

Kaua'i Island Utility Cooperative



CURRENTS

Life Lessons and
Lasting Memories



INSIDE



The Anatomy of a Utility Pole

KIUC's 2023 Annual Report

**FALL
2024**

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inside CURRENTS



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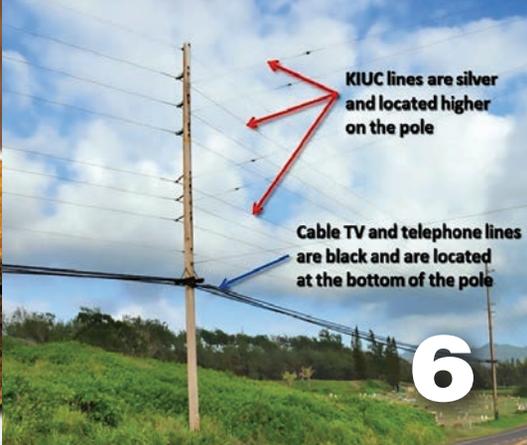
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KIUC is an equal opportunity provider and employer.



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What's what on a pole



KIUC lines are silver and located higher on the pole

Cable TV and telephone lines are black and are located at the bottom of the pole

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Editor

Beth Amaro

Contributors

Beth Amaro, Allan Smith, Allison Young, Shelley Paik, Sharon De La Peña, Jim Mayfield, Mike Yamane, Sage Chaney, Eva Allyn, Kaye Alvarez, Neva Leung, Hallie Cristobal, Stacie Dellamano, Jackie Kanna, Joey Leibrecht, Jennifer Paton

On The Cover

Youth Tour 2024 delegates, from left, Sage Chaney, Eva Allyn, Kaye Alvarez, and Neva Leung.



Chairman's Message

Lighting the Way to a Bright Future

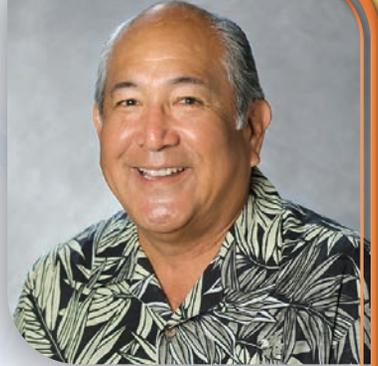
Our keiki are Kaua'i's greatest resource and our future.

This fall, as many of our keiki head back to school, we are reminded of our cooperative principle of Education, Training and Information. KIUC is committed to the island's future, both developing clean energy and investing in the island's youth through programs and sponsorships.

Every summer, KIUC sponsors four high school juniors to be delegates for the National Rural Electric Cooperative Association (NRECA) Youth Tour in Washington, D.C. The fall issue of Currents always features these students on the cover, and you can read their firsthand stories about the trip on pages 8-10.

Every fall, KIUC sponsors the Calendar of Student Art contest for keiki of all ages. This program encourages students to express themselves and show their creativity, and supports those with an interest in the arts.

All year long, KIUC staff volunteer for local events that benefit our island's youth. At this year's Back to School



Bash at Kukui Grove Center, 2,700 bags of school supplies were distributed. You will also find staff at local schools and fairs educating youth about electricity, clean energy and STEM careers.

You can read more about KIUC's work and community support in the 2023 Annual Report on pages 11-26.

No ka pono o na keiki. For the sake of the children.

Aloha pumehana,

Allan A. Smith

Board Actions

MAY 30, 2024

Motion carried, BAR - bucket truck, KPS fuel nozzles.

Motion carried, Board Policy 1, authority and responsibility of the board of directors.

Motion carried, Board Policy 15, strategic planning.

Motion carried, NRECA - committee delegate: nominating, resolutions, voting.

Motion carried, approval of proposed buyout in KRS2.

June 27, 2024

Motion carried, Board Policy 14, procedure and practice formulation.

Motion carried, KRS1/Anahola PV.

Motion carried, renewable project development costs.

July 25, 2024

Motion carried, Board Policy 4, board committees.

Co-ops During Crisis: All Hands on Deck

By Jim Mayfield, Board of Directors



Fire Chief Michael Gibson shares information at the Emergency Operations Center.

We're in new territory as an island and electric utility cooperative. The increasing risk of wildfires due to climate change, which have been happening with greater frequency on the continental United States, is now part of our "new normal" after the devastating Lahaina fires of August 2023. Though we've long been experienced in hurricane preparedness, we must enhance our preparedness for wildfires as well.

Last year, KIUC took a proactive approach and hired experienced wildfire consultants to help us create a Wildfire Mitigation Plan. July of this year brought us a real-world opportunity to test our plans, with the Hanapēpē and Kōke'e fires requiring the de-energization of power to parts of the west side.

KIUC does not act alone when it comes to decision-making during a wildfire. KIUC is just one of multiple agencies that work together during an emergency. The many agencies involved may include government agencies, emergency and first responders, military, transportation, health, business and service organizations.

During an emergency, these agencies together stand up what is known as an Emergency Operations Center. Representatives convene at a central physical location to expedite communication and save time.

KIUC, as a critical infrastructure organization, has a representative at the county's EOC. During the July Hanapēpē wildfire, KIUC remained on-site from the time the EOC was stood up in the afternoon until the formal activation concluded. KIUC was also present at the EOC for the Kōke'e wildfire several days later. KIUC participates in any after-event action planning to review what occurred and to continually improve operations and communications among partners.

These emergencies require an all-hands-on-deck approach and demand extensive time away from home for KIUC line crews and power plant workers, as well as all the EOC agencies and their workers. We're grateful to our members for their patience and understanding when we need to de-energize lines to keep the fires from spreading and ensure everyone's 'ohana stays safe.

We are proud of our crews who remained vigilant and hardworking throughout the recent fires, protecting our members and utility infrastructure.

To read more about the county and KIUC's wildfire and mitigation plans, visit kiuc.coop/wildfire and kauai.gov/KEMA. 📄

What Is De-energization?

De-energization refers to the proactive shutting off of power to minimize wildfire risk. KIUC may de-energize power lines when an active wildfire is too close to our equipment, such as transmission and distribution lines, power lines, poles and substations, to prevent the spread of fire. For the safety of our customers and the communities that we serve, we de-energize power lines to protect first responders on the ground fighting fires and to avoid contributing to catastrophic wildfire conditions.



What Is an EOC?

An EOC is a physical or virtual location from which leaders of a jurisdiction or organization coordinate information and resources to support incidents.



The Anatomy of a Utility Pole

By Mike Yamane, Board of Directors

Utility poles host multiple services: electric, telephone and cable TV. Closest to the ground are the telephone and cable lines. Telephone lines generally have the thickest black cables attached to the utility pole. Cable TV lines are black insulated cable and are a little thinner than telephone lines.

KIUC's power lines are higher on the pole. The power lines are made of an aluminum alloy and are grayish in color. The distribution lines are lower than the transmission lines, which are at the topmost section of the utility pole.

Power lines do not touch the utility poles. They are attached to insulators, which are made of porcelain or rubber polymer, look like stacked plates and are attached to the crossarms or pole. The insulators prevent energized wires from contacting each other.

There are two types of construction: one in which insulators are attached directly onto the pole, and the other in which insulators are attached to the crossarms. Crossarms are thick wooden beams bolted to the pole and braced diagonally. These crossarms usually have four wires affixed—one for each phase and a neutral.

It is important to know that the higher on the pole you go, the more dangerous the wires become. The exposed power lines at the top carry the highest voltage.

One way to tell if the line you are looking at is a transmission or distribution line is by the size of the insulator. The longer the insulator, the higher the voltage.

Providing Power to the People

KIUC maintains 1,400 miles of power lines attached to utility poles to provide power to our members. Overhead lines provide the most economical way of transmitting power throughout our community.

KIUC's transmission grid is comprised of approximately 171 miles of transmission lines that supply bulk power to substations throughout the island. Transmission lines operate at 60,000 volts and attach to large insulators on tall wooden poles or metal structures.



Follow all warning signs on pad-mounted transformers.

Electrical energy from the transmission grid is converted at the substation to KIUC's distribution voltage of 12,470 volts, or 12 kilovolts. The energy is then separated into multiple circuits, where it is routed to surrounding communities on distribution lines.

At 12 kV, the voltage is still too high to go directly into your home, so distribution transformers—large canisters mounted on utility poles—step down the voltage again to the level required by your home: 120/240 volts. The 12 kV lines are called primary lines, and the 120/240V lines are called secondary lines.

From the pole-mounted transformer, a secondary service wire—usually an insulated black wire—is connected to your home's meter box. This allows KIUC to measure the amount of energy used.

If you are in an area with underground wires, your transformer is in a green metal box mounted on the ground—usually next to a sidewalk. This is called a pad-mounted transformer. Make sure you heed all warning signs on these ground-mounted transformer boxes.

From the meter box, service wires connect to the home's breaker box, which functions as a safety mechanism for your home. It is at this point your home wiring enables energy to be sent to your outlets and switches at the touch of a button or the flip of a switch.

Each utility pole has a tag. The pole tag is near the bottom of the pole and has a unique pole number. If you see a damaged pole or streetlight, take note of the pole number so you can provide that information when you report it. If there is no tag, take note of the nearest address and landmark to make identifying the pole easier for our crews. If you see a hanging wire, stay away and call us at [808.246.4300](tel:808.246.4300). If there is immediate danger, please call 911. 🚨



Shelley, Anne, and Shana on the 2007 Youth Tour.

20 Years of Youth Tour

By Shelley Paik

Shelley Paik was the recent recipient of the Pioneer Utility Resources Dave D'Avanzo Communications Leadership Award for her consistent dedication to communication, leadership, mentorship and service. In this article, Shelley reflects upon her two decades of participation with Youth Tour.

KIUC and Kansas Electric Cooperatives are celebrating their 20-year partnership of traveling together to the National Rural Electric Cooperative Association Youth Tour.

When KIUC first became a cooperative in 2002, we learned about the Seven Cooperative Principals—including *Cooperation Among Cooperatives and Concern for Community*—and the different programs offered to us as part of the cooperative world. Our first KIUC Youth tour director, Anne Barnes, was an early advocate. She was passionate about encouraging our youth and providing opportunities for our Kaua'i keiki.

Youth Tour provides select high school juniors an all-expenses-paid trip to Washington, D.C., the summer before their senior year to walk in the footsteps of history. While in D.C., they visit historic sights, meet with government leaders and interact with their peers.

As Anne said countless times, “How can we call it Youth Tour if I just took a few students in a taxi around Washington, D.C., to see the sights?”

Anne met with others involved in the NRECA Youth Tour program and determined the best course would be to partner and tour with another state. The partnership provides students the opportunity to meet with others their age who live in a different region and sound different but are essentially similar to them. Anne met with various state directors, hit it off with KEC's Youth Tour Director Shana Read and the partnership began.

Why Kansas?

At first, it seems odd that Hawai'i and Kansas would travel together. There are many differences: Hawai'i is surrounded by the ocean. Kansas is a landlocked state. Many of our political views are different. What stands out are the core values of our students. Family and community play an important role in both states. Through this connection, our partnership has flourished.

In many of our surveys following Youth Tour, delegates refer to it as the trip of a lifetime, and they often form lifelong friendships with those they meet on Youth Tour. By the end of the trip, it feels like our group has formed a new family.

Applications for the 2025 Youth Tour will be available by November, and selected students will be interviewed Monday, January 20, 2025. Students must be available June 11-21, 2025, to participate in the tour.

You may have read about our former delegates in the *Where are they now?* section in *Currents*. If you're a former delegate and we've lost touch, please reach out to us at info@kiuc.coop. We would love to hear from you! 🌺



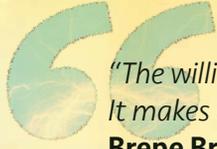
Anne Barnes (center) with the 2012 Youth Tour students.

Youth Tour 2024



Daring Greatly

By Sage Chaney,
Hawai'i Technology Academy



*"The willingness to show up changes us.
It makes us a little braver each time.."*

Brene Brown, Daring Greatly

Participating in the summer KIUC Youth Tour was an incredible experience brimming with history, valuable life lessons, personal growth and cherished friendships. The program allowed us to experience a world outside of our beautiful island and gave us a glimpse of possibilities.

The experiences were vast. Washington, D.C.'s amazing collection of architectural marvels, inspired by ancient Greek and Roman architecture, triggered a sense of awe as we walked past large stately columns, intricate facades, and domes. I found it fascinating to observe the contrast between historical and modern architecture. This was especially evident when I compared the modern curvilinear architecture of the National Museum of the American Indian to the U.S. Treasury with its Greek Revival style.

Visits to museums and memorials, such as the National Museum of the U.S. Army and Arlington National Cemetery, gave us a chance to reflect on the historical significance of the sacrifices made. The opportunity to meet Sen. Brian Schatz and witness our government's structure and inner workings during Capitol Hill Day was a unique and valuable experience.

Amazing Connections & Lifelong Friendships

By Neva Leung, Kaua'i High School

It was an honor to represent Kaua'i Island Utility Cooperative at the 2024 Youth Tour around Washington, D.C. Overall, this trip was a great experience!

This trip gave me a wonderful insight to the political system and the ins and outs of our country. The tour was incredibly busy but in the best way possible. We saw almost every monument, memorial and museum you can think of! While staying right outside D.C., I got a taste of what life is like on the East Coast. I learned a lot about the United States' history, from seeing the Constitution to touring the Capitol and White House.

Traveling with the three other girls from Kaua'i, it was a wonderful bonding experience, and I'm so glad I got as close to them as I did. Our chaperone, Auntie Shelley, was the best and most resourceful person; I am forever grateful for all her help.



However, what most resonated with and inspired me during this trip was the National Rural Electric Cooperative Association youth program conference. The event's main highlights were the amazing guest speakers.

Mike Schlappi's captivating and impactful speech, "If you can't stand up, stand out," described breaking through self-imposed limitations and delivered the powerful message that our only limits are the ones we place on ourselves. He gave us examples of his hardships with some witty remarks, making it engaging. He reminded us that while we may not have control over certain circumstances, we can always control our response to them.

This experience has inspired me to strive for greater personal growth and to approach challenges with a renewed mindset.

Being part of the 2024 Youth Tour was, indeed, a daring greatly moment for me. It was an amazing opportunity that allowed me to learn important life lessons and create lasting memories with other young leaders. ⚡



I also met some amazing people over this trip that I still keep in touch with. The Youth Tour allowed me to meet teenagers from all over the country. After the Youth Tour trip ended, I flew to Italy to study abroad. While there, I ran into someone I met on Youth Tour at the boat dance cruise! We ended up getting lunch and hanging out around Florence.

This shows how the Youth Tour creates amazing connections and lifelong friendships. I am so grateful to have had been chosen for this wonderful opportunity from KIUC. ⚡

History Becomes Tangible

By Eva Allyn, Kapa'a High School

Four thousand eight hundred eighty-two miles away from home, history became tangible. Famed landmarks like Mount Vernon and the National Cathedral were places I never expected to visit outside of what I imagined from history books. I never really believed I would watch the U.S. Marine Corps Sunset Parade or stand at the heart of Arlington Cemetery for the changing of the guard ceremony at the Tomb of the Unknown Soldier.

That is...until the 2024 Youth Tour! Because of the partnership between Kaua'i Island Utility Cooperative and Kansas Electric Cooperative, I traveled across the country and experienced the endless galleries of portraits, landscapes and art at the Smithsonian museums. I explored memorials that showed our nation's history which I had only ever read about. And I did it all alongside other kids who quickly became my friends through our shared excitement for the place and the learning opportunities presented.

The clear highlight of my visit was the center of the United States government: Capitol Hill. Built over two centuries ago, its white columns and marbled floors became a great symbol for our nation.

The Tuesday morning we visited, I was in awe. We were guided through the building first by way of a green and red subway. Deboarding, I discovered that beneath Capitol Hill exists a tiny city lined with restaurants, cafés and even hairdressers!

An Indelible Mark

By Kaye Alvarez, Waimea High School

The 2024 Youth Tour provided an exceptional platform for teenage leaders from across the United States to engage in a transformative experience. Representing my state and our electric cooperative, I embarked on a journey that was both enlightening and profoundly moving.

One of the most memorable parts of my visit was experiencing the "Tower of Faces" exhibit at the Holocaust Memorial Museum in Washington, D.C. The emotional weight of the Holocaust Memorial Museum transcends historical facts. This display, featuring photographs of Jewish families before and during the Holocaust, brought history to life in a deeply personal way. The faces of men, women and children frozen in time served as haunting reminders of lives lost and families shattered. Standing before these images, I felt the emotional impact. The reality of the Holocaust, as depicted through these



Returning above ground, we were led to the Rotunda. Breathtaking sandstone walls curved into a dome shape, with historical paintings completely encircling us. There was even an oil painting on the center of the ceiling depicting George Washington surrounded by angels! Again, I was in awe.

Both the inside and outside of Capitol Hill left me enamored with the neoclassical architecture, and I could not believe I was experiencing firsthand one of the most important buildings in this country.

Visiting Sen. Hirono's office, and meeting Sen. Schatz also made me feel Hawai'i's strong spirit in D.C. We participated in the fun tradition of making origami cranes to add to Sen. Hirono's collection, and when we talked to Sen. Schatz, it was not only inspiring, but an insightful look into how our democracy works.

And even though we were thousands of miles away from the islands, seeing King Kamehameha's bronze statue still adorned with lei from the recent festival, made me happy to reconnect with my home. ⚡



personal stories, highlighted the importance of remembering and honoring the victims of such a catastrophic event.

While the entire trip offered an abundance of educational and inspiring moments, it was my visit to the Holocaust Memorial Museum that left an indelible mark. ⚡



Kuleana

Lighting the Way to a Bright Future

2023 Annual Report



Kuleana: Lighting the Way to a Bright Future

Aloha,

2023 provided opportunities to renew our deep sense of *kuleana* to our members and the island. As we strived to reach our updated strategic goal of 100% renewable energy by 2033, we also addressed the challenges of keeping our workers and members safe through severe weather. This has become more urgent after witnessing the tragic Maui wildfires in August.

We continued to progress in our strategic goals and celebrated multiple achievements this year:

- ☀ For the fifth year in a row, KIUC led the State of Hawai'i in renewable energy.
- ☀ Our electric rates were the lowest in the state for members.
- ☀ We contributed to a sustainable, circular economy through the use of locally produced biodiesel and domestically recycling lithium-ion batteries.
- ☀ We received multiple federal grants for critical projects to address grid reliability and resiliency.

Our sense of *kuleana* also spurred us to work with wildfire consultants to develop a proactive wildfire preparedness and mitigation plan.

As a utility cooperative, it is our privilege to serve our member-owners through the delivery of reliable, affordable electricity and support community development and education to benefit our keiki and future generations.

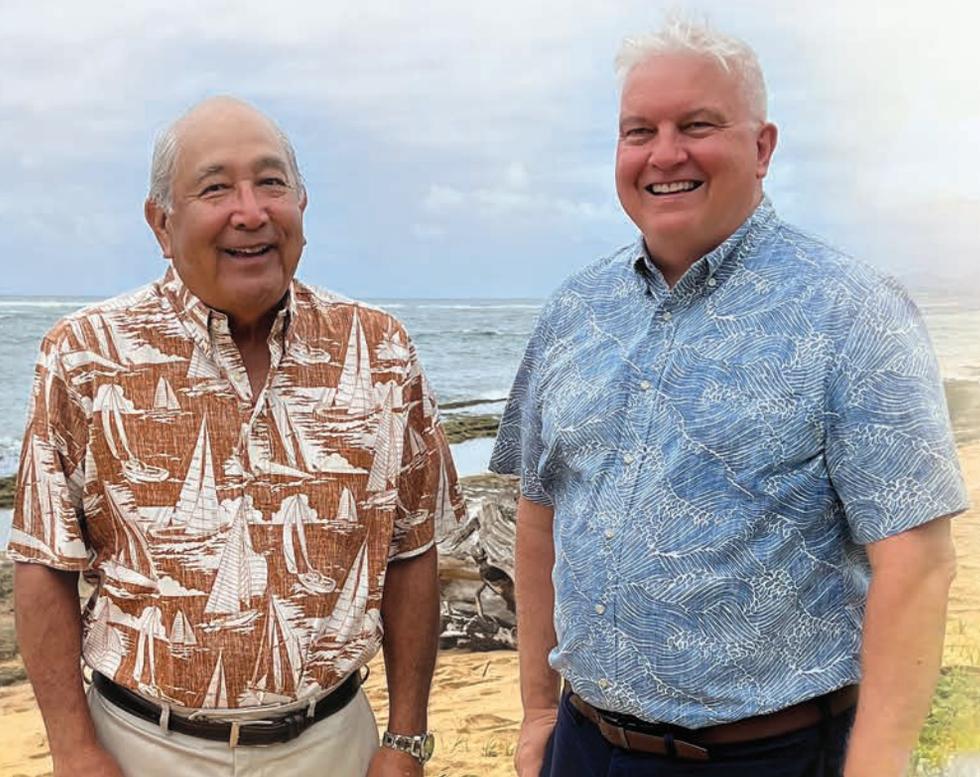
Mahalo nui loa for your continued support.



David J. Bissell
President and Chief Executive Officer



Allan A. Smith
Chairman of the Board



2023 KIUC at a Glance

Total Generation Capacity



Renewable Capacity: **142.2 MW**

Oil Fired Capacity: **117 MW**

2023 Peak Demand



2023 Total Revenue



2023 MW Hours Generated



Number of Meters



Miles of Line

Transmission



Distribution



% Residential: **77%**



Renewable Progress

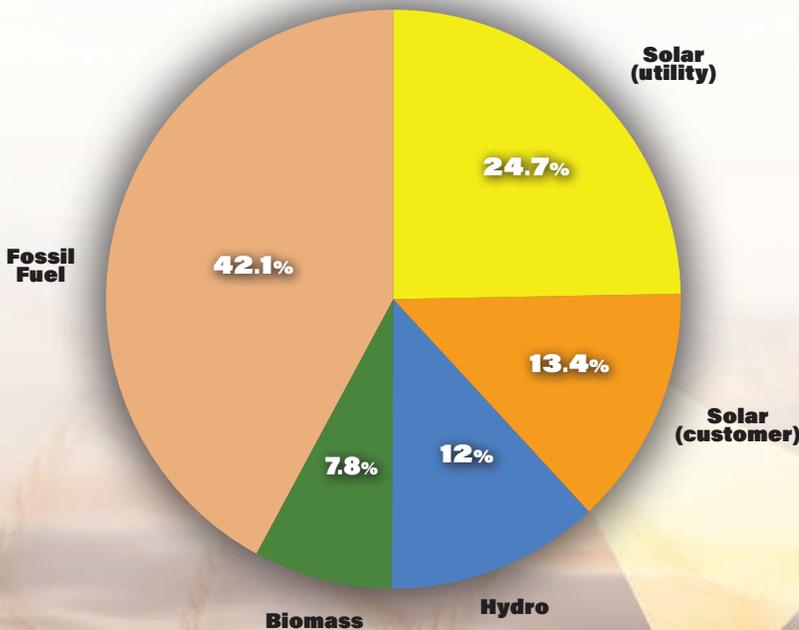
KIUC Leads the State in Renewable Generation

Quick Facts

- ☀️ KIUC renewable percentage for 2023 is 57.9%.
- ☀️ KIUC's Strategic Plan goal is 100% by 2033.



2023 Fuel Mix by Source



Introducing Biodiesel

For the fifth straight year, Kaua'i Island Utility Cooperative (KIUC) led the State of Hawai'i in renewable generation, achieving 57.9% renewable for 2023, well ahead of the State of Hawai'i requirement of 40% by 2030.

In 2023, KIUC began using biodiesel from Pacific Biodiesel Technologies to partially fuel its 27.5 megawatt Kapaia Power Station.

"Biodiesel can contribute to grid stability when we're operating on a high percentage of solar," KIUC's Chief of Operations Brad Rockwell says. "However, biodiesel is presently more expensive than most other renewable sources, so we'll use it sparingly and strategically for the time being."

Founded on Maui in 1995, Pacific Biodiesel annually produces more than 5.5 million gallons of premium distilled biodiesel at its refinery on Hawai'i Island. Biodiesel is produced primarily from used cooking oil that Pacific Biodiesel recycles from restaurants statewide, including those on Kaua'i.



2024 Rate Case

During 2023, KIUC worked with the Hawai'i Public Utilities Commission and the Division of Consumer Advocacy to justify its first rate increase request since 2010. The process included a public hearing held at King Kaumuali'i Elementary School on Kaua'i and responses to hundreds of information requests submitted by the PUC, CA and other intervenors.

In November 2023, the PUC approved an interim rate increase of 7.95% across all customer classes and ordered the new rates effective as of January 11, 2024. The interim rates are subject to refund pending the PUC's final order, which is expected sometime in 2024.

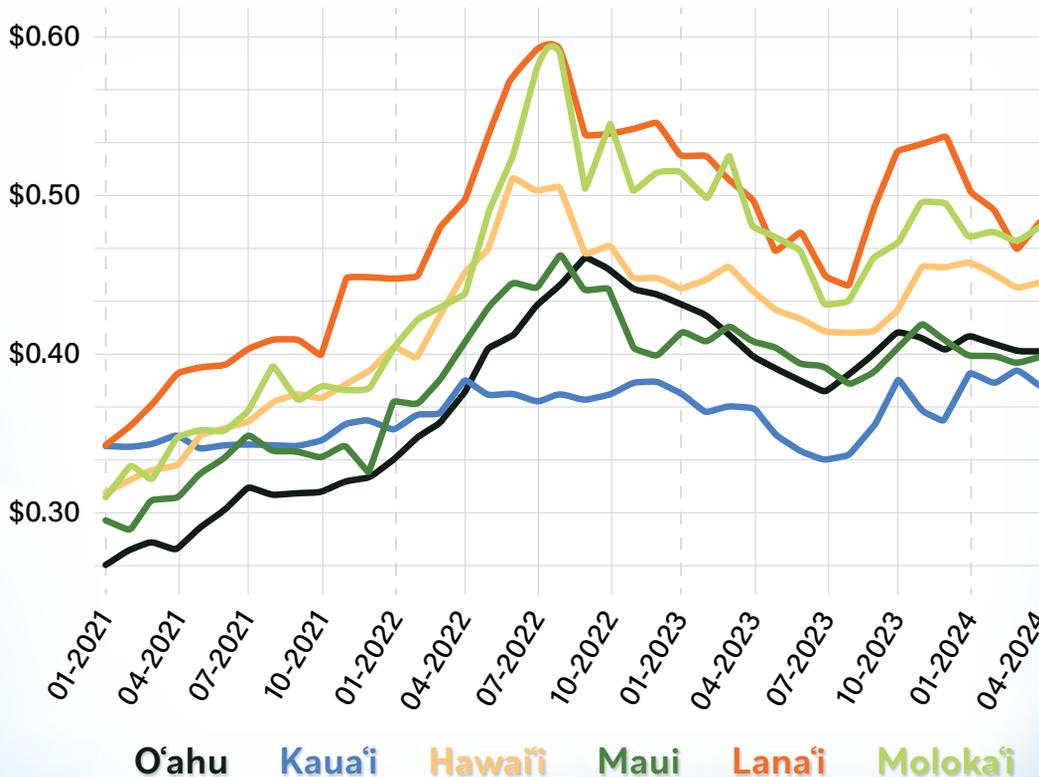
As of July 2024, KIUC has recorded the lowest residential rates in the State of Hawai'i for 26 straight months.

"This is an incredible accomplishment, considering when KIUC became a cooperative in 2002 our rates were 70% higher than those on O'ahu," says KIUC President and CEO David Bissell.

Several factors have contributed significantly to the cooperative's current financial stability, including:

- ☀ Strategic transition to renewable generation sources.
- ☀ Access to low-cost debt from the United States Department of Agriculture Rural Utilities Service.
- ☀ A reduction in staffing levels over time.
- ☀ Federal Emergency Management Agency reimbursements for disaster-related losses.

3+ Years of Avg Cost/kWh - 2021 through April 2024



Source: CleanTechnica



Federal Funding Awards

from an approved loan from the Powering Affordable Clean Energy Program, which was created via the Inflation Reduction Act in 2022.

The funded projects include:

- 1. Synchronous condenser conversion technology.** This adds grid-forming capability to an existing generator at Port Allen Generation Station, creating greater grid stability when running on a high percentage of distributed variable renewable generation (i.e., daytime solar).
- 2. Utility solar grid forming technology.** This adds battery storage and advanced grid forming inverters to up to three existing solar power plants, creating a hybrid power supply with enhanced dispatchability and greater resource availability, resulting in a more reliable and resilient island grid.

More applications have been submitted for new rounds of Infrastructure Investment and Jobs Act funding, with decisions expected by late summer or early fall 2024.

Federal Grants Electrify KIUC's Innovation and Resiliency Efforts

With historic amounts of federal funding available via the Infrastructure Investment and Jobs Act, KIUC successfully landed \$17.9 million in federal funds for projects that enhance grid resilience, reduce reliance on fossil fuel and ensure reliable delivery of power during periods of 100% renewable generation.

IJA has been called the "largest investment in the resilience of physical and natural systems in American history."

To use the federal funding, KIUC has to pledge a match of \$17.9 million. Additional project savings of roughly \$5 million will come



KIUC's CEO David Bissell (second from left) and other cooperative executives were recently acknowledged by U.S. Secretary of Agriculture Tom Vilsack (fourth from left) for receiving federal funding awards.

Wildfire Preparedness and Mitigation

The safety of our members, employees and the community at-large is the highest priority for KIUC.

Emergency planning has always been a part of KIUC's operational efforts. Since the August 2023 Maui windstorm and wildfires, KIUC has focused on specific protocols to be used when the National Weather Service signals a Red Flag Warning may be issued.

KIUC's approach includes the following:

- ☀ Continual monitoring of weather reports and conditions, including KIUC's weather stations.

Wildfire Mitigation

- ☀ Maintaining communication and coordination with the Kaua'i Emergency Management Agency and other stakeholders.
- ☀ Surveilling lines as necessary for situational awareness in the potential Red Flag Warning area.
- ☀ Implementing sensitive protection settings to circuits so once a breaker

opens, it remains open. This means outages could be more frequent and last longer, as KIUC needs to patrol lines before reenergizing circuits.

- ☀ Localizing shutoffs in extreme conditions.

View KIUC's wildfire preparedness mitigation plan at kiuc.coop/wildfire.

KIUC uses new technology for testing pole health.



Community Support & Impact

In 2023, KIUC demonstrated *kuleana* for our members by supporting diverse programs and projects around the island. In the form of Sharing of Aloha grants to nonprofits and community groups and sponsorship of fundraising events, KIUC impacted health, agriculture, environment, arts, education, nonprofits and small business growth on Kaua'i.

In addition to financial support, staff volunteered and participated in local events to increase understanding about renewable energy, member programs and benefits, and our cooperative values. Once again, Kaua'i United Way recognized KIUC's employees and board for being the Top Per Capita Employee Group Contributor and Top Employee Group Contributor.

KIUC receives many requests for staff to participate in science, technology, engineering, art and math events for members of all ages. It is a joy to educate our youngest members through programs such as Youth Tour, Calendar of Student Art, STEAM classes and field trips.

Sharing of Aloha Grants provided \$18,740 to numerous organizations, including:

- ☀️ Kaua'i Planning & Action Alliance, Inc.
- ☀️ Friendship Club
- ☀️ Hawai'i Children's Theatre

Additional community support and sponsorships included Boys and Girls Club, Visitor Industry Charity Walk, Kaua'i Special Olympics, The Bridge: Kaua'i to College, Waimea Town Celebration, Big Brothers Big Sisters, Kōloa Plantation Days, walk to End Alzheimer's, and Lights on Rice and Waimea Christmas parades.

The KIUC Charitable Foundation granted \$21,700 in 2023 to some of the following organizations:

- ☀️ Kaua'i Search and Rescue
- ☀️ Kapa'a Pop Warner Association
- ☀️ Growing Our Own Teachers Kaua'i



7 Cooperative Principles

As one of more than 900 electric cooperatives nationwide, KIUC joins its sister co-ops in demonstrating its *kuleana* by committing to the Seven Cooperative Principles.

Voluntary and Open Membership

Cooperatives are voluntary organizations, open to all persons able to use their services and willing to accept the responsibilities of membership, without gender, social, racial, political or religious discrimination.

Democratic Member Control

Cooperatives are democratic organizations controlled by their members, who actively participate in setting policies and making decisions. The elected representatives are accountable to the membership.

Members' Economic Participation

Members contribute equitably to, and democratically control, the capital of their cooperative. Usually, at least part of that capital is the common property of the cooperative. Members may receive limited compensation on capital subscribed as a condition of membership.

Members allocate surpluses for any or all of the following purposes: developing the cooperative, possibly by setting up reserves, part of which at least would be indivisible; benefiting members in proportion to their transactions with the cooperative; and supporting other activities approved by the membership.

Autonomy and Independence

Cooperatives are autonomous, self-help organizations controlled by their members. If they enter into agreements with other organizations, including governments, or raise capital from external sources, they do so on terms that ensure democratic control by their members and maintain their cooperative autonomy.

Education, Training and Information

Cooperatives provide education and training for their members, elected representatives, managers and employees so they can contribute effectively to the development of their cooperatives. They inform the general public, particularly young people and opinion leaders, about the nature and benefits of cooperation.

Cooperation Among Cooperatives

Cooperatives serve their members most effectively and strengthen the cooperative movement by working together through local, national, regional and international structures.

Concern for Community

While focusing on member needs, cooperatives work for the sustainable development of their communities through policies accepted by their members.





2024 KIUC Board of Directors, left to right: Jim Mayfield, David Iha, Peter Yukimura, Jan TenBruggencate, Allan A. Smith, Dee Crowell, Mike Yamane, Cal Murashige, Phil Tacbian

2024 Executive Board

Chair: Allan A. Smith
Vice Chair: Jan TenBruggencate
Treasurer: Peter Yukimura
1st Assistant Treasurer: Jim Mayfield

Secretary: Cal Murashige
1st Assistant Secretary: Phil Tacbian
2nd Assistant Secretary: Dee Crowell

NRECA National Director: David Iha

2024 Board Committees

Executive

Chair: Jan TenBruggencate
Members: Cal Murashige, Allan A. Smith, Peter Yukimura

Finance & Audit

Chair: Peter Yukimura
Members: Stacie Dellamano, Jim Mayfield, Cal Murashige, Allan A. Smith

Government Relations/Legislative Affairs

Chair: Phil Tacbian
Members: Beth Amaro, David Bissell, David Iha, Jim Mayfield, Peter Yukimura, Mike Yamane

International

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

Member Relations

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

Policy

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

Strategic Planning

Chair: Jim Mayfield
Members: David Bissell, Dee Crowell, David Iha, Mike Yamane, Brad Rockwell, Allan A. Smith

Loan Review

Chair: Phil Tacbian
Members: Peter Yukimura

Year-end financial results serve several important purposes for KIUC, a not-for-profit organization. Reviewing financial statements helps ensure transparency and allows members to understand how the organization is managing its financial resources. Financial statements provide a snapshot of the organization's financial health and can reveal adherence to financial reporting standards. Understanding financial statements facilitates communication between the organization's leadership and its members.

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

Revenues, expenses and net margins totaled \$170.1 million, \$165.8 million and \$4.3 million, respectively, for the 12-month period ending December 31, 2023. KIUC is pleased to report the 2023 fiscal calendar year ended with a positive net margin. KIUC's request to the Hawai'i Public Utilities Commission for a revenue increase was granted an interim Decision and Order by the PUC on November 27, 2023, with the PUC approving tariffs and an interim implementation date of January 11, 2024. Rate case information can be found at kiuc.coop/ratecase.

Summary of Operations

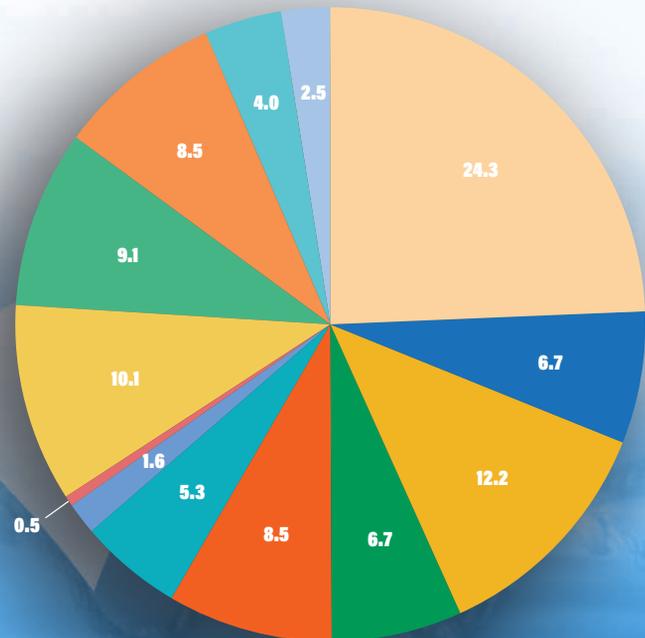
01/01/2023 - 12/31/2023

Similar to other electric utilities, the cost of power generation is the largest expense, totaling \$99.3 million or 58.4% of revenues. Commodities, which are fuel and purchased power costs, are the largest component of power generation, totaling \$84.9 million or 50% of revenues. Fossil fuel is the largest single component of commodities, totaling \$41.4 million or 24.3% of revenues. However, our renewable sources combined (hydro, biomass and solar) comprise 25.6% of revenue.

The cost of operating and maintaining electric lines totaled \$9 million or 5.3% of total revenues. The cost of servicing our members totaled \$2.8 million or 1.6% of revenues. The cost of keeping our members informed totaled \$0.9 million or 0.5% of revenues. Administrative and general costs, which include legislative and regulatory

expenses, engineering, executive, human resources, safety and facilities, information services, financial and corporate services, and board of director expenses, totaled \$17.2 million or 10.1% of revenues.

Being capital intensive, depreciation and amortization of the utility plant costs \$15.4 million or 9.1% of revenues. Although not subject to federal income taxes, state and local taxes amounted to \$14.4 million or 8.5% of revenues. Interest on long-term debt, at a favorable sub-5% interest rate, totals \$6.7 million or 4.0% of revenues. Nonoperating net margins (e.g., interest income) added \$2.1 million to overall net margins. Revenues less total expenses equal margins of \$4.3 million or 2.5% of revenues. Margins are allocated to consumer members after year-end financials have been audited and paid when appropriate.



Consolidated Balance Sheet

ASSETS

UTILITY PLANT AT COST

	December 31,	
	2023	2022
Electric Plant in Service	608,917,452	605,562,623
Right of Use Asset - Operating Lease	16,382,874	17,178,828
Electric Plant Acquisition Cost	54,852,453	54,852,453
Accumulated Depreciation and Amortization	(365,047,499)	(361,294,370)
Net Electric Plant in Service	315,105,280	316,299,534
Construction Work in Progress	11,164,049	13,245,623
Net Utility Plant	326,269,329	329,545,157

OTHER INVESTMENTS

Investments in Subsidiary Companies	- 0	- 0
Investments in Associated Organizations	2,128,087	2,025,070
Rural Economic Development Loans	972,071	967,434
Other Investments [if maturity ≥ 1 yr]	- 0	- 0
Total Other Investments	3,100,158	2,992,504

CURRENT ASSETS

Cash & Cash Equivalents	44,655,371	36,833,446
Restricted Cash & Cash Equivalents	1,298,990	1,284,552
Other Investments [if maturity < 1 yr]	- 0	10,000,000
Accounts and Notes Receivable (Less allowance for doubtful accounts of \$569,999 in 2021 and \$879,696 in 2020)	14,406,845	13,052,112
Accrued Unbilled Revenue	8,743,081	9,279,755
Energy Rate Adjustment Clause Inventories	- 0	89,426
Other Current and Accrued Assets	22,282,718	22,484,856
Total Current Assets	1,329,072	1,391,134
	92,716,077	94,415,281

POST-RETIREMENT BENEFIT ASSET

	63,548	20,606
--	--------	--------

DEFERRED DEBITS

	38,225,997	34,343,173
--	------------	------------

Total Assets

	460,375,109	461,316,721
--	-------------	-------------

EQUITIES AND LIABILITIES

EQUITIES AND MARGINS

Memberships	610	598
Patronage Capital & Margins - Current Year	138,727,449	134,713,705
Other Equity	1,218,229	1,139,315
Post-retirement Benefit Obligation Gain (Loss)	(945,406)	(1,076,791)
Controlling Equity Interest	139,000,882	134,776,827

Capital Account - KRS II LLC	17,666,736	17,724,051
Equity Interest	17,666,736	17,724,051

Total Equities and Margins

	156,667,618	152,500,878
--	-------------	-------------

LONG -TERM DEBT

	253,179,484	258,638,840
--	-------------	-------------

ASSET RETIREMENT OBLIGATION

	3,075,035	2,957,920
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CURRENT LIABILITIES

Current Maturities of Long-Term Debt	11,233,584	13,795,833
Current Maturities of Operating Lease Obligations	674,238	674,238
Accounts Payable	8,344,475	8,008,222
Energy Rate Adjustment Clause	644,475	- 0
Consumer Deposits	1,302,837	1,263,231
Accrued Employee Compensation	2,518,252	2,663,499
Accrued Taxes	8,470,966	8,904,990
Other Current and Accrued Liabilities	1,200,317	999,891
Total Current Liabilities	34,389,144	36,309,904

DEFERRED CREDITS

	13,063,828	10,909,179
--	------------	------------

Total Liabilities, Equities, and Margins

	460,375,109	461,316,721
--	-------------	-------------

Equity Percentage

34.03%

33.06%

Consolidated Statement of Income & Patronage Capital

	Year Ended December 31,	
	2023	2022
	Amount	Amount
OPERATING REVENUES		
Residential	72,799,495	75,465,976
Irrigation	274,534	718,357
Commercial and Industrial	95,894,420	98,190,496
Public Street and Highway Lighting	667,512	692,840
Other Operating Revenues	461,907	(259,743)
Total Operating Revenues	<u>170,097,868</u>	<u>174,807,926</u>
OPERATING EXPENSES		
Power Cost	94,853,081	99,522,277
Transmission - Operation	582,772	549,624
Transmission - Maintenance	751,440	584,049
Distribution - Operation	1,676,733	1,998,178
Distribution - Maintenance	4,929,468	4,409,535
Customer Accounts	2,127,748	2,151,284
Customer Service and Information	299,154	281,668
Administrative and General	22,396,985	21,789,908
Depreciation and Amortization	18,737,925	19,014,017
Taxes	14,457,938	14,746,541
Accretion Expense	117,115	111,515
Other Interest Expense	- 0	- 0
Total Operating Expenses	<u>160,930,359</u>	<u>165,158,596</u>
OPERATING MARGINS - Before Interest	9,167,507	9,649,330
INTEREST ON LONG-TERM DEBT	<u>7,331,442</u>	<u>7,397,917</u>
OPERATING MARGINS	1,836,065	2,251,413
NONOPERATING MARGINS		
Interest Income	2,015,695	637,522
Capital Credits	197,835	201,912
Loss from Subsidiaries	- 0	- 0
Other Nonoperating Income (Expense)	202,555	74,892
Total Nonoperating Margins	<u>2,416,085</u>	<u>914,326</u>
EXTRAORDINARY ITEMS	<u>- 0</u>	<u>- 0</u>
NET MARGINS	4,252,150	3,165,739
Net Loss (Margins) Attributed to Non-Controlling Interest	<u>8,514</u>	<u>7,020</u>
NET MARGINS - COOPERATIVE	<u>4,260,664</u>	<u>3,172,759</u>

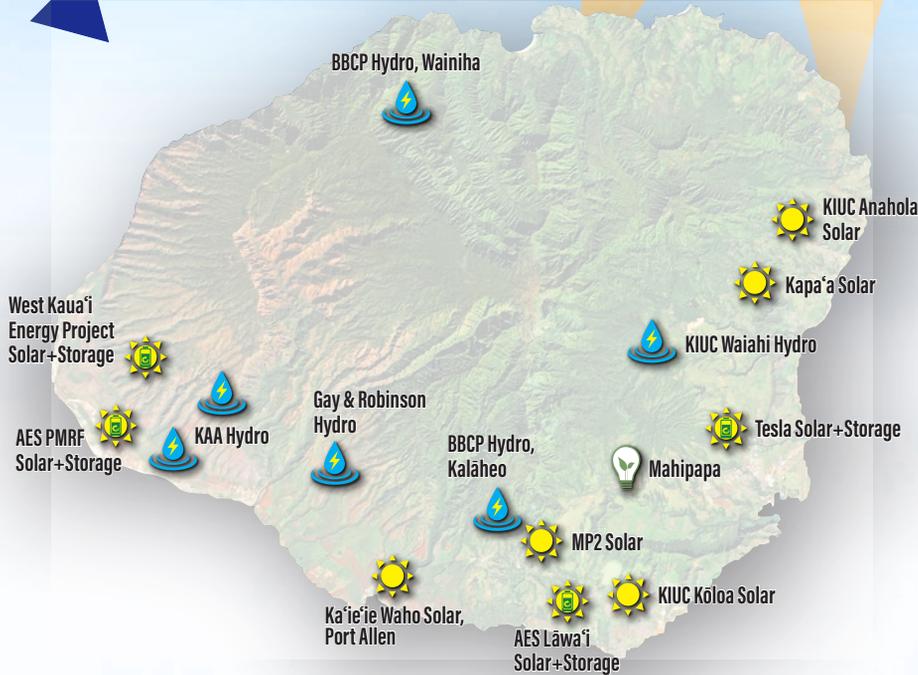
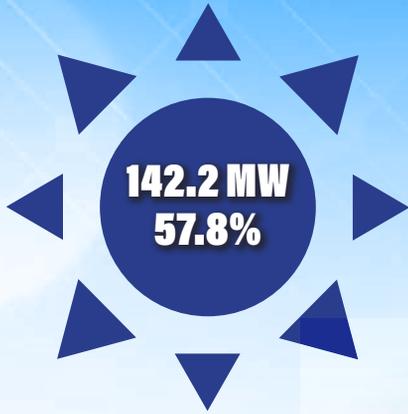


Consolidated Statement of Cash Flows

	December 31,	
	2023	2022
CASH FLOWS FROM OPERATING ACTIVITIES		
Net Margins	4,260,664	3,172,759
Adjustments to Reconcile Net Margins to Net Cash from Operating Activities		
Depreciation and Amortization	18,737,925	19,584,279
Accretion Expense	117,115	111,515
Noncash Lease Expense	(635,689)	135,716
Interest Earned on Cushion of Credit	(118,531)	(57,357)
Capital Credits	(197,834)	(201,912)
Income Attributable to Non-Controlling Equity Interest	(8,514)	(7,020)
Forgiveness of PPP Loan	- 0	- 0
Change in Assets and Liabilities:		
Accounts and Notes Receivable	(818,059)	(1,420,891)
Energy Rate Adjustment Clause	733,901	(715,780)
Inventories and Other Current Assets	264,200	(1,851,928)
Deferred Debits	(3,882,824)	(53,368)
Post Retirement Benefit Obligations	88,443	1,170,462
Payables and Accrued Expenses	(2,986)	(1,210,139)
Deferred Credits	2,154,649	(379,440)
Net Cash from Operating Activities	<u>20,692,460</u>	<u>18,276,896</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Additions to Utility Plant, net	(15,462,097)	(12,977,431)
Rural Economic Development Loans	(4,637)	(359,934)
Other Investments	10,094,817	(4,883,207)
Net Cash from Investing Activities	<u>(5,371,917)</u>	<u>(18,220,572)</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Borrowings from Long-Term Debt	- 0	21,056,000
Payments on Long-Term Debt	(7,267,385)	(5,830,800)
Net Activity on Line of Credit	- 0	- 0
Contributions from Non-Controlling Equity Interest	- 0	- 0
Capital Distributions Paid to Investor	(48,801)	(44,187)
Memberships	12	15
Other Equities	78,914	91,084
Retirement of Patronage Capital	(246,920)	(2,019,306)
Net Cash from Financing Activities	<u>(7,484,180)</u>	<u>13,252,806</u>
CHANGE IN CASH AND CASH EQUIVALENTS	7,836,363	13,309,130
CASH AND CASH EQUIVALENTS - BEGINNING OF YEAR	<u>38,117,998</u>	<u>24,808,888</u>
CASH AND CASH EQUIVALENTS - END OF YEAR	<u>45,954,361</u>	<u>38,117,998</u>

2023 Total Renewable Energy in Service

KIUC Renewable Map



Active In Use	Type	MW	% of Generation
KIUC, Ko'loa	Solar	12.0	3.8
KIUC, Anahola	Solar	12.0	3.5
Mahipapa	Biomass	6.7	7.8
Ka'ie'ie Waho, Port Allen	Solar	6.0	1.9
BBCP, Wainiha/Kalaheo	Hydro	6.0	3.8
KIUC, Waiahi	Hydro	1.5	0.5
Gay & Robinson, Olokele	Hydro	7.3	7.4
KAA, Waimea/Kekaha	Hydro	1.5	0.3
Kapa'a Solar	Solar	1.0	0.3
Tesla Solar+Storage	Solar	13.0	3.8
AES La'wa'i Solar+Storage	Solar	20.0	6.8
AES PMRF Solar+Storage	Solar	14.0	4.6
MP2, 'Ōma'o	Solar	0.3	0.1
Customer Solar	Solar	41.4	13.4
Under Development	Type	MW	% of Generation
West Kaua'i Energy Project	Solar	35.0	15.0



VISION

Improve the quality of life for
KIUC's members and Kaua'i.

MISSION

Be an energy solutions leader by:

- ☀️ Safely providing reliable power that is fairly and competitively priced
- ☀️ Encourage conservation and efficient use of energy resources
- ☀️ Increasing sustainable power supply and environmental stewardship

CULTURE

The culture is shaped by several elements, all critical to KIUC's success. KIUC embraces the Seven Cooperative Principles and a Hawaiian-based values system, derived from an employee-adopted set of shared values called Ho'oka'ana Waiwai.



Your Touchstone Energy® Cooperative 

4463 Pahe'e Street, Suite 1, Lihu'e, HI 96766-2000
808.246.4300 ■ kiuc.coop



2024 CALENDAR OF STUDENT ART

The 2025 Calendar of Student Art deadline is October 16. Submit art at kiuc.coop/calendar-contest

CONGRATULATIONS TO OUR THIRD-QUARTER WINNING ENTRIES!



LEVI SCHWARTZ
Seventh Grade
Kanuikapono Public Charter School
Green Orchid Studio



ADELAIDE SCARBO
Eighth Grade
Hawai'i Technology Academy - Kaua'i
Green Orchid Studio



SKYE BENSAT
Ninth Grade
Kaua'i High School
Green Orchid Studio

KIUC in the Community



First row, from left: Kukui Grove Back to School Bash, Leadership Kaua'i Class of 2024
Second row, from left: Kaua'i Police Department Touch a Truck (photo provided by County of Kaua'i), Hanamā'ulu Beach Cleanup
Third row, from left: Verizon Innovative Learners STEM Achievers program at Kaua'i Community College, Hanapēpē Summer Fun Camp, Central Pacific Bank Voyagers tour Port Allen Generating Station

Member Mahalos



Dear KIUC

Thank you for your generous donation to the Zonta Club of Kaua'i Foundation. We appreciate you for choosing our organization and being a part of our Red-Carpet Gala, 2024. Your donation will enable the Zonta Club of Kaua'i Foundation to continue providing scholarships to Kauai's deserving female high-school seniors and women returning to college, at any age.

Zonta Club of Kaua'i has awarded scholarships to accomplished and deserving students since the late 1980's. Your contributions benefit our scholarship winners not only financially, but also by knowing that there are caring people like you who share their Aloha in such a meaningful way.

Mahalo Nui Loa,

Scholarship Fundraising Committee:

- Jeannette Bonilla (co-chair)
- Hollis Dana (co-chair)
- Rebecca Carmate
- Laura Cristobal Andersland
- Vianne Tabata
- Vanessa Punua
- Melissa Kerr
- Mary Kay Hertog

The Zonta Club of Kaua'i Foundation
PO Box 3032, Lihue HI 96766

Website: www.Zonta-Kauai.org Email: ZontaKauai@gmail.com

The Zonta Club of Kaua'i Foundation is a qualified charity under the section 501(c)(3) of the Internal Revenue Code. Advancing The Status of Women Worldwide Charter #254 of Zonta International: # 42-1649554

Social Media Shout Outs

We saw them at work when we drove through the one lane that was open. They were hard at work. Great work!

Good Job KIUC Crew this morning, Au'raii!

Grateful for all your hard work and sacrifice. Mahalo nui loa!

Mahalo! I saw crews still working at 6:30 this evening. Everyone please slow down so they can go home safely to their families! Amazing job working through the night in dangerous conditions and restoring power by early morning!!

Appreciate YOU all for your effort to restore power to our homes. May God Bless YOU!



Photo credit: Reyton Siliado

KIUC line crews in Hanapepe

Thank you to the Kaua'i Fire Dept., KPD and the many, many hands working hard to contain this fire. Thank you to all the KIUC employees who de-energized the place. Thank You to everyone who's working so hard and the community for coming together.





presents

... honoring our past, shaping our future!!

KAUAI PHILIPPINE CULTURAL CENTER

A PLACE FOR ALL

Kauai Filipino American HISTORY MONTH

OCTOBER 18 & 19

10am-8pm

10am-6pm

EVENT TICKET

\$10 PER PERSON

Free for 17 yrs old & under

All event proceeds to defray the costs associated with providing cultural programming for public benefit

Open to the Public | Visitors Welcome

- EXHIBIT: *Filipino Migration to Hawaii and Kauai, Sakada, stories of notable Hawaii Filipinos, artifacts*
- Presentation on Filipino Oral History
- Dessert sampling by Chef Orly
- Local Vendors
- Musical Performances
- Cultural Dancers
- Las Vegas donation drawing
...so much more

Qualify to Win!

\$20 PER TICKET



for further info please contact

kpcc2020@gmail.com • Milani Pimental: 808-634-1027 | Sonia Topenio: 808.652.2499

KAUAI FILIPINO WOMEN'S CLUB



58th Annual Terno Ball

Saturday | Sept. 21, 2024 | 6pm

Royal Sonesta Kauai Resort
Grand Ballroom

\$150
per person

for further info please contact

Barbara Green | 818-383-1155

Charlmaine Bulosan | 808-652-3667

kauaifwc@gmail.com | kauaifilipinowomensclub.org

30 | KIUC CURRENTS

KAUAI VISAYAN CLUB



Theme:
INVESTING IN
TOMORROW'S
LEADERS

23rd International Costume Ball

Saturday | Oct. 26, 2024 | 6pm

Outrigger Kauai Beach Resort & Spa

Beneficiary:

Kumu's

Cupboard

\$140: General admission

\$70: Children from 6-12 years old

Free: Children 5 years old and below

Chairperson: Adrian Ardiente | 808-940-4725

MARK YOUR CALENDAR! FREE ENTRY!

A Community Celebration for the entire family!



HHSC KAUA'I REGION

AND ITS PARTNERS

PRESENTS THE



HHSC Kauai Region hhsckauai

Follow us for updates on what you can expect at our Fall Celebration!

FIRST ANNUAL • OCTOBER 26, 2024

KVMH Campus • Waimea, Kaua'i



FALL CELEBRATION



MORE SURPRISES TO COME!

For details, go to our website at: www.kauai.hhsc.org

ENGAGE IN HEALTHY LIVING

- ASK A DOCTOR
- PASSPORT TO HEALTHY LIVING
- FAMILY FUN
- FOOD VENDORS
- LUCKY DRAWING
- FREE GIVEAWAYS
- ENTERTAINMENT... and more!



Our Fall Celebration starts at the HARVEST FESTIVAL!
Get your HHSC Kauai Region passport stamped at our booth and bring to the October 26th FALL CELEBRATION for a chance to win at the lucky drawing!



A Harvest of Flavors

Pumpkin Spice Blondies

- 🍂 1 cup flour
- 🍂 ½ 15-ounce can pumpkin puree
- 🍂 ½ cup melted vegan butter
(can substitute regular butter)
- 🍂 2 flax eggs
(can substitute regular eggs)
- 🍂 ¼ teaspoon ground cinnamon
- 🍂 ⅓ teaspoon ground ginger
- 🍂 ¼ teaspoon ground cloves
- 🍂 ¼ teaspoon ground nutmeg
- 🍂 ¼ teaspoon salt
- 🍂 ½ cup sugar
- 🍂 ½ teaspoon baking powder



Heat oven to 375F. Mix flax eggs, butter and sugar thoroughly. Mix in pumpkin puree and spices. Add flour, salt and baking powder. Line an 8x8 brownie pan with parchment paper. Pour in batter. Bake 35 to 40 minutes. Cool. Cut, serve, and enjoy.

Pumpkin Tofu Curry

- 🍂 1 tablespoon olive oil
- 🍂 ½ cup diced onion
- 🍂 2 cups vegetable broth
- 🍂 ½ cups coconut milk
(Silk or So Delicious, not canned)
- 🍂 15-ounce can pumpkin puree
- 🍂 2 teaspoons ground cumin
- 🍂 2 teaspoons of curry powder
- 🍂 1 teaspoon salt
- 🍂 14-ounce block extra-firm tofu,
pressed and cubed
- 🍂 Salt and pepper, to taste
- 🍂 Optional: your choice of vegetables,
such as cauliflower, peas, and spinach



Heat oil in a large pot over medium-high heat. Add onion, and saute for 3 minutes or until translucent. Add broth, coconut milk, pumpkin puree, cumin, curry powder, salt, tofu and any vegetables. Stir well to combine. Reduce heat to low, and simmer for 15 minutes, stirring occasionally. Remove from heat. Add salt and pepper to taste.

Sweet Potato Sushi

Forbidden Rice (Black Rice)

- 🍁 1 cup black rice
- 🍁 1 cup white rice
- 🍁 2 cups water (electric pressure cooker) or 3 cups if cooking on stove
- 🍁 3 tablespoon rice vinegar
- 🍁 1 tablespoon mirin or sugar
- 🍁 1-2 teaspoon of salt

Add rice and water to an electric pressure cooker, and set to 18 minutes. Let steam for 15 minutes. For stovetop, bring to a boil. Cover and reduce heat. Simmer 30 to 40 minutes. Mix vinegar, mirin and salt. Sprinkle over cooked rice and combine.

Sweet Potato Tempura

- 🍁 1 small sweet potato
- 🍁 Tempura batter mix
- 🍁 Panko

Place sweet potato in an electric pressure cooker and set for 2 minutes. Or steam sweet potato for about 10 minutes so it's easier to peel.

Allow to cool, then peel. Cut into strips 4 to 6 inches long and 1/2-inch wide.

Prepare batter according to package instructions. Dip sweet potato sticks into batter and in panko.

Air fry at 390 degrees for 5 minutes, or fry until browned.



Sushi

- 🍁 Nori sheets
- 🍁 Cooked sushi rice
- 🍁 Sweet potato tempura
- 🍁 Vegetables of choice (cucumber, carrot, lettuce, avocado)
- 🍁 Sauce of choice (vegan mayo, teriyaki)
- 🍁 Furikake
- 🍁 Optional: ginger, wasabi

Place rice on nori. Sprinkle furikake on rice. Add sweet potato and vegetables of choice. Add sauce. Roll into sushi.



Sharon De La Peña, RDN, LDN, CDE, MS

Ho'ōla Lāhui Hawai'i offers a variety of services, including primary care, dental care, behavioral health, fitness programs and outreach services. Ho'ōla Lāhui Hawai'i is dedicated to improving the health of our Kaua'i community through its clinical care and innovative integration of Hawaiian values. Visit hoolalahui.org for more information.

Hallie Cristobal, MS, UH Extension Agent for 4H Youth and Generational Programs

The Kaua'i County Cooperative Extension programs focus on agriculture and food systems, gardening, nutrition, health and wellness, youth and workforce development, the environment and natural resources. County agents are available for consultations and educational workshops. Visit 3060 Eiwa Street, Room 210, at the State Office Building in Līhu'e or ctahr.hawaii.edu, or call 808.274.3471.

Save Our Shearwaters

SEPT 15-DEC 15



This time of year, seabirds leave their nests at night and are guided by the light of the moon out to sea. Unfortunately, these birds can be attracted to artificial light by mistake and end up grounded. Once grounded they are often unable to regain flight, and become vulnerable to a variety of threats (e.g. predation, contamination, vehicle collisions).



Save Our Shearwaters rehabilitates all native Hawaiian birds and the Hawaiian Hoary Bat. If you find a grounded bird, please drop the bird off at the nearest Aid Station (listed below). Each bird receives a full assessment by SOS staff. Even seemingly healthy birds may need care before they are able to survive at sea!

CALL (808) 635-5117 OR GO TO SAVEOURSHEARWATERS.ORG FOR ASSISTANCE

AID STATION LOCATIONS

NORTH

KĪLAUEA MEDICAL GROUP
HANALEI FIRE STATION
HANALEI LIQUOR

EAST

KAIĀKEA FIRE STATION
KAPA'A FIRE STATION
SOS (7370 KUAMO'O RD)

CENTRAL-SOUTH

LĪHU'E FIRE STATION
KŌLOA FIRE STATION

WEST

WAIMEA FIRE STATION
HANAPĒPĒ FIRE STATION
KALĀHEO FIRE STATION

  @SAVEOURSHEARWATERS

KIUC Statement of Operations

For the Period 01/01/2024 - 06/30/2024

By **Stacie Dellamano**

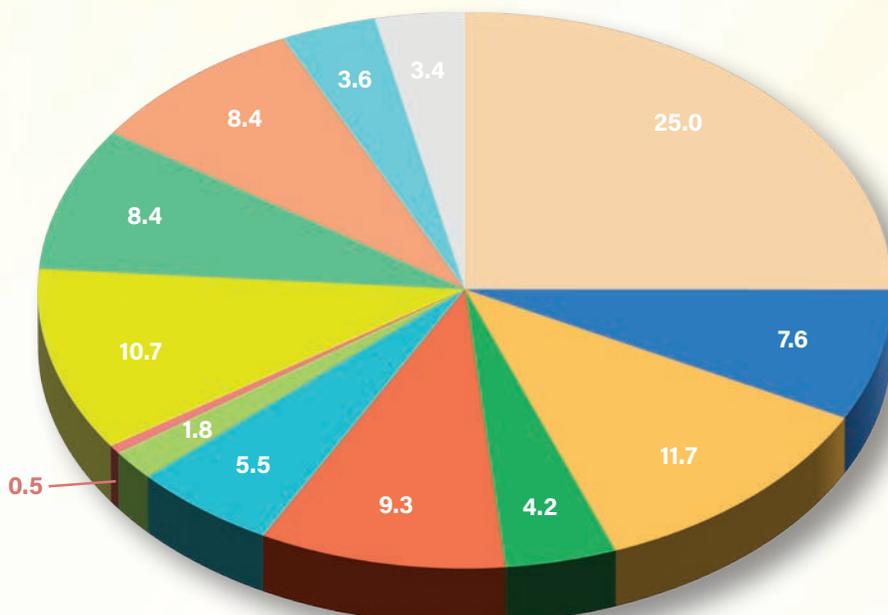
From the inception of the cooperative, the employees and members have contributed to the narrative of who Kaua'i Island Utility Cooperative is today: A resilient, adaptive and forward-thinking organization poised for continued renewable growth. KIUC continues to publish quarterly financial results for transparency and accountability to its members. The financials serve several important purposes for KIUC, a not-for-profit organization: reviewing financial statements helps ensure and allows members to understand how the organization is managing its financial resources; financial statements provide a snapshot of the organization's financial health; financial statements can reveal adherence to financial reporting standards; and understanding financial statements facilitates communication between the organization's leadership and its members. KIUC provides both written and graph format of financial statement presentations quarterly and annually to its members. The key numbers on the most recent operating statement are discussed below:

Revenues, expenses and net margins totaled \$89 million, \$85.9 million, and \$3.027 million, respectively, for the six-month period ending June 30, 2024. This positive first quarter margin of \$3.027 million is attributed to KIUC's request to the Hawai'i Public Utilities Commission for a revenue increase that was granted in an interim Decision and Order by the PUC on November 27, 2023. In this order, the PUC approved tariffs with an interim implementation date of January 11, 2024. Rate case information can be found at kiuc.coop/ratecase.

Like other electric utilities, the cost of power generation is the largest expense, totaling \$51.4 million or 57.8% of revenues. Commodities, which are fuel and purchased power costs, are the largest component of power generation, totaling \$43.1 million or 48.5% of revenues. Fossil fuel is the largest single component of commodities totaling \$22.3 million or 25% of revenues. However, our renewable sources combined (hydro, biomass and solar) comprise 23.5% of revenue.

The cost of operating and maintaining the electric lines totaled \$4.9 million or 5.5% of total revenues. The cost of servicing our members totaled \$1.6 million or 1.8% of revenues. The cost of keeping our members informed totaled \$0.4 million or 0.5% of revenues. Administrative and general costs, which include legislative and regulatory expenses, engineering, executive, human resources, safety and facilities, information services, financial and corporate services, and board of director expenses, totaled \$10.8 million or 12.1% of revenues.

Being capital intensive, depreciation and amortization of the utility plant costs \$7.4 million or 8.4% of revenues. Although not subject to federal income taxes, state and local taxes amounted to \$7.5 million or 8.4% of revenues. Interest on long-term debt, at a favorable sub-4% interest rate, totals \$3.2 million or 3.6% of revenues. Nonoperating net margins (e.g., interest income) added \$1.3 million to overall net margins. \$1.6 million or 3.8% of revenues. Nonoperating net margins (e.g., interest income) added \$.6 million to overall net margins.



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David Bissell
 President and CEO

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KAUA'I SMALL BUSINESS ENERGY EFFICIENCY GRANT

FUNDING FOR EFFICIENCY UPGRADES

- ✓ Air conditioning
- ✓ Lighting
- ✓ Motors
- ✓ Refrigeration

PROGRAM STEPS

CONTACT

1 Fill out interest form, then email KIUC.

REVIEW

- 2 KIUC performs energy audit.
- 3 Business solicits quote from a contractor.
- 4 Grant team reviews quote and determines grant amount, for business's consideration.

INSTALLATION

5 Contractor performs installation.

REBATE

6 KIUC does final site visit and business receives rebate from Grant.

HOW IT WORKS

KIUC covers % of materials costs, grant covers % of labor costs.



www.kiuc.coop/form/sbeeg



energyservices@kiuc.coop



www.kauaiforward.com/sbeeg

FUNDS ARE LIMITED - SAVE MONEY & APPLY NOW!



*Grant for businesses under KIUC Rate Schedule J or G.



Kaua'i Island Utility Cooperative
 Your Touchstone Energy Cooperative



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