

Spring 2023

Kaua'i Island Utility Cooperative

Currents

KIUC's EV Team Takes Charge



Inside:

*NEW! Keiki Zone
Earth Day in Lydgate Park*



Aloha Island Team



KAREN L. AGUDONG, REALTOR(B)

RB-17447

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HALELANI VILLAGE

Beautifully maintained 2 bed, 2 full bath condominium at Halelani Village. Upstairs location along the back Rim facing stunning Mountain Views. Gorgeous Bamboo flooring in the Living Room. This beautiful condo comes with a split AC in the Living Room and Master Bedroom. Sale is contingent on seller finding and closing on a replacement property. Call: Karen L. Agudong, REALTOR(B) (808) 652-0677.



KAHA LANI #122-OCEANFRONT

Breathtaking OCEAN FRONT GROUND FLOOR 2 bedroom, 2 bathroom condominium. 2 outdoor lanais with up close and stunning views of the ocean. Fully furnished. Located minutes to Kapaa, Lihue and approximately 15 min. to the airport, yet away from the bustle of the traffic. Next door to Lydgate Beach Park and a tranquil path along the ocean. Ocean front Living with a Million Dollar view! Property is a highly active vacation rental through the on-site management program with Castle Resorts. \$1,275,000(fs). Call: Karen L. Agudong, REALTOR BROKER (808) 652-0677.



SOLD

131 ALEO ROAD – 2 HOMES IN WAILUA HOMESTEADS!

3 Bedroom Home with ADDITIONAL / Separate 1 Bedroom 1 Bath Home, backing up to a beautiful wooded area. Beautiful high cedar ceilings. Low maintenance vinyl flooring and large picture windows. 2 electric meters, 2 water meters and on septic! Purchase is subject to court confirmation of probate sale. Sold As is. Seller will credit \$15k at closing toward new roof. \$1,190,000(fs). Call: Karen L. Agudong, REALTOR(B) (808) 652-0677.



UNDER CONTRACT

6506-A KIPAPA ROAD- HOUSE AND GUEST HOUSE ON 1.5 ACRES

House and Guest House on 1.5 acres! 3 bedroom home with a beautiful and very private back yard. High ceilings and large picture windows. Includes a separate Guest house of approximately 500 sf, separated by trees and surrounded by lush greenery in the back. \$1,100,000(fs). Tenants have a lease through September 2023. Call: Karen L. Agudong, REALTOR(B) (808) 652-0677.



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Looking to sell your home? Inventory is low and buyers are looking to purchase property. Please contact Karen for a FREE comparative market analysis of your property.

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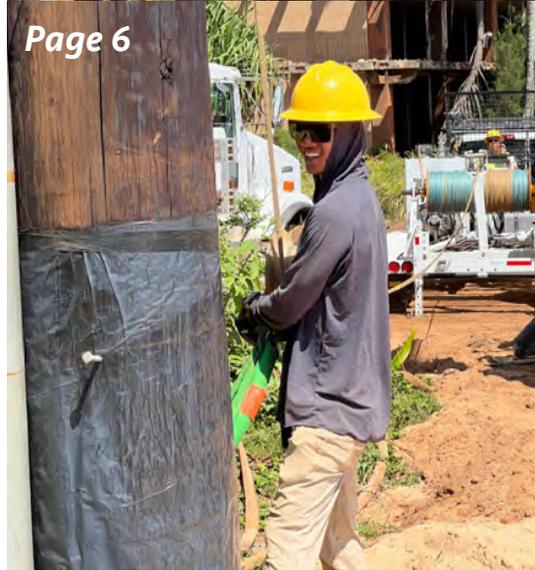
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ON THE COVER

KIUC's Jonah Knapp, left, and Kyle Cremer check out new Level 2 chargers at the Hana Kukui Building in Lihu'e.

Save postage, get your Currents online

Currents is mailed quarterly to members of Kaua'i Island Utility Cooperative. This issue and back issues also are available online at www.kiuc.coop.

If you would like to help the cooperative save paper and postage, you can receive Currents via email or simply read it on our website. Just send a note to currents@kiuc.coop and we will take you off the mailing list.

We're also open to story ideas, letters and suggestions. And we're always looking for new recipes. Thank you for reading Currents.



Only active KIUC members will be mailed KIUC Currents. KIUC Currents can be found online at www.kiuc.coop under News and Currents.

KIUC is an equal opportunity provider and employer.

Chairman's Message

A Roadmap to 100% Renewable

KIUC's strategic plan serves as a roadmap of where we want to go as a cooperative. Our last strategic plan, adopted in 2017, required an evaluation to best understand the strengths and weaknesses of our cooperative.

The previous plan set goals to be accomplished by 2030, which was considered a reasonable timeframe. We are proud to say that most of the goals stated in that plan have been achieved *nine years ahead of schedule!* As a result, the board of directors decided to update the original plan. Last September, we welcomed comments from our members to be considered for inclusion in the update.

The board approved the revised strategic plan January 17. The updated plan provides clarity, direction and focus to ensure we are doing the right thing. I'm excited to say the update establishes a 100% renewable target by 2033, along with goals addressing energy costs, reliability and resiliency.

As a cooperative that just celebrated its 20th anniversary, we've accomplished more than we imagined when first formed. Thank you for continuing to support us and helping KIUC become a global leader in the utility sector.

The approved plan is online and available for members to read at www.kiuc.coop/strategic-plan.

Mahalo nui loa,
Allan A. Smith



2023 KIUC Board of Directors Election Results

Incumbent directors Dee Crowell, Jim Mayfield and Allan A. Smith have been re-elected to the KIUC Board of Directors. These three directors will each serve for a 3-year term ending March 2026.

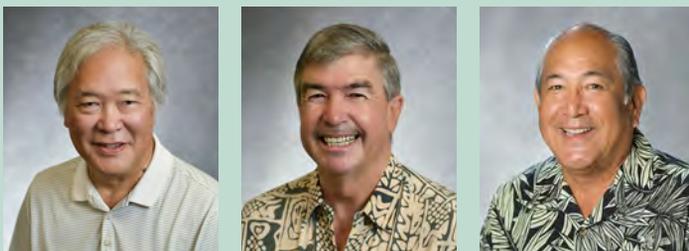
Merriman River Group submitted the official results for the 2023 Board of Directors Election. The results are:

Allan A. Smith	3,049
Dee Crowell	2,865
Jim Mayfield	2,817
Kim Lord	1,713
Vianne Tabata	1,680

KIUC mailed 26,952 ballots and received 4,503 responses with a 16.7% turnout.

Merriman River Group, a Connecticut-based election management firm conducted the election.

The re-elected board members will be inaugurated on March 27 at the Annual Meeting of the Board of Directors.



Board Actions

Below is a summary of some of the actions taken by the KIUC Board of Directors from November 2022 to February 2023.

November 22, 2022

Motion carried, Policy 9 investments.

Motion carried, Policy 11 patronage capital allocation and retirement.

Motion carried, KIUC biodiesel fuel contact.

Motion carried, Resolution 04-22, 2023 ROO budget.

Motion carried, Resolution 05-22, 2023 capital budget.

Motion carried, Resolution 06-22, pension resolution updated signatures.

December 15, 2022

Motion carried, Resolution 07-22, rate case application.

January 26, 2023

Motion carried, KIUC discussion strategic plan update 2023-2033. Revised with member input.

Motion carried, Resolution 01-23.

Motion carried, RUS Form 674.

Motion carried, RUS Form 675.

Motion carried, board approval request form for attorney invoices over CEO approval limit.

February 23, 2023

Motion carried, budget variance request on HCP.

Motion carried, 2022 corporate performance results.

Motion carried, 2023 corporate performance targets.

Motion carried, approval of decision to allow staff to file legal challenges if appropriate.



If you see a white truck on the side of the road, look up! You may see one of our lineworkers in the bucket working while 40 feet in the air.

In addition to being available every day of the year, at all hours and in severe weather conditions, lineworkers must maintain constant vigilance to be safe working near high-voltage power lines. What's it like from their point of view?

In honor of Lineworker Appreciation Day on Tuesday, April 18, East Side apprentices Brandon Leong and Josh Kahananui were happy to shine a light on their perspectives.

Brandon says he applied to be an electrician apprentice because, as a local high school graduate, it offered him an alternate path to joining the military and was more affordable than going to college. After graduation, he applied for an electrician apprenticeship and joined the International Brotherhood of Electrical Workers 1186 Hawai'i local union. He completed a five-year apprenticeship and got his journeyman's license as an electrician.

Linework offered him stability and an opportunity to understand "how the whole system of power works from the plant to the places it distributes power to," he says.

Josh was interested in becoming a lineworker after working in commercial settings.

"Not only because of the critical work they do in the field, but also because of how their work greatly impacts a community,"

he says. "Lineworkers play a crucial role in keeping the county running smoothly."

In addition to a sense of purpose and learning new skills, both apprentices say their favorite part of the job is the feeling of 'ohana they have with their crew.

"We're a young crew that gets along well on a day-to-day basis," Brandon says. "We do our jobs as a solid unit and watch out for each other."

Josh agrees.

"It's nice to have a group of guys who are more than happy to give back and teach me what they've learned throughout their careers," he says. "Everyone is here to help better the person next to them and is always looking out for each other, both on and off the clock. It's a great environment to be in. I appreciate it every day."

As Kaua'i residents, there are ways all of us can show our gratitude to these hardworking lineworkers. "Please remember, when you come across a line crew working, drive slowly and be aware of your surroundings," Josh says. "Also, please be patient with us. Our goal is to restore power as quickly as possible, but our priority is to do it as safely as possible, so when our job is done and your lights are on, we may return home and get back to what's most important to us."

Thank you to all our lineworkers! We appreciate everything you do to provide our beautiful home of Kaua'i with power. 🌞

Join the KIUC 'Ohana

By Jan TenBruggencate, Board of Directors

Our electric cooperative, with 145 job slots, is almost always recruiting new employees. Whether you're just starting a career or looking for a change, we might have what you are seeking.

"There's a lot of opportunity due to retirements and movement," says Lisa Ubay, manager of human resources and safety.

Fourteen people recently retired from KIUC. Some of those positions are open for new employees. In some cases, existing employees stepped up into those vacancies and their original positions became open slots. That's not an unusual situation. At any given time, the company has several vacant positions.

Lisa says the utility is almost always recruiting for power plant positions, the people who run the electrical grid; and lineworkers, who keep the distribution system functioning.

Most of those jobs have apprenticeship programs, so new workers do not need specialized experience to apply. They can learn the job on the job. A helper apprentice can start at more than \$30 an hour, with pay increases every six months as they gain experience. An apprentice lineworker can start at more than \$37 an hour. These are union jobs.

There often are open positions for college-graduate engineers, both electrical and mechanical. But there are many other kinds of positions at KIUC as well, including finance, administration, human resources, safety and maintenance. At press time, the co-op is recruiting for three specialized positions in different areas:

- ❖ **Primary troubleperson.** Responds to calls from our customers and performs other kinds of technical work. This position requires at least three years' experience as a lineperson. The employee must obtain and/or possess a commercial driver's license.
- ❖ **Real property and regulatory administrator.** Manages utility easements and rights of entry and helps prepare regulatory filings for various agencies. This job requires experience in legal, regulatory and real estate matters.
- ❖ **Safety resource coordinator.** Is responsible for the overall administration of safety, accident/incident and training programs. Ensures KIUC complies with government standards and regulations. The job requires five years' experience in utility relating to health and safety, environmental and insurance administration.

Some of our employment candidates are asked to take standardized aptitude and skills tests. These tests are run for us by Edison Electric Institute. Learn more and take practice tests here: www.kiuc.coop/testing.



Human Resources team from left: Lisa Ubay, Julie Morioka, Pia Gregorio, Tane Oriol.

Thanks to our committed staff, KIUC has become a leader in the state of Hawai'i in the following ways:

- ❖ We have the best system reliability, which is measured as the lowest number of outage hours per customer.
- ❖ We have the highest amount of renewable electricity generation on our grid, and we are on track to reach 100% renewable by 2033.
- ❖ For much of 2022 and into the beginning of 2023, we have the lowest residential electricity rates.

Much of this is due to being an electric cooperative.

The utility's interests are aligned with those of the power consumers because we are owned by the community we serve.

Please consider joining the KIUC 'ohana. It's a fine place to work and is a company to be proud of. Our employees are key to our successes, and we depend on our talented and dedicated staff to power Kaua'i. We offer a meaningful work environment, career development, competitive pay and a comprehensive benefits package.

Check regularly to see a full list of available positions on KIUC's website, www.kiuc.coop/careers.

For apprenticeships and other opportunities not listed on the website, contact the human resources department at www.kiuc.coop/form/human-resources. 🌐



YWCA Pays It Forward

By Allison Young

In 2012, YWCA was a recipient of KIUC’s Rural Economic Development Loan & Grant Program from the U.S. Department of Agriculture. This is a 10-year, 0% interest loan for nonprofit community organizations. In 2022, YWCA made its final payment. Executive Director Renaé Hamilton-Cambeilh has been with the YWCA for 25 years in various positions. She shared with us how YWCA used the funds to further its work on the island.

Q: Aloha, Renaé. Please tell us the history of YWCA on Kaua’i and its mission.

The YWCA was founded by Elsie Wilcox on Kaua’i in 1921, originally to

help women who did not have opportunities outside the home. In the 101 years since then, the scope of the YWCA has greatly evolved. We have 45 to 50 people on our staff, which

includes 24-hour crisis counselors, therapists and prevention educators.

Our current mission is to eliminate racism, empower women and promote peace, justice, freedom and dignity for all. We are really trying to increase our efforts in the racial justice, LGBTQ, population immigrants and all of the very vulnerable voices that are not as loud or heard from as often.

We have a three-pronged approach to end domestic and gender-based violence:

1. Victim support. This includes crisis interventions, providing shelter and counseling to survivors.

YWCA HOTLINE

If you are in immediate danger, call 911.

24-Hour Hotline for Domestic Violence and Sexual Assault:

808.245.6362

Web Chat and Text Support Services:

Available Monday through Friday, 10 a.m. to 10 p.m. HST

<https://ywcakauai.org/chat> or Text 808.245.6362



YWCA staff attend a 2021 Stop Asian Hate rally.

Q: How did YWCA use the KIUC REDLG loan?

We really appreciate the loan from KIUC. The 0% loan was amazing for us as a nonprofit. We used the loan to purchase our building—originally a credit union—on Rice Street, and completely refurbish and remodel it to become our Women’s Center, where many of our programs are based. We’ve always seen the Women’s Center as a community space. We have a meeting room for community groups. People can walk in during our operating times; we always have someone at the front desk.

Q: How does domestic violence affect people on Kaua’i?

Since we’re on an island and in a rural community, we have limited resources. The YWCA is the only provider of 24-hour crisis/violence help on island. During the pandemic, we were considered essential services. It was a challenge trying to keep a 24-hour facility and a community house healthy. There was an increase in domestic violence, people were home, and there were other tensions and stressors in that environment. The close-knit community is often supportive, but if people don’t believe victims, it can also make it hard for them to get help.

Q: Who can get help from YWCA? Do you only serve women?

There are always some misconceptions about domestic violence and sexual assault. It’s not something people want to talk about until they need to. We have had men and boys in our shelter, too. We serve all survivors of domestic violence and sexual assault, regardless of sexual orientation, gender identity or sex. YWCA of Kaua’i serves all, proudly.

For our prevention education programs, we send educators to 16 schools around the island. They’ve been invited back year after year.

KIUC’s REVOLVING LOAN FUND

The KIUC Revolving Loan Fund provides opportunities for both not-for-profit and for-profit entities on Kaua’i to obtain loans at lower-than-base-rate interest. The primary goal of this program is to build and maintain jobs, diversify Kaua’i’s economy, and upgrade the public infrastructure when conventional financing is insufficient, unavailable or unfeasible. Applications are received year-round and reviewed by committee.

Q: What is the story behind your beautiful mural?

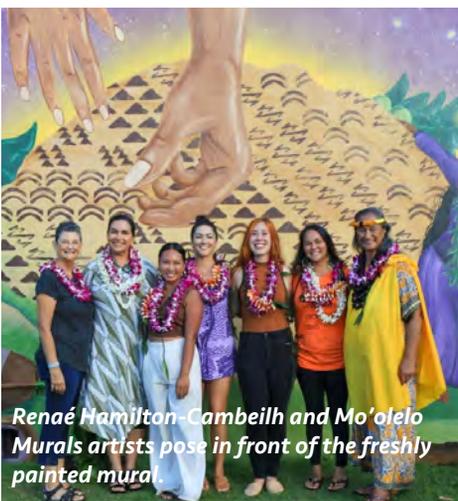
We worked with the Hawaiian organization Mo’olelo Murals. The main concept of the mural is inspiration. The artists and board of directors and staff wanted to create a mural any young girl or woman could find themselves in. Hopefully it can assist people impacted by domestic violence or sexual assault in their healing process—knowing that there is hope and support out there and a community behind them. Knowing their own power, potential and infinite possibility.

This article was also informed by Assistant Director Mia Carroll and Shelter Director Emma White. To learn more about the YWCA’s programs and upcoming events, visit <https://ywcakauai.org>.

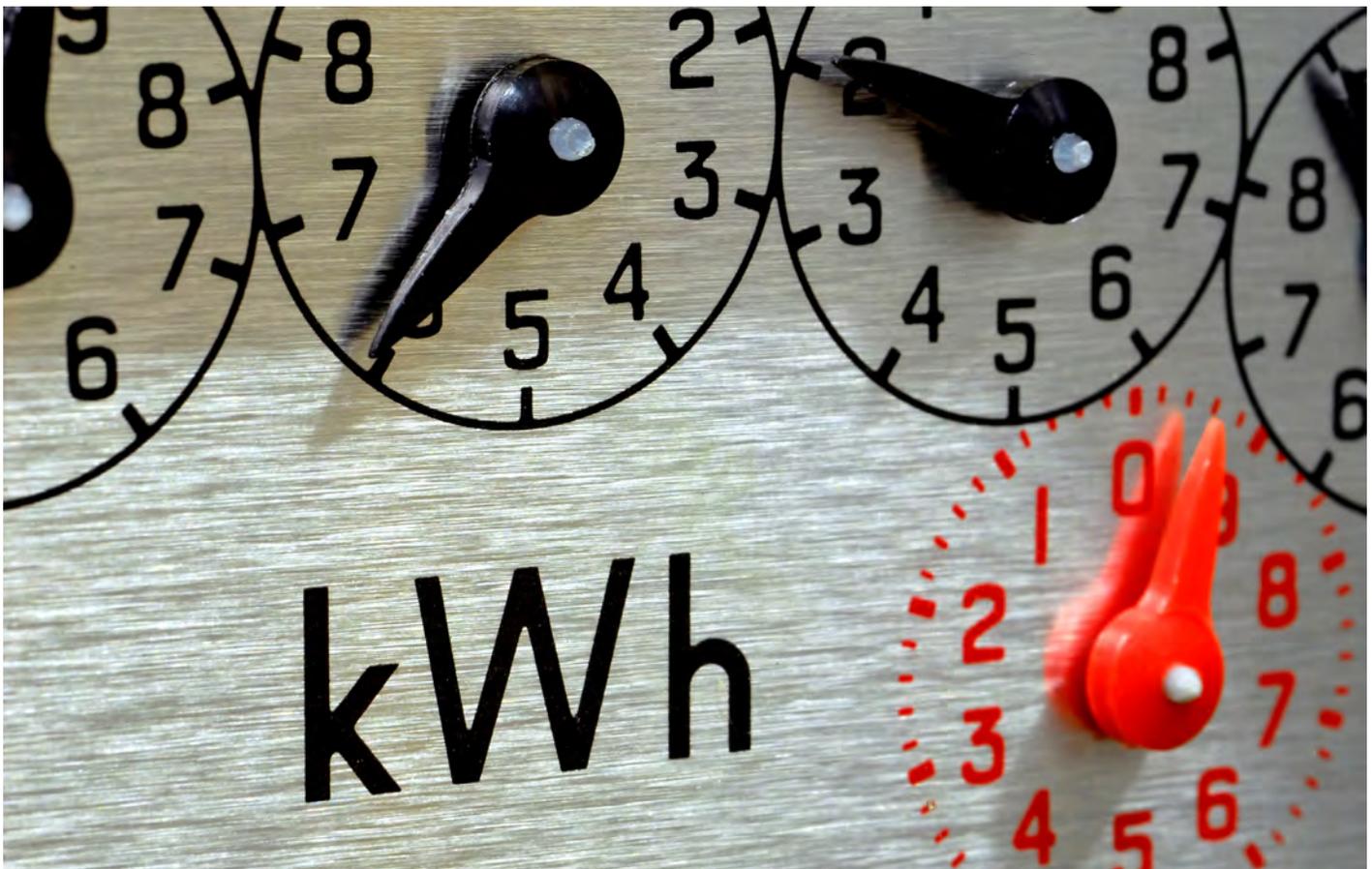
The Family Violence Shelter accepts year-round donations. To view its wish list, visit ywcakauai.org/get-involved/donation-wish-list.

Mo’olelo Murals is a program through Kamāwaelualani with a mission to preserve and perpetuate mo’olelo of Kaua’i’s places and people. For more information, visit <https://www.kamawaelualani.org>.

2. Prevention. This includes prevention education in schools, financial empowerment, racial justice work and LGBTQ awareness.
3. Treatment and counseling for batterers and sex offenders so they are less likely to reabuse.



Renaé Hamilton-Cambeilh and Mo’olelo Murals artists pose in front of the freshly painted mural.



KIUC Requests Rate Increase

By Beth Amaro

For the second time in its 20-year history, Kaua'i Island Utility Cooperative has asked the Hawai'i Public Utilities Commission for a rate increase. This increase is designed to provide the cooperative with an approximate 9.42% increase in its electric revenues.

For the average residential customer using 500 kilowatt hours a month, the increase would be roughly \$19 a month. The rate increase is subject to approval by the PUC. Any increase is not expected to affect member bills until the second half of 2023 at the earliest.

"There's never a good time to increase rates," says David Bissell, KIUC's president and CEO. "However, since our last base rate increase in 2010, growth in electricity sales has lagged far behind inflation, so an adjustment is necessary."

While KIUC has experienced a 5% increase in electricity sales the past 12 years, inflation has cumulatively increased by 37% during this period, as measured by the Consumer Price Index.

"The gap in sales growth versus inflation is no longer sustainable," David says.

He notes that necessary investment in utility infrastructure, operational cost increases and significant costs associated with developing a habitat conservation plan for endangered species will reduce annual margins to a level that would no longer be compliant with lender covenants.

Spread out over the 12-year period since the last increase, the proposed adjustment is the equivalent of less than 1% per year.

"We've worked hard to keep our cost increases at or below the level of inflation," David says. "Our cost-control efforts included restructuring debt, reducing employee head count, and reducing the amount of diesel used and replacing it with fixed-price renewable generation."

More information on the rate case, which was filed with the PUC in December 2022, can be found on KIUC's website, www.kiuc.coop/ratecase.

Members wishing to stay up to date on KIUC news, including information on the rate case, are encouraged to sign up for email notifications at www.kiuc.coop/stayconnected. 📧

Federal Dollars Boost Resiliency Efforts

By Beth Amaro

Kaua'i's north shore is a lush tropical paradise. Spectacular scenery abounds in the remote far northern reaches of Kaua'i. Living there full-time requires resiliency—and patience.

“The communities of Wainiha and Hā’ena experience higher-than-average outages,” says Brad Rockwell, KIUC’s chief of operations. “On top of that, when outages occur, weather and road closures can make it difficult or impossible for our troubleshooters to respond quickly.”

The wetter-than-average north shore climate—the Princeville rain gauge records roughly double the amount of rainfall of Lihue in an average year—not only creates taller, denser trees but also wreaks havoc on electric equipment. Trees on lines and equipment failures are the two highest contributing factors to electrical outages on the north shore.

“We do our best to keep up with vegetation management and equipment replacement, but it’s a continual challenge,” Brad says. “In addition to short-term fixes, we’ve identified a number of capital projects that, when complete, should significantly improve reliability on the north shore.”

Projects that would create redundant transmission capability—a feature of Kaua'i’s grid present almost everywhere else on Kaua'i—are in planning and permitting phases. The projects will total tens of millions of dollars.

“We’re moving these projects forward to get them shovel-ready, but they are huge in terms of scope and cost,” says David Bissell, KIUC’s president and CEO. “We’re actively seeking federal grant

funding to reduce the financial burden for our members on these critical projects.”

In early 2022, the office of U.S. Sen. Brian Schatz reached out and encouraged KIUC to submit a proposal for congressionally directed spending, otherwise known as earmarks. David challenged his team to come up with a project that could provide a boost to north shore reliability.

“Building on our success with solar and battery storage, we developed a proposal to use batteries at our north shore substations to provide a short-term energy bridge until our crews can restore outages in these remote areas,” Brad says.

A few months after the proposal was submitted, KIUC was awarded a \$1 million grant, to match \$1.5 million invested by the cooperative.

“The earmark funding we secured will mean families in Kaua'i’s north shore will have more stable, reliable power—even during severe weather events,” says Sen. Schatz, a member of the Senate Appropriations Committee.

The grant award became official March 1, 2023. The project is expected to be completed in early 2025.

“This is just a first step in a multi-pronged effort to address north shore resiliency,” David says. “We appreciate the support of all of our elected officials in supporting grant requests, tax incentives and other policies that have enabled us to record the highest percentage of renewables, with the lowest rates and best reliability in the state.” 🌱





Volunteers from KIUC and AES staff the booth at the Waimea Town Celebration.

Staying Connected in West Kaua'i

By Beth Amaro

Community events are coming back, and KIUC team members are enthusiastic about getting out to interact with our members.

There was no better place to start than the Waimea Town Celebration, held February 18-25. WTC brings thousands of people out for numerous events during an entire week. KIUC was excited to have a booth on Friday and Saturday, where we could have fun—energy trivia was a hit!—and answer members' questions.

Because we were in Waimea, the West Kaua'i Energy Project was a frequently discussed topic. Many members expressed support for the project and asked when it would be operational. Others had questions about things they have heard from friends or in the news. Now that we know what's on members' minds, we can address some frequently asked questions.

What's the status of the project?

WKEP reached an important milestone in 2022 when the Finding of No Significant Impact (FONSI) was issued for

the final Environmental Assessment (FEA) submitted in early December 2022. The FEA was a 3,600-page document encompassing nearly 10 years of study, public outreach and collaboration with county, state and federal agencies. With the FONSI, work on land agreements and numerous required permits can move forward.

However, in February a legal challenge to the FONSI was filed, temporarily halting many of the next steps. KIUC and its development partner AES remain committed to the project, and hope that even with delays the project will become operational by late 2026.

How does WKEP work?

WKEP will be the first pumped storage hydro facility coupled with solar+storage technology in the world. Using an enclosed pipe (i.e., penstock) between Mānā Reservoir and Pu'u 'Ōpae Reservoir, water will be pumped uphill during the day using solar and be released at night—and other non-solar periods—to create energy at a 20-megawatt hydro power house to be built to Mānā Reservoir.

Water from four tributaries in Kōke'e will be diverted at an allocation approved by the Commission on Water Resources Management in the Waimea Mediation Agreement. It will recharge the system, keep Pu'u Lua Reservoir filled, and provide water for additional hydro at Pu'u 'Ōpae Reservoir and for irrigation on Department of Hawaiian Home Land lands at Pu'u 'Ōpae and Agribusiness Development Corporation lands surrounding Mānā Reservoir.

How will the project benefit the west side?

The project will benefit all members of KIUC. By bringing Kaua'i to more than 80% renewable, we will reduce fossil fuel use by 8 million gallons per year, while creating no noise or air pollution. The fixed-price contract with AES will stabilize electric rates, saving members an estimated \$20 a month when compared to the current cost of diesel. The project will rehabilitate the legacy Koke'e Ditch irrigation system—returning more water to streams, repairing and upgrading Pu'u Lua, Pu'u 'Ōpae and Mānā reservoirs, and delivering water for agriculture on lands owned by the Department of Hawaiian Home Lands and the Agribusiness Development Corporation.

A full list of benefits and other information about WKEP can be found on KIUC's website: www.kiuc.coop/wkep.



Both kids and adults enjoyed spinning the wheel to learn more about the West Kaua'i Energy Project.

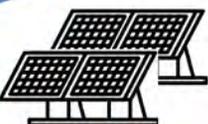


WKEP ENERGY PRODUCTION BASICS



4 
Mānā POWERHOUSE
Producing hydropower, renewable energy during the night via water traveling from Pu'u 'Ōpae reservoir to the Mānā Reservoir.

3
During the night and non-solar periods, water runs downhill to the Mānā Powerhouse, where it generates hydropower and then the water is stored in the Mānā Reservoir.

1 
MĀNĀ PV ARRAY
Produces solar energy to run the water pumps moving water from Mānā Reservoir to be stored in the Pu'u 'Ōpae Reservoir.

2
During the day, water is pumped up from Mānā Reservoir to be stored in the Pu'u 'Ōpae Reservoir using solar power generated by the Mānā PV Array.

BESS
Battery Energy Storage System
Storing solar energy as a back-up renewable power source for cloudy days.



west kaua'i energy project

DID YOU KNOW

IN ADDITION TO CREATING OPPORTUNITIES FOR RENEWABLE ENERGY PRODUCTION, THE WEST KAUA'I ENERGY PROJECT WILL DELIVER WATER FOR IRRIGATION SO MORE AGRICULTURAL LANDS CAN BE USED ON THE WEST SIDE OF KAUA'I. LEARN MORE ABOUT THE VARIOUS ASPECTS OF THE PROJECT AT WWW.KIUC.COOP/WKEP

In a home fire,
can your family
safely escape in
just 2 minutes?



**Home fires claim 7 lives every day,
but together we can help change it!**



Kauai's Red Cross is offering
free home fire safety
information and smoke alarm
installations **March 1st - May 31st**

Join our national movement and pledge to keep your family safe against home fires.

**Use the QR Code below to make your Sound the Alarm
appointment or call 808.245.4919**



For information on becoming a volunteer for this or other opportunities, please contact:

808-284-6849
OR scan the QR code now to apply



Only You Can Prevent Electrical Fires

By Scott Sato, Member Services;
and Jacob Minei, Kaua'i Fire Department
Prevention Firefighter

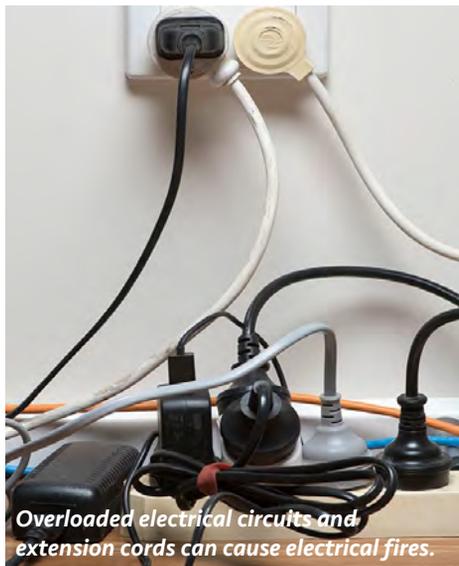


Kaua'i Fire Department Chief Michael Gibson.

Smokey Bear once said, "Only you can prevent forest fires." But when you're at home, there are also ways you can prevent electrical fires.

May is National Electrical Safety Month. As an electric cooperative, we want our members to be safe in their homes.

"Electrical-related fires continue to be one of the major causes of residential fires," says Kaua'i Fire Chief Michael Gibson.



Overloaded electrical circuits and extension cords can cause electrical fires.

Here are some ways you can prevent electrical fires at home:

- ❖ Never leave cooking unattended. Cooking fires can happen instantly. Keep the area tidy and neat.
- ❖ Don't run the dishwasher when you're out of the house or asleep.
- ❖ For light fixtures, only use the recommended bulb wattage.
- ❖ Don't overload electrical circuits with multiple appliances.
- ❖ Unplug unused electrical appliances, especially heated appliances, such as space heaters. Inspect appliance wires regularly.
- ❖ Monitor lithium-ion batteries when charging. Check for signs of swelling, damage or overheating. Follow the manufacturer's instructions on proper charging techniques.
- ❖ Reduce extension cord use. Don't use extension cords as permanent wiring.
- ❖ Upgrade your home's electrical system. Outdated wiring can cause electrical fires.

You can also practice home fire protection and evacuation:

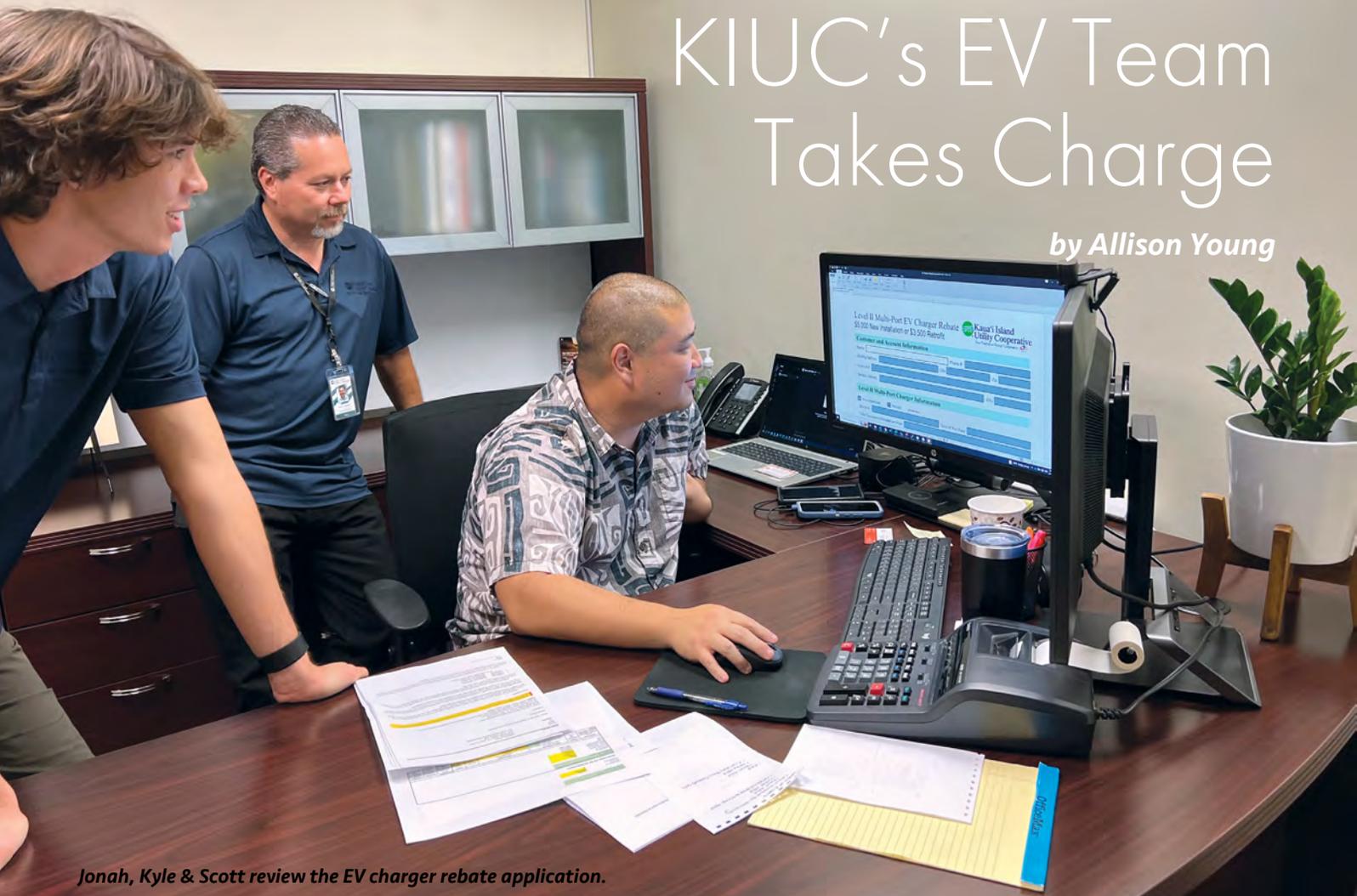
- ❖ Keep a working fire extinguisher in your home. Know how to use it, and teach family members how to use it, too.
- ❖ Make sure your smoke detectors and alarms are working. Change your batteries twice a year. The Red Cross provides free smoke alarm installations to residents for its Sound the Alarm campaign. See the following page for details.
- ❖ In case of a fire, get everyone out of the house and call 911.

"Many of the main or contributing factors are that the home occupants are trying to utilize more electricity than the home was designed for," Michael says. "Please, always have all electrical work done by a qualified electrician."

The National Fire Protection Association provides free resources with additional tips and checklists. Visit www.NFPA.org.

KIUC's EV Team Takes Charge

by Allison Young



Jonah, Kyle & Scott review the EV charger rebate application.

Commercial Accounts, are you ready for EVs?

You can get a rebate for a Level II Multi-Port EV Charger.

\$5,000 for new installation or \$3,500 to retrofit your existing charging stations.



For more information, contact our Commercial Energy Services Specialist at 808.246.4300.



KIUC is an equal opportunity employer and provider.

KIUC's electric vehicle team is hitting the gas accelerator to meet demand for new infrastructure to support the growing influx of EVs on island.

According to the Hawai'i Department of Business, Economic Development & Tourism, there are at least 681 EVs registered in Kaua'i County. That number is expected to grow rapidly every year as drivers take advantage of incentives from the government, and car manufacturers release new, exciting models.

Kyle Cremer, commercial energy services specialist; and Jonah Knapp, staff engineer; are the dedicated duo working hard behind the scenes to help plan and develop Kaua'i's charging infrastructure.

The idea for an EV team was born a few years ago while Kyle was working with commercial members.

"I started receiving a lot of questions from business owners about future EV growth on island and the best ways to accommodate them," he says.

The team offers free EV charger site evaluations to commercial members. At these visits, they assess the proposed location and make recommendations regarding

EV CHARGER EDUCATION

LEVEL 1



- 120 volts
- Runs avg. 1 kW
- Avg. One Hour 2-5 miles of range
- 40-50 hours to charge EV
- Home owner pays for usage
- Inexpensive

LEVEL 2



- 208/240 volts
- Runs avg. 7 kW-19 kW
- Avg. One Hour 10-20 miles of range
- 4-10 hours to charge EV
- Electrician needed
- Possible payment option

LEVEL 3



- 480 volts
- Runs avg. 50kW-350kW
- Avg. 180-240 miles of range
- 20 min-1 hour to charge EV
- Electrician needed
- Possible payment option



potential costs savings for the site owner. Part of this is determining if the existing service transformer—a device that reduces voltage so it can provide power for services—can meet the added load from the EV charger, or if it needs to be upgraded. The cost of trenching an underground line varies depending on the distance from the transformer to the nearest meter.

In addition to the free site evaluations, KIUC recently added a new rebate program. Commercial members can receive a \$5,000 rebate for the installation of Level II multiport chargers. This rebate can be combined with the \$4,500 Hawai'i Energy rebate for a total of \$9,500 in rebates. Rebates are also offered to retrofit existing charging stations.

Recently, Ching Young Village Shopping Center sought an evaluation from the EV team.

"We've been wanting to install an EV charging station here," says Larry Harper, general manager. "When we learned of the KIUC rebate program, we requested a site visit. Kyle and Jonah

were very thorough in answering any questions that we had and provided us with all of the information needed to move forward with the EV charging station vendor."

While KIUC assists with the logistics of where and how public EV chargers are installed, ultimately the number of chargers on island depends on landowners. KIUC is working to ensure the electrical grid can support the additional load with renewable energy



Jonah & Kyle visit possible EV charger sites.

via planned projects, such as the West Kaua'i Energy Project, which will supply 25% of the island's energy needs and bring the island to more than 80% renewable.

"As EV adoption picks up, we eventually expect to see an increase in our peak demand," Jonah says. "Part of the challenge with an increase in EVs is ensuring that the additional load doesn't negatively impact our grid. At KIUC, we're continuing to look into ways we can efficiently support the added load of EV chargers, while still meeting our goals of becoming 100% renewable in the near future."

KauaiEV President Sonja Kass says having chargers strategically placed will help accelerate the inevitable transition to clean transportation on Kaua'i.

"This means having them where the need exists, particularly places that will support residents who don't have access to home charging and visitors who can benefit from rental EVs," she says.

To learn more about KIUC's rebates, eligibility requirements and EV resources, visit www.kiuc.coop/ev or call 808.246.4300. Kaua'i residents interested in buying their first EV or connecting with other EV owners can visit <http://kauaiev.org>.



Full STEAM Ahead: Education and Outreach on Kaua'i and Beyond

By Allison Young

As a cooperative, it is one of our core principles to educate and inform our members about our work. KIUC receives numerous requests to educate the island's residents about our energy grid; careers in science, technology, engineering, arts and math (STEAM); and renewable energy projects, such as the West Kaua'i Energy Project.

In addition to educating people about the technical side of what we do, we also inform residents about how they can be active members of our cooperative.

With community partners Kaua'i Community Science Center and AES Corp., we're back in full force post-

pandemic and expanding our outreach activities. You can often find us tabling at local events, giving presentations to nonprofit organizations and teaching classes to all ages.

Some of the many events in which we recently participated include:

- ❖ Science on the Lawn at Waimea High.
- ❖ Science fair at Kaua'i High.
- ❖ Career Days at Kalāheo Elementary, Kōloa Elementary, King Kaumali'i Elementary and Island School.
- ❖ Mentoring Le Jardin Academy students.



- ❖ Holiday light parades in Līhu'e and Waimea.
- ❖ Field trips with Hawai'i Technical Charter, Island School and Okinawa Prefecture officials.
- ❖ STEAM fairs by Girl Scouts, St. Theresa, Wilcox Elementary and Ele'ele Elementary.
- ❖ Student art calendar contest.
- ❖ Bowl for Kids' Sake for Big Brothers Big Sisters.
- ❖ Keynote speech at the Kaua'i Filipino Chamber annual meeting.
- ❖ Tables at Kaua'i Chamber of Commerce and Waimea Town Celebration.
- ❖ Forums with Zero Waste Kaua'i, Masonry Contractors Association of Hawai'i and Kaua'i Board of Realtors.
- ❖ Guest speakers at Contractors' Association of Kaua'i.

Our staff feels rewarded by interacting with our members and seeing faces light up with learning. As a recognized global leader in renewable energy

production, we occasionally receive requests from groups outside of Kaua'i or even outside the United States. We hope our members feel a sense of pride in our cooperative.

Former Kaua'i resident Alana Taniguchi and her daughter, Elis—a student at Le Jardin Academy on O'ahu—personally thanked Engineering Manager Cameron Kruse for mentoring students via Zoom on pumped storage hydropower technology, which inspired the group's project for the First Lego League Championship. The students won first place for innovation.

"The kids were so stoked on it," Alana said. "Thank you for your input. It really does help get the next generation excited about thinking creatively on energy solutions. Having folks like you working on these kinds of real-life projects as a resource is great."

To ask KIUC to give a presentation or attend your event, email info@kiuc.coop or call 808.246.4300. 🌱



Denim on Denim Day

Participants at the 2022 Denim Day Proclamation with the Mayor, Governor's Liaison and County Council members at County Rotunda.

Wear your denim Wednesday, April 26, for National Denim Day!



Denim Day falls on the last Wednesday in April, which is Sexual Assault Awareness Month. The Zonta Club of Kaua'i selected "Denim on Denim" as its theme for this year's Denim Day. Denim Day is a call to action for all people to show a visible sign of solidarity against sexual violence and victim-blaming by wearing denim.

The history of Denim Day stems from a 1999 ruling by Italian Supreme Court justices who overturned a rape conviction because the teenage victim was wearing tight jeans and therefore must have implied consent. Women of the Italian Parliament protested the decision by wearing jeans to work.

"2015 was the first time our club participated in Denim Day," says Zonta Club President Edie Ignacio Neumiller. "Mayor Derek Kawakami and former Mayor Bernard Carvalho Jr. presented us with a National Denim Day Proclamation. Each year since, Zonta members have led a virtual campaign through social media by tagging posts with #DenimDay and wearing denim with a purpose to support survivors and to educate others about sexual assault. We're hoping to expand it and have more people participate."

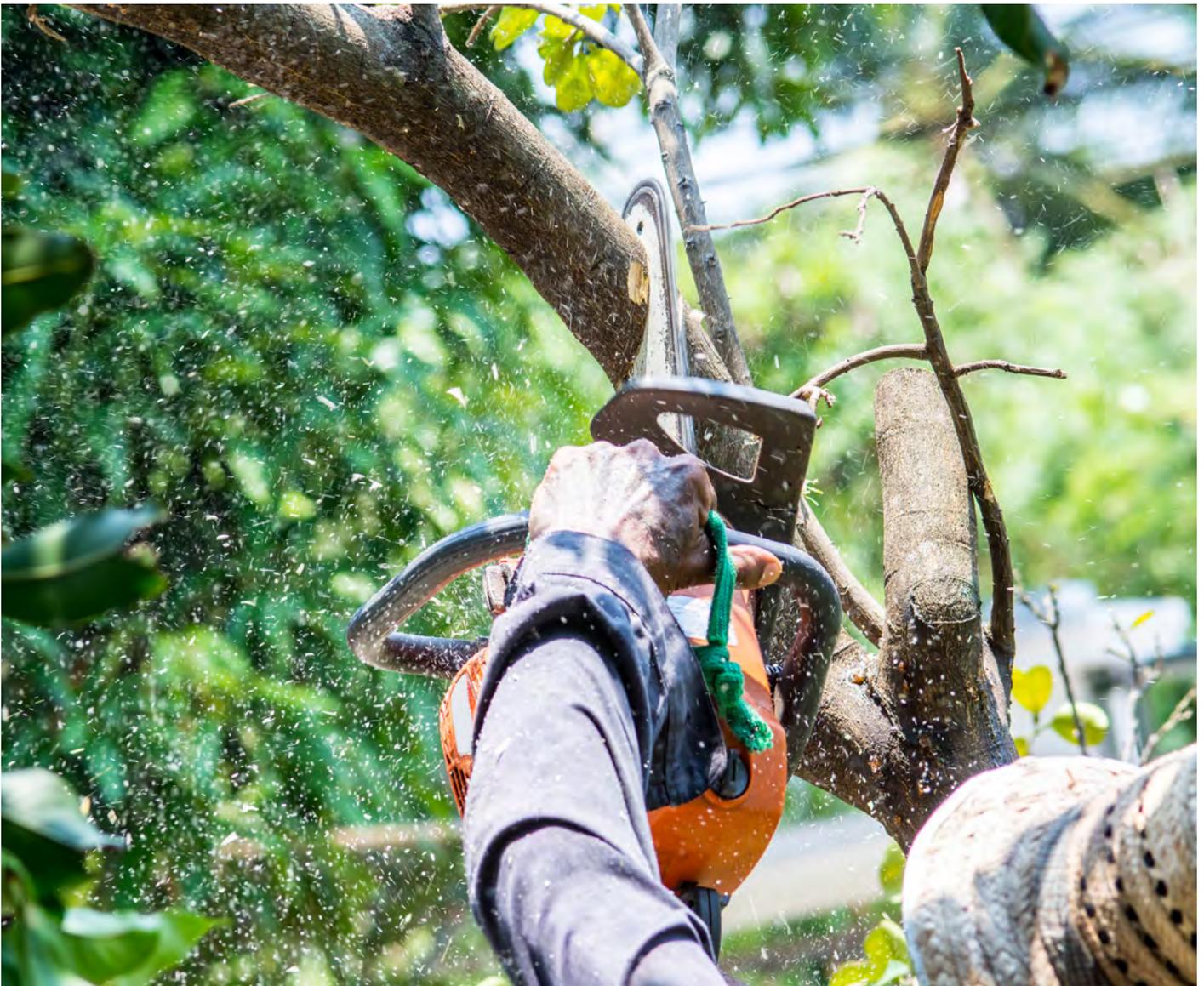
To participate, wear as much denim as possible. Start with denim jeans then add more denim items, such as a jacket, vest, hat or shoes.

The Zonta Club of Kaua'i, established in 1952, is a club that empowers women and girls worldwide through service and advocacy. It has a rich history of supporting our community through the Christmas Fund, scholarships, service and advocacy. For more information on how to get involved, visit www.zonta-kauai.org.



- ❖ Nearly one in five women in a national survey say they have been raped.
- ❖ Nearly one in 10 women has been raped by an intimate partner.
- ❖ Seven out of 10 rapes are committed by someone who knew the victim.
- ❖ 82% of sexual assaults committed by a friend or acquaintance are not reported to the police.
- ❖ Out of 1,000 rapes, 994 perpetrators will walk free.

Sources: Centers for Disease Control and Prevention, Rape, Abuse & Incest National Network and U.S. Department of Justice



Tree Trimming Prevents Outages

Lush vegetation grows rapidly on our beautiful Garden Island. If not managed consistently, overgrown trees can cause outages and become a safety hazard.

We use data gathered via our outage management system to pinpoint the hotspots where tree-related outages happen to target our tree-trimming activities. Some areas experience more outages due to overgrowth than others, especially remote areas, such as Hā'ena, Lāwa'i or Kōke'e.

When falling trees result in downed power lines, stray voltages and arcs—discharges of electricity—can cause serious injury or death to those within the vicinity. Always assume downed power lines are energized. Keep

clear, and report the situation to KIUC or the Kaua'i Police Department.

KIUC bears the responsibility for vegetation management, which is costly and labor-intensive. We budget roughly \$1.5 million annually for contracted tree-trimming services. We have up to four full-time crews focused on tree trimming. Line crews also trim trees when their schedules allow.

As a property owner, you can help.

- ❖ Before planting trees, the Hawaii One Call Center can help you avoid both overhead and underground utility lines. Call 811 or 866.423.7287.
- ❖ For safety reasons, contract with certified tree trimmers when branches are close to utility lines. ☼

Centering®
Healthcare
Institute

Growing with ur



HAWAI'I HEALTH SYSTEMS CORPORATION
KAUA'I REGION

E Pono Mau Loa ~ Always Excellent

Are you pregnant or know someone who is?

**HHSC Kaua'i Region introduces
a new program that brings women together.**



Kandi Bloss, RNC, BSN, IBCLC
Maternity Education Coordinator
Hawai'i Health Systems Corporation - Kaua'i Region
(808) 651-7898

Have you heard about group prenatal visits?

This prenatal care gives you more time with the provider, more education and you make friends with women going through pregnancy at the same time. It is called

CenteringPregnancy®.

It's upcoming and provides more comprehensive care.

What is CenteringPregnancy®?

CenteringPregnancy® brings 8-12 pregnant women who are due around the same time together for routine prenatal care. Each of the 10 visits is 90 minutes to two hours long—giving you 10 times as much time with your provider team.

Engage in your care
Learn to take your weight and blood pressure, one on one with your healthcare provider in private

Gain knowledge about health topics
related to pregnancy and birth during each visit

Develop relationships with other women
going through the same thing

**To learn more or
ask for a tour, call or email:**

Kandi Bloss RNC, BSN, IBCLC
phone: 808-651-7898

Email: kabloss@kauaihealthcare.org

Community!



"My doctor and nurse would lead the group on various topics, but it wasn't like a class: it was a discussion, a group of pregnant women together on a journey with health care providers investing in our wellbeing, our health, the health of our babies, and most importantly giving us a safe environment to learn the facts that would get us to our goals."
CenteringPregnancy® Mom

FAQs

How is my privacy protected in a group setting?

At the first group session, each person signs a confidentiality agreement and it is emphasized that particular concerns should not be discussed outside the group setting.

Patients can share as much or as little information as they want.

What is the cost of this type of care?

Your charges and/or copays for CenteringPregnancy® are the same as traditional care and are determined by your insurance coverage.

I am not sure I can leave my job for a two-hour appointment.

Centering group care is your healthcare visit. While two hours may seem like a long time for your prenatal visit, remember there is no waiting for your appointment to start – when you arrive you will go right to the Centering room to get started. There is no need to check out after or spend valuable time scheduling your next visit. You will receive a schedule of all your appointments ahead of time.

Groups are lively, interactive, focused on the topics that are most important to you, and FUN!

Childbirth Class Schedules

2023 Childbirth Class Schedule

Two Options for Classes:

Classes on Wednesday run four consecutive weeks from

April 5th-26th: 6pm-8pm

August 2nd-23rd: 6pm-8pm

November 28th-December 19th: 6pm-8pm

One Day ONLY Saturday Classes

June 17th: 9am-3:30pm

October 14th: 9am-3:30pm

Held on 2nd floor of The Clinic at Waimea

What will you learn?

- How to be healthy during your pregnancy
- Pregnancy warning-signs and preterm labor
- Pregnancy relaxation techniques and exercises
- What to expect in labor and delivery
- Variations in labor
- Role of your labor support person
- Medication options for pain
- Postpartum Care
- Newborn Care
- Breastfeeding

BRING YOUR PARTNER, WATER, & WEAR COMFY CLOTHES!

We also offer Breastfeeding support

This includes support as an inpatient at Kauai Veterans Memorial Hospital and

outpatient services at The Clinic at Waimea, The Specialty Clinic at Kalaheo and The Clinic at Port Allen



Where Are They Now?

Lacey Kalahiki Youth Tour 2009

By Allison Young



Youth Tour 2009: Natasha, Alyssa, Lacey and Dustin.

We talked story with Lacey Kalahiki, a 2009 Youth Tour alumna. Lacey grew up in Kapa'a, graduated from Kamehameha Schools Kapālama High School on O'ahu and received a degree in social services from University of Hawai'i at West O'ahu. She lives on the Big Island with her husband and sons, and works as an Investigator for Child Welfare Services. For fun, she enjoys traveling, napping and camping.

Q: Aloha, Lacey. What's your favorite memory from Youth Tour?

My favorite memory was at the Newseum. I can still picture walking into the exhibit of each state's front-page article of the attack on 9/11. It still gives me chills down my spine. I actually experienced that day—to think my children will be reading about it in a history book one day!

Q: Tell us about your path after graduation.

I lived in Waikiki and worked on getting my associates in liberal arts because I wasn't sure what career path I wanted to take. I worked at Payless Shoe Source in Waikiki, made my way up to store manager and transferred to the Kailua-Kona store in 2013. I've been on the Big Island ever since. I had the opportunity to be a stay-at-home mom in 2015, so I went back to school and earned my bachelor's degree in social



Lacey celebrating her 30th birthday.



Lacey in Las Vegas with her husband, Jeffrey Hirai, and sons Brixen, 6, and Daxton, 7.

sciences completely online through the University of Hawai'i at West O'ahu. I worked my way through case management positions, and in June 2020, I finally landed at my current job at Child Welfare Services as an investigator.

Q: What is it like being an investigator?

The most rewarding thing about my job is that I get to help children by placing them into safer and healthier homes. I can help connect families who are trying to make the best of what they have with knowledge, resources and support. It is also really rewarding to help families be reunified with their children.

The most challenging part is being the only Investigator covering the west side of Hawai'i Island. I struggle the most with having no control over when investigations are assigned to me. Time management is very important.

Q: What is most rewarding about being a mom?

I have two sons, Brixen and Daxton. The most rewarding thing about being a mom is seeing these boys flourish and absorb information about the world. They're always so happy, and it makes me appreciate the good things in life. They recently learned about the presidents and can name each one in order. They are so interested in U.S.

history, and if it wasn't for Youth Tour, I wouldn't have been able to experience the rich history our country has. I am looking forward to taking them to Washington, D.C., one day very soon.

Q: Do you have any advice for young people who aren't sure yet what they want to do?

Sometimes I wonder, what if I went to Alaska for air traffic control school, or the military or expanded my horizons to go to the mainland for college? Now it's difficult to leave my family to go to training on the mainland for weeks to gain the training for a different profession. The best advice I can give is to really be open to exploring your options and don't let distractions get in the way—totally easier said than done!

Q: Which one of KIUC's shared values most resonates with you?

Ho'ohiki, because I believe strongly in accountability. In any situation, blame can easily sneak itself into someone's heart, and being accountable and responsible for your own words and actions can truly show others how true and pure of a person you are. It is so important to own up to something you said or did, even if it was wrong. 🌟



Kansas/Hawai'i 2009 Youth Tour Group in front of Mt. Vernon.

Mediterranean Delights



Fennel Pomegranate Salad

- | | |
|--|--|
| 1 large fennel bulb, trimmed and thinly sliced | 2 tablespoons red wine vinegar |
| | 1 tablespoon honey |
| 2 oranges or grapefruit, peeled and segmented | 2 tablespoons orange or grapefruit juice |
| 1 pomegranate, seeded | Salt |
| ¼ cup pine nuts, toasted | Pepper |
| 4 tablespoons olive oil | |

Place olive oil, red wine vinegar, honey, fruit juice, salt and pepper in a jar. Cover and shake well. Place fennel and fruit segments in a large bowl with vinaigrette. Lightly toss. Top with pomegranate seeds and nuts.

Pasta Salad

- ½ red onion, chopped
- 1 box gemelli pasta, cooked to package instructions
- 1 pint cherry or grape tomatoes, quartered
- 1 large can sliced olives
- 1 can artichoke hearts, drained and chopped
- 1 yellow bell pepper, diced
- ½ bunch parsley, chopped
- 1 cup feta cheese, crumbled
- 1 bottle Italian dressing

Combine all ingredients in a large bowl. Toss with about half the bottle of dressing. Chill before serving.



Greek Salad

- | | |
|--|--------------------------|
| 1 cucumber, seeded and sliced about ¼-inch thick | <i>Vinaigrette:</i> |
| 1 red bell pepper, diced | 2 cloves garlic, minced |
| 1 yellow bell pepper, diced | 1 teaspoon dried oregano |
| 1 pint cherry or grape tomatoes, halved | ½ teaspoon Dijon mustard |
| ½ red onion, sliced in half-rounds | ¼ cup red wine vinegar |
| ½ pound feta cheese, diced into ½-inch pieces | 1 teaspoon salt |
| ½ cup kalamata olives, pitted | ½ teaspoon ground pepper |
| | ½ extra virgin olive oil |

Whisk together the garlic, oregano, mustard, vinegar, salt and pepper in a small bowl. Slowly add the olive oil to make an emulsion. Place the cucumber, bell peppers, tomatoes and onion in a large bowl. Pour vinaigrette over vegetables. Add the feta and olives to the bowl, and toss. Set aside for 30 minutes before serving.





Greek Lemon Rice

- | | |
|--------------------------------------|-----------------------------------|
| 2 cups long grain rice | 2 lemons, juiced and zested |
| 3 tablespoons extra-virgin olive oil | 2 cups chicken or vegetable broth |
| 1 yellow onion, chopped | Salt |
| 1 clove garlic, minced | 1 bunch parsley, chopped |
| ½ cup orzo pasta | 1 teaspoon dill |

Wash rice and soak for 20 minutes in cold water, then drain. Heat olive oil in a sauce pan. Saute onions for 3 to 4 minutes. Add garlic and orzo to pan until coated, then add rice. Add lemon juice and broth, and bring to a boil. Turn heat to low. Cover and cook for about 20 minutes. Stir in parsley, dill and lemon zest before serving.

Greek Meatballs

- | | |
|--------------------------|------------------------------|
| 1 pound ground beef | 1 sprig mint leaves, chopped |
| 1 pound ground pork | 1 tablespoon dried oregano |
| 1 cup breadcrumbs | 1 teaspoon salt |
| 2 eggs | ½ teaspoon pepper |
| ½ red onion, chopped | ¼ cup milk |
| 3 garlic cloves, minced | Olive oil |
| 1 bunch parsley, chopped | ½ cup flour |

In a mixing bowl, combine ground beef, pork, breadcrumbs, eggs, onion, garlic, parsley, mint, oregano, salt, pepper and milk. Shape mixture into 2-inch balls. Heat olive oil in a pan, and turn to medium high heat. Roll meatballs in flour, and place in pan. Cook on each side until no longer pink.



Tabbouleh

- | | |
|------------------------------|------------------------------|
| 2 bunches parsley, chopped | 1 clove garlic, minced |
| ⅓ cup chopped mint | ¼ teaspoon coriander |
| 1 cup cooked bulgur wheat | ¼ teaspoon cinnamon |
| 1 cucumber, diced | 3 tablespoons lemon juice |
| 2 tomatoes, cored and diced | ⅓ cup extra virgin olive oil |
| 1 bunch green onion, chopped | ½ teaspoon sea salt |

In a large bowl, whisk olive oil, lemon juice, garlic, salt, coriander and cinnamon. Toss parsley, cucumber, tomato, bulgur wheat, mint and scallions into bowl. Coat with dressing. Chill and serve.

Low Carbon foods are good for the planet by reducing greenhouse gas emissions.





Earth Day in Lydgate Park 2023

By Tommy A. Noyes

This Earth Day, Friends of Kamalani and Lydgate Park invite you to pitch in for our next community workday. There are suitable tasks for all abilities, and lunch is served to everyone. Volunteers and civic service organizations are urged to register for the Earth Day in Lydgate Park 2023 community workday, especially if they can recruit six or more volunteers.

"This event is distinctive," says dedicated volunteer Pat Griffin. "You'll see keiki working side by side with their parents and family picking up rubbish, people pedaling bicycles on Ke Ala Hele Makālae towing trailers to transport tools around the park, and volunteers who've been attending these events for many years schooling first-time participants."

Volunteers join from around the island and around the world. The group's events are typically supported by American Red Cross, Kaua'i Medical Reserve Corps, Surfrider Foundation, Zero Waste Kaua'i, The Home Depot, Macy's, Kaua'i High School Key Club, Kaua'i High School LEO Club, Rotary and Lions clubs and Disc Golf Kaua'i 'Ohana. The County of Kaua'i Department of Parks and Recreation expresses its support by procuring a roll-off container for the green waste collected during this major community workday.

Making civic service a family outing, Kyle, Valla and Othine help at the autumn community workday by painting Bynum Bridge in Lydgate Beach Park. Photo credits: Larry Lindsay

"We're bringing the community together once again to sustain the remarkable sense of park stewardship we've cultivated over the years," says Regina Floyd, social media coordinator. "These workdays lead to a more attractive Lydgate Beach Park for everyone to enjoy."

At a prior community workday, Mayor Derek Kawakami welcomed off-island volunteers.

"You could be anywhere in the world right now, but you're here with us," he said. "In Hawai'i, we call our special places wahi pana. The Friends of Kamalani built this playground for our keiki, and it's one of our treasures. You folks sharing your aloha means the world to us. Mahalo nui loa for your love and aloha. This island will always be a second home for you, so please come back."

The 2023 Earth Day community workday scheduled operations includes Kamalani Playground carpentry, litter and coastal marine debris patrols, disc golf course improvements, Hikina'akala Heiau groundskeeping and beach grooming at Morgan's Ponds.

One of the Friends' highly valued volunteers is Valerie Woods.



Tutu Puanani and brother No'eau rake up leaves as Kaie'ie gathers green waste at Morgan's Ponds.

"In the spirit of Earth Day and in compliance with park event guidelines, we are serving all our snacks and lunch on totally compostable containers and flatware," she says. "The culinary lineup includes morning snacks with refreshments, then we'll be preparing a delicious hot lunch with

a vegetarian option to the more than 200 volunteers we expect."

Friends of Kamalani and Lydgate Park operates in fiscal partnership with the YWCA of Kaua'i. For more information, contact Tommy A. Noyes, general coordinator, Friends of Kamalani and Lydgate Park at news@KauaiPath.org or 808.639.1018. 🌱



Saturday, April 22 Lydgate Beach Park

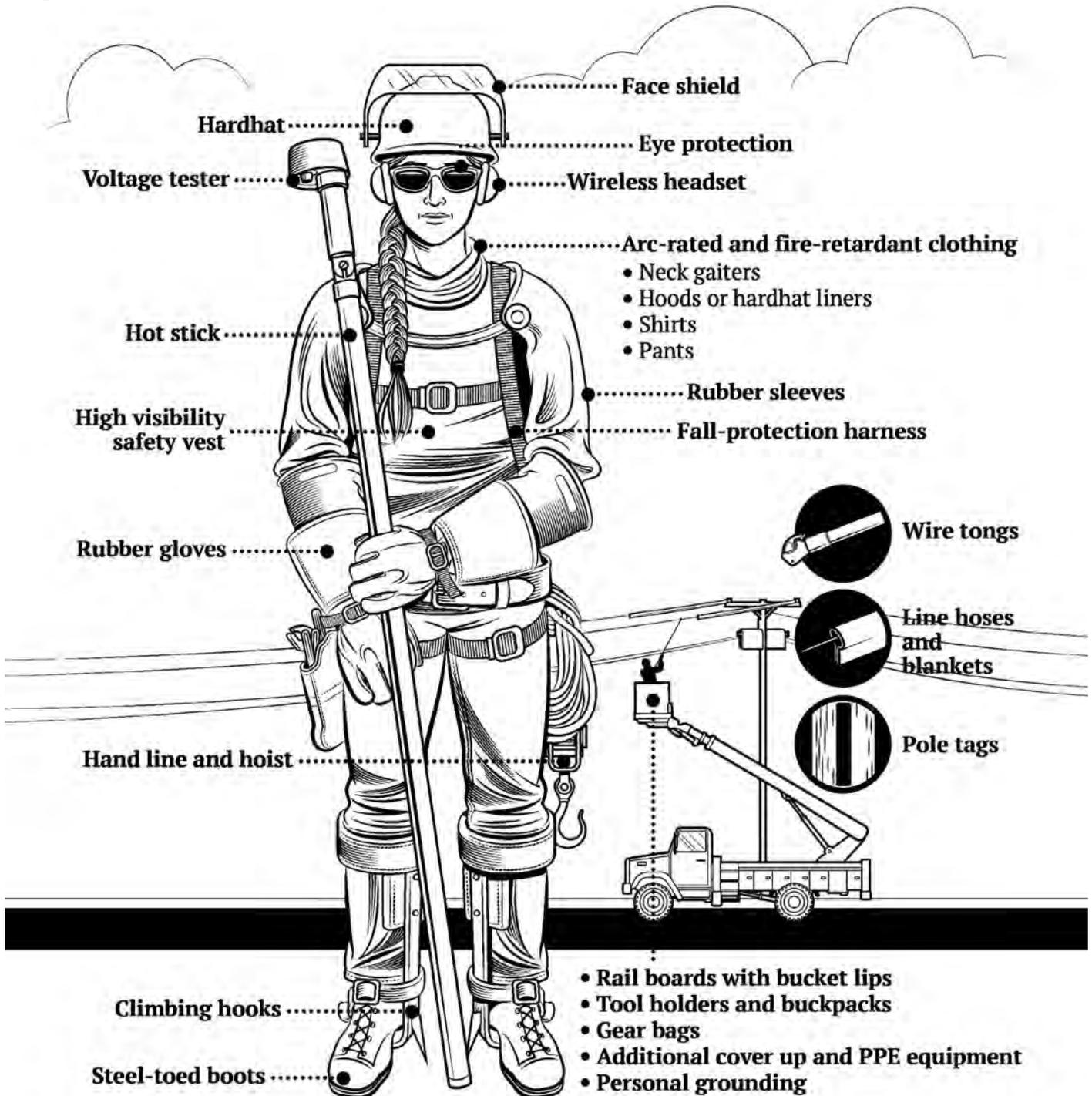
7:30 am check-in
at the Main Pavilion

To register, visit
www.kamalani.us or
[www.facebook.com/
FriendsOfKamalani](https://www.facebook.com/FriendsOfKamalani).



STAYING SAFE

Lineworkers have a dizzying array of gear they carry and wear to safely do their jobs. Some items, like climbing hooks and hot sticks, have been around since the early days of electricity, though they've been updated and improved over the years. Others, like wireless headsets and arc-rated clothing, are more modern innovations. Here's a comprehensive (though not exhaustive) look at the tools line crews use to stay safe.



Statement of Operations

For the period 01/01/2022 – 12/31/2022

Financial results for 2022 found KIUC kilowatt-hour sales are getting back to normal or pre-pandemic sales levels. KIUC experienced a rebound in KWh sales; unfortunately, like many businesses, this rebound comes after 2½ years of low sales.

KIUC is faced with additional hurdles as cost pressures on our electrical system continue to grow, as spurred by inflation and supply chain delays. With flat sales and increasing costs since our last rate increase in 2010, KIUC has filed with the Hawai'i Public Utility Commission an application to request a rate increase, which could take affect toward the end of 2023.

KIUC has continued to provide electric service to all areas of Kaua'i with more renewable generation sources providing more stable prices than any other island in Hawaii. It has been the mission of the KIUC team to reduce costs in various areas to operate efficiently and effectively, and continue to maintain a strong financial position. The cooperative's financial team continues to work closely with its lenders and regulators to mitigate the financial effects of the coronavirus pandemic.

Revenues, expenses and net margins totaled \$174.8 million, \$171.6 million and \$3.2 million respectively, for the period ending December 31, 2022.

The cost of power generation is the largest expense for KIUC, totaling \$104.7 million or 60% of revenues. Commodities, which are fuel and purchased power costs, are the largest component of power generation, totaling \$91 million or 52% of revenues.

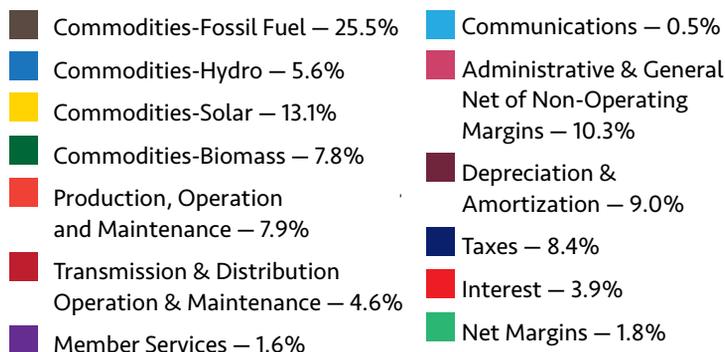
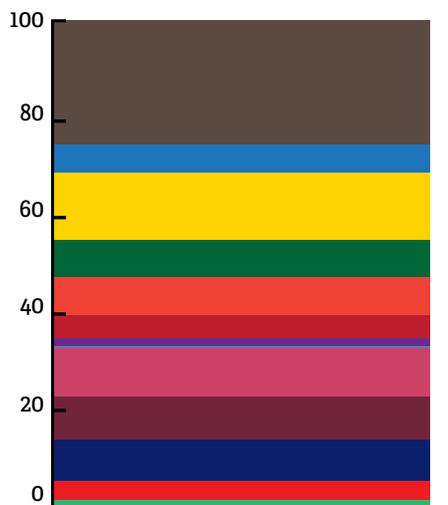
Fossil fuel is the largest component of commodities, totaling \$44.6 million or 25.5% of revenues. Other commodities include hydropower, totaling \$9.9 million or 5.6% of revenues; solar power, totaling \$22.9 million or 13.1% of revenues; and biomass power, totaling \$13.6 million or 7.8% of revenues. The remaining \$13.7 million or 7.9% of revenues represents the cost of operating and maintaining the generating units.

The cost of operating and maintaining the electric lines totaled \$8.1 million or 4.6% of total revenues. The cost of servicing our members totaled \$2.7 million or 1.5% of revenues. The cost of keeping our members informed totaled \$0.9 million or 0.5% of

revenues. Administrative and general costs, which include legislative and regulatory expenses, engineering, executive, human resources, safety and facilities, information services, financial and corporate services, and board of director expenses, totaled \$18.9 million or 10.8% of revenues.

Being capital intensive, depreciation and amortization of the utility plant costs \$15.7 million or 9.0% of revenues. Although not subject to federal income taxes, state and local taxes amounted to \$14.7 million or 8.4% of revenues. Interest on long-term debt, at a favorable sub-5% interest rate, totals \$6.8 million or 3.9% of revenues. Nonoperating net margins added \$0.8 million to overall net margins. Revenues less total expenses equal margins of \$3.2 million or 1.8% of revenues. Margins are allocated to consumer members and paid when appropriate. 🌐

PERCENTAGE OF TOTAL REVENUE



KIUC Board of Directors

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Vice Chairman: Jan TenBruggencate

Treasurer: Peter Yukimura

1st Assistant Treasurer: Jim Mayfield

2nd Assistant Treasurer: Janet Kass

Secretary: Cal Murashige

1st Assistant Secretary: Phil Tacbian

2nd Assistant Secretary: Dee Crowell

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Chairman: Jan TenBruggencate

Members: Cal Murashige, Allan A. Smith,
Peter Yukimura

Finance & Audit

Chairman: Peter Yukimura

Members: Janet Kass, Karissa Jonas,
Jim Mayfield, Cal Murashige, Allan A. Smith

Government Relations/Legislative Affairs

Chairman: Phil Tacbian

Members: David Bissell, David Iha,
Jan TenBruggencate, Peter Yukimura

International

Chairman: David Iha

Members: Dee Crowell, Allan A. Smith,
Phil Tacbian, Peter Yukimura

Member Relations

Chairman: Dee Crowell

Members: Cal Murashige, Allan A. Smith,
Phil Tacbian

Policy

Chairman: Janet Kass

Members: Dee Crowell, Laurel Loo, Cal Murashige,
Phil Tacbian, Jan TenBruggencate

Strategic Planning

Chairman: Jim Mayfield

Members: David Bissell, Dee Crowell, David Iha,
Janet Kass, Allan A. Smith



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HI-130



Residential Rebate

SPLIT A/C



- ❖ \$250 rebate for >8,000 BTU to <20,000 BTU with SEER rating of 18 or higher.
- ❖ \$350 rebate for ≥20,000 BTU with SEER rating of 18 or higher.
- ❖ Residential customers only.
- ❖ Must provide approved County permit of installation.
- ❖ Rebate will be credited to member's account within 3 to 6 weeks from the date approved.
- ❖ Subject to minimum 300 kWh of electricity consumption per month for preceding 12 months prior to rebate submission.

This residential incentive program is designed to encourage members to replace less efficient cooling and ventilation systems and replace them with new, energy-efficient models. Qualifying rebates will be credited to your account within 3-6 weeks from the date approved. New construction does not qualify.

*For more information,
visit www.kiuc.coop or call 808.246.4300.*

