CONSUMER Lines

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Sun Power for Schools supports renewable energy!

Across the state the *Sun Power for Schools* program is expanding, gradually increasing the use of renewable energy.

In November 2007, we reported that 26 schools in Hawaii had received free, photovoltaic solar electric or solar lighting systems. Since then, two more solar electric systems have been installed at schools on Maui and one on the Big Island. On Oahu plans are in the works for another system to be installed later this year, bringing the total to 30.

In addition to demonstrating the viability of solar energy technology, these systems either provide small amounts of electricity for the schools' use or provide outdoor security lighting and, along with a curriculum made available to teachers, provide the opportunity to educate students about solar energy.

For more details about the *Sun Power for Schools* installations, visit Hawaiian Electric's website, **www.heco.com** and click on "Renewable Energy." You will find data from most of the installations on the amount of solar energy collected and the electrical output of the system throughout the day.

Sun Power for Schools is a three-way partnership among the State of Hawaii Department of Education and its schools, Hawaiian Electric and its subsidiary utilities, and members of the community.

By completing the enclosed enrollment card and becoming either a one-time or monthly contributor, you can help install more photovoltaic systems at our schools. That means more renewable energy and less dependence on fossil fuels.

Enroll in *Sun Power for Schools* today! For more information, call us at **543-7511**.

These photovoltaic panels atop Waianae Intermediate School are part of a two-kilowatt solar electric system installed in December 2006, through the *Sun Power for Schools* program.

Prevent power outages... *Hold on to your balloons!*

They're shiny and colorful, but metal foil balloons and metallic ribbons are a safety hazard when they come into contact with energized electrical lines and cause a power outage. To help prevent this from happening, here are a few tips:

- Always attach a weight to the ribbon or string to keep the balloon from floating away and don't remove the weight until the balloon has been deflated.
- Avoid tying balloons together in a cluster.
- Never release metallic balloons into the sky.
- Never use metallic ribbons with helium-filled balloons.
- Deflate balloons properly before disposal.
- Consider giving a floral, ribbon, candy, or money lei; a green plant; framed photo; inspirational book; hand-made card; homemade baked goods; or gift certificates.

If you see a balloon in a power line, call HECO at **548-7961** to report it.

Produced for customers of: Hawaiian Electric Company • Maui Electric Company • Hawaii Electric Light Company
Consumer Lines • P.O. Box 2750 • Honolulu, HI 96840 • Phone: 543-5670 • http://www.heco.com

What is the price of electricity on Oahu?

To help our customers understand the price of electricity, following is a chart that provides the average price paid in cents per kilowatt-hour (kWh) in 2007, by each category of customers.

Rate Schedule	Avg. cents per kWh
Residential	20.52
"P" Large Power Use Business	15.95
"J" Medium Power Use Business	17.72
"G" Smaller Power Use Business	21.44
"H" Commercial Cooking, Heating, Air Conditioning, and Refrigeration	17.63
"F" Street and Park Lighting	18.36

These figures are derived by dividing the total revenue by the total kWh sold for each category during the year.

Rates are not the same for all categories of customers because the rates are based on the cost of serving each category. It costs more on a cost per kilowatt-hour basis to serve residential and small business customers than it does to serve business customers consuming large amounts of electricity.

The cost of electricity in Hawaii is higher than on the U.S. mainland for a number of reasons. For one, the electrical systems on each island are independent. Unlike on the mainland, there are no neighboring utility companies from which to draw power in the event of a problem with the generation or distribution systems. That means we must have reserve generating capacity and multiple distribution routes.

Additionally, our state's remote location adds to the cost of doing business. And in 2007, higher fuel costs and a rate increase implemented in the fall also caused the average cost per kilowatt-hour to increase.

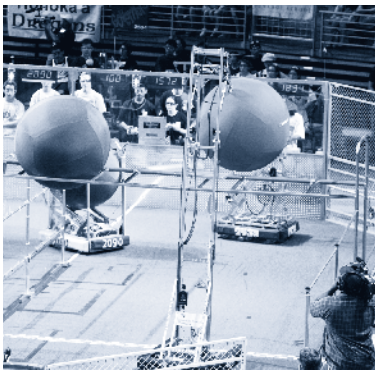
Robots compete in *FIRST* Overdrive

Congratulations to the participants in the *FIRST* Robotics Regional Competition in Hawaii, held March 27 to 29, at the University of Hawaii.

High school teams from across the nation, including 25 Hawaii schools, convened to prove their robots' skills at accomplishing predetermined tasks. Teams from Honokaa, McKinley, Radford, Waiakea, and Waialua high schools, as well as Sacred Hearts Academy also went on to represent Hawaii in the National Championships in Atlanta, Georgia.

The *FIRST* Robotics competitions encourage high school students to pursue careers in engineering and technology. Using a standard kit of parts, teams construct robots that must be able to mobilize to solve a common problem–therein lies the competitive game.

The game played at regional events across the nation this year is *FIRST* Overdrive. In this competition robots speed their way around a track while trying to herd and toss gigantic 40-inch-diameter balls at least 6½ feet into the air.



Hawaiian Electric is proud to be a major sponsor of the event, contributing to the development of practical science and technology among high school students.

Bill payment help for low-income households

During June the state's Low Income Home Energy Assistance Program (LIHEAP) will be accepting applications from individuals with household incomes and assets below a certain level who want to apply for a one-time credit on their electric bill to help pay for heating or cooling their home.

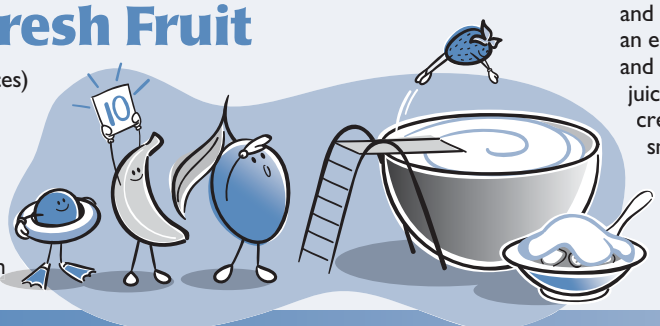
To apply you must present your most recent, original electric bill (no copies) to one of the following Honolulu Community Action Program (HCAP) offices during the period **June 2 through June 30**. HCAP will determine whether you qualify.

HCAP Central.....488-6834
HCAP Kalihi/Palama 847-0804
HCAP Leahi.....732-7755
HCAP Waianae 696-4261
HCAP Windward.....239-5754

RECIPE OF THE MONTH

Lilikoi (Passion Fruit) Cream with Fresh Fruit

1 package (8 ounces) cream cheese, softened
1/2 cup sugar
1/2 cup frozen lilikoi juice, thawed
1 cup heavy cream



Cut assorted fresh fruit like mango, banana, melons, kiwi, strawberries, and blueberries. In a large bowl of an electric mixer, beat cream cheese and 1/4 cup of the sugar. Add lilikoi juice and beat until smooth and creamy; chill for 20 minutes. In a small bowl of an electric mixer, beat cream; add remaining 1/4 cup sugar and beat until stiff peaks form. Fold into lilikoi mixture. Spoon mixture over fruit. Recipe makes 6 servings.