

Winter 2022

Kaua'i Island Utility Cooperative

# CURRENTS

Celebrating 20 Years



## Inside:

KIUC's Rate Case  
Holiday Safety Tips



# Aloha Island Team



**KAREN L. AGUDONG, REALTOR(B)**

RB-17447

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

*Happy Holidays!*

**SO THANKFUL FOR MY CLIENTS!**



## 131 ALEO ROAD – 2 HOMES IN WAILUA HOMESTEADS!

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



## KAHA LANI #122- OCEANFRONT

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



## 3582 MOLOAA ROAD

Breathtaking Molooa Bay Views from this two story beach home located almost at the end of the road by Molooa Bay. Main living area is all upstairs with gorgeous blue ocean, mountain and stream views. Very bright and spacious with open living area and high ceilings. Custom working elevator is located on the exterior of the home. Owner pride is seen throughout this gorgeous home with many unique and custom features. \$1,195,000(fs) Call: Karen L. Agudong, REALTOR(B) (808) 652-0677.



## 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 Kukuioolono Golf Course and a short drive to Poipu! \$269,000(fs). Seller financing may be possible contingent on terms and down payment. Call: Karen L. Agudong, REALTOR BROKER (808) 652-0677.



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

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

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# Kaua'i Island Utility Cooperative *Currents*



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**EDITOR**

Beth Tokioka

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**ON THE COVER**

KIUC past and present directors celebrated KIUC's 20th anniversary. From left are, Peter Yukimura, Jim Mayfield, Walt Barnes, Phil Tacbian, Ron Kouchi, Cal Murashige, Dee Crowell, Ray Paler, Derek Kawakami, Susan Stayton, Allan Smith, Clyde Kodani and Jan TenBruggencate.

**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

*The county of Kaua'i's election ballots have all been counted, but there is another election coming up we need all KIUC members to take part in.*

*As a not-for-profit, member-owned cooperative, residents are represented through a board of nine elected directors. Each year, three of those directors are up for election. The next election is Saturday, March 18, 2023.*

*Serving on KIUC's board of directors for a total of 13 years has been a huge honor and an incredible learning opportunity for me. I encourage anyone who wants to serve their community and be more involved in KIUC's inspiring work to take a closer look at the election process and participate in the election.*

*Directors can spend up to 20 hours a week in meetings and workshops reviewing co-op business. They work with the CEO and set the strategic plan for the organization, such as the most recent goal to reach 70% renewable energy by 2030.*

*Earlier directors can be credited with forming the cooperative, giving Kaua'i energy independence, researching and implementing renewable options, and learning about new technology and how to better serve members and keep costs low.*

*More information about KIUC elections can be found on our website at [kiuc.coop/election](http://kiuc.coop/election).*

*Please take the time to learn about candidates and vote in our 2023 board of directors election. As a co-op, we depend on all our members to be the best utility we can be.*

*Mahalo nui loa,  
Allan A. Smith*



## Board Actions

***Below is a summary of some of the actions taken by the KIUC Board of Directors in September and October 2022.***

### September 23, 2022

Motion carried, KIUC discussion draft Strategic Plan Update 2023-2033.

Motion carried, refining strategy in seeking permits for land at Blue Hole.

Motion carried, proposed management contract.

### October 27, 2022

Motion carried, approval of Nominating Committee member for the 2023 director's election.

Motion carried, board approval request form for KIUC to match employee/director donations for 2023 KUW campaign of up to \$50,000.

Motion carried, approval of CEO contract.

# Serving as KIUC's "Utility Man"

By Teofilo Phil Tacbian, Board of Directors and Past Chairman

I was first elected to KIUC's board of directors, along with Peter Yukimura, in 2005. After serving for 50-plus years on boards and commissions for the county and state, and as congressional liaison to Daniel Akaka, I was recruited by Ron Kouchi—now our state senator—to run for the KIUC board.

Looking back over the years, I am amazed at how far our co-op has come. Here are some of the highlights and inspiring things I've learned from serving the past 17 years:

- ❖ The National Rural Electric Cooperative Association played an important role in the creation of KIUC, and continues to support our co-op through training and networking opportunities. One thing that makes KIUC unique is we're a stand-alone co-op, which means we generate, transmit and distribute our electrical energy. We don't have the luxury of buying our power from big power companies, like most mainland co-ops do. We do it all!
- ❖ In 2002, we had the highest electric rates in Hawai'i. Fast forward to 2022. Since May, our rates have been the lowest in the state.
- ❖ Our first Strategic Planning Committee was chaired by an energetic young man who went on to serve our community at the county and state levels. You might recognize him: He is now known as Mayor Derek Kawakami.
- ❖ Early on, renewable energy was one of our most pressing concerns. We thoroughly researched ocean, wind, solar, hydropower and biomass options. Of these sources, solar became the most successful, which is now evident around the island. We continue working with community members to pursue hydro in a responsible manner.
- ❖ When we first requested proposals for renewable energy projects, only one project was approved out of four submissions. The Green Energy biomass plant, now called Mahipapa, became our first renewable project and still operates today.
- ❖ KIUC has embraced innovation throughout its history. Our first solar + storage plant owned by Tesla (formerly Solar City) next to the Kapaia Power Station was the first of its kind in the world. The solar + storage facility built in Lāwa'i by AES was the largest of its kind when it was built.



- ❖ New technologies, such as advanced metering infrastructure and LED streetlights, have been used. We heavily promote programs that promote energy efficiency, such as solar water heater rebates, to our members.

Our co-op has overcome many challenges throughout the years. I feel honored to serve our members with this board of directors headed by Chairman Allan Smith; and our staff, headed by president and CEO David Bissell.

As we celebrate our 20th anniversary, I would like to acknowledge the people who started KIUC and what they went through to acquire Kaua'i Electric from Citizens Utilities.

Looking back, I started in public service at age 23 on a utility board—the Board of Water Supply. Now it looks as if I will end my public service career on another utility board. Kinda cool, eh? When I eventually retire from the board, you can refer to me as "Utility Man." 🌀

# 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. ☪



# Solar Power Flashback: Sunrayce 93 – Ka‘a La O‘Kaua‘i

By David Iha

Thirty years ago, the hottest new sport on college campuses was Sunrayce 93.

When I was provost of Kaua‘i Community College in 1991, the U.S. Department of Energy invited all higher-learning institutions in North America to submit proposals to design and build a solar car. The objective was to promote the use of renewable energy sources and raise confidence in alternatives that make fewer demands on the global environment.

The team from KCC—the smallest of the University of Hawai‘i’s 10-campus system—was one of 36 teams selected to participate. Competing against major colleges and universities, KCC was only one of two community colleges in the race.

A team of students representing diverse disciplines—technology, business and liberal arts—was organized to build the aerodynamic vehicle with a teardrop-shaped, foam-core carbon fiber sandwich composite shell. Eight hundred photovoltaic cells covering the car’s surface were used to charge seven batteries that powered an 8-horsepower electric motor. The single-seat vehicle had a maximum speed of about 55 miles per hour.

Mid-project, Hurricane Iniki devastated Kaua‘i. KCC suffered major damage to its campus. Faculty and students gathered to survey the damage. They decided that despite the setback, they would continue to go for it.

The team garnered community support to raise funds. As a fundraiser, they displayed the PV cells at the Kaua‘i County Fair and Kukui Grove Shopping Center, and community members were invited to “sponsor” a cell. The team raised close to \$150,000 for materials and travel costs, and received a \$4,000 grant from the DOE.

The 1,100-mile race began in Arlington, Texas, on June 20 and finished seven days later in Minneapolis, Minnesota. KCC’s car started in 30th place and ultimately finished ninth out of 34 cars.

DOE awarded KCC first place for team video presentation, second place for artistic design, and the Spirit of Sunrayce 93 Participants’ Choice Award. Japanese representatives from



KCC’s Sunrayce 93 solar car on display in Tokyo, Japan.

Honda Motors and Citizens Watch invited the team to an all-expenses-paid trip to Japan to participate in a solar car parade at the Ginza in Tokyo.

A technical report for the event commented, “Kaua‘i, with its good-natured crew, its brilliant blue and gold graphics, and its meticulously smooth paint finish, was the spectators’ and photographers’ favorite along the race route. The team members were favorites in the evening as well, because several times they performed their lilting island music and Hawaiian dancing. Kaua‘i also placed first among the two-year colleges and finished ahead of most of their four-year brethren—quite an accomplishment for a small isolated technical program.”

As I recall these events from three decades ago, I’m reminded that the path toward any lofty goal—such as reaching 100% renewable—starts with small steps that grow bigger over time. 🌱

*David Iha had a 40-year long career at the University of Hawai‘i, including 27 years at Kaua‘i Community College, 16 of which he served as provost (now known as chancellor). He notes that KCC faculty and students did almost all of the Sunrayce 93 work, and he was involved with fundraising for the project.*

# KIUC to File Rate Case

By Beth Tokioka

For only the second time in its 20-year history, KIUC will ask the Hawai'i Public Utilities Commission for an increase in base rates by the end of 2022. A base rate is the fixed kilowatt-hour charge for electricity consumed that is independent of other variables.

"Nobody likes to increase rates," says David Bissell, KIUC CEO. "KIUC has had the lowest energy rates in the state since May 2022, but like everyone around the world, we've been affected by inflation and higher interest rates, which will likely continue to increase costs."

## The Good News About Rates

KIUC's rates have stabilized significantly during the past 10 years, thanks in great measure to replacing fossil fuel with renewable energy purchased under long-term, fixed-price power purchase agreements. "We estimate the increasing use of renewables has saved KIUC members \$35 million since 2010," David says. "We're especially proud of the fact that while KIUC's rates were 70% higher than Oahu's when we became a cooperative in 2002, we now have the lowest rates in the state."

With 70% of KIUC's generation coming from renewables in 2021, the impact of the recent oil price spike has been minimal for members. While electricity rates on Kaua'i have risen around

10% since early 2021, the rest of the state has experienced increases from 30% to 50%.

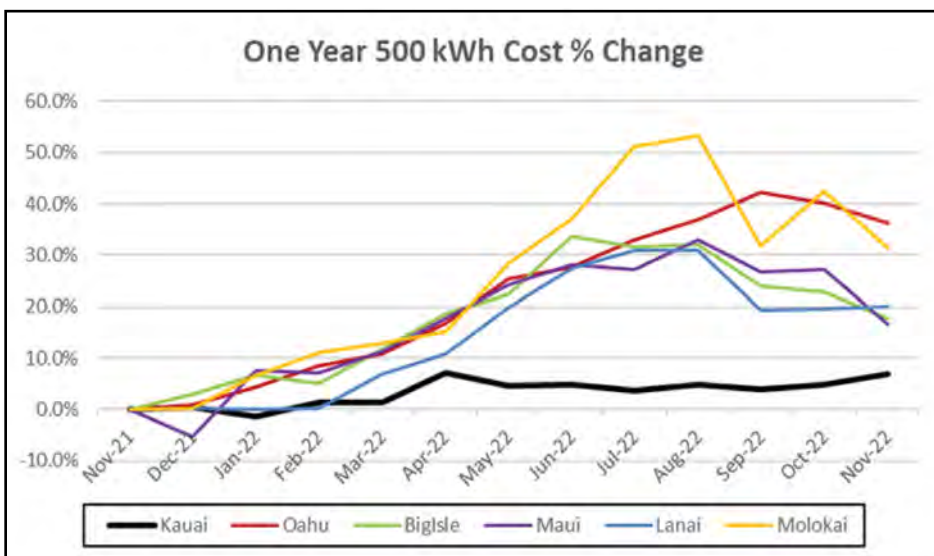
## Why a Base Rate Increase Now?

Since the last base rate increase in 2010, the consumer price index has risen around 36% cumulatively in Hawai'i. While KIUC has managed to keep its controllable cost increases to roughly 25% during the past 12 years, electricity sales have not kept pace.

"There is a growing gap between expenses and revenues," says KIUC Chief Financial Officer Stacie Dellamano, noting

sales have increased only 5% since 2010. She explains that inflation, along with escalating costs associated with endangered species compliance and more than \$80 million invested in improvements to the grid and IT infrastructure, have created pressure on KIUC's balance sheet over time.

"As a not-for-profit organization, KIUC needs to maintain a comfortable net margin, which is the money left over from sales after subtracting expenses," Stacie says. "In the past few years, margins have decreased to the point that we are in danger of no longer meeting lender requirements."

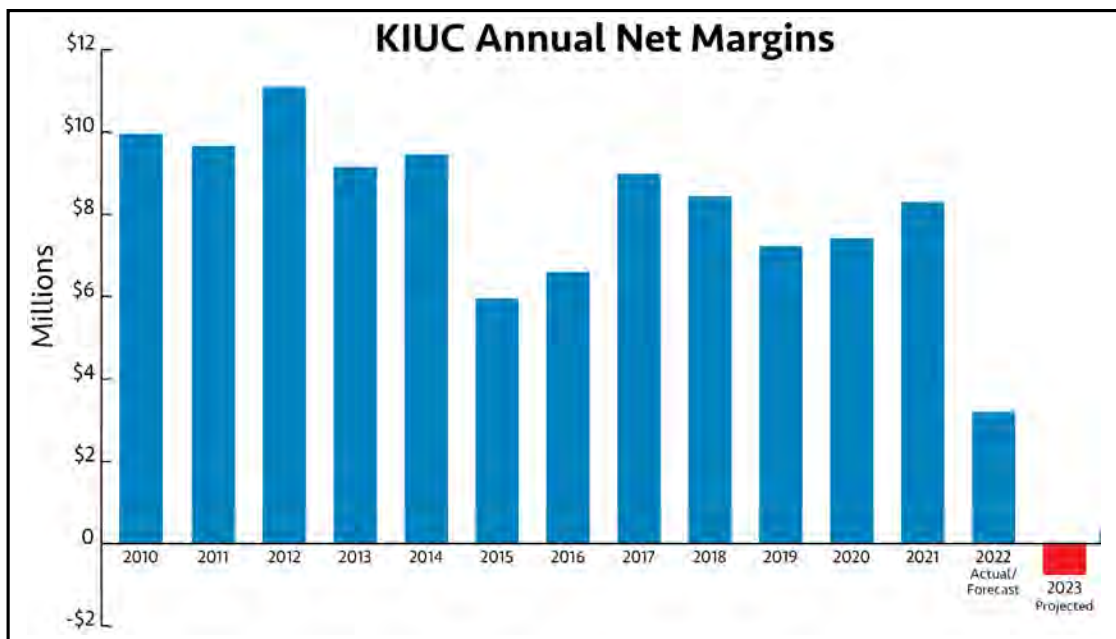




## Ways We've Saved

KIUC has been able to avoid asking for a base rate increase for the past 12 years through a variety of initiatives, such as replacing oil with renewables; restructuring and refinancing debt; receiving a Paycheck Protection Program loan, which was forgiven; and decreasing the total number of employees. New renewable projects in development, such as the West Kaua'i Energy Project, will further reduce dependence on fossil fuel and stabilize rates. In addition, \$43 million has been returned to members, mostly in patronage capital, since 2003.

Although the rate request will be filed in December, residents likely won't see an increase until late 2023. KIUC is dedicated to being transparent and will continue to keep



residents informed throughout the process. Members are encouraged to sign up for email updates at [www.kiuc.coop/stayconnected](http://www.kiuc.coop/stayconnected).

**We want to help! Check out KIUC's many energy-efficiency and rebate programs in the "Energy Wise" section under the Member Services tab on KIUC's website, [www.kiuc.coop](http://www.kiuc.coop).**

THE Kaua'i Resilience Project | [www.kauaiskidsareyourkids.org](http://www.kauaiskidsareyourkids.org) | Hau'oli lā Ho'omaha

## Fill the Stockings of Our Keiki with...**JOY**

**The holidays are here and nearly everyone is thinking about what to get for the kids on their list. One thing we hear from Kaua'i youth is that they would like the gift of time. Your time. You matter to them.**

**The Kaua'i Resilience Project wants us to know that our kids need us now more than ever. They need your gift of time - as well as your love and support. Every child needs someone in their corner.**

*We are grateful for your partnership and continued support in our efforts to provide for the needs of our keiki and their 'Ohana. We want you to know that each of you are such a blessing to us and your generosity and willingness to provide for the needs of our Kaua'i community doesn't go unnoticed. Mahalo nui loa for all that you do and we look forward to continuing to work alongside you. We appreciate each and everyone of you.*



SCAN HERE



THE GIFT OF GIVING. MAHALO FOR YOUR SUPPORT!

**To further support the Kaua'i Resilience Project, use our Amazon Smile partnership in the Amazon app or on a desktop computer by searching "Kauai Planning & Action Alliance Inc" This automatically donates a percentage of your purchase directly to the Kauai Resilience Project- A Keiki to Career initiative, coordinated by the Kauai Planning & Action Alliance, a 501c3 nonprofit organization dedicated to bringing together and guiding action teams and committees to develop and implement solutions to Kauai's priority issues. Together, we can accomplish great things. For more info on The Kauai Resilience Project, visit us online at [www.kauaiskidsareyourkids.org](http://www.kauaiskidsareyourkids.org) | [info@kauainetwork.org](mailto:info@kauainetwork.org)**



Kaua'i Veterans Memorial Hospital  
Samuel Mahelona Memorial Hospital  
Kaua'i Region Clinics

*E Pono Mau Loa ~ Always Excellent*



Lance K. Segawa, FACHE, MPH, NHA  
Regional Chief Executive Officer  
HHSC Kaua'i Region

# Happy Holidays 2022!

Four years ago, we began our "Journey to Excellence" to continuously improve our healthcare services on Kaua'i... this includes:

## Making the patient experience our top priority.

Our employees are committed to excellence, striving to provide premier healthcare with a customer service heart.



## Creating a great place to work.

Employees are our most important resource and deserve the best work environment we can create. It is through this effort that we can assure a positive patient experience.

## Modernizing our aging hospitals and clinics.

Creating our ideal patient experience requires facilities that are clean, modern, comfortable, and easily accessible.



KVMH ER Department  
Renovations in progress

## High quality healthcare is passionate people making a difference.



We are proud to celebrate one of our physicians, Dr. Bernard Riola, being named a Hawaii Healthcare Hero for 2022! The Hawaii Healthcare Hero Award program is an annual program sponsored by the Healthcare Association of Hawaii which recognizes healthcare professionals across the state doing exceptional work. Dr. Riola is a Pediatrician at the Clinic at Waimea and was nominated by a parent of one of his patients. His passion, heart, and clinical competency really defines Dr. Riola. He truly represents the best of Kaua'i and our journey to excellence!

*"I don't feel like I do anything extraordinary. I come in, do my work, and care for my patients like they are family. I am blessed to be in a profession where I can help keep kids healthy and guide them to adulthood so they can reach their full potential. None of this would be possible without the support of the hospital administration, my colleagues, and my support staff. They make my job easier and enjoyable, so thank you."*

Bernard Riola, MD



**Bernard Riola, MD**  
Pediatrics  
The Clinic at Waimea  
(808) 338-8311



Hawai'i Health Systems Corporation (HHSC) is the State of Hawaii's hospital system with facilities on every island. HHSC Kaua'i Region operates Kaua'i Veterans Memorial Hospital, Samuel Mahelona Memorial Hospital, and the Kaua'i Region Clinics.

*With optimism we look forward to 2023 as our journey to excellence continues.*

[www.kauai.hhsc.org](http://www.kauai.hhsc.org)



*KIUC employees recently celebrated the cooperative's 20-year anniversary.*



It's hard to call Kaua'i Island Utility Cooperative, which celebrated its 20th anniversary in November, anything but a success.

"It's been rewarding to watch KIUC grow from a dream imagined by community members into a recognized industry leader across the nation and the world," says Jim Mayfield, one of KIUC's founders and a current member of the board of directors.

KIUC was established as a member-based, not-for-profit cooperative when it was bought from Kaua'i Electric Co. in 2002. The move was initiated by local community members

who wanted more autonomy over utility operations and rates. Throughout the years, diversifying power sources to improve reliability and address climate change concerns also became a priority.

When the cooperative was initially formed, Kaua'i's electric rates were more than 70% higher than Oahu, and almost all of the island's power was generated using fossil fuels. Today, KIUC has the highest percentage of renewables in Hawai'i. For the past six months, KIUC has posted the lowest electricity rates in the state.

"Over the years, our board of directors has set aggressive goals for KIUC with high expectations for success," says David Bissell, KIUC's president and CEO. "Because of their vision and leadership, KIUC now provides the cleanest, most reliable and lowest priced electricity in the state of Hawai'i."

The benefits of operating as a cooperative are many, and stretch beyond reliable power generation and delivery. KIUC supports the community through programs such as Youth Tour, the annual calendar of student art contest and the Sharing of Aloha grant program.

KIUC Board Chair Allan Smith notes that high expectations for the cooperative will continue.

"Reaching 100% renewable at the earliest possible date is a priority for us, along with improving grid resiliency, maintaining financial stability and expanding services for our members," he says. ♻️

# KIUC's Achievements



**November 2002:** The sale of Kauai Electric to Kauai Island Utility Cooperative is approved. The cooperative begins operations with zero percent equity and the highest electricity rates in the state.

**2006:** Kauai's long-term generation, transmission and distribution needs are studied. Plans are developed to improve reliability and diversify energy resources.

**2008**

**January 2008:** KIUC's board of directors unveils the cooperative's first strategic plan, including a goal to reach 50% renewable energy by 2023.



**December 2010:** Kauai's first utility-scale solar farm, REC Solar in Kapa'a, begins selling power to KIUC.

**2006**

**2004:** KIUC conducts a study to evaluate the feasibility of renewable generation on Kauai.

**2004**

**July 2011:** KIUC continues to retire patronage capital to members for a total of \$25.4 million retired since 2002.

**2011**

**2012**



**September 2003:** The first KIUC annual membership meeting is held.

**2003**



**April 2012:** Installation of advanced metering infrastructure begins as part of KIUC's effort to upgrade its power distribution system.

**2002**



**February 2003:** KIUC holds its first board of directors election.



**August 2014:** KIUC's Kōloa Solar project comes on line, serving nearly 6% of Kaua'i's energy needs and reducing fossil fuel consumption by 1.7 million gallons a year.



**2016:** KIUC members are introduced to SmartHub, an online customer information system that allows members to view their energy use, pay bills and notify KIUC about service issues.



**January 2017:** Kaua'i is the first county in the state to convert all of its streetlights to LED technology, offering reduced energy use, a longer lifespan and lower maintenance costs.

**November 2015:** KIUC's second utility-scale solar project breaks ground in Anahola. It will reduce Kaua'i's carbon dioxide emissions by 18,000 tons per year.

**2016**

**January 2017:** The KIUC board adopts a new renewable energy goal for Kaua'i: 70% renewable by 2030.

**2017**



**December 2017:** The first generation for the grid on 100% renewable solar periods. It replaces conventional gas condenser mode...

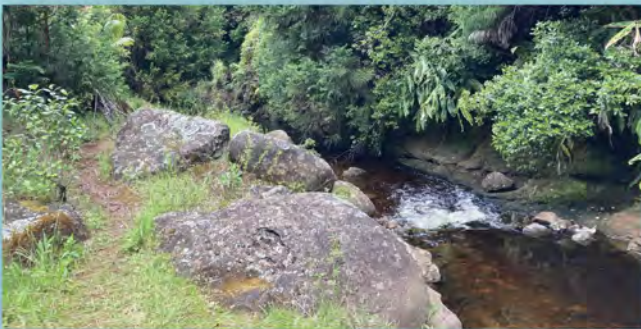
**2015**

**2014**



**March 2017:** The world's first utility-scale solar + battery storage facility, owned by Tesla, is unveiled in Kapaia.

**2018**



**April 2017:** KIUC signs the Historic Waimea Watershed Agreement, creating an opportunity for development of the West Kaua'i Energy Project—a pumped storage hydro renewable energy facility that will also deliver irrigation water for agriculture on state-owned lands.

**September 2018:** The new website includes other resources, seeking input and support...



**June 2020:** KIUC is named “Electric Cooperative of the Year” by Smart Electric Power Alliance. The number of rooftop solar/PV systems on Kaua’i exceeds 5,000.

**2021**

**May through November 2022:** KIUC reports the lowest electricity rates in the state.

**2020**

**December 2021:** KIUC leads the state of Hawai’i with nearly 70% renewable generation and reports the state’s best reliability statistics for the second straight year.

**2022**



**September 2019:** KIUC exceeds 50% renewable energy for the year and begins running its largest renewable energy during high demand. This is enabled by its largest generator running in synchronous mode.

**2019**

**December 2018:** KIUC’s website is redesigned. It includes an outage map and resources for members. Information, resources and support.



**January 2019:** KIUC and renewable energy partner AES unveil the world’s largest solar + battery storage facility in Lāwa’i.



**April 2022:** KIUC reaches \$134 million in equity. Since 2002, the co-op has cumulatively returned \$43 million – including \$35 million in patronage capital – to members.

# 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](http://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  
Līhu'e, HI 96766-2000



## 2021

Aalona Chirsti-Ana	Brooks James S	Daligcon Natasha C	Giarman Muriel L	Ichikawa Kristine C
Abdulhadi Haytham R	Brown Bruce A	Das John K	Gifford Sherry L	Ikehara Keio
Abreu John G	Brown Danny L	De Fabian Karren Jane	Gillette Gavin J	Intl Hair Design
Acoba Frederick P	Brown Darrelyn P	De Fabian Lowen	Gladys Bty Salon	Ishiki Robert
Aguirre Crystal H	Brown Valerie	De May Lynn	Goddard Catherine	Iwai Mildred
Ahmed Saleem	Browne Aubrey Anne	Defosses Andre A	Golden Monique E	Jaramillo Matthew J
Aloha Med Spa Inc	Brulc Robert A	Dehaan Markham K	Gonsalves Dustin D	Jay David
Alop Rufina D	Brun Arthur J	Del Conte Jared	Good Christopher	Jepas Vergel D
Alsabagh Ryan	Brustowicz Lisa	Del Sol Hawai'i	Gorospe Teodoro O Jr	Jian Cai
Amaral Archie	Buchholz Bradley	Delos Reyes Jace B	Graham Karen L	Jjgrat LLC
Anderson Marjorie	Budde Derek R	Denigris Alfred L	Gray Claudia E	Johnny Diana
Anderson Susan R	Buiwitt John M	Densmore Clare	Great Rearranged LLC	Johnson Sandra L
Aquino Jaslin N	Burke Thomas A	Denton Jeffrey A	Griffin Susan	Jolly Brian K
Arthaud Lynn M	Butac Marino	Dipaolo Frank A	Griffith Brian K	Jones Christopher W
Arthur Pomai	Butler Robert	Dodd Barbara	Grotticelli John V	Joosten James
Arzamendi Samson	Byerle Brad T	Dodel Derek L	Grusser Jan	Joseph Shawn
Baber Kristina A	Bynum Tim	Doliber Nathan B	Gudbrandsen Sharon L	Kagawa Dain Thomas H
Bacino Danny T	Cain Patrick H Jr	Donovan David A Jr	Guild Group Batavia	Kakimoto Owen
Baer Christopher R	Calisher Ronald J	Dooley Caroline E	Haas Melody M	Kalalea Anehola Farmers Hui
Bajnoczi Otto	Calm Incorporated	Drawsand August J III	Halligan Bryanna E	Kali-Abihai Kalen
Baker Laurent	Canseco Victor E	Dunn Erin M	Hamilton Cory	Kama Dolores
Baldisseri Patricia R	Carillo Jennifer A	Durant Nohea K	Handtmann Janet L	Kammersgard Dana W
Baldwin Blake A	Carlos-Kahalekomo Chelise	Dureg Audwin	Hanks Bradley D	Kane Sheldon M
Ball Bradley J	Carter Thomas C	Ecker Maggie M	Hanohano Serena	Kaneshiro Kye J
Ballesteros Rodolfo L	Castillo A Jr	Eiland Robin T	Harmon Amy E	Kanoa Edith
Balsom Cora J	Castle James A	Enrique Jowell	Harmon Pamela L	Kanoho Robynne D
Baniaga Pedro P	Catalano Phillip J	Estate of J R Weir	Harrison Cherie C	Kauahi Heizel V
Barbieri Amber	Cataluna Adam Z	Estep Jon-Michael	Hartje Richard	Kaua'i Granola LLC
Batteiger Joe	Ceria Ursula U	Evans Laura P	Havas Alfred P	Kaua'i Made Films
Bauer Ashley R	Chang Christian Jr	Fahey Kevin	Hayes Mark F	Kaua'i Real Estate Group LLC
Behling Paul A	Chavarria Sabrina	Ferguson Michael	Heintzleman Mark S	Kaua'i Self Serve
Bejo Britney	Chiarretto Lucas M	Fernandez Josephine B	Hempey Dan	Kauakahi Destiny S
Bell Michelle	Childress-Murphy Nancy Ann	Fhc Inc	Henderson Georgia	Kauakahi Winifred
Belt Andrew A	Ching Sheilah K	Figueira Austin	Hendrickson Greta	Kay Jeffrey S
Bender Ralph D	Chock Janelle A	Fishburn Denese E	Henning John	Keating Natalie J
Benitez Dennis	Chow Fumiko H	Fleming Adeline	Henry Troy M	Kellow Jacob
Bennett Gary	Chow Kelvin	Flood Heather E	Heral Donald R	Khein Alexander
Bennett Justine	Churney Robert E	Flores Bobbye	Hicks Sarah L	Kimura Theresa B
Benson Elizabeth	Cline Kaitlyn D	Flores Jonathan	Hilina Foundation For	Kinney Kathleen
Bertulfo Clint	Cohler Alan	Flores Leimomi J	Movement	Kinzer Jeannette
Bever Jessica A	Colby Henry	Folsom Margaret L	Hirata Jukichi	Kooiman Joseph
Biederman Dave	Cole Sylvia	Folsom Mary M	Ho Valerie	Korn Nickelson
Biel Jason	Collado Agripina	Folsom Sara S	Hochwarter Raymond	Koteles Sarah N
Binder Robert A	Conradi Ann	Ford Linda Ann	Hodgkinson Chris	Kozak Jeffrey
Blackburn Greg	Corbett Katy	Forgione Mary	Hogan Daniel R	Kreuch Matthew J
Blackstad Tiffany K	Corpuz Gage	Fredericks Eric H	Honjo Magdalena	Kugler Greta L
Blair Marlene	Corpuz Giochele A	Fugate Rachel	Hooker Clinton G	Kuhns Lauren
Boehm Kyle L	Cosgrove Ashlynn B	Fujii Janet	Hope Treatment Services	Kuine Dreams Inc
Botelho Lot K	Costa Eugene	Fune Adela M	Hornbeak Gerald A	Kyle Brandie
Bowen Mourad	Cowan Bruce	Gabrielson Jeffrey S	Hosaka Bryce K	La Marr Lori A
Boyd Roger	Cramer Erin	Galang Avelin S Jr	House Lonnie G	Laidlaw William
Brandenburg Jeffrey	Crowell William	Garcia Krystin-Marie	Hoy Christopher M	Lamb Allan R
Briggs Ronald E	Cunningham Daniel G	Garcia Rosita	Hps Hanahou Pro Services LLC	Lambert Steven
Broadbent Lani T	Cynthia Faye Salon LLC	Garcia Hernandez Ricardo	Hughes Tanya	Larsen Jodi S
	Dagel Candie L	Gardner Clarence	Hulama Gerard K	Lau Maria-Elena
	Daida Sadamu	Gfeller Julien	Humiston Douglas	Lee Jennifer J

Lee Tomasine P	Mmg Kaua'i LLC	Perpose Ernesto	Sarmiento Lillian R	Torcato Mckenna R
Leikam Kristin R	Montgomery Thomas W	Perretta Louis J	Sasaki Dorothy K	Treece Deborah E
Leines Joshua	Montna Alfred G	Peterson Bryan L	Sasaki Shelsy N	Trethewey Michael
Lemke Kainoa M	Morales Tante S	Pho Nolan	Sato Katherine D	Trinity Fitness Kaua'i Inc
Leonhardt David A	Morgan Jeffrey J	Piazza Paul C	Saulibio Leonora	Tucker Monique E
Levesque Chandra	Morita Lori L	Pidcock Jacob	Schafer Deanna M	Tucker Pamela A
Lewis Maria	Moriwake Kazuto	Piliere Alana	Schneeberger Nicole	Turner Kelsey
Lichte Douglas D	Mraz Matthew	Planas Joshua	Scholes Chris	Turner Lucia
Lindquist Craig W	Mueller Angela	Poehnel John S	Schroeder Sarah Ann	Two Sams Properties
Live A Little	Mueller Lee S	Polfer Ryan	Scopacasa Andrea	Ulmer Chad M
Llego Catalina	Muise Warren J	Ponce Esther	Seeger Adam	Unanian Elizabeth
Lopez Albert R Jr	Mukai George	Ponikoff Sarah R	Select Portfolio Servicing Inc	Under The Sea Kaua'i
Lopez Dominc J	Muraoka Satoshi	Poppe Sheila	Shayler Cameron	Urminska Olga
Lopez Eddie	Murillo Olga O	Powell Tanner J	Sheehan Paige	Van Balen Fine Jewelry Inc
Lovaas Leeland M	Murphy Alexa	Prado Jannet	Shimokawa Shikio	Vargas Jennica
Low Janey	Myer Neil J	Praise Chapel Waimea River Mou	Shofner Michelle A	Vegas Maxine
Ly Dereck	Nagata Kiani A	Prince Shay F	Sialana Paul	Vidal Danielle
Mahuiki Samson K	Nakaahiki Benny	Proctor Terry	Sirstins Aileen	Villanueva Dionisia
Mai Dennis Q	Nakaahiki-Young Brandi L	Quereto Nephi K	Smith Alexandrin	Vitt David
Malkemes Mackensie	Nakaya Kayla K	Quinette Richard T Jr	Smith Matthew	Vynne Megan
Malson Laine M	Napohaku James D	Quinsaat Jose A	Smith Nathan W	Wade Charles
Manaku Jewel	Nash Susan	Racca Chauncie L	Soares Kelly K	Waechter Eric W Jr
Mancari Francis J Jr	Natividad Felisa	Ramos Bruno Jr	Sokolow Taryn M	Wainer Corinne M
Mande Josephine V	Nemeth Lora L	Ramos Erlinda P	Solak Annah M	Walcott Braxton B
Manier Jeffrey	Neumann Noah D	Ramos Joylene M	Soliven Randy	Waldon Stephen
Manutai Larie K	Nihipali Donald	Rapozo Justine L	Somalpong Gloria J	Watson Cheryl M
Mariani Cherish	Nishi Genea L	Rapozo Tyra L	Soria Bradley S	Watson Karin L
Maronn Sarah	Nishimoto Brian	Rath Steven T	Soriano Eddie B	Watumull Properties Corp
Marshall Debra	Nishimoto E N	Reed Arien W	Soriano Jeremy	Wayne John A
Martinez Anna M	Nishimoto Yasuko	Reiley Jeffrey C	Souza Julia O	Webster Jimmie C
Martinez Francisco R	Niwinska Teresa	Reiprich Corin E	Souza Lainie K	Welk Angelina
Matulich Marc A	Nom Kaua'i	Relacion Nicole L	Springer Jenica E	West Jennifer
Maurer Sharon	Nonaka Conrad	Renz William D	Stadlen Lewis	Wetzler John
Mc Guigan Evan	Nuesca Keliann R	Rivera Cameron R	Star Protection Agency LLC	White Gary L
Mccampbell William	Nunes Diane	Roberts Jacqueline	Stave Joseph L	Wilbanks Clay C
Mccleary Lorena	Nunes Wendell	Robinson John T	Stearn Edward P	Wild Kaua'i LLC
Mcclure Peggy A	Oconnor James	Robinson Scott C	Stebbins Jacobs	Williams Rachel J
Mccormick Delphine P	Oganeku Karl	Rochna Gregory D	Stephens Guy	Williams Roger A
Mccoy Milly	Okinaka David K	Rodelo Miguel	Stiles Rhea J	Wilson Melvin A Sr
Mcdonald Nathan	Olanolan Michael	Rodriguez Stephane	Stone Concepts LLC	Winter Hawley D
Mcfarlane Omar	Olson Elizabeth L	Rook Arthur R	Sueyasu Haidee	Wise Samantha
Mcgalliard Lisa M	Ontiveros Justin J	Rowe Alexis M	Supino Abraham J	Wynne Leslie L
Mcgee Jordan	Openshaw Justin J	Ruiz Alfred	Sutton R Hunter	Y-68 LLC
Mcguire Robert	Ortiz David N	Ruiz Devin T	Suzukamo Yoshio	Yadao Lauralee
Mckeague Ryan G	Otoman Cipriano	Russell Sean F	Switzer Yasmy J	Yamamoto Paula
Mckinney Chadwick B	Pacific Basin Inflatables	Ryan Laurence W	Tailfeathers Daisy M	Yamamoto Rebecca
Medeiros Jos A	Pagni Teshina	Ryan Thomas C	Takemoto Connie	Yamamoto Robert H
Medeiros Shandie A	Pai Tash L	Rycewicz Todd R	Taylor Marvin	Yaris Michelle U
Meguro Aryn	Paradiso David M	Saberon Rosemary	Taylor Theresa	You Ryan D
Mehlhorn Glen E	Paris Esther E	Sabio David M	Texeira George	Young Michael K
Melchor Rosamilia	Patch Angela	Saiki Kirk I	Thomas Aletha A	Zarate Aboytes Abad
Mele Kai Pono LLC	Pate Joseph	Santillano Sergio C	Thompson Raymond E	Zietz Hailey
Merkel Joseph	Patty Bernard E	Santos-Yadao Whitney	Thornburg Thomas W	Zuvich Connor S
Michaels David L	Peahu Brinee K	Santy Jeremy	Tickle Steven R	
Miyake Bryan T	Peleras Darrick J	Sarkoff Sheryl W	Tillak Sandra	
Miyake Lillian L	Perkins Brittney P		Tin Kaleo	



# Ten Holiday Energy-Savings Tips

1. **Deck the halls with LED lights.** LED Christmas lights use 90% less electricity than regular Christmas lights and last a lot longer. LED lights keep waste out of our landfill, and because they emit less heat, reduce the safety risk of your Christmas tree igniting.
2. **Bake several dishes at once.** Doing a lot of cooking this season? Take advantage of the energy that goes into warming your oven by baking several dishes at once.
3. **Turn off room lights when the tree is lit.** Enjoy the ambiance and set the mood of the holiday season. You will have plenty of light from your Christmas tree to illuminate the room.
4. **Use light timers or smart plugs for your lighting.** Planning to light the inside or outside of your home with Christmas lights? Set a timer to turn lights on only when it gets dark and to go off at bedtime. Aim to keep Christmas lights on for fewer than six hours a day.
5. **Unplug if traveling or going out of town.** TVs, DVD players, computers, printers and many other electronics use energy even when they are not turned on. Take the time to disconnect these phantom energy users before traveling for the holidays.
6. **Give the gift of smart technology.** Smart technology gifts are not only practical, they can also save your loved ones money in the long run. Consider giving a smart plug or a water heater timer. Your loved ones will thank you.
7. **Buy gifts that use alternative energy.** Crank radios, solar-powered flashlights or phone chargers make excellent stocking stuffers and could come in handy for our hurricane preparedness kits as well.
8. **Choose Energy Star equipment and appliances.** Consider upgrading your appliances with Energy Star efficient appliances and take advantage of KIUC's efficient appliance rebate programs at the same time. Savings upon savings make the season bright.
9. **Practice patience when cooking.** Food will cook faster and require less energy when you keep the lids on pots and the oven door closed while cooking. Resist the urge to peek at your feast or to check the progress of food in the oven. Each time the oven door opens, there could be a potential loss of up to 25 degrees, leading to wasted energy and extending your cooking time.
10. **Consider decorations, gifts and activities that do not use energy.** Get creative this holiday season using decorations that do not involve lights, giving gifts that are not centered around electronics and playing board games at family parties instead of turning on the television. 🌟

# 2023 Calendar of Student Art

**By Shelley Paik**

Submissions for the 2023 Calendar of Student Art contest again were accepted online after positive input from teachers and parents who participated last year. This year, there were more than 600 entries for the calendar contest.

Judges Carole Kahn, Lisa Kahn Macko and Diane Wry spent hours poring over the artwork to select some amazing pieces for the calendar.

Looking forward to the 2024 contest, there will be an additional field for submissions to include the medium the artist used to produce their art.

2023 calendars will arrive in late December. Don't forget to start creating for our 2024 calendar contest. The deadline will be here before you know it!! 🌟



## 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](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](mailto:program.intake@usda.gov).

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## FOCUS ON CLIMATE!

At Kauai Community Science Center, KCSC, our core values are to increase access to science, grow science literacy, promote climate change awareness and provide a safe and respectful place. We also put students in the lead in developing content, activities and at events. We support students to explore their interests through the lens of science. No matter the interest there is science in it. Likewise, no matter the interest from art to zoology and everything in between, there is also a connection back to climate. Here are some climate resources we are happy to share with you.

### CLIMATE FUN FOR KEIKI



**NASA's CLIMATE KIDS WEBSITE** There are games, activities and lots of great information produced by the Earth Science Communications Team at NASA's Jet Propulsion Laboratory / California Institute of Technology.



**SPARK SQUAD COMIC BOOK** This is a story From the National Renewable Energy Laboratory in Golden, Colorado. In this story you learn about JOULES from different sources like, wind, waves, sun and how they impact sustainable energy production. You can read it on your device or print out the PDF.

### WHAT DO YOU KNOW?



**TEST YOUR CLIMATE IQ** Take this quiz from the US Department of Energy. There is also a wide array of resources on this website for you to check out and loads of climate change related resources for you too.



**CALCULATE YOUR CARBON FOOTPRINT** Use the United Nations carbon footprint calculator to see what your carbon footprint is. On this website you can explore your impact, ways you can offset your impact and learn about renewable energy projects around the world too.



**GET TO KNOW THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS** Did you know that CLIMATE ACTION is the Sustainable Development Goal #13. All of the goals matter and your awareness is the first step to taking action.



# Where Are They Now?

## Britney Rivera Youth Tour 2006

By Allison Young



Youth Tour 2006: Camden, Britney, Kelsey and Jenna.

For this issue, we talked story with Britney Rivera, a 2006 Youth Tour alumnus. Britney graduated from Kaua'i High School and Kaua'i Community College with a degree in hospitality management. Britney works at Gather Credit Union as a learning and development specialist.

**Q: Aloha, Britney. What are your memories from Youth Tour?**

It was my very first trip to the mainland. Before then, I had only travelled to neighbor islands. My favorite memory from Youth Tour was meeting the other delegates. We also learned about renewable energy, which made an impression because, at the time, not a lot of people were talking about it. We attended some leadership-focused trainings and visited a lot of museums. Seeing the Holocaust museum was really powerful. My husband is a history buff, and one day we hope to take a trip there with our children.

**Q: Tell us about your career path.**

In high school, I participated in the Academy of Hospitality and Tourism program. I thought for a long time that hospitality was the career I wanted to be in. I realized shortly after finishing college that I really wanted to serve our local community the way that the tourism industry serves visitors but with a better schedule. I became a mom and really wanted to be available on holidays and weekends.

I stumbled upon Gather when someone asked me if I wanted to apply for a part-time position. She told me the schedule, and I jumped on it. It was the perfect balance. After five years working as a member experience representative (teller), the learning and development specialist at the time asked if I was interested in a training position. I moved up to trainer. In 2020, she retired, and I was promoted

to learning and development specialist. I've been here for over nine years now.

**Q: Gather is a cooperative like KIUC. What do you like about working at a co-op? What's the most rewarding thing about your job?**

I like how it's community-based. There's a direct connection—we have the ability to give back that bigger institutions don't have, and it benefits our communities, our families. The most rewarding part of my job is being able to get to know our employees and help them grow.

**Q: Now that you're a member of KIUC, what are your impressions of the cooperative?**

As homeowners, we recently converted to PV [rooftop solar]. When we were planning with KIUC, we worked with Jonah Knapp, KIUC associate engineer. He's a great communicator. I'd encourage any of KIUC's members to reach out if you have questions or concerns about anything relating to your electricity use.



**Britney with her family, Kaleohano (age 13), Lilinoe (age 8), and husband Makana.**

**Q: Tell us about your family. What tips can you share with other moms?**

Work-life balance is important. It's hard to be a mom and work, especially when the kids start sports. Kaleohano is on the KYF Raiders football team, and he

and Lilinoe paddle with Kaiola Canoe Club in the summer. Our jobs and raising a family can get hectic, but we always make sure family time is the most important part of the week. We take the kids fishing, to the beach, and camping every year—last time we went to Anini. For fun, I love to work on projects with my husband and in my garden. I mostly grow things I can cook with, since I enjoy cooking. I like to work out, too, which I do mostly at home.

**Q: What else would you like to share?**

I thank God every day for the opportunities that brought me to where I am today. Youth Tour really encouraged me to expand my perspective. With that, I hope KIUC continues the program to give others this amazing opportunity. 🌱



**Britney hiking at Kōke'e.**

# HOLIDAY DISHES AND TREATS

## EASY TUNA MACARONI SALAD

1 box elbow macaroni      1 cup frozen peas  
2 cans tuna, drained well      1 teaspoon salt  
1 cup mayonnaise      ½ teaspoon pepper

Cook macaroni according to package directions. Drain well and cool. Combine tuna, mayonnaise, peas, salt and pepper. Add macaroni to mayonnaise mixture. Refrigerate for a few hours before serving.



## PANKO GARLIC SHRIMP

2 pounds large or jumbo shrimp, peeled and deveined      ½ cup potato starch  
5 cloves garlic, minced      1 teaspoon salt  
2 cups panko      ¼ teaspoon cayenne pepper  
3 egg whites  
Oil for frying

Clean shrimp and pat dry. Mix potato starch, salt and pepper in a bowl. Dip shrimp in mixture. In a separate bowl, mix garlic with panko flakes. Dip shrimp in egg whites, then in the panko and garlic. Fry in oil on medium heat until brown and crispy.

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





## BAKED STUFFED MEAT

- 1 pound shaved or thin-sliced beef
- 1 box stuffing
- 1 block butter, divided
- 2 cups hot water
- 1 tray mushrooms, sliced
- Dried chili flakes
- 1 teaspoon sea salt
- 1 cup beef broth

Heat oven to 350 F.

Melt half of the butter. In a bowl, combine hot water, melted butter and the seasoning packet from the stuffing. Lay the beef on a cutting board, and place sliced mushrooms along one side. Place a scoop of stuffing on top of the mushrooms. Sprinkle with chili flakes. Roll the beef, and place in a baking dish.

Once all the meat has been rolled and placed in the dish, top with remaining mushrooms. Sprinkle with chili flakes and salt. Cover with the remaining stuffing mixture, and place slices of the remaining butter on top. Pour beef broth over the stuffing. Bake for 30 to 45 minutes or until the stuffing has browned.



## SHRIMP GRAPEFRUIT AVOCADO APPETIZER

- 1 pound large shrimp, peeled and deveined
- 2 medium grapefruits
- 1 medium avocado, sliced
- 1 teaspoon sea salt, divided
- 3 tablespoon olive oil, divided
- ¼ ground pepper

Segment grapefruits over a bowl to catch the juice. Add 1 teaspoon of oil to a skillet, and cook shrimp on medium-high heat for 3 to 4 minutes. Sprinkle with ½ teaspoon salt. Remove from heat. Place grapefruit segments on a platter, then layer with avocado and shrimp. In a bowl, whisk the grapefruit juice with 2 tablespoons olive oil, ½ teaspoon salt and pepper. Drizzle over the shrimp, avocado and grapefruit.

## MEXICAN STYLE STREET CORN

- 2 cups frozen corn
- 1 tablespoon mayonnaise
- ½ block butter
- ½ cup Cotija cheese, crumbled
- 1 teaspoon chili powder
- ¼ teaspoon cayenne
- 1 lime, juiced

Brown corn and butter in a skillet. Add the lime juice, chili powder, cayenne, mayonnaise and cheese.



## CURRY FRUIT

- 2 medium-size cans pear halves
- 1 medium-size can peach halves
- 20-ounce can pineapple chunks
- 1 large jar cherries
- 2 cans apricot halves
- 1 stick butter
- 1 cup brown sugar
- 5 teaspoons curry powder

Heat oven to 325 F.

Drain the fruits. Melt the butter in a saucepan. Add the brown sugar and curry powder. Stir until well blended. Put the fruit in a large casserole dish, and lightly combine with the butter mixture. Bake, uncovered, for one hour. Serve warm.



## ROASTED ROSEMARY GARLIC SMASHED POTATOES

- 12 Yukon gold potatoes
- 4 sprigs rosemary, removed from stem and chopped
- 3 cloves garlic, minced
- 2 tablespoons olive oil
- ½ teaspoon sea salt
- Cracked pepper

Heat oven to 350 F.

Wash and score the potatoes. Put them in a microwave safe dish, and fill the bottom with water. Microwave on high for 4 minutes. Remove potatoes from the microwave and turn potatoes. Microwave for an additional 4 minutes or until potatoes are soft.

Smash potatoes with a spatula or bottom of a cup. Place them in a baking dish and top with salt, rosemary and garlic. Drizzle with olive oil. Bake for 45 minutes until browned.

## BACON-WRAPPED ASPARAGUS

- 1 package bacon
- 1 large bunch of asparagus

Heat oven to 350 F.

Clean asparagus and trim bottoms. Wrap a slice of bacon around four to six spears of asparagus. Place wrapped asparagus on a baking sheet. Bake until bacon is browned and crispy.



# Statement of Operations

For the period 01/01/2022 – 10/31/2022

In the news, we read about how the economy is rebounding post-COVID-19. Businesses struggled through low sales and now, as sales rise, they face higher-than-anticipated cost increases.

KIUC is no different, and the lingering financial effects of COVID-19 continue. During 2020 and 2021, KIUC electric sales fell drastically as the island went through a prolonged low-tourism period, which was followed by a slow but steady recovery.

Now, in 2022, KIUC kilowatt-hour sales are returning to normal or pre-pandemic sales levels. With the lifting of many of the coronavirus pandemic restrictions and the return of tourism, KIUC is experiencing a rebound in kWh sales. However, the financial impact of COVID-19 lingers. As is the case with most businesses, KIUC is faced with cost pressures spurred by inflation and supply chain delays.

KIUC has continued to provide electric service to all areas of Kaua'i with more renewable generation sources providing more stable prices than any other island in Hawai'i. It has been the mission of the KIUC team to reduce costs in various areas to operate efficiently and effectively, and continue to maintain a strong financial position.

The cooperative's financial team continues to work closely with its lenders and regulators to mitigate the financial effects of the past two years. Revenues, expenses and net margins totaled \$146.2 million, \$143.5 million and \$2.7 million, respectively, for the 10-month period ending October 31, 2022.

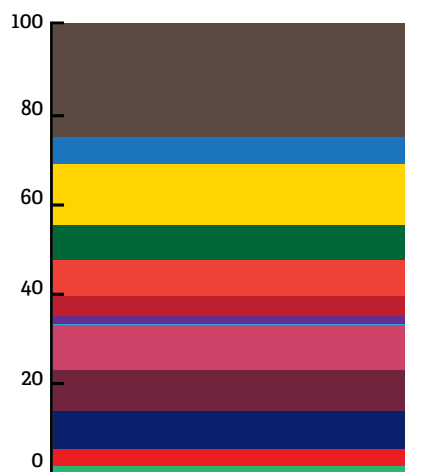
The cost of power generation is the largest expense for KIUC, totaling \$88 million or 60.3% of revenues. Commodities, which are fuel and purchased power costs, are the largest component of power generation, totaling \$76.8 million or 52.5% of revenues. Fossil fuel is the largest component of commodities, totaling \$37 million or 25.3% of revenues. Other commodities include hydropower, totaling \$8.4 million or 5.8% of revenues; solar power, totaling \$20 million or 13.7% of revenues; and biomass power, totaling \$11.3 million or 7.7% of revenues. The remaining \$11.3 million or 7.7% of revenues represents the cost of operating and maintaining the generating units.

The cost of operating and maintaining the electric lines totaled \$6.7 million or 4.6% of total revenues. The cost of servicing our members totaled \$2.3 million or 1.6%

of revenues. The cost of keeping our members informed totaled \$0.6 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 \$15.5 million or 10.6% of revenues.

Being capital intensive, depreciation and amortization of the utility plant costs \$13 million or 8.9% of revenues. Although not subject to federal income taxes, state and local taxes amounted to \$12.3 million or 8.4% of revenues. Interest on long-term debt, at a favorable sub-5% interest rate, totals \$5.6 million or 3.8% of revenues. Nonoperating net margins added \$0.9 million to overall net margins. Revenues less total expenses equal margins of \$2.7 million or 1.9% of revenues. Margins are allocated to consumer members and paid when appropriate. 🌱

## PERCENTAGE OF TOTAL REVENUE



- Commodities-Fossil Fuel — 25.3%
- Commodities-Hydro — 5.8%
- Commodities-Solar — 13.7%
- Commodities-Biomass — 7.7%
- Production, Operation and Maintenance — 7.8%
- Transmission & Distribution Operation & Maintenance — 4.6%
- Member Services — 1.6%
- Communications — 0.4%
- Administrative & General Net of Non-Operating Margins — 10.0%
- Depreciation & Amortization — 8.9%
- Taxes — 8.4%
- Interest — 3.8%
- Net Margins — 1.9%

# Kaua'i Island Utility Cooperative Currents

HI-130

Winter 2022  
Volume 19, 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

## Executive

Chairman: Jan TenBruggencate

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

## Finance & Audit

Chairman: Peter Yukimura

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

## Government Relations/Legislative Affairs

Chairman: Phil Tacbian

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

## International

Chairman: David Iha

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

## Member Relations

Chairman: Dee Crowell

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

## Policy

Chairman: Janet Kass

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

## Strategic Planning

Chairman: Jim Mayfield

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



 **Kaua'i Island  
Utility Cooperative**  
Your Touchstone Energy® Cooperative 

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[currents@kiuc.coop](mailto:currents@kiuc.coop)

# ATTENTION JUNIORS!! HIGH SCHOOL

Don't miss this opportunity of a lifetime!

KIUC is sponsoring four Kaua'i students for the  
2023 NRECA Youth Tour in June 2023



Participants will explore our nation's historic sites, learn about electric cooperatives and see government in action. They will also meet students from across the nation and form lifelong friendships.

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 will be interviewed January 16, 2023.

**Don't miss out! See your school counselor for an application.**



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KIUC is an equal opportunity employer and provider.