

Winter 2023

Kaua'i Island Utility Cooperative *Curren*s

Lighting Parades and
Leading the Way



Inside:
EV Charger Rebate
Recycling Lithium Batteries

Aloha Island Team



KAREN L. AGUDONG, REALTOR(B)

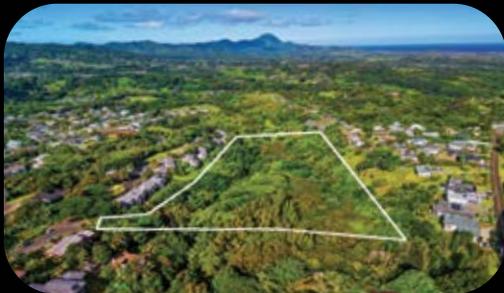
RB-17447

808-652-0677 • email: karen@alohaisland.com



4266-A PILIMAI STREET, LIHUE (PIKAKE SUBDIVISION)

Elegant single level home located in the Pikake Subdivision with Golf course frontage and mountain views. 3 bedrooms, 2 baths PLUS a Separate (attached) private Guest Suite area with kitchenette and bath. Some refer to this breathtaking home as the 'Glass House' because of the large panoramic glass doors opening to the golf course views letting outdoor living in. This quality Custom built home will take your breath away the moment you walk in. \$2,500,000(fs).



IKENA PLACE, KALAHEO

Lush 12+ acre parcel of land located at the end of Ikena Place on the south side in Kalaheo with water meter. Check with county agencies regarding density and potential of property. \$1,050,000(fs).



4568 KULI ROAD, KALAHEO

Fixer property with lots of potential! Very spacious two story home in Lawai. 3 Bedroom, 2 bath home on 1 acre. Home is located on a country road in Lawai. 1 acre of land surrounding the back and side of home. Acreage is steep hillside behind house and wooded along the side and above house. Sale is Contingent on approval of probate. Sold As-is. \$779,000(fs).



KAHA LANI #122 – OCEANFRONT

Breathtaking OCEAN FRONT GROUND FLOOR 2 bedroom, 2 bathroom. Two spacious outdoor lanais with up close ocean views. Fully furnished for vacation rental or for use as your primary or second home. Kaha Lani is a hidden gem, 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. Beach is almost at your front door. \$1,299,000(fs)



SUN VILLAGE #B-407

This is a leasehold property. One resident must be 55 years of age or older. Rarely available Top Floor . 2 bedrooms / 2 full baths with beautiful open beam ceilings. Spacious and bright corner end unit adding extra privacy. Beautiful distant Ocean views from the living room and master bedroom. Newer refrigerator and newer washer / dryer. Sold partly furnished. \$389,900(lh)



So incredibly grateful for all of my past clients and clients in this upcoming New Year. Wishing everyone an amazing, blessed and healthy New Year.

Mahalo 🌸

- Karen

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Kaua'i Island Utility Cooperative *Currents*



We dedicate the Currents winter issue to our long-time friend, the late Amy Doubet. Working with KIUC as a graphic designer for the past 21 years, Amy used her incredible creativity and skill to bring the KIUC story to life. Amy is forever a part of our KIUC 'Ohana, and she is truly missed.

Amy J. Doubet



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Editor

Beth Amaro

Contributors

Jana Burnside, Stacie Dellamano, Ana Española, Lauren Guest, David Iha, Joey Leibracht, Shelley Paik, Jennifer Paton, Allan A. Smith, Phil Tacbian, Allison Young

On The Cover

KIUC staff decorates the bucket truck for the Lights on Rice Parade.

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 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 kiuc.coop under News and Currents.

KIUC is an equal opportunity provider and employer.

Chairman's Message



As 2023 winds down, I'd like to say mahalo to all of our members, dedicated employees, contractors, partners and elected officials for another year filled with many successes.

For the entire year, KIUC members paid the lowest electric rates in the state of Hawai'i. The board of directors also updated the strategic plan with a goal to reach 100% renewable energy by 2033. Over the past year, we completed construction on the Anahola Service Center, introduced biodiesel to our renewable portfolio and recycled lithium-ion batteries to support a circular economy. KIUC also received federal grant awards for \$17.9 million to support our transition to renewable energy.

Always abiding by our cooperative values, KIUC continued to help both commercial and residential members save on their monthly electric bills. Through our programs and education for people of all ages, KIUC board and staff attended community events, taught classes, and gave back in the form of rebates and sponsorships. You can see more examples in our new Member Mahalos section on pages 20-21.

We wish you and your 'ohana a safe and joyous holiday season!

*Mahalo nui loa,
Allan A. Smith*

Board Actions

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

AUGUST 24, 2023

Motion carried, approval of voting delegate for National Rural Electric Cooperative Association Regional Meeting 9, Omaha, Nebraska.

SEPTEMBER 21, 2023

Motion carried, Policy 2, authority and responsibility of the CEO.

Motion carried, BAR form, obsolete production materials for write-off out of inventory.

Motion carried NRECA International Program Contribution - \$5,000.

Motion carried, election of nominating committee chair for 2024 director elections, Director Dee Crowell.

Motion carried, resolution of condolences for Dennis Esaki, founding board member.

OCTOBER 26, 2023

Motion carried, election of the state director to serve a two-year term on the NRECA Board, David Iha.

Motion carried, Policy 19, anti-retaliation and whistleblowing.

Motion carried, Policy 21, financial fraud detection and deterrence.

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

Motion carried, confirmation of 2024 board elections nominating committee.

Motion carried, approval to allow staff to proceed with the next steps in the acquisition of property.

November 13, 2023 – Special Board Meeting

Motion carried, approval of new collective bargaining agreement.

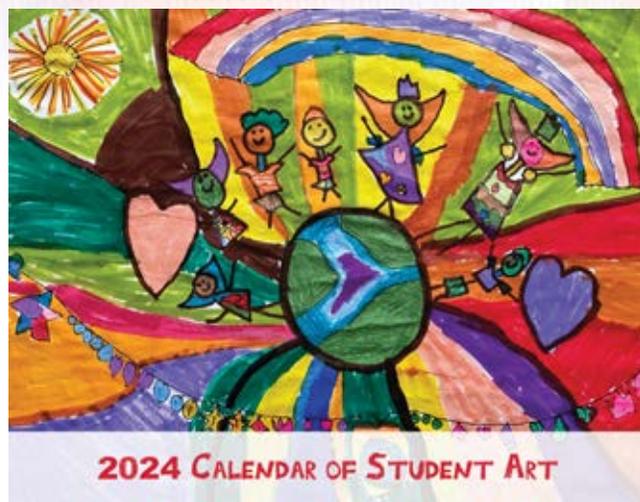
November 21, 2023

Motion carried, Policy 20, fiduciary duty and appointment to fill board vacancies.

Motion carried, board approval request for attorney Invoices over the CEO approval limit.

2024 CALENDAR OF STUDENT ART

Congratulations to our 2024 Calendar of Student Art contest winners! For the third year, all entries were accepted online. Mahalo to our judges, Lisa Kahn Macko and Pat Longstreth, who selected some wonderful pieces for the calendar. 2024 calendars will arrive in late December. Don't forget to start creating for our 2025 calendar contest. The deadline is October 15, 2024! For more information about the 2025 calendar, go to kiuc.coop/calendar-contest.



Statement of Nondiscrimination

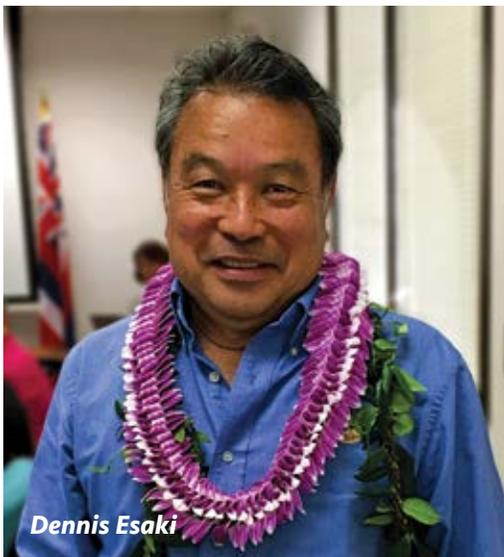
In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs, are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Person with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202)720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800)877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office, or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by (1) mail: U.S. Department of Agriculture, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov. USDA is an equal opportunity provider, employer and lender.

Honoring Dennis Esaki, KIUC Director Emeritus

By Teofilo Phil Tacbian, Board of Directors



Dennis Esaki

It was a sad day for me when I learned my good friend and colleague Dennis Esaki died on July 25. When I was first elected to the KIUC Board of Directors, Dennis was there and helped me learn about the electric business. As I found out later, Dennis was one of a handful of individuals who worked hard to make the dream of an electric cooperative on Kaua'i a reality.

Dennis' contributions to KIUC are numerous. He served on the original board that bought Kaua'i Electric from Citizens Utilities; he was a KIUC founding board member and served as chair and committee chair and he served on the National

Rural Electric Cooperative Association board as chair of the Marketing, Communications and Business Development Committee. In that capacity, he appointed me to serve on the National Policy Review Committee to revise NRECA'S policy procedures.

Aside from running a successful surveying business, Esaki Surveying & Mapping, for 49 years, Dennis was also active in community, business and government activities. To name a few, he served on the Hawai'i Housing Authority Board and was a liaison to Gov. Neil Abercrombie, who proclaimed May 22 as Dennis Esaki Day in 2012.

KIUC's Resolution 05-23, which was presented to Dennis' family, says in part:

"WHEREAS, the Board of Directors desires to honor DENNIS M. ESAKI for the faithful, competent and diligent discharge of his duties as an Officer and Director of KIUC and member of several Committees during his tenure, always showing great conviction, compassion and good humor, and for his tireless efforts and foresight in governing and nurturing KIUC and its members."

As we say *aloha* and *mahalo* to Dennis for a job well done, I join my colleagues on the KIUC Board of Directors and staff in extending our deepest condolences to the Esaki ohana. 🌺

The Makana Program

The Makana program allows KIUC members to round up their electric bill to the next highest dollar and donate that amount to the program. For example, if your monthly bill is \$150.85, you can round it up to \$151 and donate the extra \$0.15 to the Makana program. The rounded amount is shown on your monthly electric statement. The maximum amount a member can contribute in one year by rounding up is \$11.88. If you wish to give more, you can make a one-time donation or an additional monthly gift.



The Gift of Giving

By David Iha, Board of Directors



The Kapa'a Pop Warner Association 14U tackle team.

One of the Seven Cooperative Principles is Concern for Community. One way KIUC demonstrates our commitment to this principle is through the KIUC Charitable Foundation, which serves and improves the quality of life for our members.

In 2023, the Foundation supported:

- ❖ *Kapa'a Pop Warner Association*
- ❖ *Kaua'i Search and Rescue*
- ❖ *Growing Our Own Teachers on Kaua'i*
- ❖ *Kumu's Cupboard*
- ❖ *Kaua'i Community College scholarships*
- ❖ *Assistance for individuals to pay their electric bills through partners Kaua'i Economic Opportunity and Catholic Charities Hawai'i*

Kapa'a Pop Warner applied for assistance after a fire destroyed their facilities. The funds were used for cheer uniforms and equipment, pregame shirts for the team and coaches for participants.

"We are grateful and thankful for the donations received from KIUC," President Lani Cummings says.

Kaua'i Search and Rescue used the funds to train dogs for its K9 program, which supports first responders on Kaua'i.

"Working with KIUC has been great," KSAR

President Noelle Hamilton-Cambeilh says. "Our goal is to build up our canine program so we can provide our island with wilderness and disaster-certified search and rescue dogs. Having support from funders like KIUC makes our goal possible."

Make a Difference for Less Than \$1 a Month

None of the foundation funding comes from KIUC assets. The foundation generates its revenue through unclaimed refunds that otherwise would be turned over to the state, our annual fun-filled golf tournament and the Makana program.

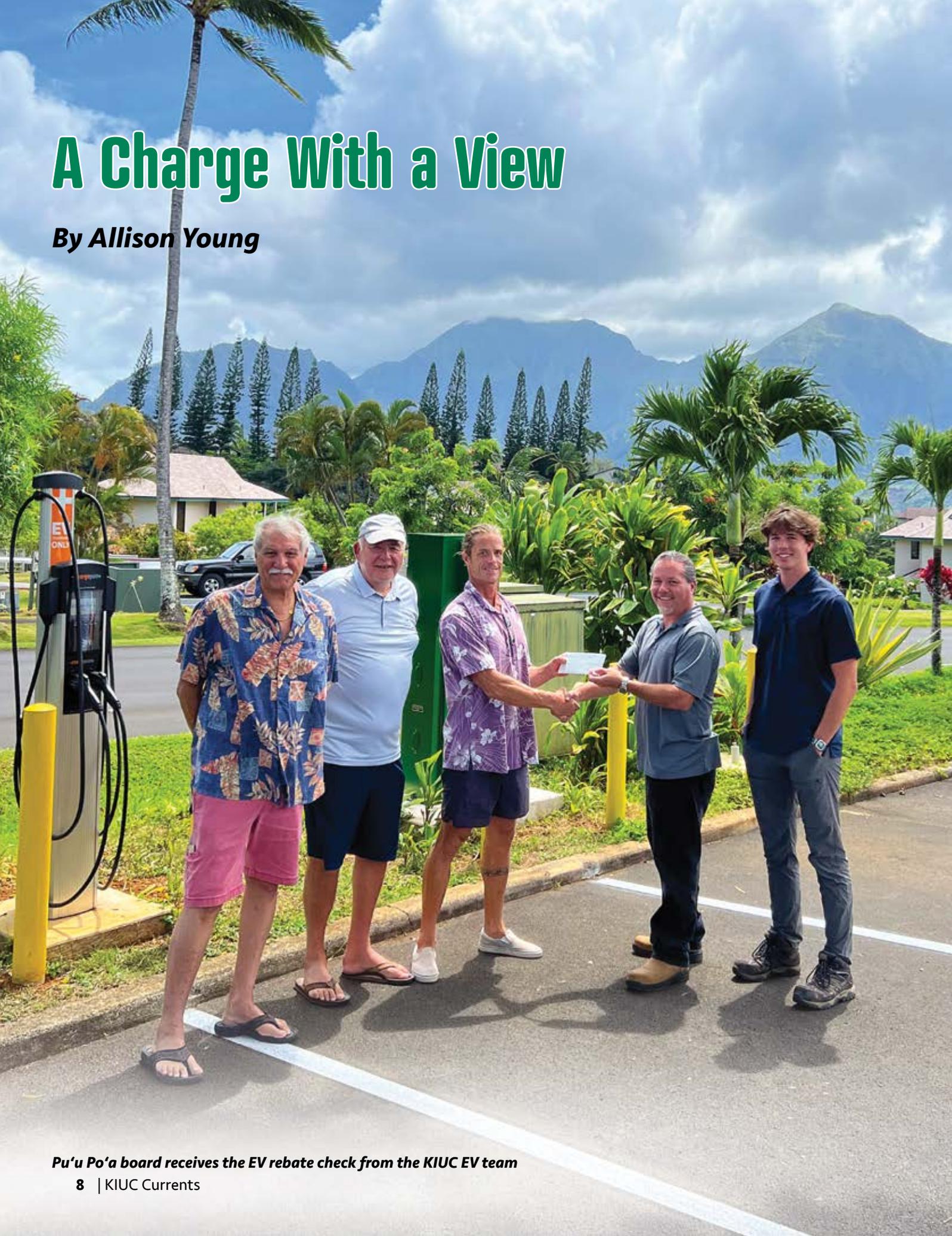
The Makana program is the gift of giving to organizations in our community. Participating members can opt to have their electric bill rounded up to the next highest dollar. That amount is collected for the Makana program.

It would be great if most KIUC members could join the Makana program. For less than \$1 a month, you can make a difference! When your contribution is combined with other members' contributions, we can continue to improve the quality of life for our members.

For more information and to learn how to enroll in the program, visit kiuc.coop/makana. Call the office at 808.246.4300 or email info@kiuc.coop if you need assistance.

A Charge With a View

By Allison Young



Pu'u Po'a board receives the EV rebate check from the KIUC EV team



The installation of a new transformer near the old transformer was required to meet the increased electricity load.

The Pu'u Po'a condo community in Princeville boasts beautiful ocean views, beach access, tennis courts, a pool and a jacuzzi as amenities for their owners and visitors. Now, with the recent addition of a Level II Multi-Port EV Charger in the parking lot, it can count on-site charging as a perk as well.

As KIUC's first applicant to the commercial EV charger rebate program, Pu'u Po'a received a \$5,000 rebate from KIUC and a \$4,500 rebate from the state of Hawai'i to apply toward the installation of the EV charger.

We spoke with Board President Jeff Frank about the decision to install a charger on the property.

Q: How will this benefit the Pu'u Po'a condo community?

A: We have both short-term renters and owners who live in the condos. About 80% of our owners rent when away. Renters are asking more frequently if our condo offers an EV Level II charger. Having one on-site at the condo will allow renters to select an EV from car rental agencies and owners who want to purchase an all-electric car.

We wanted to address this early, since we felt the price and demand would increase with future mandates. The owners of Pu'u Po'a also wanted to do their part in supporting clean air on the island.

Q: How many owners are EV drivers?

A: Out of 56 owners, we currently have only two, but the board was being asked when we felt one would be offered. The owners voted overwhelmingly to approve the expense. When we installed our charger, we included wiring for a second charger in the future.

Q: What advice would you give to other condo developments or commercial members who are considering installing an EV charger on their property?

A: Understand the importance of selecting a good contractor—we used Electratech Services—and contacting KIUC early on in the process to understand the requirements. For example, we had to install a new transformer to meet the increased electricity load, and installed it as close to the old transformer as possible. We worked with an electrician, Eric Braun, who got certified in charger installation.

Anyone who would like more information about it can ask us about the process.

For more information about rebates for a Level II EV Charger installation, please contact energyservices@kiuc.coop or call 808.246.4300 .



SHINING A LIGHT ON TRADE ALLIES: In Business to Save Businesses Money

By Allison Young

Small business owner Brandon Tengan of Ichikawa Lighting spends a lot of time looking up.

As an official trade ally for KIUC, Brandon helps businesses be more energy efficient to save money on their monthly electric bills.

Lighting makes up about 17% of a member's bill. Replacing older light fixtures with energy-efficient LED bulbs can significantly reduce a business' electricity costs. The best part is, commercial members are eligible to receive 50% to 100% on new lights and equipment through KIUC's commercial retrofit program.

How It Works

When a commercial member contacts KIUC, Commercial Energy Services Specialist Kyle Cremer schedules a free initial assessment on-site with Ichikawa Lighting. At the visit, Brandon looks at every lighting opportunity on the property and makes recommendations: how to drop the total wattage, what lighting color temperature is preferred and installation requirements.

"We know how busy, dedicated and passionate business owners can be, so we do all the homework—everything from A-Z—so they can concentrate on their business," Kyle says. "The only thing they need to do is have the lights installed."

Brandon gives members recommendations. Once Ichikawa Lighting delivers the new lightbulbs, members can choose a licensed electrician to install them.

Why KIUC Wants to Help

Not only are they less efficient and have a shorter life span, but fluorescent, CFL, halogen, high-pressure sodium and incandescent lightbulbs produce more heat than LEDs. Businesses end up with a higher heat load, and air conditioning use increases. Air conditioning is one of the biggest costs on a member's bill. The heat from older lights could make air conditioners run less efficiently, resulting in higher electricity use.

"One of the main challenges of this program is members think it's too good to be true," Brandon says.

Educating members about how the electric grid works can help build understanding.

The grid functions optimally with less demand. By replacing old lightbulbs with energy-efficient ones, the overall wattage decreases, ultimately reducing electricity consumption and lowering electric bills. To avoid a potential for rolling blackouts—when demand exceeds supply—every little bit helps. The State of Hawai'i has passed recent legislation that will eventually ban the sale of these older bulbs.

Understanding the Bottom Line

Kyle and Brandon have small-business backgrounds and can relate to commercial members' concerns and needs.

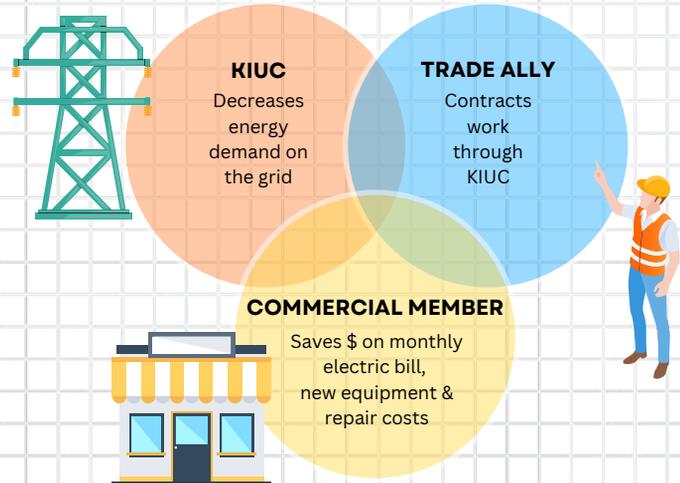
Kyle, who has a degree in refrigeration and air-conditioning, was director of engineering at a major worldwide brand and a self-employed contractor installing and repairing appliances and air-conditioning units for commercial businesses and residential homes before he came to work at KIUC.

Brandon, who graduated college with a degree in information technology, took his first IT job at PMRF. After a few corporate IT jobs, he felt the drive to become an entrepreneur starting—and eventually selling his share of—a business producing cooler bags on O'ahu. In 2022, he took a leap, moved with his wife and two young children to Kaua'i and bought Ichikawa Lighting from original owner Ross Ichikawa, who retired after 35 years in the industry.

"Anyone can achieve business success if you have the drive to learn and aren't afraid of taking some financial risks," Brandon says.

Now that he's here, he really enjoys living and working on a neighbor island again.

How the Commercial Retrofit Program (CRP) benefits Kaua'i businesses



"Both my parents are from neighbor islands, so the lifestyle has always been familiar," he says. "It's a great place for families."

To apply for the commercial retrofit program or find out more information about becoming a trade ally, email Kyle Cremer at energyservices@kiuc.coop or call 808-246-4300. ☎

How to File a Claim

PUC Decision and Order No. 19658 | Effective: November 1, 2002

A. The Company will exercise reasonable diligence and care to furnish and deliver a continuous and sufficient supply of electric energy to the customer, and to avoid any interruption of delivery of same. The Company will not be liable for interruption or insufficiency of supply or any loss, cost, damage or expense of any nature whatsoever, occasioned thereby if caused by accident, storm, fire, strikes, riots, war or any cause not within the Company's control through the exercise of reasonable diligence and care.

B. The Company, whenever it shall find it necessary for the purpose of making repairs, changes or improvements to its system, will have the right to suspend temporarily the delivery of electric energy, but in all such cases, as reasonable notice thereof as circumstances will permit, will be given to the customer, and the making of such repairs, changes or improvements will be performed as rapidly as may be practicable, and if practicable, at such time as will cause the least inconvenience to the affected customer.

C. Should a shortage of supply ever occur, the Company will apportion its available supply of electricity among its

customers as authorized or directed by the Public Utilities Commission. In the absence of a Commission order, the Company will apportion the supply in the manner that appears to it most equitable under conditions then prevailing. Any rules, regulations, rates or contracts of the Company which are inconsistent with such order or plan shall be deemed suspended while such order or plan is in effect and the Company shall not be liable when it acts in substantial compliance with such order or plan.

D. On a semiannual basis, the Company shall provide to the customer notification of the customer's right to file compensation claims with the Company for any loss, cost, damage or expense caused by an interruption of service. The notification shall be on a separate information sheet enclosed with the billing.

E. For a customer's compensation claim to be valid, it must be filed with the Company within thirty (30) days of the interruption of service. The Company shall review every claim and shall compensate the customer for any loss, cost, damage or expense as determined by the Company to be within the Company's control.



Kaua'i Residents with Electricity-Dependent Medical Needs



Aloha Kaua'i,

Emergency preparedness is critical for all families on Kaua'i, and even more so for those with members who require additional assistance during an emergency. According to the Kaua'i District Health Office's June 2023 preparedness survey known as CASPER, 18% of households have at least one family member who requires additional assistance during an emergency, including 3% who use electricity for a medical device and 4% who need refrigeration for essential medication.

If you are 62 years or older and/or have household members that requires use of a life-support device, consider completing KIUC's form on the following page. Emergency preparedness for durable medical equipment (DME) during power outages is crucial for individuals who rely on such equipment for their health and well-being. Important considerations include:

❖ Assessment of Equipment Needs

- Identify and list all electricity-dependent DME and medications that require refrigeration that you or your loved one rely on.

❖ Consider Backup Power Solutions

- Options include portable generators, uninterruptable power supplies and battery-powered equipment designed for medical use.
- Ensure backup power sources are in working condition. Have a plan for recharging or replacing batteries as needed.
- For prolonged power outages, some may need to seek assistance from local emergency medical services, hospitals or available shelters.

❖ Emergency Kit and Medication

- Include your DME in your emergency kit, along with essential items such as flashlights, batteries, first-aid kit, personal hygiene items and any assistance devices needed for daily living.
- Stockpile extra medications, consumable supplies and replacement parts for your DME in case you cannot access them during an outage.
- Ensure you have a 14-day supply of water and food.

❖ Emergency & Communication Plan

- Develop a comprehensive emergency plan that takes your medical needs into account. Share this plan with your support network so they can assist you in case of an emergency.
- Consider evacuation plans and transportation options, if needed.
- Have a battery-operated or hand-crank emergency radio to stay informed about weather conditions and local emergency updates.

❖ Battery Backup & Regular Maintenance

- Many DME devices come with built-in battery backups. Make sure these are always fully charged.
- Have spare batteries on hand, and know how to replace them.
- Regularly inspect and maintain your DME to ensure it's in good working condition.

❖ Emergency Contact Information

- Create a list of essential contacts, including healthcare providers and equipment suppliers.
- Share this list with family members, neighbors and caregiver.

❖ Medical Records

- Keep copies of your medical records, treatment plans, and a list of your medications in a waterproof location

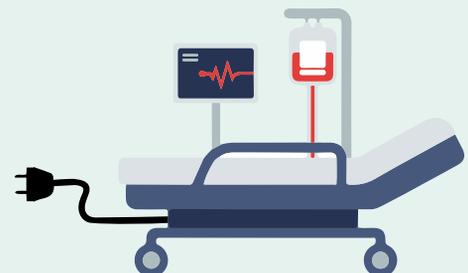
Mahalo nui,

Jana Burnside, Public Health Preparedness Educator
Kaua'i District Health Office

Lauren Guest, Deputy District Health Officer
Kaua'i District Health Office

If you have any questions about how to better prepare your household for emergencies, please call the Kaua'i District Health Office at **808-241-3555**.

To review how prepared Kaua'i households are for various disasters, please check out the *2023 CASPER report* at health.hawaii.gov/Kaua'i/CASPER.



Calling All High School Students

INTERESTED IN SUSTAINABILITY?

Check out this exciting course next Spring semester. Join forces with high school students island-wide who share your passion and discover how you can play a crucial part in achieving the State and County's sustainability goals.



Explore **Beyond the Classroom**

Ditch the desks and join us as we venture beyond the classroom walls! Visit organizations across the island and witness sustainability in action.

Be a **Green Business Guru**

Team up with a local business and guide them to become certified by Hawai'i's Green Business Program. You'll implement eco-friendly strategies to reduce their carbon footprint.

Earn While You Learn

Guess what? Your dedication won't go unrewarded! Complete the course, and you could pocket a cool **\$500 stipend**. Yes, you read that right - get paid to take a class!

SIGN UP TODAY!

Limited Spots Available
Email Ana Española to sign up
and/or get more information.
aespanola@kauai.gov



KIUC to Receive Federal Support For Innovative Technology Demonstration Projects

By Beth Amaro

Projects will boost reliability and support utility's goal of reaching 100% renewable energy within 10 years

The U.S. Department of Energy has awarded two technology demonstration projects proposed by the Hawai'i State Energy Office in partnership with Kaua'i Island Utility Cooperative, providing more than \$17.9 million in funding through the Grid Resilience and Innovation Partnerships program.

Both projects leverage existing power generation equipment with new technology to expand dispatchable renewable energy and support reliable island grid operation. Together, these solutions will enable KIUC to achieve its goal of 100% renewable energy within the next 10 years.

Utility Solar Grid Forming Technology

Estimated at \$32.5 million, the Department of Energy will provide half of the funding, with KIUC contributing the other half of the project cost.

The project adds battery storage and advanced grid-forming inverters to two existing solar power plants in Anahola and Kōloa. This will create a hybrid power supply with enhanced dispatch ability and greater resource availability and will provide important ancillary services, including frequency regulation, reactive power and voltage control, and operating reserves. The grid regulation service will further the capability of the system to accommodate 100% dispatch of renewable generation sources and provide a more reliable and resilient island grid.

Synchronous Condenser Conversion Technology

The GRIP program will provide half of the cost-shared project of \$3.35 million, with KIUC contributing the remaining half of the project cost.

This innovative project adds grid-forming capability to an existing generator at the Port Allen power station to accommodate the stable operation of high-penetration distributed variable renewable generation (i.e., daytime solar) on the Kaua'i electric grid. The project will reduce the likelihood and consequence of disruptive events to the grid and provide a reference case for duplication of the conversion technology, demonstrating a replicable solution for local, regional and interregional grid enhancement and decarbonization.

"Kaua'i is proving that transitioning to locally produced renewable energy alleviates the energy burden for families and businesses by reducing extreme price volatility," Gov. Josh Green says. "We are grateful to the Biden Administration for supporting these projects, which we believe will showcase how these technologies can achieve similar benefits on other islands."

"HSEO is excited to be working with KIUC to implement these innovative solutions to bring solar grid forming and synchronous condenser conversion technologies to Hawai'i," Hawai'i Chief Energy Officer Mark B. Glick says. "These projects will provide significant community benefits by adding value to existing renewable resources, providing opportunities for additional renewables, reducing the frequency and impact of power disruptions, and further decarbonizing the grid by reducing fossil generation."

"At 60% renewable generation, KIUC's transition has not only resulted in significant greenhouse gas reductions, it has also saved our members millions of dollars over the past few years through stabilized electricity rates that are no longer vulnerable to spikes in oil pricing," KIUC President and CEO David Bissell says.

The two projects are scheduled to begin in early 2024 with an estimated completion date in mid-2025. 🌱

KIUC and Redwood Materials Sustainably Recycle Lithium-Ion Batteries

By Beth Amaro

Kaua'i Island Utility Cooperative has partnered with Nevada-based Redwood Materials for the decommissioning and recycling of a 4-megawatt-hour battery energy storage system (BESS) at the Anahola Substation.

The Anahola BESS was commissioned in 2015 as part of KIUC's Anahola solar project. The project was built on land leased from the Department of Hawaiian Home Lands in partnership with DHHL and the Anahola Hawaiian Homestead Association. The project consisted of a 12-MW solar array, a new substation and the BESS. Following the decommissioning of the BESS, the solar array and substation will continue to operate.

KIUC is a global leader among electric utilities, recording 60% renewable energy on an annual basis and reaching 100% for multiple hours on most sunny days. Battery storage is necessary to increase the renewable portfolio to 100% annually by 2033, which is one of the goals in KIUC's updated strategic plan.

"By partnering with Redwood, we are able to divert the materials from our local landfill," KIUC President and CEO David Bissell says. "Having a sustainable solution to decommission batteries to be used again for new energy projects and vehicles is in line with KIUC's strategic plan to contribute to a sustainable Kaua'i."



A battery cabinet is placed on a truck for removal.



The Redwood Materials team spent a week on Kaua'i working on the project.

"To my knowledge, this is the first utility-scale lithium-ion battery that's being recycled in the state of Hawai'i," KIUC Chief of Operations Brad Rockwell says. "Lithium-ion batteries are unique in that there's a fair amount of materials that are worth going through the process of shipping them to a recycling facility to get the raw materials to be reused in new battery systems."

Redwood Materials is creating a circular supply chain to drive down the environmental footprint and cost of lithium-ion batteries and the electric vehicles and sustainable energy storage systems they power. The company recovers more than 95% of the critical minerals from batteries, including nickel, cobalt, lithium and copper. It plans to use those metals to remanufacture battery components—anode and cathode—that can be supplied back to U.S. battery manufacturers.

"When it comes to renewable energy deployment, Hawai'i has always been a leader, energizing some of the earliest and largest solar plus storage projects on Earth," Redwood founder and CEO JB Straubel says. "Our partnership with KIUC to decommission and recycle the first-generation storage project at the Anahola Substation demonstrates their true commitment to sustainability."

Hawai'i State Senate President Ron Kouchi, who is a former KIUC board member, praises KIUC's partnership with Redwood.

"KIUC has done a lot of work," he says. "They've invested a lot of money in the research, and I think they will help lead the state in finding socially responsible ways to deal with the waste product or other aspects of renewable energy: how we generate and how we create it."

Kaua'i Mayor Derek S. K. Kawakami praises the efforts of KIUC and Redwood to avoid contributing to the island's solid waste challenges.

"For the next generation—for future generations—our ability to coexist and do right and make sure we leave as small of a footprint as we can is going to really determine our ability to pass something on to our kids and our future grandkids that's better than what we found it in," he says.

As president of AHHA, KipuKai Kualii has been working with KIUC since the solar project's inception. He praises KIUC's commitment to being responsible stewards of the lands on which the project is housed.

"KIUC's actions in shipping away these batteries to be recycled shows the commitment and 'kuleana' or responsibility that they have to all of us as homesteaders, land stewards, and to our Hawaiian Trust lands," he says. "Collectively, we continue to celebrate our lasting partnership in 'mālama 'āina,' or taking care of our island and taking care of our planet." 🌱

Brewing Up Business on the East Side

By Allison Young



NAPALI
Brewing Co.

In 2022, Napali Brewing Co. was a recipient of KIUC's revolving loan fund from the U.S. Department of Agriculture. The fund provides opportunities for both not-for-profit and for-profit entities on Kaua'i to obtain loans at lower-than-base-rate interest. Napali Brewing Co. opened its doors in Kapaa to the public in the summer of 2023. We interviewed owners Blake and Kati Conant about their journey.

Q: Aloha, Blake. Please tell us a little bit about your family and the story of Napali Brewing Co.

A: I was born in Wainiha and raised in Hanalei. Kati is from Michigan but has lived in many parts of the county in her quest for higher education: New York, Chicago, Italy,

Maui and Oregon. I moved to New England in 1976, and together Kati and I moved home to Kaua'i in 2012.

Q: Tell us about your dream and journey toward opening Napali Brewing Co.

A: We realized that the cost of beer in a retail store was astronomical, so we set off to brew our own. I started in the garage and quickly realized that having a building and proper equipment was essential to a decent-tasting brew. We initially sought to build the brewery in Hanalei. Trying to find sizable commercial space was a huge challenge, so we looked at Kilauea, but the demand for 3,000 gallons of water a week was too much for that area. We then



Napali Brewing Co. owners Kati and Blake.

stumbled upon the old Brick Oven Pizza building. With over 6,000 square feet, our space problem was solved. The 100-stall parking lot was perfect for the area, so off we went. We never looked back.

Q: How did Napali Brewing Co. use the KIUC loan?

A: The loan proceeds were used primarily to assist in the build-out of the facilities here at Napali Brewing Co. Our building was home to several island restaurants over the years. We decided to strip everything inside and start anew.

Q: How many staff are you employing? Are you currently hiring?

A: We currently have 25 employees that cover all three areas of the business, front of the house, back of the house, brewery and ownership. We're always looking for great servers, bartenders, line cooks, prep cooks and dishwashers. We've added two feature music artists to our lineup of awesome entertainment. Friday nights will feature Shilo Pa, and Saturday nights Norman Ka'awa Solomon.

Q: Who can come to the brewery? Can people schedule events?

A: We built this business with our local families and visitors in mind. We are truly family-friendly and will soon have games the little ones can play while parents spend time together. We are not a sports bar. That isn't to say we won't have Monday and Thursday night football, but we won't have our walls splattered with TVs. We hope the Polynesian beer garden will promote interaction between people as they sit and listen to local music seven evenings per week.

We know our community is in need of a large gathering space for events, so we have the Kama'aina Room, which can seat up to 80 guests in a private setting for local business events, birthday parties, weddings and other types of functions.

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. For more information, visit www.kiuc.coop/revolving-loan-fund.

Q: Anything else you would like to add?

A: Thank you to the talented people who helped us open: brewing consultants Doug Ellenberger and Pratt Rather; Christophe Lebiet, friend and gourmet executive chef; architect Nalani Mahelona; and Willy Estenzo, our general contractor and plumber. Kati put the finishing touches on the paint, furniture, decorations and plant life.

Kati and I are so very grateful to KIUC for all that they have done to help Napali Brewing Co. and what they have done for the community of Kaua'i.

For current brews, menu and live music schedule, follow Napali Brewing Co. on Facebook and Instagram @napali_brewing_company. 🍷



Napali Brewing Co. staff

KIUC in the Community



Clockwise from top left: Breast Cancer Awareness Walk, Kau'i United Way Campaign Kickoff Meeting, Back to School Bash, Badges and Buckets (Special Olympics), Malama Hule'ia workday, Lights on Rice parade, KPD Touch a Truck event, Kau'i EV Drive Electric Week, American Heart Association Heart Walk.

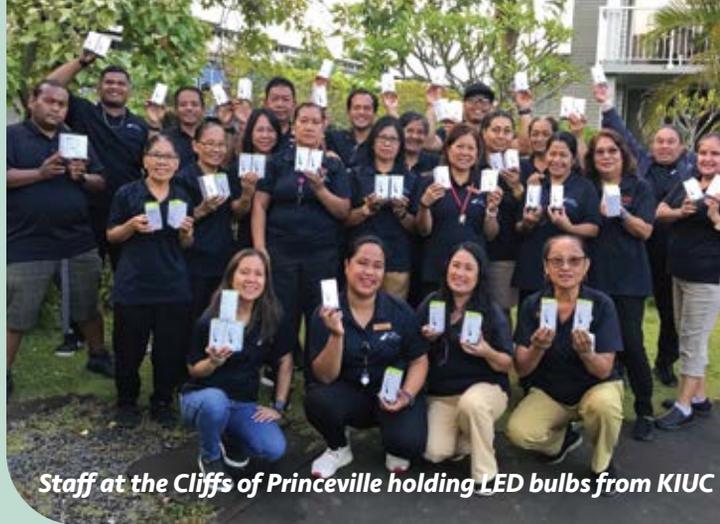
Member Mahalos

KIUC provided the Cliffs at Princeville's associates with LED bulbs to become more energy efficient. The Cliffs has been recognized as the No. 1 Greenest Resort in North America for its sustainability practices.

"The Cliffs at Princeville would like to say a big Mahalo to KIUC."

Thank you,

Hasina Mitchell, Director of Human Resources



Staff at the Cliffs of Princeville holding LED bulbs from KIUC

Through KIUC's Commercial Retrofit Program, Island RIDE Kaua'i—a fitness studio offering indoor cycling and small group strength training classes in Līhu'e—was able to replace its aging air-conditioning unit with a newer, more energy-efficient model to keep its riders cool as they burned calories during their workouts.

"We are so thankful to Kyle and Scott for working with our property management team and Dorvin D. Leis Co., Inc., to replace our air-conditioning unit so our riders can ride in a cool and comfortable environment. Everyone from start to finish was so professional, and I encourage other businesses on the island to contact KIUC to see how they can help with your energy retrofits. Every little bit helps, especially for local, small businesses here on Kaua'i."

Autumn Wade Brodigan, Owner, Island RIDE Kaua'i
KIUC was able to help Kaua'i Kookie with retrofitting its lighting and addressing its refrigeration and equipment



needs at its Hanapēpē facility through the commercial retrofit and equipment programs.

"We are so thankful to Kyle and KIUC for helping us with our energy retrofits and the replacement of equipment to help us lower our electricity bills. KIUC's trade allies, Ichikawa Lighting and Bargreen Ellingson, made the process so easy, and we are so fortunate for the financial assistance provided by KIUC through these incentives so that we can continue producing Kaua'i Kookie products for our valued customers."

Ann Hashisaka, CEO, Kaua'i Kookie



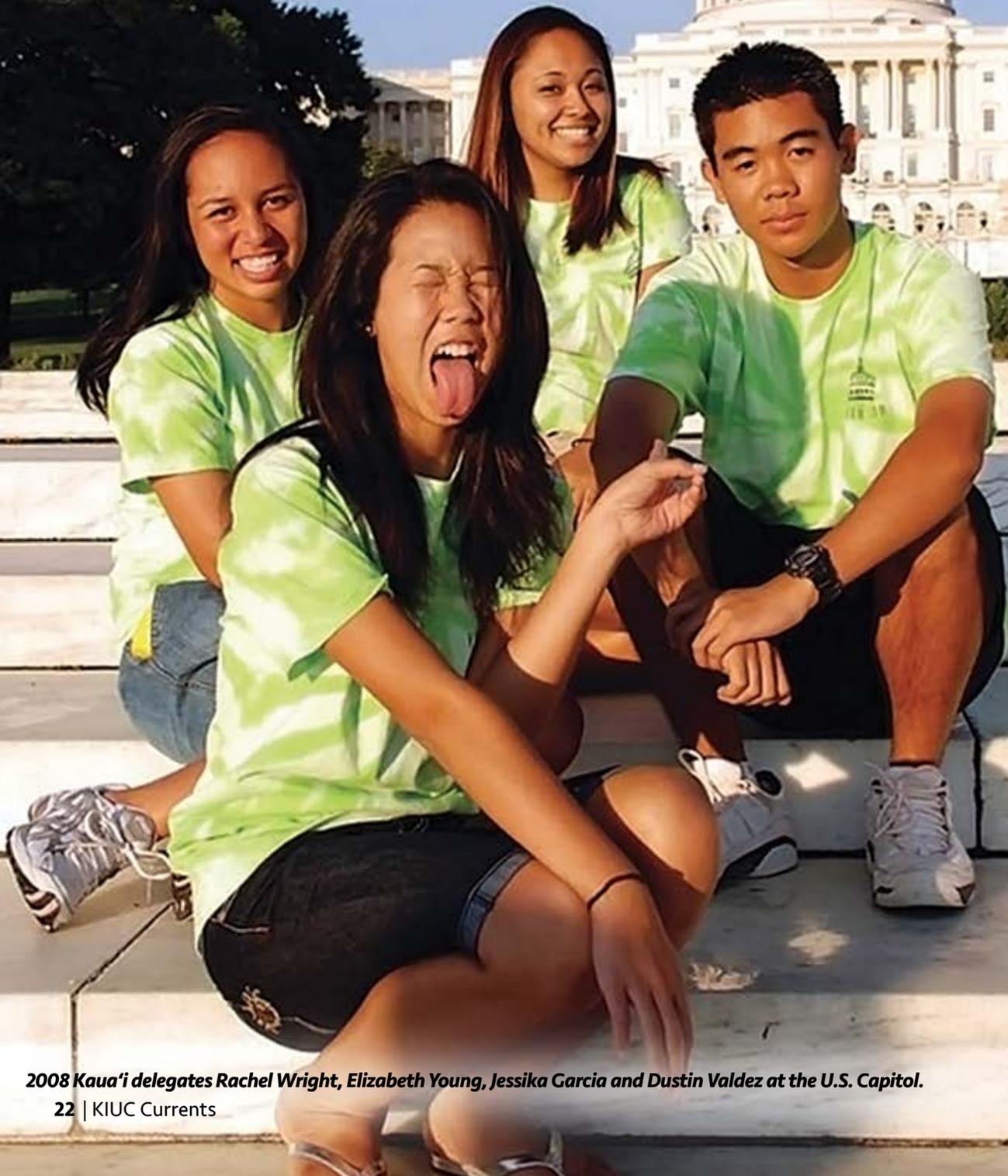
"Mahalo for KIUC's support of the 2023 Harvest Festival! We had about 8,000 attendees during the 6 hours and gave away nearly 1,000 pumpkins to families in attendance. All of the food booths sold out and every had a great time. Thank you for your participation and support and we look forward to our continued partnership between agriculture and the community."

Laurie Yoshida, Event Co-coordinator

Where Are They Now?

DUSTIN KAIKOO VALDEZ YOUTH TOUR 2008

By Allison Young



2008 Kaaui delegates Rachel Wright, Elizabeth Young, Jessika Garcia and Dustin Valdez at the U.S. Capitol.



Dustin Kaikoo Valdez is now a PhD candidate at UH Mānoa.

For this issue, we talked story with Dustin Kaikoo Valdez, a Youth Tour 2008 alumnus. Dustin is from Kapa'a and graduated from Kapa'a High and UCLA. Dustin is working on his Ph.D. at the University of Hawai'i at Mānoa, where he is a graduate research assistant at the UH Cancer Center.

Aloha, Dustin. What's your favorite memory from Youth Tour?

It's really hard to pick out one memory from Youth Tour. Traveling together with the Kansas group was one of my favorite experiences. In many ways, it was a taste of what college would be like—interacting with peers from backgrounds very different than my own. I also remember being amazed at how flat Kansas was. It was the first time in my life I had ever been to a place that didn't have any mountains.

Q: Tell us about your path after graduation.

After graduating high school, I went to college at UCLA. I had an incredibly fulfilling experience there and it really helped to cultivate the type of person I am today. I earned my degree in cognitive science and anthropology, and then came back to Kaua'i for a few gap years before I applied to graduate school. During that time, I was an academic tutor at Kaua'i Community College in chemistry, microbiology and general sciences.

I then was accepted into the nutritional sciences Ph.D. program at UH Mānoa. I originally did nutrition research on excessive gestational weight gain through an SMS-based nutrition intervention. However, after my mother was diagnosed and passed away with cancer, I switched my research focus to cancer research.

I'm in my last year of my Ph.D. program working as a graduate research assistant at the UH Cancer Center studying breast cancer screening in low-resource areas of the Pacific through portable ultrasound and artificial intelligence. My plan is to continue being a cancer researcher as a professor.

Q: What do you like to do in your free time?

I have a variety of hobbies. To this day, I still play tennis regularly (I learned in middle school and was tennis captain in high school). During college, I picked up taiko drumming and taekwondo. For a little while I used to teach a children's taiko group on Kaua'i called Joyful Noise. As for taekwondo, I kept training and received my black belt a few years later. I recently picked up digital art, so I'm enjoying learning new art techniques.

Q: Which one of KIUC's Ho'oka'ana Waiwai shared values most resonates with you?

Laulima. "We will work together toward common goals where one person's success is everyone's success. I will combine my best efforts with others."

As I further my education, I realize that no one can make progress in isolation. Perhaps that was true in the past but not today. The complex issues that researchers have to solve require collaboration with a multitude of individuals and organizations. It really is the accumulation of everyone's unique expertise and perspectives that allows scientific breakthroughs to be made. 🌟



Dustin with the research lab team at UH Cancer Center.

Hey, Do We Have Your Money?

Every year, KIUC publishes a list of members to whom we owe a patronage capital refund. Patronage capital is the money KIUC has left after paying all of its expenses in a given year. At the end of the year, that money is credited to each member's patronage capital account, according to the amount paid for electricity used.

In past years, KIUC issued checks to members, so it's possible some of those on the list simply forgot to cash the check or accidentally threw it away.

If your name appears on the list, you must apply for a refund. Please complete the refund form below and provide a copy of picture ID as proof the person requesting the refund is the same as the account holder.

You can mail in the form or bring it in to our office. If you need additional forms, download one from our website at www.kiuc.coop. If you have questions about patronage capital, please call 808.246.4300.

Please allow 45 business days for us to process your request.

Request for Patronage Capital Refund

Please Print:

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Telephone Number: () _____ Email: _____

Alternate Number: () _____ KIUC Account No. _____

Social Security Number: _____ or Driver's License Number: _____

Business Federal Identification Number _____

I hereby certify and declare that:

1. I am the party legally entitled to claim ownership of this patronage capital account, and
2. I have attached documentation to support and validate my claim for ownership of this patronage capital account, and
3. I agree to indemnify and hold KIUC harmless for any and all damages, which may arise from subsequent claims to this patronage capital account, and
4. I understand that a copy of this certification statement will be released to any party making subsequent claim to this patronage capital account.
5. I understand that to the extent such member-owner or deceased member-owner owes any outstanding sums to KIUC, any patronage capital credits to be retired shall be applied by way of set-off to such sums.

Signature of applicant _____ Date _____

Select method of refund:

(Please allow 45 business days to process your request)

Apply refund to account _____

Request check refund _____

Office use only:	
Received _____	
Original check# _____	Amount \$ _____
Original date issued _____	Date reissued _____
Check# reissued _____	Amount \$ _____
Initial _____	ID: _____
Rev. 11-2021	

Mail request form with a copy of your picture ID to:

Member Services
Patronage Capital
Kaua'i Island Utility Cooperative
4463 Pahe'e St., Suite 1
Lihu'e, HI 96766-2000

2 Horse Ranch LLC	Banasihan Shaun-Casey	Bustillos Abraham J	Cudworth Corynn	Faima Patrick
2013 Irrvtr of Pamela W Dohrman	Banasihan Tyrah L	Butac Alan B	Cullen Torres	Farro Christopher I
Aalona Chirsti-Ana	Banasihan Tyson L	Cabinatan E	Cummings Billy G	Feagles Arthur
Aana Enoch	Bandmann Edith	Cachola Edward	Cummings Candice A	Ferguson John T
Abella Dennis	Banes Jennifer	Cadiz Leo V	Cummings Yokotake Sherri U	Ferguson William
Abubo Clay E	Banguoglu Esra	Campbell Dara Lynn	Dabancourt Leonie C	Fernandez Mandy K
Abundo Jannet A	Banquel Ricardo	Campbell Keith	Dacus Dennis	Figueroa Rodriguez Randall
Agbayani Genorosa	Banquel Robert	Cannard Sean R	Daligcon Alvin S	Fishman Paul A
Aghjayan Stephen G	Bantilan Mitchell	Cannestra Laura	Daniel Carter	Fleiss Laura M
Ahomee Amanda	Baris Belma	Cardinez Michael	Danielle Lila	Flores Nelwin G
Ahomee Mosese	Barnert Illana	Carineo Agnes B	Dasalla Jr Richard G	Flynn Mark A
Aiu Robert	Bauer-Cano Kayla B	Carlson Jodie K	Davis Priscilla H	Fontaine Gloriana
Akau Micah K	Beale Alana R	Carpenter Jacob S	Decker Daniel W	Forster Thomas
Alapai Cheryl N	Beaver Venus	Carroll Kelly C	Dehni Ghassan	Forsythe Benjamin
Alegado Ramon	Beeson Ananda	Carvalho Andy K	Del Sol Hawaii	Fox Kaianne
Alexanyan Daniel M	Berginz Rebecca J	Carvalho J S	Dela Cruz Myra	Fraschino Danielle
Alkana Leo	Bernard Dale	Cataluna Chad S	Delatorre Joesph	Frazier Paul Q
Allbrandt James L	Beyer Don P	Champlin Katherine E	Delos Reyes Jace B	Fredericks Eric H
Allen Jr Anthony A	Billimek Lawrence P	Chao Theresa	Dental Partners of Hawaii LLC	Freeman Robert P
Allianic-Brun Joey	BinghamG Shepard	Chase Chuck	Devorre April S	Frost Tyler
Andersen Genevieve E	Bird Norman O	Cherry Lael M	Dietz Randall W	Fudge Phillip
Anderson William R	Bishop Audrey M	Chetty Jeff M	Do Tiffany T	Fukushima Estele
Andrade Chad K	Blakley Sean	Chiaretto Lucas M	Double Rainbow Inc	Fuller Dawn A
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Andrade Susan	Blend Designs LLC	Chitwood Richard L	Drake Stephen A	Funes Linda M
Apuna Paulita N	Blew Beverly J	Chock Michael C	Dressler Teresa L	Furgeson Michael
Araya Jimenez Schuyler M	Blochier Brian M	Chu Joseph	Duran Richard R	Furumoto Ida H
Armstrong Lindsay C	Bloom Kelvin N	Chun Richard	Duterte Florentino	Gabrielson Jeffrey S
Au Douglas	Boaz Christopher	Clark Jason R	Eduard Emmanuel P	Gair James M
Autenrieth Robert H	Boggs Leona	Clifford Karen A	Edwards William	Galante Joseph N
Ayala 3rd Richard J	Bohaboy Phillip	Cliffs 1208 LLC	Eichenberger Lucia Giani	Galiza Rodalita
Ayala 3rd Richard J	Bourne Beau	Clifton Tracie M	Ellyn Diana	Gambeng Catbagan Maybellyn N
Ayon Rebecca L	Brede Kenji K	Cloutier Marcel	Elmore Robert B	Gerardo Marylyn K
Baber Kristina A	Brenton Connie M	Cocchi Craig S	Elwir Mohammed F	Gin Jeremy
Baby Beach Kaua'i LLC	Brenton-Valles Robyn	Commanding Officer	Elwir Nasser F	Girod Mary
Baccaro Shannon	Briggs Ronald E	Conklin Tracy	Engemann Robert	Glasser Shannon C
Bachman Claudia	Broadbent Lani T	Conley Kevin P	Ensworth Jay	Gleason Patrick D
Bachmann Matthew A	Brooks Dolly K	Conover Zachary	Erickson Erin	Godfrey Marc
Bahniuk Peter H	Brown Lisa	Conradi Ann	Estacio Abigail	Godinez John F
Bajnoczi Otto	Brown Valerie	Constantino Beni	Estate of J R Weir	Grabias Martin
Baker Mason B	Brown-Ho Poomai	Corpuz Gilberto C	Evans Judi	Grady Michael S
Baldwin Jamie M	Brown-Lazaro Raybeth	Corpuz Sr Clarence P	Ezquerro Gloria	Great Vacation Retreats
Balisacan F B	Buck Daniel J	Costa Jr G G	Fabian Jennifer	Greenberg Sandra
Ball Bradley J	Buck-Inoue Anne N	Cote Valerie L	Fabian Karren Jane	
Ballantyne Karina J	Bui Khoi Duy	Coughlin Brandee M		
Ballesteros Rodolfo L	Buisson John M	Courtire Peter		
Ban Austin P	Buley Ryan M	Crawford Alicia L		
	Burpee Sean P	Crisler Eric M		

Grooms Lori A	Hunter Earl	Kelly Barbara R	Lim Renato S	Michael Misty M
Grubb Lynn B	Hurt Mark J	Kemp Joseph	Lindelow John E	Miguel Nathan
Gude Jeffrey A	Ichikawa Kristine C	Kerrigan Heather	Lisowski Andrew	Miller Autumn B
Guenther Paul L	Ige JT	Kiaha Kathleen A	Listerud Thomas L	Miller Tiffany R
Guevara Roxanne	Iida Michael W	Kidney Care of Hawaii LLC	Llego Catalina	Minami Hirofumi
Guild Group Batavia	Isaacson Wesley R	Kilma Jina	Lober Crystal L	Minardo Marshall
Haas Melody M	Izumigawa Karen N	Kimball Robert E	Loh Kimberly A	Miskowsky Eric
Hadama Beatrice G	Jacobs Benjamin K	Kimoto Dorene	Loidl Tima	Mitchell Lela
Hadar Yahel	Jerves Wilfred	Kimura Theresa B	Long-Gat Roel A	Mizukami Nancy
Hager Jr Raymond D	Jimenez Rodney L	King Sarah	Lopez Thomas J	Moana Enterprise
Hall Kristin	Johnson Ivy	Kinney Kathleen	Louis Cheryl	Montanez Stephanie A
Hall Sharon L	Johnson Jordan	Kinoshita Gaylen E	Loumoli Tevita F	Moore Jennifer L
Halloran George	Johnson Kassie J	Knowles Michael	Lyman Carmen T	Mora John
Hanalei Bay Vista LLC	Jones Richard A	Knudsen Kelly	Lynch Judy C	Morel Ryan M
Haneberg Kela D	Jones Sarah R	Kodama Clifton K	Lyons Daniel	Morimoto Roy S
Hansen Summer L	Jones Shona K	Kodama-Yokoi Laverne	Macklins Kitchen LLC	Morita Lori L
Hanson Sarah	Joosten James	Kohler Jonathan L	Madison James C	Morrah Patrick B
Harrington Julie A	Juge Charles	Koslosky Kyle Aaron	Magbaleta Precious Lyn	Morris Alice M
Hartman Matthew W	Kaha Lani LLC	Krafft Mahealani	Maghanoy-Louis Jenessa A	Morris Bonnie S
Hatto Sunshine	Kahalekomo-Schmid Chelise	Krebs Clara T	Maglinti Kendall K	Morrison Caleb
Hauiki Hui LLC	Kahokuloa Violet H	Kruger Diederik J	Major Jr Paul E	Morrison Kyle
Havens Timothy W	Kalani II Solomon K	Kruger Steven	Maloney Richard	Mortison Eugene F
Hawaii Center for Children	Kammersgard Dana W	Kruse Cara K	Mamluk Kathy	Moss Jade
Hawkins Doris E	Kanahale Melody	Kuapahi Myranda W	Manuel Emily	Mullikin Mark
Hayashida M	Kanoa Edith	Kunimura Sueno	Manutai Larie K	Muranaka Mitsuko Y
Heintzleman Mark S	Kanoho Ezra R	Kupihea Linda Y	Marcoe Krista	Muraoka Yukie U
Hendrickson Greta	Kapha North Shore LLC	Kurosaki Thomas M	Markley Darcelle C	Murashige Brian H
Henson Anna M	Kapowski Ronald M	Kuslo Brigitte M	Marshall Austin T	Murphy John H
Hermann Jeanette	Karshmer Barbara	La Marr Lori A	Martin Manuel	Murray Shannon
Hernandez Faustino	Kashiwai Duane	Laa-Moranz Joseph J	Martinet Micae N	Myers Madeline J
Hewitt Jenna M	Kaua'i Granola LLC	Lamb Allan R	Mattia Mark J	Mylor Aja L
Hiatt Tressa J	Kaua'i Heritage Properties LLC	Langridge Neil	Maximo Fred	Naea Dennis
Hickox Hunter C	Kaua'i Hydroponics LLC	Lappert Judy	Mcallister Barbara S	Naea Fitzpatrick Lahela
Higashi Micah A	Kaua'i Ice Cream Company Inc	Latshaw Amy M	Mcclain Shaun D	Nakaahiki Hollianne
Hill Heather A	Kaua'i Pet Crematory	Lauer Terresa J	Mccosh Michelle	Nakagawara Takeshi
Hirata Jukichi	Kauanui Keala	Lawton Neima Stephanie	Mcgill Michael R	Nakahara Keith I
Hironaka Sumako	Kaulili Doreen	Lee Francis R	Mcglone Stephanie A	Nakamura Paul T
Ho Crystal K	Kawakami Toru	Lee Joseph A	Mckeague Ryan G	Nakashima Camden K
Hoefer Nicole E	Kea Don J	Lee Tomasine P	McWilliams Angela D	Naumann Cornel
Hogain Ryan O	Kealoha Jemaa	Lefai Maletina	Medina Natalie	Negrillo Ronnie N
Hogan Daniel R	Keane Ann E	Leimbach Matthew R	Mele Kai Pono LLC	Nelson Gary C
Holcombe Timothy R	Keating Kelene	Leventis George	Menor Joann M	Nero Lillian P
Hosking Jane	Kekona-White Spencer A	Lewis Regina	Mercader Tan Ronald	Nesselson Mark A
Huang Liu Jimmy	Kelley Paul	Libre Reyna L	Merkel Joseph	Neuhoff William T
Hughes Blake M			Merrick Jenson L	New Garden Island Barbeque LLC
Huihui Hannibal K			Merrill Nancy	Nicholas Loretta
Hunt Kelley K				

Nihipali Donald	Potter Richard	Ryan-Fernandez Kim	Stokley Gene D	Vargo Emily A
Nishimoto Brian	Poulsen Samuel T	Safa Leeda M	Suganuma Laurie	Vasquez Aimee
Nollar Emi	Powers Richard	Sample Gary	Sutter Douglas	Vegas Mark
North Shore Development	Pratt Jordan R	Santos-Yadao Whitney	Sweets Swazi	Villatora Sade
Nuttall Christopher T	Preston Alan C	Sarita Kimberly	Swigart Summer	Viloria Malie T
Nystrom III Carl P	Primary Tax Services LLC	Saulibio Micah L	Swigert Lauren	Viquelia Fred
Ogata Kelsi	Psaila Charlotte	Schaef Elizabeth A	Switzer Yasmyn J	Visitacion Jason H
Okamoto Paul T	Pualei Properties LLC	Schlosser Christian	Szabo Tamas	Wainer Corinne M
Olival Scott E	Pulliam Brock	Schroeder Sarah Ann	Tacata Imelda	Walker Garyson D
Olson Mark	Puu Robyn M	Schryver Kimya	Tacbian Ryden K	Wallace Horace
Olszewski Adam	Quereto Shanie L	Schutte Steven L	Takahashi Shigeru	Walleen Victoria A
O'Neill Cara Lachance	Quinsa Jose A	Seals Elaine	Takata Samuel	Waltman Emily
O'Neill Michael J	Ramos Juan M	Sell Nancy S	Tam Winifred	Warren Jr Robert A
Ono Family rest	Ramos Primitivo	Serraon Kalena K	Tanigawa Casey F	Waterman & Salt LLC
Onstad Rockne	Ramsey Ethan T	Serviss Matthew C	Taylan Leopoldo T	Watson Marisa J
Orhyan Capital Management LLC	Rauschenburg Loki Mikala J	Shayler Cameron	Taylor Kenneth R	Watumull Properties Corp
Ornellas Shannon N	Raymond Bruce	Shepard Richard	Taylor Robert R	Weber Scott
Ortiz Randi-Ranasha K	Refamonte Jerry	Shimamoto Jo Ann P	Teixeira Roberto	Werner Steven
Oshiro Richard T	Reichenberger Carissa	Sieradzki Daniel	Thacker Brian S	Weston Samantha
Osuna Faustino	Reid Chase C	Silfast George	Thill Jason E	White Alika F
Otani Toshihiru	Remigio Jr Arquilio L	Silva Brandie K	Thomas Aletha A	Whitten Brian K
Otero Jose G	Renz William Fred	Silva Jeffery	Thomas Sean M	Wielins Dana S
Oviso Jan S	Rep and LLC	Silva Jodi	Thomas Stephen	Williams Courtney P
Pacific Clinics Inc	Rice-Hudson Hunter	Silva Vanessa J	Thompson Elizabeth M	Willman Monica
Pagador Lionel	Richardson	Sim Jia	Thompson Karey L	Willms Shannon E
Pagels Remon	Keanuonalani	Simao Elizabeth O	Thompson Virgil L	Wilson Celina
Pahl Kelly	Rita Darin	Simao Steven R	Thomson Michael	Wisn Craig
Pai Tash L	Rivera Ruby J	Sindt Eddie	Threat Calvin	Wisneski Peggy J
Painter Kresta	Robbins Cassidie N	Sipe Lidia	Tillak Sandra	Wong Sherrie L
Papagayo Venanci	Robins Bret K	Sitzler Edward	Tipton Mark L	Wood Emory
Papio Hanalei LLC	Robinson John T	Slezak Christopher	Togioka Leola W	Wray Jimmy F
Parizeau Steven	Rocca Tyra	Smith Gregory A	Tokashiki Yoshiko	Yamaguchi Kayana
Parker 3rd Alexander K	Rodrigues Julio	Sogaw Rosalia G	Tokioka Justin	Yamamoto Paula
Perez Samarah	Rodriguez Maria	Sommer Matthew	Tomek Charles	Yamamoto Rebecca
Perreira G G	Roger Joseph H	Souza Michael K	Tomlinson Barry A	Yamauchi Madeline
Perreira Wayne	Rogers Yvonne P	Souza Jr John	Tong Leland J	Yang Kaiyuan
Pescador Sunao	Roney Ashley A	Spence Jolene M	Torkelson-Ham You Lynn	Yasis Carmencita L
Peters Richard J	Rook Arthur R	Spiess Tyson J	Tracy Donna C	Yauney Robert
Petersen Forest S	Roosevelt Michael A	Spracklin Melissa A	Tratar Sanja	Yokoyama Joshua
Petersen J Russell	Rosa Lauren J	Spriggs Daniel A	Travis Connie	Young Christopher C
Phillips Boyd D	Rose Melanie	Staltari Nicolas J	Treece Deborah	Young Jr Andrew S
Pietros Hawaii LLC	Ross Thomas E	Stamoulis Kostantinos	Trembath Charles	Zamora Maxine
Pifferini Michael J	Rudloff Jan C	Starr Reka	Trimmer Shannon N	Zietz Aafke B
Poi Breana	Ruiz Devin T	Steele Denise K	Tripp Robert	
Ponce Esther	Russell Terri	Steele Steven E	Urbanski Tina	
Ponton Kelvin R		Steinmetz Noreen	Valle Fortunato	
		Stern Jane	Vandermeer Liisa H	
		Stidham Gregory A		

Holiday Dishes and Treats

Sauteed Shrimp With Feta and Garlic

1 pound shrimp, cleaned and deveined
5 cloves garlic, finely chopped
½ cup crumbled feta
3 tablespoons olive oil
½ teaspoon sea salt

In a skillet, heat olive oil on medium-high heat with garlic. After about a minute—or when the garlic begins to soften but not brown—add the shrimp. Stir for about 2 minutes until they become opaque. Remove from heat, and sprinkle with feta. Serve.



Easy Spicy Queso Dip

½ block Velveeta cheese, chopped
1 block cream cheese
½ cup shredded habanero Monterey jack cheese
1 can Rotel diced tomatoes with green chilies
2 tablespoons Franks Red Hot seasoning
Crackers or chips

Heat oven to 350 F.

In an 8-by-8 pan, combine all ingredients through the Franks Red Hot seasoning. Cover pan with foil. Bake for 30 minutes. Remove from oven and stir.

Recover pan, and bake for an additional 20 to 30 minutes or until the cheese is melted. Serve with your favorite crackers or chips.



Kitchen Sink Instant Pot Chili

1 pound ground turkey
1 Portuguese sausage, diced
1 onion, diced
1 package chili seasoning
1 can garbanzo beans, drained
1 can black beans, drained
1 can kidney beans, drained
25-ounce can peeled tomatoes
14-ounce can diced tomatoes
Sour cream
Shredded cheese

Place Instant Pot in saute mode. Add turkey and sausage. Brown for about 10 minutes. Add onion and chili seasoning, and saute for 5 more minutes. Hit cancel, then add remaining ingredients through the diced tomatoes to the pot. Cover, and use the chili function for 30 minutes. Serve with sour cream and your favorite shredded cheese.



Festive Salad

6 cups mixed greens, washed/dried
1 pomegranate, seeded
1 avocado, cubed
1 can mandarin oranges, drain and pat dry
4 ounces goat cheese

Dressing:
¼ cup olive oil
¼ cup apple cider vinegar
1 tablespoon honey
1 teaspoon Dijon mustard
¼ teaspoon salt
¼ teaspoon pepper

Place the greens in a large bowl. Layer pomegranate seeds, avocado and mandarin oranges. Sprinkle with goat cheese. Whisk together dressing ingredients, and drizzle over salad.



Whipped Goat Cheese With Hot Honey

1 goat cheese log
¼ cup hot honey
Salami
Crackers

Soften the goat cheese, and combine with hot honey. Pipe mixture onto a plate. Drizzle with more hot honey. Serve with crackers and salami.



Easy Leftover French Toast S'mores Bread Pudding

1 pint heavy cream
3 eggs
1 tablespoon vanilla extract
¼ cup sugar
5 cups cubed French toast
½ cup mini marshmallows
⅓ cup chocolate chips

When you have leftover French toast, cube it and leave it in the freezer until you have enough to repurpose it into an easy bread pudding. Combine the heavy cream, eggs, vanilla and sugar in a bowl. Mix well. Put the cubed French toast in a gallon plastic bag. Pour the mixture, marshmallows and chocolate chips into the bag. Seal bag, and let sit for about 5 minutes, turning it over about halfway through so the mixture can soak into the bread.

Heat oven to 350 F. Pour the mixture into an 8-by-8 pan. Bake for 45 minutes. Serve warm with more chocolate chips and marshmallows.





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9AM - NOON

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Lucky draw, giveaways and more!

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HEALTHY *Living*

KIUC Statement of Operations

For the Period 01/01/2023 – 10/31/2023

Kaua'i Island Utility Cooperative is a regulated not-for-profit organization. This organization type refers specifically to section 501(c)(12) of the U.S. Internal Revenue Code, which pertains to cooperative electric companies.

KIUC is also subject to regulatory oversight by the Hawai'i Public Utilities Commission to ensure fair and reliable electric service provision. The primary purpose of KIUC as a regulated 501(c)(12) organization is to operate for the mutual benefit of our members by supplying electric services, with our focus on serving the needs of the community rather than generating profits for shareholders.

As the fiscal arm of a not-for-profit organization, paying attention to financial statements is crucial for several reasons. Reviewing financial statements helps ensure transparency and allows members to understand how the organization is managing its financial resources; financial statements provide a snapshot of the organization's financial health; financial statements can reveal adherence to financial reporting standards; and understanding financial statements facilitates communication between the organization's leadership and

its members. KIUC provides both written and graph format of financial statement presentations, both quarterly and annually, to its members. The key numbers on the operating statement are discussed below.

Revenues, expenses and net margins totaled \$125.34 million, \$122.50 million and \$2.84 million respectively, for the nine-month period ending September 30, 2023. This is the first quarter in 2023 that the cooperative generated enough revenue to cover its costs. The last published financial results at the end of the second quarter showed a \$30,000 loss. KIUC anticipates its financial results will improve once the Hawai'i Public Utilities Commission acts on the pending rate increase request. Rate case information can be found at www.kiuc.coop/ratecase.

Similar to other electric utilities, the cost of power generation is the largest expense, totaling \$73.2 million or 58.4% of revenues. Commodities, which are fuel and purchased power costs, are the largest component of power generation, totaling \$62.5 million or 50% of revenues. Fossil fuel is the largest single component of commodities, totaling \$27.8 million or 22.1% of revenues. However, our

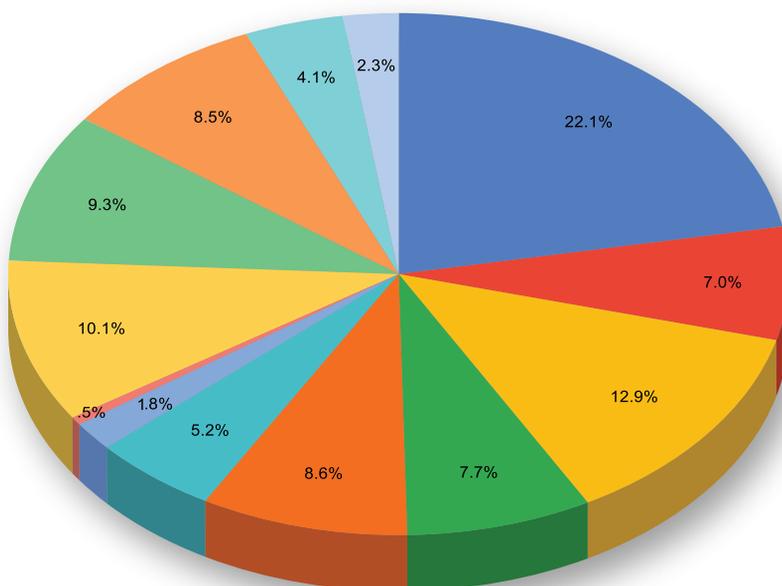
renewable sources combined—hydro, biomass and solar—comprise 27.9% of our commodities expense.

The cost of operating and maintaining the electric lines totaled \$6.5 million or 5.2% of total revenues. The cost of servicing our members totaled \$2.2 million or 1.8% of revenues. The cost of keeping our members informed totaled \$0.6 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 \$14.5 million or 11.5% of revenues.

Being capital intensive, depreciation and amortization of the utility plant cost \$11.6 million or 9.3% of revenues. Although not subject to federal income taxes, state and local taxes amounted to \$10.6 million or 8.5% of revenues. Interest on long-term debt, at a favorable sub-5% interest rate, totaled \$5.08 million or 4.1% of revenues. Nonoperating net margins (e.g., interest income) added \$1.8 million to overall net margins.

% of Total Revenue

- 22.1% ● Commodities - Fossil Fuel
- 7.0% ● Commodities - Hydro
- 12.9% ● Commodities - Solar
- 7.7% ● Commodities - Biomass
- 8.6% ● Production Operation & Maintenance
- 5.2% ● Transmission & Distribution Operation & Maintenance
- 1.8% ● Member Services
- 0.5% ● Communications
- 10.1% ● Administrative & General Net of Non-Operating Margins
- 9.3% ● Depreciation & Amortization
- 8.5% ● Taxes
- 4.1% ● Interest
- 2.3% ● Net Margins



Kaua'i Island Utility Cooperative **Currents**

Winter 2023
Volume 20, Number 4

David Bissell
President and CEO

KIUC Board of Directors

Chairman: Allan A. Smith

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

NRECA National Director: David Iha

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

Finance & Audit

Chairman: Peter Yukimura

Members: Stacie Dellamano, Janet Kass,
Jim Mayfield, Cal Murashige, Allan A. Smith

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Jim Mayfield, Peter Yukimura

International

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

Member Relations

Chairman: Dee Crowell

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

Policy

Chairman: Janet Kass

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

Strategic Planning

Chairman: Jim Mayfield

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

Loan Review

Chairman: Phil Tacbian

Members: Janet Kass



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**Calling high school juniors!
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of a lifetime!**

**KIUC is sponsoring
four Kaua'i students
to attend the 2024
NRECA Youth Tour
in June 2024.**

**What's Youth Tour?
An all-expenses-paid trip
to Washington, D.C., where
delegates explore our
nation's historic sites, learn**

**Any Kaua'i
student in their
junior year of high
school is eligible.**

**Schools will select
students to participate
in the interview process.
Those who are selected
are interviewed
January 15, 2024.**

**about electric cooperatives
and see government in action.
They also meet students from
across the nation and form
lifelong friendships.**

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