



Hawaiian Electric Company

**N E W S • R E L E A S E**

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**FOR IMMEDIATE RELEASE**

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## **Hawaiian Electric seeks biofuels for Kahe Power Plant**

(Honolulu, Hawaii) -- Hawaiian Electric Company today began a search for sustainably produced, renewable biofuel for the Kahe Power Plant in Leeward Oahu. The request for proposals seeks up to 42 million gallons a year, beginning as early as mid-2014.

Hawaiian Electric encourages biofuels from feedstocks originating in Hawaii. Bidders may propose a combination of local biofuel and feedstock or biofuel originating outside Hawaii. Multiple contracts may be awarded and potential suppliers who can not supply the full 42 million gallons per year may propose lesser volumes.

The RFP calls for suppliers to provide biocrude, fuel from organic or waste material that can be blended with low-sulfur fuel oil for use in generators designed to be fueled by LSFO. Hawaiian Electric will consider biofuels made from varieties of feedstock if the proposed biocrude meets the requested specification.

“We continue to promote a local agricultural energy industry in Hawaii as we convert as much of our generation as possible to sustainable, renewable green fuels,” said Robbie Alm, Hawaiian Electric executive vice president. “Biofuel, locally produced to the greatest extent possible, is an important part of Hawaii’s clean energy future, along with energy from the sun, wind, ocean, waste-to-energy, hydro and geothermal.”

Earlier this year, Hawaiian Electric successfully tested biocrude in an oil-fired steam turbine generator at Kahe Power Plant, the first time a utility-scale steam unit was operated at full capacity with only biofuel. The successful test also showed emissions of closely regulated and monitored gases and substances were less than emissions from corresponding operations with fossil fuel. Kahe Power Plant is the largest generating station in Hawaii with six oil-fired generators with a capacity of 650 megawatts.

As with all fuel and power purchase agreements, the final negotiated contracts will be submitted for review and approval by the Hawaii State Public Utilities Commission. The deadline for the biofuel proposals is July 29, 2011 with the goal of submitting contracts for approval in 2012.

Prospective bidders will find more information at <http://biofuelsupply.heco.com>. All biofuel provided to any Hawaiian Electric company must conform to environmental guidelines for the sustainable use of biofuels developed by Hawaiian Electric Company

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in partnership with the Natural Resources Defense Council. In addition, the Hawaii Biofuels Foundation is currently developing guidelines for sustainable production of local biofuels in partnership with the Roundtable on Sustainable Biofuels.

Hawaiian Electric is currently evaluating proposals from a previous Biofuel RFP to provide biodiesel for use at Campbell Industrial Park Generating Station. The deadline for those proposals was March 15, 2011.

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