tariff Project



250 kW Photovoltaic Array

- Collaborated with Department of Water Supply and National Renewable Energy Laboratory (NREL), a Department of Energy (DOE) lab, to repower Lalamilo Wind Farm. This wind farm that will power water pumps is prime example of a **renewable distributed generation** project.

- Hosted US-Japan Energy Task Force that has identified the Natural Energy Laboratory of Hawai'i (NELHA) as prime location for an **Ocean Thermal Energy Conversion** project.

- Worked to establish Hawai'i Island as the **renewable energy host** for the 2011 Asia-Pacific Economic Cooperation forum to be held in November.

- Worked with Department of Public Works to ensure the West Hawai'i Civic Center and Hawai'i County Building in Hilo has future **electrical charging capabilities** for transition to more electric vehicles.

- Continued efforts with the State of Hawai'i to convert Hawai'i County's bus fleet to hydrogen power and to establish **hydrogen fueling stations**.

- Audited the top 10 energy-use facilities in the county to produce a list of implementation recommendations for **low-cost and no-cost energy efficiency** measures.

- Submitted data to NREL on Hawai'i County's vehicle usage to determine areas for **efficiency improvements**.

- Obtained and deployed \$737,800 in DOE money under the American Recovery and Reinvestment Act for various **energy efficiency** programs: replacing 500 streetlights with high-efficiency LEDs, performed 100 free residential energy audits, conducted energy efficiency education program and produced recommendations on further methods of funding county efficiency projects.

- Supported and facilitated establishment of a number of startup **alternative energy** projects.

JUNE 11-AUGUST 14

June 11 to July 31	Gods and Goddesses: Honoring the Art, Life and Voyage of Herb Kāne This special tribute exhibit showcases the extraordinary paintings of the late well-known artist and historian, named a "Living Treasure" of Hawaii in 1984. Kāne's Hawaiian gods and goddesses images and his other works helped the world recognize the history and culture of the native Hawaiian people. Free; park entry fees apply. www.volcanoartcenter.org <i>From 9:00 AM until 5:00 PM, Daily</i>	808 967-8222 Volcano Art Center, Gallery Hawai'i Volcanoes National Park Hawai'i National Park, HI 96718
June 17	Keauhou Bird Center Tour Join us for this special tour of the Keauhou Bird Conservation Center in Volcano, which isn't open to the general public. See and learn about native birds that the facility houses, including the 'atalā (Hawaiian crow), which is extinct in the wild; the palila, a finch-billed honeycreeper found only on the slopes of Mauna Kea; the Maui parrotbill, an insectivorous Hawaiian honeycreeper; and the puaiohi, or small Kauai thrush. Since the tour is during breeding season, we will have a unique chance to see chicks being fed! Sponsored by Hawai'i Volcanoes Institute, part of Friends of Hawai'i Volcanoes National Park. Cost per person is \$20 for Friends members and \$30 for non-members. Students (K-12 and college with valid student ID) are half-price. Non-members are welcome to join the Friends in order to get the member discount. To register, call 808 985-7373 or visit www.fhvn.org <i>From 9:00 AM until 11:00 AM</i>	808 985-7373 Friends of Hawai'i Volcanoes National Park Keauhou Bird Conservation Center Volcano, HI 96785 institute@fhvn.org
June 19	Run Forrest Run Keiki Fun Runs Children ages 1-14 can participate in age specific runs/walks. All entrants receive t-shirt, finisher ribbon, and goodie bag. Entry fee is only \$5. Come join in the fun. Register at Bubba Gumps in Kona or printout application at: www.konamarathon.com and mail in. <i>From 8:00 AM until 12:00 PM</i>	Sharron Faff 808 967-8240 Hale Halawai County Park Ali'i Drive Kailua-Kona, HI 96740 raceinfo@konamarathon.com
June 24 to 26	Pu'uhonua O Hōnaunau Park Cultural Festival This fun and educational festival will mark the 50th anniversary of Pu'uhonua O Hōnaunau National Historical Park, perhaps the premier spot in the state to learn about ancient Hawaiian culture. Demonstrations of—and participation in—numerous Hawaiian arts and lifestyle activities, including net fishing, weaving, food preparation, canoe rides, lei making and much more. Free—no park fees. www.nps.gov/puho <i>From 9:00 AM until 3:00 PM, Daily</i>	808 328-2326 ext.1101 Pu'uhonua O Hōnaunau National Historic Park Hōnaunau, HI 96726
July 4	The Brothers Cazimero The brothers Cazimero pioneered a renaissance in Hawaiian culture in the early 1970's, making an indelible mark on contemporary Hawaiian music. Consummate musicians, Robert and Roland have enjoyed almost four decades of uninterrupted success unrivaled by any other performer in Hawai'i. Fee. www.kahiluthatre.org <i>8:00 PM</i>	808 885-6868 Kahilu Theatre at Parker Ranch Center Waimea, HI 96743
July 4	Great Waikoloa Rubber Ducky Race & 4th of July Extravaganza An all day fundraiser for United Cerebral Palsy of Hawai'i, the fun-filled event features a wild and wacky rubber ducky race, live entertainment and lots of exciting activities, culminating in a spectacular fireworks display over Kings Lake. www.waikoloabeachresort.com <i>From 10:00 AM until 9:30 PM</i>	808 886-8811 Waikoloa Beach Resort 69-550 Waikoloa Beach Drive Waikoloa, HI 96738
July 4	Kailua-Kona Independence Day Celebration An annual event featuring live music, games, children's activities and the traditional parade—starting at 5:30 PM along Ali'i Drivel with the Hawai'i County Band, floats, antique cars and more plus a fireworks display over Kailua Bay at 8:15 PM. www.konaparades.com <i>From 5:00 PM until 10:00 PM</i>	808 327-3606 Coconut Grove Shopping Center 75-5795 Ali'i Drive Kailua-Kona, HI 96740 bkossow@co.hawaii.hi.us
July 4	Turtle Independence Day Held purposefully every year on July 4th, this different event educates people about endangered Hawaiian green sea turtles. Watch as the young honu (turtles), which have grown up in the ponds at the Mauna Lani Resort, are given their freedom as they are released back into the ocean.	808 885-6622 Mauna Lani Resort 68-1400 Mauna Lani Drive Kohala Coast, HI 96743
July 9 to 10	Big Island Hawaiian Music Festival Enjoy authentic Hawaiian music—including ukulele, slack key and steel guitar—and falsetto singing at this always popular two-day event featuring artists from around Hawai'i. At the Hilo Civic Auditorium. www.ehcc.org <i>From 12:00 PM until 6:00 PM, Daily</i>	808 935-9085 Hilo Civic Auditorium 799 Pi'ilani Street Hilo, HI 96720
July 25 to 29	Hawaiian International Billfish Tournament This year marks the 52nd Anniversary of this storied fishing tournament, in which teams from Hawai'i, the U.S. and around the world compete for five days to catch prized Pacific blue marlin and win the coveted HIBT's Governor's Trophy (no cash prizes are given). Most marlin caught are tagged and released to promote conservation. www.hibtffishing.com <i>From 7:00 AM until 4:00 PM, Daily</i>	808 836-3422 Kailua Bay in Kona, and King Kamehameha Kona Beach Hotel 75-5660 Palani Road Kailua-Kona, HI 96740
July 30	Healing Garden and Mango Festival The delicious mango takes center stage with tastings, recipes, tree sales and other mango-themed activities at this festival; also featuring cultural healing arts displays, presentations, natural products, green services, eco fashion show, healthy food, Hawaiian music, etc. Free. www.hawaiihealthguide.com/healinggarden <i>From 10:00 AM until 5:00 PM</i>	808 638-0888 Outrigger Keauhou Beach Resort 78-6740 Ali'i Drive Kailua-Kona, HI 96740
August 13 to 14	Establishment Day Hawaiiana Festival The annual cultural festival held at the Pu'ukoholā Heiau National Historical Site. This event features a royal court procession and hula early Saturday morning and arts, crafts and cultural exhibits throughout the weekend. PNHP is located about a mile south of Kawaihae on the Kohala Coast. www.nps.gov/puhe	808 882-7218 Pu'ukoholā Heiau National Historical Site Kohala, HI 96755

Visit: www.gohawaii.com/calendar (to locate additional events)
HVCB's event information is subject to change without notice.

HA'ILONO: *Bringing of News*

COUNTY OF HAWAII : APRIL

	2010		2011		% Change	
	Month	YTD	Month	YTD	Month	YTD
BUILDING PERMITS						
Total value of building permits authorized (\$1,000)	29,503	136,123	25,314	100,405	-14.2	-26.2
Total number of building permits authorized	255	1,023	260	906	2.0	-11.4
Valuation of private projects (\$1,000)	21,091	120,586	15,498	82,180	-26.5	-31.8
Number of private projects authorized	243	988	248	881	2.1	-10.8
Valuation of public projects (\$1,000)	8,412	15,537	9,816	18,225	16.7	17.3
Number of public projects authorized	12	35	12	25	-	-28.6
Total new housing authorizations - Units	57	660	42	185	-26.3	-72.0
New single-family units authorized	57	220	38	181	-33.3	-17.7
New multi-family units authorized**	-	-	-	-	-	-
TOURISM						
Number of domestic visitor arrivals	80,154	314,217	84,377	353,208	5.3	12.4
Number of international visitor arrivals	22,150	103,430	20,379	103,002	-8.0	-0.4
Number of cruise ship arrivals	26,892	86,582	26,321	94,277	-2.1	8.9
Hotel/Condominium Resort Occupancy (%)						
Hawai'i County average	54.6*	56.7*	54.6	63.1	-	6.4
Kohala coast	60.5	56.5	56.6	63.3	-3.9	6.8
LABOR FORCE						
Civilian labor force	82,550	83,150	83,000	83,225	0.5	0.1
Number of unemployed	7,850	8,163	7,450	7,738	-5.1	-5.2
Unemployment rate	9.5	9.8	8.9	9.3		
Total employed	74,750	75,000	75,550	75,488	1.1	0.7
Total wage & salary jobs ***	59,800	59,725	60,300	60,400	0.8	1.1
Leisure & Hospitality Services	12,550	12,413	12,200	12,450	-2.8	0.3
Accommodation & Food Services	10,850	10,725	10,500	10,750	-3.2	0.2
Trade, Transportation, Utilities	12,800	12,825	12,600	12,600	-1.6	-1.8
Wholesale Trade	1,500	1,513	1,700	1,650	13.3	9.1
Retail Trade	8,650	8,700	8,400	8,475	-2.9	-2.6
Government	12,750	12,713	12,500	12,575	-2.0	-1.1
Education and Health Services	7,600	7,588	7,800	7,725	2.6	1.8
Natural Resources, Mining & Construction	3,300	3,375	3,000	2,975	-9.1	-11.9
Manufacturing	1,300	1,313	1,100	1,150	-15.4	-12.4
Finance & Insurance	1,100	1,100	1,100	1,075	-	-2.3
TRANSPORTATION						
Gasoline consumption (1,000 gals.)	5,882	22,229	9,218	27,745	56.7	24.8
TAX COLLECTIONS (\$1,000)						
	29,133	100,138	(Not Available)	(Not Available)	(Not Available)	(Not Available)
CONSUMER PRICE INDEX (Honolulu, all items)						
(1982-84=100) (1st = 233.822) (2d = 235.916)		234.869				
POPULATION (April 1, 2010)						
		185,079				

*Revised

**Duplex & apartment units

***Total wage & salary jobs incl. Multiple jobholders & excl. non-agric. Self-employed, unpaid family workers, domestics

Visit: www.co.hawaii.hi.us/info/stats.html (to access earlier statistics from January 2001 through March 2011)

The County of Hawai'i is an Equal Opportunity Provider and Employer



County of Hawai'i

www.co.hawaii.hi.us

Dept. of Research & Development

25 Aupuni Street, Suite 1301

Hilo, HI 96720-4252

Tel. 808 961-8366

Fax 808 935-1205

www.hawaiicountyrandd.net

R&D Library

Information Resources Program

www.hawaiicountyrandd.net/information

June 2011