

Spring 2022

Kaua'i Island Utility Cooperative

# Currents

Teaching Our Keiki  
to Read. One Book  
at a Time



**Inside:**  
WKEP Update  
Going EV



# Aloha Island Team



## KAREN L. AGUDONG, REALTOR(B)

RB-17447

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



### 444-3 B AHOPUEO DRIVE #4, KALAHEO

Least expensive vacant lot on the South Side! Almost 13,000 sf located at the end of a short cul de sac on Ahopueo Drive in the Kai Ikena Subdivision. Water meter already installed and existing House Plans are available (permit needs to be renewed). Great location near Kukuiolono Golf Course and a short drive to Poipu! \$379,000(fs). Seller financing may be possible contingent on terms and down payment. Call: Karen L. Agudong, REALTOR BROKER (808) 652-0677.



### 3113 OIHANA STREET, LIHUE

Nestled in Lihue, this 21,000 sf Limited Industrial (I-L) zoned parcel allows multiple permitted uses. Building is currently used as a veterinary clinic and bus storage facility behind the clinic. This is a great opportunity for an investor or owner-user in a supply constrained market. \$1,500,000(fs). Call: Karen L. Agudong REALTOR BROKER. (808) 652-0677.



## IN ESCROW

### 267 KAMOKILA (IN ESCROW)

Very spacious 4 bedroom home with the old Hawaiian style charm in Wailua Houselots. Beautiful up close and personal mountain views. Relaxing back covered lanai. Great home for entertaining with large kitchen with a lot of cabinets and counter space. Beautiful large picture windows to let the light in. \$799,000(fs) Sold As-is. Call: Karen L. Agudong REALTOR BROKER (808) 652-0677.



## SOLD

### 6208-G OLOHENA ROAD #B, WAILUA

Gorgeous home in a Private Country setting on over 3 acres in Wailua Homesteads. Tons of fruit trees and a beautiful tropical landscaping. 480 sf Office space or Guest Room with Separate entrance above Garage with window AC and Full bathroom. Additional Pool House. \$1,790,000(fs). Call: Karen L. Agudong REALTOR BROKER. (808) 652-0677.



## SOLD

### 6431 POO ROAD #2, WAILUA.

Beautifully maintained 3 bedroom, 2 bath home plus separate storage Ag workshop on a half acre of land in Wailua Homesteads with gorgeous mountain views. Beautiful Landscaping and a private country setting. \$995,000(fs). Call: Karen L. Agudong REALTOR BROKER. (808) 652-0677.

EXP REALTY • KAREN L. AGUDONG • MAILING ADDRESS: PO Box 3255, LIHUE, HI 96766

808-652-0677 • WWW.ALOHAISLAND.COM • EMAIL: KAREN@ALOH AISLAND.COM

KAREN L. AGUDONG, REALTOR(B) "ALOHA ISLAND TEAM" EXP REALTY (808) 652-0677.

Branch Office Address: 4210 Hanahao Place Ste 203, Lihue, HI 96766

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**EDITOR**

Beth Tokioka

**CONTRIBUTORS**

Dawn Amano-Ige, Amy J. Doubet, Liz Hahn,  
Karissa Jonas, Shelley Paik, Cal Murashige,  
Jennifer Paton, Allan A. Smith,  
Jan TenBruggencate

**ON THE COVER**

Kīlauea residents Lihau and Kellen Paik sign up their daughters, Jemma and Maisey, for the 'Ohana Readers program to cultivate their love of reading at an early age.

## 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](http://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](mailto: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](http://www.kiuc.coop) under News and *Currents*.

KIUC is an equal opportunity provider and employer.

# Chairman's Message

## Thank a Lineworker April 11

If you were asked to associate an image or a person with KIUC, chances are you would picture a lineworker. One of the most visible employees of the co-op, lineworkers work tirelessly to ensure our community receives uninterrupted power 24/7.

Lineworker is listed as one of the top 10 most dangerous jobs in the United States. This is understandable, as they perform detailed tasks near high-voltage power lines. Regardless of the time of day, having to brave stormy weather and other challenging conditions, lineworkers must climb 40 feet in the air, often carrying heavy equipment to get the job done.

Being a lineworker is not a glamorous or easy profession. It takes years of specialized training, ongoing education, dedication and, equally important, a sense of service and commitment. How else can you explain the willingness to leave the comfort of your home to tackle a challenging job in difficult conditions, when most are sheltering comfortably at home?

This dedication and sense of service to the community is truly what sets them apart. That's why we set aside the second Monday in April to celebrate and recognize the men and women who work around the clock to keep the lights on.

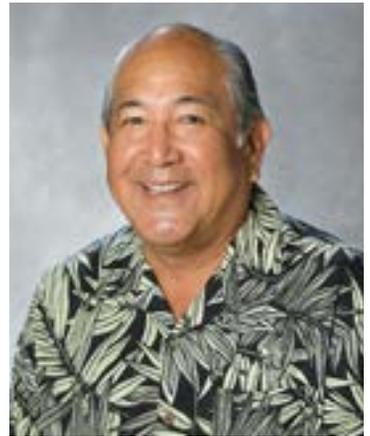
While lineworkers may be the most visible employees at KIUC, it's important to note there is a team of highly skilled professionals working behind the scenes.

Engineers provide ongoing expertise and guidance on the operations side of the co-op. Member service representatives are always standing by to take your calls and questions. Our information technology experts are continuously monitoring our system to help safeguard sensitive data.

These are just a few of the folks who work together to ensure we can deliver the service and reliability you expect and deserve. Without them, our lineworkers wouldn't be able to "bring the light" to our community.

On April 11, and any time you see a lineworker, I hope you will join me in thanking them for their exceptional service. I also hope you remember there is a dedicated team of professionals working behind the scenes at the co-op. Their commitment to service runs just as deep.

Warmest regards,  
Allan A. Smith



## 2022 KIUC Board of Directors Election Results

Incumbent directors Calvin Murashige, Jan TenBruggencate and Peter Yukimura have been re-elected to the KIUC Board of Directors. These three directors will each serve three-year terms ending March 2025.

Merriman River Group, a Connecticut-based election management firm, conducted the election. The firm submitted the official results for the 2022 board of directors election. The results are:

Peter Yukimura, 3,197 votes

Calvin Murashige, 3,118 votes

Jan TenBruggencate, 2,708 votes

Steve Parsons, 1,490 votes

KIUC mailed 26,806 ballots and received 4,542 responses with a 16.94% turnout.

The re-elected board members will be inaugurated on March 24 via Zoom 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 in November and December 2021, and January and February 2022.*

## February 24, 2022, Board Meeting

Motion carried, 2022 NRECA voting delegate and alternate, Yukimura and Tacbian.

Motion carried, 2021 corporate performance results.

Motion carried, 2022 corporate performance targets.

Motion carried, system protection budgets reallocation, \$0 (transmission and distribution department board approval request form).

Motion carried, IT outside/professional services, additional \$136,294 (IT BAR).

Motion carried, diesel overhauls, additional \$245,000 (production BAR).

Motion carried, KPS GT filter inlet hood, additional \$179,000 (production BAR).

Motion carried, KPS fuel nozzles for GT, additional \$493,000 (production BAR).

Motion carried, Board Policy No. 12, Code of Ethics: Development and Management. Reviewed, approved with proposed changes.

Motion carried, decision to authorize, but not direct, the CEO to decline a business opportunity.

Motion carried, decision to authorize, but not direct, the CEO to allow a vendor to make a substitution.

## January 27, 2022, Board Meeting

Motion carried, approval of new September dates for committee (9/19) and regular board meetings (9/23).

Motion carried, Board Policy No. 4, Attachment 6 Charter for the Policy Committee. Reviewed, approved with proposed changes.

Motion carried, Board Policy No. 25, KIUC Charitable/Nonprofit Giving. Reviewed, approved with proposed changes.

## December 16, 2021, Board Meeting

Motion carried, approval of Board Resolution 03-21, 2022 ROO budget.

Motion carried, approval of Board Resolution 04-21, 2022 capital budget.

Motion carried, WKEP PSI write-off, additional \$1.55 million (accounting BAR).

Motion carried, 2021 Budget Variance Request SOS, O&M, additional \$184,000 (other BAR).

Motion carried, Board Policy No. 24, Funding the KIUC Charitable Fund. Reviewed, approved with minor changes.

## November 23, 2021, Board Meeting

Motion carried, 2022 board committee and monthly meeting dates.

Motion carried, 2020 rate case regulatory asset write-off, additional \$302,000 (accounting BAR).

Motion carried, 2022 Kaua'i United Way-KIUC matching donation, up to \$40,000 (member services BAR).

Motion carried, Anahola Service Center budget variance request, additional \$200,000 (T&D BAR).

Motion carried, Board Policy No. 26, KIUC Records Management Policy. Reviewed, approved existing policy as is.

Motion carried, Board Policy No. 10, Legal Representation and Use of Attorneys. Reviewed, approved with proposed changes.

# A Little Goes a Long Way

By Cal Murashige

Before I became a director for Kaua'i Island Utility Cooperative, I was not aware KIUC had a charitable foundation. A 501(c)(3) foundation was established in 2002 with the purpose of providing financial assistance to Kaua'i's families through an agreement with the Kaua'i Economic Opportunity.

The KIUC Charitable Foundation has been funded with money that would otherwise escheat—or return to—the State of Hawai'i. Escheated funds are unclaimed monies owed to KIUC members. You may have seen a recent article in Currents that listed the names of members and former members entitled to receive a distribution of patronage capital but whose current address is unknown. After a period of time established by statute has passed, the unclaimed funds escheat, or revert, to the KIUC Charitable Foundation.

In 2019, KIUC established the Makana Program, whereby its members can voluntarily contribute funds to the charitable foundation. To participate in the Makana Program, the member completes a form agreeing to round up the payment of their monthly electric bill to the next dollar.

For example, a member participating in the program would round up their monthly bill of \$157.75 to \$158, thereby contributing 25 cents to the foundation. The most any member would contribute to the foundation is 99 cents monthly and \$11.88 annually.

Currently, 277 members participate in this program. Since 2019, the KIUC Charitable Foundation has received \$3,893.37 through the Makana Program. If you wish, you can give more on a monthly basis or make a one-time donation.

A big mahalo to all members who have joined the Makana Program, a relatively inexpensive way to help others in our community.

For more details on the KIUC Charitable Foundation and the Makana Program, visit the Community tab on the KIUC website, [www.kiuc.coop](http://www.kiuc.coop). 🌱



**Considering a career in civil, mechanical or electrical engineering, construction management or architecture?**

**SCHOLARSHIPS AVAILABLE**

**Contractors Association of Kaua'i (CAK) Scholarship Program**

Applications available at Waimea High, Island School, Kaua'i High, Kapa'a High, Kamehameha Schools Kaua'i region office, Kaua'i Community College trades program staff, or by calling the Contractors Association of Kaua'i at (808) 246-2662.

**Application deadline: Monday, May 2, 2022**

Applicants: High school seniors intending to major in a construction related field of study, college undergraduates with a declared major in a construction field of study or post-graduate students doing advance degree work in a construction related field. Construction related field of study includes: civil, mechanical or electrical engineering, construction management, architecture, landscape architecture or design, construction trades.

# The Good News on Inflation

**By Jan TenBruggencate**

What does the dramatic inflation increase mean for KIUC and its member ratepayers?

In an economy experiencing significant inflation, costs for businesses go up. That means the cost of goods and services to consumers are likely to increase. Luckily for KIUC's member-owners, the impact of inflation is buffered by a number of factors.

In fact, KIUC is better positioned than any of the state's other electric utilities to minimize the increase. That is because one of our biggest costs—generated electricity—is largely sourced from renewable energy at fixed prices.

The energy we buy from many of our big solar arrays is subject to long-term contracts with prices that don't change over time. So, if we're paying 10 cents per kilowatt-hour from a solar facility this year, we still will be paying 10 cents next year and five years from now, even if inflation increases the cost of other products.

We still burn fossil fuels for about 30% percent of our energy, so when oil prices spike, those fuel costs go up and rates are adjusted accordingly. But



*Aerial view of the completed AES Lāwa'i PV facility.*

since nearly 70% of our generation is from renewables, a 10% increase in oil prices has a much less significant impact than it did a decade ago, when we were generating 90% of our electricity from fossil fuel.

One of the driving factors in the KIUC Board of Directors' decision to move aggressively into renewable energy was price stability. Climate change, supply chain issues and energy self-sufficiency were also major considerations, but

our members told us it was difficult to budget when fuel prices caused major fluctuations in electricity bills.

Our move to fixed-price renewables has helped moderate those swings in costs. And it has actually pushed down our prices in comparison to the more fossil fuel-reliant utilities on O'ahu, Maui County and Hawai'i. When oil recently pushed upward of \$100 a barrel, it helped KIUC's rates drop to the state's second lowest, after Honolulu, which has cheap coal generation and economies of scale.

There are other costs for KIUC that are subject to inflation, as well, including the cost of utility poles, wire, transformers, labor and vehicles. As those increases hit our bottom line, we will see some upward pressure on rates.

But the cost of energy is one of our biggest costs, and it is one cost KIUC is helping keep under control. Our West Kaua'i Energy Project, now in the environmental review and permitting process, will expand our renewable percentage and further limit the impact of inflation on our members. ☺



*Tesla project in Kapaia.*



*Liz Hahn charges up in Līhu'e.*



# EV Is the Way to Go

**By Liz Hahn**

The sudden demise of my beloved Prius C in 2019 ushered me into the world of electric cars after driving hybrids for 13 years.

Kaua'i is the perfect place to drive electric. After doing my research online and connecting with an EV community on Facebook, I was able to rent a Leaf and then buy an affordable used Leaf.

I have a photovoltaic system at home and installed a 240V 16A charger in my garage to charge speedily at home.

I also installed an OBDII device in my car and use a phone app called Leaf Spy to access my car's internal diagnostics as I drive. It gives me a clearer picture of battery life and tire pressure, and has helped me learn to trust my car and reduce range anxiety.

Driving electric is fun in many ways because I have to pay close attention to the terrain, wind speed and direction. The car pulls power traveling uphill and regenerates power going downhill. I learned to "pulse and glide" as a Prius driver, and that principle makes a profound difference in actual EV mileage.

EV is also much more economical for me. My car needs little maintenance—much less than an internal combustion engine car. Good tires are essential, but there is no gas to buy or oil to change.

As popularity increases and more EVs get on the road, there will be more challenges but also many solutions everyone can contribute to.

One challenge for me is finding an available public charger when I travel long distances. My 2015 Leaf has a range of 50 comfortable miles. Comfortable means not using up the whole battery capacity and planning the trip to allow for sessions at a public charger to be able to complete a journey safely. Newer cars have longer driving ranges—from 150 to 400 miles—so most owners will be able to travel safely by charging regularly at home.

EV driving will be wonderful for Kaua'i if drivers adopt best practices and etiquette so cars that occupy a public charging stall actually need to charge. It would be great if stores provided an adequate number of public chargers for their customers.

The future indicates the need for clean, renewable and sustainable energy. Driving EV is one way we can help. ♻️

# Which AC Is Right for You?

By Makani Taniguchi

As summer heats up, many consider installing air conditioning units, whether it be a portable, window, split system or central air. Taking advantage of our breezy trade winds is the first and foremost way to cool your home. The best part is, it's free! You also can combine that with overhead ceiling fans and take advantage of KIUC's \$25 rebate.

If you decide to install an air conditioner, the first thing to think about is the size of the room you want to cool. Measure your room size by multiplying the length by width.

Here are some sizing guidelines to help you select the the right size unit.

Air Conditioner Size (BTU*)	Square Feet	Room Size
5,000	Up to 150	10 x 15
6,000	Up to 250	10 x 25
8,000	Up to 350	14 x 25
10,000	Up to 450	18 x 25
12,000	Up to 550	22 x 25
14,000	Up to 700	25 x 28
15,100	Up to 850	25 x 34
18,500	Up to 1,050	30 x 35
22,000	Up to 1,290	30 x 43
25,000	Up to 1,600	40 x 40
28,000	Up to 1,900	38 x 50

\* BTU is short for British Thermal Unit, a unit of measurement that shows how much energy your air conditioner uses to remove heat from your home.

Size your air conditioner to the size of your room or home. Take into consideration the size and type of your windows, wall construction, ceiling height and types of doorways. Oversizing or undersizing your unit can create an uncomfortable climate and increase your energy cost.

The next thing to consider is whether you're able to install a permanent unit on your dwelling. If you can't install a permanent unit, a portable AC unit might be for you.

If you can install a permanent unit, consider a window unit, split system or central air. It's strongly suggested to get three bids from a licensed contractor.

Another thing to consider is the cost to run the unit. Because there are so many variables, running your air



conditioning for an average of 10 hours a day for 30 days could raise your electric bill an extra \$200 to \$500 a month.

Other things to consider:

- ❖ Look for the highest Energy Star rating, Energy Efficiency Rating (EER) or Seasonal Energy Efficiency Rating (SEER) unit.
- ❖ Ask about rebates or discounts for energy-efficient units. KIUC offers a \$50 efficient appliance rebate to replace your old window air conditioner with an Energy Star air conditioner with an EER of 11.2 or higher.

If you're a commercial member and would like to replace your current air conditioner, call for a consultation with our Energy Wise Guys at 808-246-4300. 🌱



# Energy-Saving Tips

## Lighting:

- ❖ Change out incandescent lights and replace with LED bulbs.
- ❖ Turn off lights in areas/rooms that are not occupied.
- ❖ Put exterior lights on timers.

## Air Conditioning:

- ❖ Keep current with routine maintenance.
- ❖ Clean filters and coils.
- ❖ Raise temperature in rooms when unoccupied to 74 F to 78 F or turn off completely if not occupied for extended periods if natural air circulation is available. If not, it may be wiser to keep unit running on low speed and higher temperature to prevent humidity/mold/stale smells to fill room.

## Water Heating/Boilers:

- ❖ Install a water heater timer to limit heaters run time to only when hot water is needed.
- ❖ Set thermostat at a moderate temperature of 120 F to 130 F.
- ❖ If hotter water is needed, consider booster heaters instead of setting water heater temperature high.

## Washers:

- ❖ Wash with cold or warm as much as possible.
- ❖ Wash full loads to conserve water.

## Dryers/Steamers:

- ❖ Clean lint catch after each use.
- ❖ Run with full load of clothes.
- ❖ Periodic clean exhaust vent hose of debris and lint.

## Refrigeration (Refrigerators/Freezers):

- ❖ Check gaskets to ensure they are properly sealing and cold air is not leaking out.
- ❖ Clean coils.
- ❖ Keep freezers full.
- ❖ If replacing, look for an Energy Star rating on new appliances.

## Computers/Printers/Electronics:

- ❖ Connect to some type of surge protection or uninterruptible power supply to protect sensitive equipment.
- ❖ Turn off when not in use.

## Find more energy-saving tips at:

[www.kiuc.coop/together-we-save](http://www.kiuc.coop/together-we-save)  
[www.touchstoneenergy.com/energy-solutions](http://www.touchstoneenergy.com/energy-solutions)

If you have questions about energy-savings tips or would like to participate in one of our incentive programs, please contact our Energy Wise Guys at 808-246-4300 or visit <https://www.kiuc.coop/hale-program> to sign up for our Hale Program. 🌱



# west kaua'i energy project



Developing a pumped storage hydro project on Kaua'i's west side has been in discussion for nearly a decade. Kaua'i Island Utility Cooperative (KIUC) and The AES Corporation (AES) have joined forces on a groundbreaking solar PV + Battery Energy Storage and pumped storage hydro project that will be the first of its kind in the world and is a critical component of Kaua'i's renewable energy future.

WKEP will be a "legacy" generation facility: It is expected to serve Kaua'i's energy needs for 100 years or more while stabilizing rates over time. The unique topography of the area, coupled with the existing plantation ditch and reservoir infrastructure, offer the opportunity to create a renewable energy generation project that is unique worldwide. In addition to the environmental benefits of reducing greenhouse gas emissions, WKEP will create economic development and agricultural opportunities for Native Hawaiians and the west side communities of Waimea and Kekaha.

**Learn more about the benefits of WKEP at:  
[www.kiuc.coop/wkep](http://www.kiuc.coop/wkep) or [www.westkauaienergyproject.com](http://www.westkauaienergyproject.com).**



*Pu'u Lua Reservoir*



*Pu'u 'Ōpae Reservoir (rendering)*



Accelerates Hawai'i's transition to 100% renewable by 2045, moving Kaua'i beyond 80% renewable generation.



Expected to generate renewable energy to meet approximately 25% of Kaua'i's energy needs.



Improves grid performance through long-duration storage capability. Capable of operating on 100% renewable energy for prolonged periods without sunlight and throughout the night.



Enhanced firefighting capabilities through availability of reservoir water resources.



Improves historic diversion structures in Kōke'e to ensure mauka to makai stream flows.



Provides new water infrastructure, supporting irrigation delivery and diversified agriculture on Department of Hawaiian Home Lands.

## Some Recent Questions We Received About WKEP

**Q: When will WKEP be complete? What impact will it have on my electric rates?**

**A:** Our goal is to have the project in service by the end of 2025 to take advantage of available federal and state tax credits, which are critical to making this project as affordable as possible for our members. The cost of the project will not be part of the rate base, because this is a Purchased Power Agreement (PPA), and the project will not be owned by KIUC. That said, KIUC will buy the capacity and energy from the project from AES, and those costs will be directly passed through to the ratepayers. Those costs were used to run a 25-year production model, which showed a net present value (NPV) savings for ratepayers of between \$157 million to \$172 million throughout the 25-year period of the PPA. The Hawai'i Public Utilities Commission (HPUC) approved the PPA in its Decision & Order issued December 1, 2021. WKEP will stabilize electric rates and is projected to save ratepayers \$20 per month on average throughout the life of the project when compared to continuing to use oil-powered generators.

In its recent approval of the PPA, the Public Utilities Commission said the following about WKEP's pricing: "Based upon the information provided in the record, the commission observes that the project appears to deliver both near-term and long-term benefits to ratepayers over the course of the PPA term. The PPA provides more favorable rates when

compared to existing renewable energy projects, will provide substantial savings to ratepayers over the solar term, and provides the benefits of firm capacity and increased reliability. Further, the commission finds that the PPA's fixed price offers a hedge against the volatility of fossil fuel prices. Based on the above analysis, the commission finds that the pricing provisions of the PPA are reasonable and in the public interest."

**Q: Was this project subject to competitive bidding? How and why was the contract awarded to AES?**

**A:** WKEP began as a self-develop project. In other words, KIUC originally planned to build the project without a development partner like AES, and without a PPA. To that end, KIUC conducted a request for proposals in 2017 for design, engineering and construction services for WKEP. In October 2018, the bid was awarded to McMillen Jacobs Associates. After completing 60% design in 2020, which included major equipment quotes from multiple manufacturers, KIUC determined the projected cost of the project was too risky for KIUC to self-develop. Using the projected project cost information obtained through the 60% design effort, KIUC was able to negotiate a joint development agreement and PPA with AES, where AES would finance and build the project, and KIUC would buy the energy and capacity from the project, with all available tax credits passed on to KIUC and its members. 🌱



# 'Ohana Readers Builds Co-op Connections With Young Readers



In 2019, Hawai'i's first lady, Dawn Amano-Ige, met with the KIUC Charitable Foundation to pitch a new literacy program she hoped to bring to Kaua'i providing books to children up to age 5. The 'Ohana Readers program was first brought to Moloka'i through a collaboration with the Dolly Parton Imagination Library, the assistance of Friends of the Library of Hawai'i and other partners.

In February 2020, the Foundation awarded 'Ohana Readers \$2,000 to help launch the program on Kaua'i in the Kekaha and Waimea communities. It was hoped the program would eventually expand to other parts of the island.

"There have been so many challenges during the pandemic," said Foundation Vice President Maile Alfiler. "It was our hope that this program would create another opportunity for families to spend time together and encourage our keiki to develop a love of reading."

KIUC Director David Iha also sits on the board of the KIUC Charitable Foundation.

"Touchstone Energy cooperatives throughout the country are participating in the Dolly Parton Imagination Library," he said. "I'm glad we can offer our Kaua'i co-op members the same opportunity."

After a successful launch, the 'Ohana Readers program was awarded a second grant of \$5,543 from the Foundation to expand to Kaua'i's north shore.

"We're involving members of our co-op at a very young age," said Phil Tacbian, who serves as president of the KIUC Charitable Foundation. "That's a win-win for KIUC because we're providing a resource for our future members that will make a lifelong impact."

Kekaha resident Brandon Simpliciano knows good reading habits start early.

"I signed my daughter up when the program launched on Kaua'i," he said. "She's aged out of the program, but now I'm signing up my newborn son."



*Kellen reads to Jemma at the Princeville Library.*

The KIUC Charitable Foundation is governed by 11 directors comprised of KIUC directors, KIUC employees and community members. The foundation is funded in part by unclaimed refunds that would have previously been turned over to the state and from the Makana program. None of these funds comes from KIUC assets. 🌱



**Sign up for free books and  
begin your child's love for reading**

‘Ohana Readers in partnership with the Dolly Parton Imagination Library, is an early literacy program where children from birth to five can receive a free book, each month, in the mail.

Now serving children living in the Hanalei, Wainiha, Hā‘ena, Kīlauea, Anahola, Princeville, Waimea and Kekaha zip codes.

To register or learn more, call  
Princeville Public Library at (808) 826-4310  
Waimea Public Library at (808) 338-6848  
[www.FLHHawaii.org/ohanareaders](http://www.FLHHawaii.org/ohanareaders)



*In Partnership with*



***Please enjoy this special message from Mrs. Ige:***

*To our friends on the North Shore of Kaua‘i,*

*We are excited to announce that ‘Ohana Readers, through the Dolly Parton Imagination Library, has expanded to the communities of Hā‘ena, Wainiha, Hanalei, Princeville, Kīlauea and Anahola.*

*‘Ohana Readers offers high-quality, age-appropriate books from Dolly Parton’s Imagination Library each month to children up to age 5. Children who register for the program receive one book each month via the U.S. Postal Service beginning approximately eight to 10 weeks after their registration form has been submitted.*

*The program is free and encourages family read-aloud time, an activity that increases language skills and confidence and contributes to a child’s growing knowledge of the world.*

*The first five years of life is critical to a child’s development. In fact, 90% of brain development occurs by age 5. Early literacy skills have shown to have lasting impact on a child’s ability to thrive in school and throughout life, putting them on a path toward lifelong learning and success.*

*That is why I encourage parents of children up to 4½ years old to register their child as soon as they are eligible.*

*I am grateful for the partnership with the KIUC Charitable Foundation—along with other state and nonprofit agencies—which allows ‘Ohana Readers to bring the joy of reading into more homes. Since its inception in the fall of 2019, more than 7,200 books have been distributed.*

*To sign up for the ‘Ohana Readers program, visit Waimea Public Library or Princeville Public Library and pick up an official registration form. Registration forms are also available at [www.FLHHawaii.org/ohanareaders](http://www.FLHHawaii.org/ohanareaders).*

*Warmest regards,  
Dawn Amamo-Ige*



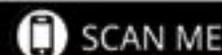
by Lindsay Fernandez Richardson, MS, LMHC

Youth who feel supported are more likely to grow into healthy, caring, and responsible adults. Here are some research driven tips to try with the young people you care about.

- 1. Focus on the connection between you and your child.** Find genuine curiosity in who they are. See what you can learn about them and their interests, whether it's games, artwork, social media, current events, sports, music, etc.
- 2. Encourage your child to come to you for help.** Regularly ask how they're doing, especially when they seem upset. Try saying, "I noticed you seem down and I've been wondering if there's anything we need to talk about. How is everything with you?"
- 3. Help your child feel truly heard by you.** Listen with compassion. Try summarizing what they share and guess how they might be feeling. For example, "Sounds like math has been getting pretty tough. You must be feeling overwhelmed," or "That girl from class ignored you and you're not sure if she likes you, so you're worried." Your child will only be ready to hear your advice once they feel heard.
- 4. Show your child that you love them unconditionally.** Highlight their strengths. Rethink jokes or criticisms that are meant to be harmless, but are more hurtful than we realize. Consider working toward a goal of 5 positive interactions for every 1 negative interaction.
- 5. Stay actively involved in helping your child be successful in school.** Frequently ask them where things are going well and where they might need some help.
- 6. Manage your emotions while interacting with your child.** Work on noticing your own feelings. It can help to quietly lengthen your inhale and exhale while remembering that you can handle this temporary discomfort.



Scan this QR code for more information and resources:



*The Kauai Resilience Project: A Keiki to Career Kauai Initiative, coordinated by Kauai Planning & Action Alliance. Bringing together leaders in our community to make that difference, but we cannot do it alone. There is something for everyone in our community to do, every day, to support kids. As we reflect back on our years, ask yourself this question – Who was in your corner when you were a kid? How can you pass on what they gave you onto the next generation? Are you willing to show up and be someone's mentor? Share your story with us! Email info@kauainetwork.org.*

# Parent & Guardian Survey

Spring 2022 Parent Survey AD Campaign | brought to you by The Kauai Resilience Project: A Keiki to Career initiative, coordinated by the Kauai Planning & Action Alliance.

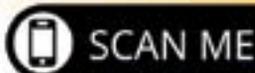


## We want to hear from you!

**DEADLINE for ENTRY: APRIL 30, 2022**

**SCAN the QR-CODE & COMPLETE the following survey to qualify for our gift certificate prize giveaway worth \$100 from a local business of your choice.**

This survey is being conducted by Kauai Planning & Action Alliance, a 501c3 organization, to gather more insights on the lives, concerns, and hopes of Kauai's youth and their 'Ohana. This information will be used to help guide our initiatives to more effectively support our Kauai youth.



# WELLNESS



L-R: Dr. Heidi Purcell, Obstetrics with Gynecology; Dr. Graham Chelius, Family Medicine with Obstetrics; Dr. Amy Guyton, Family Medicine with Obstetrics; Dr. Surachat Chatkupt, Obstetrics with Gynecology



*This year may have already begun with a lot of challenges for you and your family, but our island home is vigilant and strong and together we'll get through this as a community.*

So many changes had to be made over the past two years and not all of them we asked for. Here at the HHSC Kaua'i Region, we want to be your positive reason for change which can start with healthy choices.

Whether you are a longtime patient or new to the island and looking to make a positive change to your health, it is important to seek guidance from a physician who will meet with you and listen to your concerns, big or small and come up with a plan that'll work for you.

### **But where do you start?**

This may seem like an easy question for some, but for others, taking the first step toward healthy choices can be a challenge.

### **Dr. Ronald Fujimoto answers a few common questions:**



#### ***How does family history affect my health?***

Life holds many uncertainties. No one can predict a car accident but we can wear our seatbelts known to minimize harm. We can also better prepare for our own future health by looking at our family medical history. Many medical conditions can be mitigated knowing that genetic factors play a role on our own health. Knowing if diabetes or heart disease was a significant factor in our family history will make a big difference in how much attention and time we have to address certain behaviors. For example, regular exercise and a plant based diet can prevent these conditions before they become problems in our lives.

#### ***Why are wellness checkups important and how often do I need one?***

Wellness checkups are visits to your doctor or primary care provider to detect and treat medical conditions before they can cause symptoms or damage to your body. The visit may include filling out health risk questionnaires or getting some baseline laboratory tests. Examples of conditions found during wellness visits may include, hypertension, high cholesterol, diabetes, or depression.

more Q & A





### ***Why do I need to take a blood test?***

Certain medical conditions can only be diagnosed or managed using blood tests. Diabetes and high cholesterol are common conditions that require a blood test to diagnose and manage. The complete metabolic profile is a panel of blood tests that can tell us about the health of our kidneys and liver.

### ***What is a Primary Care Provider (PCP)?***

A Primary Care Provider (PCP) is a healthcare professional responsible for managing your overall health care needs. Your PCP may be a physician (MD or DO) or an advanced care practitioner, such as a nurse practitioner or physician assistant. They help direct your healthcare needs by coordinating referrals to specialists or special tests like MRIs. One of their most important roles is preventive care (making sure you don't get sick), keeping you up-to-date with vaccines, scheduling cancer screenings, ensuring wellness visits are kept, and being your go-to for any medical concerns. Besides being a resource for medicine, they are also valuable navigating the complex medical environment.

### ***What is a Nurse Practitioner?***

Nurse Practitioners (NP) have added training from Registered Nurses (RN). NPs are trained to assess patient needs, order and interpret diagnostic and laboratory tests, diagnose disease, formulate and prescribe treatment plans, which includes prescribing drugs. NPs are independently licensed in Hawai'i.

### ***What is a Physician Assistant?***

A physician assistant (PA) is a health care professional who works with doctors and gives medical treatment. PAs may diagnose illnesses, develop and manage treatment plans, prescribe medications, and may serve as a principal healthcare provider.

### ***What is a Specialty Care Physician?***

Specialists are doctors who have advanced training and degrees in a particular branch of medicine, such as heart health (Cardiologist) or bone health (Orthopedist). Depending on the field, many can also perform surgery.

### ***At what age should I take a screening colonoscopy test?***

A colonoscopy is an outpatient procedure that is done to examine the inside of the large intestines (colon and rectum). The examination uses an instrument called a colonoscope (sometimes called a scope). This flexible instrument, is very long and includes a camera and the ability to remove tissue (you do not feel tissue being removed). A colonoscopy is commonly used to evaluate gastrointestinal symptoms, such as bleeding, abdominal pain or changes in bowel habits (how often you poop, how easily you poop, and the color and consistency of your poop). A colonoscopy may also be used to screen for colon cancer starting at age 50. (Grade B USPSTF Recommendation)





### **What is the difference between Urgent Care and Emergency Care?**

The difference between urgent care and emergency rooms is the severity of the health problem. If the condition is life-threatening, go to an emergency room.

#### **Emergency room conditions may include:**

- Chest pain
- Difficulty breathing
- Stroke
- Head trauma
- Severe bleeding
- Loss of vision

#### **If the condition is a minor illness or injury, take advantage of the convenience and affordability your local Urgent Care has to offer:**

- Low back pain
- Painful urination
- Stomach pain, nausea, vomiting, diarrhea, constipation
- Minor cuts and puncture wounds (head, hands, fingers)
- Headache and migraines
- Skin rash
- Muscle pain or strain in the low back, knee, ankle, foot, wrist, shoulder or neck
- Ear pain or discharge
- Nose bleeds

### **I'm ready to make a positive change to my health. Where do I start?**

Today is the beginning of the rest of your life. Visit your PCP for your wellness or annual physical examination. If you don't have a PCP now is the time to get one. It is important your primary care provider is someone you feel comfortable with.

At HHSC Kaua'i Region, we are honored to serve our community with healthcare services throughout our island.

From Birth to Long-Term Care, from Sports Physicals to 24/7 Emergency Room Services at KVMH and SMMH, an Urgent Care and 6 Clinics throughout our island, our Physicians, Specialty Services and Quality Staff are here to continue to serve you and your 'ohana.

Together, let's make this year a healthy choice!  
Visit us at [www.kauai.hhsc.org](http://www.kauai.hhsc.org) 🌿





*Highway improvements fronting the facility were recently completed by Cushnie Construction.*

# Anahola Service Center – Update!

**By Beth Tokioka**

Rainy weather may have delayed completion of KIUC’s Anahola Service Center project, but it hasn’t dampened spirits in anticipation of the new facility.

“We’ve had some rain, some material sourcing and other logistical hurdles, but construction continues, and we’re working toward a second quarter completion of the project,” said John Cox, KIUC’s transmission and distribution manager.

The facility will serve as the new home of the cooperative’s east-side field operations, replacing the current location in Kapa’a that has been in use for more 60 years. Located on 4.5 acres of land leased from DHHL adjacent to the KIUC substation serving the Anahola

Solar Farm, the facility has been under construction since early 2021.

The new center will serve as a staging area for T&D operations and will house KIUC’s distribution planning team. The expanded site will serve as a storm preparation area and equipment depot for hurricane season. Response times to outages on the north shore are expected to improve when the impact of Kapa’a traffic congestion is eliminated.

In addition to providing more space than the Kapa’a Service Center, the new facility will include a community meeting room that may be used by the beneficiaries of the Hawaiian Homes Commission Act and the Anahola community at large.

Kaua’i-based Cushnie Construction Co. was awarded the bid for completion of site improvements, and building construction will be completed by locally owned Kalani Construction. The project is expected to cost approximately \$9 million.

“We appreciate the support from DHHL in relocating the service center, as well as our continuing partnership with the Anahola Hawaiian Homestead Association and the Homestead Community Development Corporation,” said David Bissell, KIUC president and CEO. “The Anahola Solar Farm has been a true collaboration that continues to benefit this community and all of our cooperative members.” 🌱



American Red Cross  
Hawaii



# Free Smoke Alarm Installation

You may have as little as

**2 minutes**

to escape a burning home

**before it's too late**



Want to help?

Join the effort

Call or go to

[soundthealarm.org](https://www.soundthealarm.org)

Every day, 7 people in this country will perish in a home fire.

A working smoke alarm can cut your risk of death in a house fire in half.

We will be installing free smoke alarms in homes from:

**March 1<sup>st</sup> to June 15<sup>th</sup>**

3 easy ways to get your free smoke alarms installed by a Red Cross Volunteer

1. Call: **808-245-4919**
2. Online: <https://redcrosshawaii.wufoo.com/forms/z12y8gbi170d9zc/>
3. E-mail: [padraic.gallagher@redcross.org](mailto:padraic.gallagher@redcross.org)

# Where Are They Now?

## Jayson Hawthorne Youth Tour 2016

2016 Youth Tour delegates, Jayson, Kamaile Bukoski, Grace Yatsko, BreeAnn Cayaban.

### By Beth Tokioka

**Q: Tell us about your background. Where did you go to high school and college? What year did you participate in Youth Tour?**

**A:** I was born on Kaua'i and raised in the Wailua Homesteads with my parents, Aaron and Denise Hawthorne, and younger brother, Tyler. I was very active in sports and spent many hours playing soccer, football and volleyball. The teamwork, focus and patience I learned playing sports are lessons that will last a lifetime. When I was not on the field, I was either in the ocean surfing or in the mountains hiking and exploring the beauty of our tropical forests. This was the foundation of my love for adventure and the outdoors.

I did manage to carve out time to give back to our community through volunteer work with programs like the American Cancer Society. My parents encouraged me to apply for 2016 Youth Tour knowing it would be a unique opportunity to see Washington, D.C. After graduating from Kapa'a High School in 2017, I attended Oregon State University and graduated in 2021 with a bachelor's degree in Civil Engineering.

**Q: How has Youth Tour impacted your college and career path?**

**A:** YT had a great influence on both my college and current career. YT offered me the chance to grow and develop my aspirations as a young adult and to see what opportunities were there outside of our island. The trip broadened my understanding of what I thought I could achieve as an individual. It encouraged me to aim big. I traveled to our nation's capital, visited prestigious monuments and witnessed culture beyond the islands. Traveling to the opposite side of the country was surreal, and it really put Hawai'i into perspective for me.

YT gave me the opportunity to build relationships with some amazing individuals and meet some influential figures. I was fortunate enough to speak with our state senators, Mazie Hirono and Brian Schatz, about the events that were happening in Hawai'i at the time. I even caught a once-in-a-lifetime glimpse of the Dalai Lama.

YT also introduced me to my fellow Hawai'i and Kansas delegates, with whom I stay in contact until today. We bonded throughout our trip as we stood in front of the Marine Corps War Memorial and gazed out over the Lincoln Memorial Reflection Pool. It was amazing to meet other delegates from almost every state across the country.



Jayson with his parents Aaron and Denise at his high school graduation in 2017.

**Q: How did you get interested in a career in engineering?**

**A:** I was introduced to the construction industry through my father's granite fabrication business. As soon as I was strong enough, I assisted with the installation of granite countertops into new and existing homes across the island. It was here that I noticed the artistry of building. I enjoyed being a part of the many hands that it takes in creating amazing structures. This is also where I learned the rewarding feeling of hard work and cooperating with others to build monumental works of art.

With this passion in mind, I enrolled in a construction design course offered by Kapa'a High School and Kaua'i Community College. I studied about the engineering industry and was educated by teachers and architects on some of the essential tools, programming and professionalism that I carried throughout my college education and still use today. These courses got me excited and educated me on the necessary steps to continue this path that eventually led me to Oregon State University. From there, it was just a matter of turning my dream into my reality. After four years, I received my degree and was offered a full-time job as a civil engineer.

**Q: Do you think programs designed to interest elementary-, middle- and high-school students in STEM (science, technology, engineering, math) careers are effective?**

**A:** Having programs in place to showcase the many avenues of STEM careers is crucial for the future STEM workforce and success of our community. Programs that introduce the very plausible STEM career positions would be extremely impactful. A simple introduction into what these professions do can allow for the individual to learn what opportunities are available.

I believe these programs would need to be structured appropriately as to welcome and guide students. They'll need to get them excited and not discourage them from STEM positions. STEM has a reputation of being an academically hard career path, and this can be daunting. Although it is true that a career in any STEM curriculum is not an easy path, there will be the next generation of leaders, scientists, engineers and researchers that will not shy away from the challenge.



**Q: What are you doing now?**

**A:** I am eight months into my career as a civil engineer working for the general contracting company Kiewit. I started in our scheduling department learning how to map out the scheduled tasks of our various projects. Currently, I am in the estimating department of their district office in Vancouver,

Washington. I'm working on evaluating and pricing out the scope of work necessary for various hydroelectric facilities, dams, bridges, etc., across the West Coast. It's an amazing experience, and I'm learning a lot.



**Q: How have you adjusted to living on the Mainland?**

**A:** It's been a slight adjustment to living full time here. Going to school on the West Coast eased me in comfortably. In Southern Washington, there are real weather seasons to experience. I can walk through the forests during the fall and see the leaves begin to change in color. Now in the winter, I get to feel the cold frosty air and play in the snow. I learned how important it is to layer clothing to stay warm, especially since I grew up wearing a T-shirt, surf trunks and slippers.

Spring is just on the horizon, and I can't wait to watch the plants and animals wake up from their hibernation and see the bright sunshine. There are other adjustments here—like food and culture that I'm enjoying, like adjusting my love for fresh ahi to fresh salmon. Life is good, but I still miss home.

**Q: What do you do for fun when you're not working?**

**A:** I'm passionate about the outdoors. I love hiking up mountains, finding waterfalls, going on road trips and lounging in natural hot springs. There is so much the Pacific Northwest has to offer, so every weekend is a new adventure. I also consider myself a bit of a food connoisseur, so between Seattle and Portland I've made it my mission to find and appreciate every quality food cuisine and beverage creation.

**Q: Now that you've been living away from Kaua'i for a while, what do you miss or appreciate most about home?**

**A:** There is a lot that I miss about home. I miss my family and friends, as well as the ocean and mountains. I think about Kaua'i daily. I've learned that I was extremely fortunate to have my childhood and upbringing there and am grateful for everyone who's been a part of my life. I know that wherever I am in this world, I have the love and support of the Hawaiian islands with me every step of the way. 🌺

# Spring Delights

## LAMB SHEPHERD'S PIE



- 1 onion, diced
- 2 cloves garlic, chopped
- 3 tablespoons olive oil
- 1 pound ground lamb
- 1 teaspoon dried chili flakes
- 1 tablespoon sea salt
- 2 tablespoons rosemary
- 2 tablespoons thyme
- 4 carrots, chopped into ½-inch pieces
- 2 parsnips, chopped into ½-inch pieces
- 1 large sweet potato, chopped into ½-inch pieces
- 1 package frozen kale
- ½ cup red wine
- 3 cups mashed potatoes
- 1 cup Parmesan and Romano cheeses

Heat oven to 350 F.

In a large pan, sauté onion and garlic in olive oil for 1 minute on medium heat. Add lamb. Brown lamb. Add chili flakes, salt, rosemary, thyme, carrots, parsnips, sweet potato, kale and wine. Cover and simmer to reduce wine, about 15 minutes.

Spread mixture in an 11-by-13 baking pan. Sprinkle with cheese. Add a layer of mashed potatoes. Bake, uncovered, for 50 minutes.

## BROCCOLI AND MUSHROOM BAKED BREAKFAST

- 12 eggs
- 2 cups of broccoli, chopped
- 2 cups of mushrooms, chopped
- 1 cup shredded cheddar cheese
- ½ cup cottage cheese
- Salt
- Pepper
- ½ block butter, sliced

Heat oven to 350 F.

Crack eggs in a large bowl. Whisk. Add broccoli, mushrooms, cheeses, salt and pepper. Pour in a 9-by-13 pan. Place butter slices on top. Bake for 45 minutes.



## FIVE-INGREDIENT CRACK DIP

- 1 block cream cheese
- 2 cups cheddar cheese
- 1 package Hidden Valley Ranch dip
- 1 package real bacon bits
- 16 ounces sour cream

Heat oven to 350F.

Combine all ingredients. Bake for 20 minutes. Serve with your favorite chips or vegetable sticks.

## Soba Salad

- 1 package soba noodles
- 1 stick kamaboko, chopped
- ½ cup ocean salad
- ½ cup Tropics Oriental Dressing

Boil soba noodles for about 3 minutes until softened. Strain in a colander with ice to cool. Once liquid is removed, toss in a bowl with kamaboko, ocean salad and dressing. Serve chilled.



## Easy Pasta Salad



- 1 box rainbow rotini
- 1 can sliced olives
- 1 can artichoke hearts, chopped
- 2/3 cup Italian dressing
- 1 cup broccoli florets

Boil pasta according to package directions. Put broccoli florets in a colander. Pour water and noodles into the colander. Drain liquid. Gently toss pasta and broccoli to mix. Remove contents from colander and place into a large bowl. Combine with olive slices and artichoke hearts. Toss with Italian dressing.

## Fast Focaccia Bread



- 2 packages rapid-rise instant yeast
- 2 cups warm water
- ½ teaspoon sugar
- 4½ cups flour
- 1 teaspoon salt
- ⅔ cup extra-virgin olive oil
- 6 cloves garlic, minced
- 2 tablespoons fresh rosemary, chopped

In a large bowl, dissolve yeast in the warm water. Mix in sugar. Add flour and salt. Whisk to incorporate, scraping the sides of the bowl so there are no dry particles. The mixture should be sticky and look wet.

Cover the bowl with plastic wrap and let sit at room temperature for 1 hour, until it doubles in size.

While waiting for the dough to rise, heat a small saucepan with olive oil, garlic and rosemary. Cook on low heat for about 2 minutes, making sure not to burn the garlic. Remove from heat and set aside.

Spread some of the cooled olive oil mixture on the bottom of a 9-by-13 baking pan. Place the dough in the pan. Spread it out to cover the bottom evenly, and make dimples in the dough with your fingers. Drizzle the remaining olive oil mixture on the top of dough and let rise for another 30 minutes. Tip: Coat your hands in olive oil so the dough doesn't stick.

Heat oven to 425 F. Bake for 30 minutes until golden brown. Cool before slicing.

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



## PESTO VEGGIE WRAP

- 1 beet
- 1 carrot
- 1 zucchini
- 1 package flour tortillas
- 1 container Boursin cheese
- 1 container pesto

Wash the vegetables and peel the outer layer of skin on the beet and carrot. Grate the beet, carrots and zucchini. Warm a tortilla in the microwave for 10 to 15 seconds, until it is pliable. Lightly spread cheese on about 2/3 of the tortilla. Drizzle pesto down the middle of the tortilla, and then sprinkle the grated vegetables. Roll tightly. Moisten the edges to keep it from unwrapping. Chill and serve. If you prefer, you can slice them into smaller pieces, about eight to 10 pieces per roll.



## SANBAIZUKE TOFU



- 1 container soft tofu, cut into cubes
- 3 tablespoons Aloha shoyu
- 2 tablespoons sugar
- 1 tablespoon water
- 1 teaspoon sesame oil
- 1 tablespoon hijiki dried seaweed
- 2 tablespoons Sanbaizuke
- Bonito flakes

Mix shoyu, sugar, water and sesame oil in a bowl. Stir sanbaizuke and dried seaweed into mixture. Place cut tofu in a bowl and drizzle sauce over it. Sprinkle with bonito flakes.

## SHUMAI

- 1 package ground pork (about 1 pound)
- 1 cup shrimp, deveined and chopped, tails removed
- 1 tablespoon oyster sauce
- 1 tablespoon shoyu
- Salt
- 2 stalks green onions, chopped
- 4 shiitake mushrooms, diced
- 1 egg
- 1 tray wonton wrappers

In a bowl, combine pork, shrimp, oyster sauce, shoyu, green onions, mushrooms and egg. Sprinkle with salt and mix well. In a small bowl, add water, enough to wet the tips of your fingers. Using the tip of your finger, moisten the edges of a won ton wrapper. Place a tablespoon of the mixture in the middle of the wrapper, crimp the edges to form a cup around the meat and squeeze to let the air out. Place in a steamer. Once all the mix has been used, steam the dumplings on medium heat for about 40 minutes.



# Statement of Operations

*For the period 01/01/2022 – 02/28/22*

Like many organizations on Kaua‘i, KIUC continues to be impacted by the loss of sales due to the coronavirus pandemic. With the lifting of many of the coronavirus pandemic restrictions, KIUC is experiencing improved kWh sales from the prior year, but sales have not come back to pre-pandemic levels. The year-to-date electricity use on the island is 13% higher than in 2021, but still 4% lower than 2019 sales. Payment delinquencies as of the end of February were more than seven times higher than average.

In response to COVID-19 financial impacts to members, KIUC suspended service limitations and disconnections from the beginning of the pandemic through May 31, 2021. Effective June 1, 2021, the Hawai‘i Public Utilities Commission lifted the suspension on disconnections. All members with past-due balances of 60 days or more must pay their outstanding balance or be on a payment plan. KIUC continues to reach out to members with past-due balances with information on various assistance programs.

KIUC is doing everything it can, while maintaining safety and reliability, 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 in order to mitigate the financial effects of the coronavirus pandemic. However, despite our best efforts, revenues and expenses totaled \$26.1 million and \$26.3 million respectively, resulting in a net loss of \$0.2 million, for the two-month period ending February 28, 2022.

As is the case for all electric utilities, the cost of power generation is the largest expense, totaling \$14.8 million or

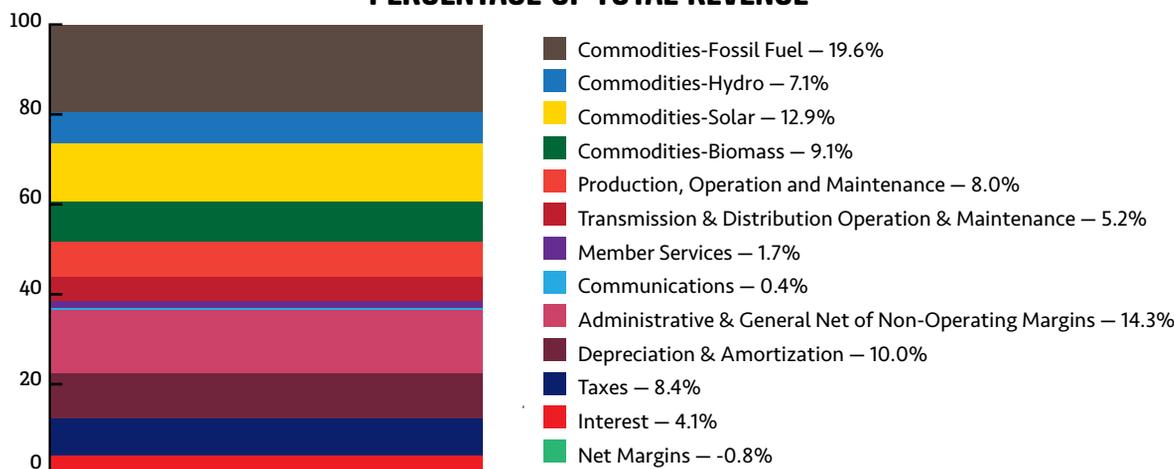
56.7% of revenues. Commodities, which are fuel and purchased power costs, are the largest component of power generation, totaling \$12.7 million or 48.7% of revenues. Fossil fuel is the largest component of commodities, totaling \$5.1 million or 19.6% of revenues. Other commodities include hydropower, totaling \$1.8 million or 7.1% of revenues; solar power, totaling \$3.4 million or 12.9% of revenues; and biomass power, totaling \$2.4 million or 9.1% of revenues. The remaining \$2.1 million or 8.0% of revenues represents the cost of operating and maintaining the generating units.

The cost of operating and maintaining the electric lines totaled \$1.4 million or 5.2% of total revenues. The cost of servicing our members totaled \$0.4 million or 1.7% of revenues. The cost of keeping our members informed totaled \$0.1 million or 0.4% 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 \$3.7 million or 14.2% of revenues.

Being capital intensive, depreciation and amortization of the utility plant costs \$2.6 million or 10% of revenues. Although not subject to federal income taxes, state and local taxes amounted to \$2.2 million or 8.4% of revenues. Interest on long-term debt, at a favorable sub-5% interest rate, totals \$1.1 million or 4.1% of revenues. Non-operating net margins deducted \$0.03 million from overall net margins. Revenues less total expenses equal margins of a net loss of \$0.2 million or -0.8% of revenues.

Margins are allocated to consumer members and paid when appropriate. 🌱

## PERCENTAGE OF TOTAL REVENUE



# Kaua'i Island Utility Cooperative Currents

Spring 2022  
Volume 19, Number 1

**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  
*3rd Assistant Secretary:* David Iha

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Peter Yukimura

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Jim Mayfield, Cal Murashige, Allan A. Smith

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Jan TenBruggencate, Peter Yukimura

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

## Strategic Planning

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

## 2021-2022 Nominating Committee

*Chairman:* Dee Crowell



4463 Pahe'e Street, Suite 1  
Līhu'e, Hawai'i 96766-2000  
808.246.4300 ■ [www.kiuc.coop](http://www.kiuc.coop)  
[currents@kiuc.coop](mailto:currents@kiuc.coop)

HI-130

# SmartHub

## Easy Electric Account Access Available Now!

At Kaua'i Island Utility Cooperative, we know you're busy and always on the go. So why shouldn't your electric account be accessible on the go, too?

That's why KIUC has SmartHub—a new online and mobile tool to help you connect to your electric account with the click of a mouse or the touch of a screen.

SmartHub is accessible from your computer at [www.kiuc.coop](http://www.kiuc.coop) or through the free SmartHub App (available for your Android or iOS device).

Pay your electric bill, view last week's or last month's electric use and more with SmartHub. Take control by getting the information you want, when you want it.



**SmartHub: Power at Your Fingertips.**