

March 2019

Kaua'i Island Utility Cooperative

CURRENTS

**New AES Lāwa'i Solar Array
Adds 20 MW to KIUC's
Renewable Portfolio**

Inside:

*You're More Than a Customer
KIUC's Home Assessment Learning Experience*



Aloha Island Team



KAREN L. AGUDONG, REALTOR(B)

RB-17447

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



1389 HONO OHALA PLACE, KAPAA

Beautiful location along a country road in Wailua Homesteads on a small cul-de-sac street. Seller is under contract to install a water meter before the close of escrow at Seller's expense. \$289,000(fs). Call: Karen Agudong, REALTOR (B) 652-0677 or email: karen@alohaisland.com.



SOLD!!

4145 KOAKI PLACE, LIHUE (PUAKO SUBDIVISION)

Dynamic mountain views with this single-story home in the beautiful Puako subdivision in Lihue. There are 3 bedrooms and an additional den space with closed doors which can be used as a 4th bedroom or private office. With over 15,000 sf of land, this large spacious lot gives a feel of ample space and privacy in your back yard. Beautiful circle driveway located off of a short cul de sac! SOLD ~ \$925,000(fs). Call: Karen Agudong, REALTOR (B) 652-0677 or email: karen@alohaisland.com.



REDUCED PRICE

HALELANI VILLAGE #A104

2 bedroom, 2 bath ground floor condominium unit near the Community College and shopping. Great opportunity! \$319,500(fs). Call: Karen Agudong, REALTOR (B) 652-0677 or email: karen@alohaisland.com.



SOLD!!

4381 OLALI STREET, ELEELE ROAD

3 bedrooms, 2 full bathrooms and a fenced yard with tons of fruit trees. Recently painted exterior for a beautiful, fresh and clean look. Appliances included! SOLD ~ \$521,000(fs). Call: Karen Agudong, REALTOR (B) 652-0677 or email: karen@alohaisland.com.



YOUR PROPERTY HERE!

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

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ON THE COVER

AES Solar plus Storage facility in Lāwa'i.
Photo credit AES.

Save postage, get your Currents online

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

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

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



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

KIUC is an equal opportunity provider and employer.



From the Chairman

Aloha!
What an exciting time to be a member of Kaua'i Island Utility Cooperative. This little cooperative in the middle of the Pacific is reaching 50 percent renewable energy generation—a milestone that was but a dream just a few years ago. And the world is taking notice. KIUC is now known as a global leader in renewable energy innovation.

This achievement has taken great effort, but the march to reaching our next strategic goal of 70 percent renewable generation by 2030 will be even more challenging. The roadmap has been set. The AES PMRF solar-plus-storage facility is under construction, and development of the West Side Energy Project (i.e., pumped storage hydro) is moving forward as planned.

As an isolated island grid striving to provide firm, clean, affordable energy, we must leverage all available resources to the fullest extent possible. Our renewable portfolio consists of biomass, hydropower and solar—each of which plays a unique and critical role in our clean energy future.

KIUC is committed to reaching these renewable goals in a way that best serves our members, supports our community and protects our natural resources. As a member of KIUC, we encourage you to stay abreast of our progress and provide your input along the way.

'Mahalo nui loa,

Allan Smith

2019 KIUC BOARD OF DIRECTORS ELECTION RESULTS

Kaua'i Island Utility Cooperative's incumbent directors Calvin Murashige, Jan TenBruggencate and Peter Yukimura have been re-elected to the KIUC board. These three directors will each serve for a three-year term ending March 2022.

Merriman River Group submitted the official results for the 2019 board of directors election. The results are:

- 1. Calvin Murashige: 3,116
- 2. Peter Yukimura: 3,046
- 3. Jan TenBruggencate: 2,994

KIUC mailed 26,053 ballots and received 3,792 responses, for a turnout of 15 percent.

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

The re-elected board members were inaugurated on March 26.



Calvin Murashige



Peter Yukimura



Jan TenBruggencate



2019 KIUC "election crew"

Board Actions

Below is a summary of some of the actions taken by the KIUC Board of Directors in November and December 2018, and January and February 2019.

February 26, 2019, Board Meeting

Motion carried 2018 corporate performance results.

Motion carried 2019 corporate performance targets.

Motion carried Board Policy No. 7, interrelationship between the board of directors and the CEO; reviewed, no substantive changes.

Motion carried Board Policy No. 29, equity management plan; reviewed, amended as noted, approved as amended.

January 29, 2019, Board Meeting

Motion carried Board Policy No. 8, director and committee member compensation and expense reimbursement; reviewed, no substantive changes.

Motion carried Board Policy No. 9, investment of general funds; reviewed, no changes.

Motion carried 2018 budget amendment, HCP professional expenses additional \$330,610.

Motion carried change time of the March 26, 2019, annual and regular board meetings to 9 a.m. and 9:30 a.m., respectively.

December 19, 2018, Board Meeting

Motion carried 2019 National Rural Electric Cooperative Association voting delegate and alternate: Peter Yukimura and Teofilo Phil Tacbian.

Motion carried Resolution 05-18, 2019 Results of Operations budget.

Motion carried Resolution 06-18, 2019 capital budget.

Motion carried Board Policy No. 24, revised.

Motion carried confirmation of Kaaina Hull, Ian Jung, Allison Mizuo Lee and Marissa Sandblom as members of the 2019 nominating committee.

November 27, 2018, Board Meeting

Motion carried ratification of the appointment of Director Dee Crowell to serve as chairman of the 2018-2019 nominating committee.

Motion carried 2019 monthly board meeting dates.

Motion carried acceptance of 2017 depreciation study and approval to submit to the Rural Utilities Service.

Motion carried Board Policy No. 25, KIUC charitable/nonprofit giving; reviewed, no substantive changes.

Motion carried Board Policy No. 27, director communications and disclosure; reviewed, no substantive changes.

Motion carried Board Policy No. 30, electric rates and rate design; reviewed, no substantive changes.

You're More Than a Customer

By Calvin Murashige



KIUC staff members participate in the Annual March of Dimes "March for Babies" event.

Kulia i ka nu'u—Hawaiian proverb meaning, "Strive to reach the highest."

To a large degree, this reflects KIUC's philosophy toward our members. As a cooperative, we have a different "bottom line." While our priority is always to provide reliable and safe energy, there is another equally important part of this equation. Your well-being and that of the larger community that we serve are of paramount concern.

To us, you are not just a customer. You are a member of our co-op. Without you, we would not exist.

In 2002, KIUC was founded to fulfill a vital need in our community. Concerned local leaders came together to create this co-op and place the future of our energy generation, transmission and distribution squarely into our own hands.

We constantly evolve to meet the Kaua'i's needs, and we are able to do this because of members like you.

Since our inception, we have sought feedback and engagement from you to guide our long-term decisions. This is why we hold annual meetings, bring our strategic planning process into the community and open our board meetings to public participation. We want and need your feedback. We are members of the co-op and the Kaua'i community, just like you.

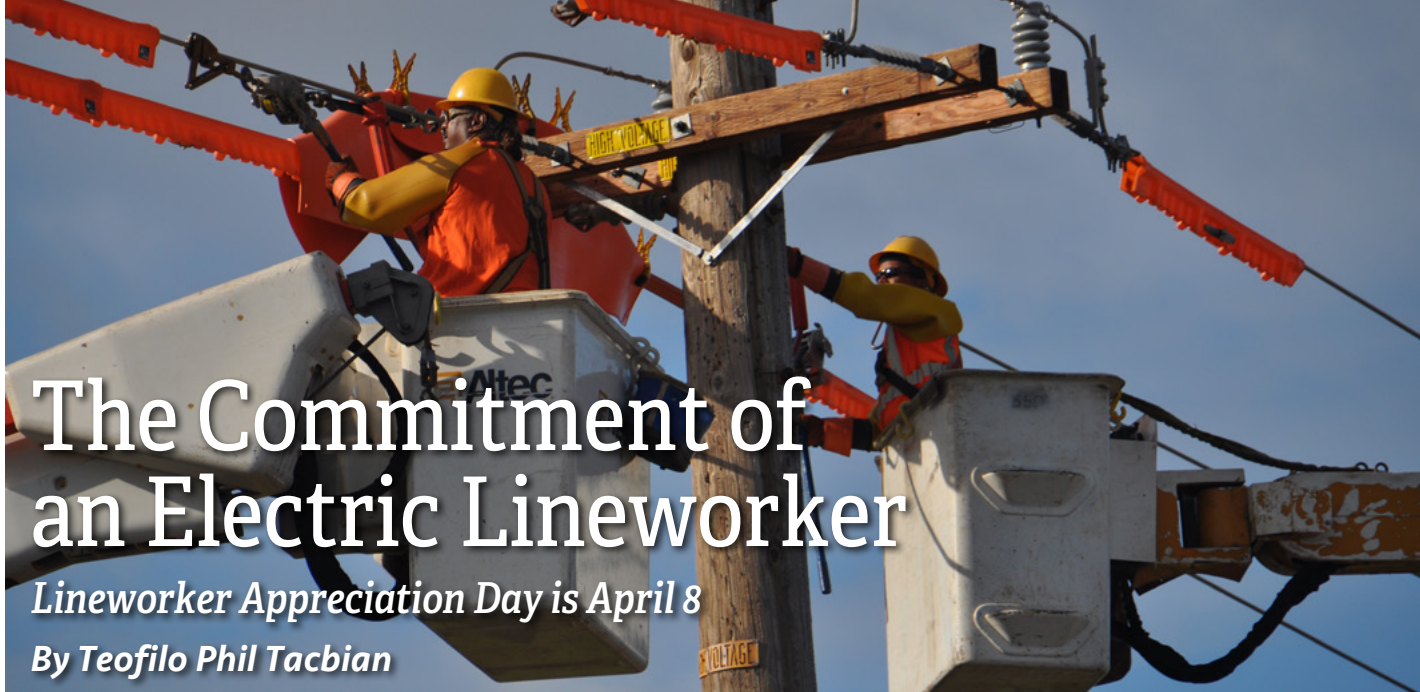
We strive to find new ways to help you use energy more efficiently. We're always looking to explore more options that will help you manage your energy use, and our Energy Services staff stands ready to assist residents and businesses alike. We seek to keep pace with the changing energy environment, evolving technology and shifting consumer expectations.

As a local business, we have a stake in the community. That's why we support local charitable organizations such as Kaua'i United Way, and through programs such as Low Income Home Energy Assistance Program. When you support these efforts, you are supporting the community and making it a better place for everyone.

Times may change, but our mission and outlook have not. We view our role as a catalyst for good. Working together, we can accomplish great things for our community now and in the future. 🌱



Special Olympics gets a boost from KIUC's assistance with its annual "Cop on Top" fundraiser.



The Commitment of an Electric Lineworker

Lineworker Appreciation Day is April 8

By Teofilo Phil Tacbian



National studies consistently rank power line installers and repairers among the most dangerous jobs in the country, and for good reason. Laboring high in the air wearing heavy equipment and working directly with high voltage creates the perfect storm of a dangerous and unforgiving profession. But electric lineworkers are up to the task. These brave men and women are committed to safety, as well as the challenges of the job.

KIUC's lineworkers are responsible for keeping power flowing day and night, regardless of national holidays, vacations, birthdays, weddings or other important family milestones. Beyond the years of specialized training and apprenticeships, it takes internal fortitude and a mission-oriented outlook to be a good lineworker. In fact, this service-oriented mentality is a foundational characteristic of lineworkers. The job requires them to set aside their personal priorities to better serve their community.

Family Support System

To perform their jobs successfully, lineworkers depend on their years of training, experience and each other to get the job done safely.

Equally important is having a strong support system at home. A lineworker's

family understands and supports their loved one's commitment to the greater community during severe storms and power outages.

This means in times of prolonged outages, a lineworker and his or her family may have minimal communication and not see each other for several days. Without strong family support and understanding, this challenging job would be all the more difficult.

Community Commitment

On Kaua'i and across the country, electric co-op lineworkers' mission-focused mentality of helping others often extends beyond their commitment to their work at the co-op. Lineworkers are often familiar figures in the community. They can be found coaching youth sports teams, volunteering for local charities and serving on local advisory boards.

Thank You

Lineworker Appreciation Day is Monday, April 8. Given the dedication of KIUC's lineworkers, both on and off the job, I encourage you to take a moment and acknowledge the many contributions they make to our local community. If you see their family members in the grocery store or around the island, please offer them a mahalo as well. 🌻

**New & Innovative
Products,
Prize Drawings
& Giveaways**



Your Source for a Better Home & Lifestyle

The Annual

CAK HOME SHOW

Presented by First Hawaiian Bank

**Friday, April 12 from 2:30 to 9pm
Saturday, April 13 from 9am to 2pm**
Kaua'i War Memorial Convention Hall - Hardy Street

Exhibits, Workshops, Consumer

**Sponsors: Seminars & Information from Professionals
Free & Open to the Public**

First Hawaiian Bank's Cash Grabber Chamber
Will Be There!

Win A Las Vegas Trip for Two
in cooperation with Mokihana Travel

**Cooperating
Sponsors:**



First Hawaiian Bank.



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

SCHOLARSHIPS AVAILABLE

Contractors Association of Kaua'i (CAK) Scholarship Program

Applications available with counselors at Waimea High, Island School, Kaua'i High, Kapa'a High. Also at Kamehameha Schools Kaua'i regional office or by calling the Contractors Association of Kaua'i at (808) 246-2662.

Application deadline: April 30, 2019

Applicants must be:

- college students majoring in civil, mechanical, electrical engineering, architecture, construction management, landscape architecture or
- community college students or high school seniors planning to attend Kaua'i Community College as a construction trades major (carpentry, HVAC technician, electrician). They are eligible for the Kenneth Shioi Memorial Scholarship, or
- high school seniors who plan to major in civil, mechanical, electrical engineering, architecture, construction management, landscape architecture, or
- students who are pursuing post graduate studies in a construction field are also eligible for CAK scholarships.



HALE Program

Do you think you're paying too much for your electric bill? Sign up for KIUC's home assessment learning experience program, or HALE.

Who doesn't want to save money and make life easier? HALE is used to determine the causes of high energy consumption in the home.

The first step is to fill out an application form. Forms are available at www.kiuc.coop under the Member Services—Energy Services Programs portion of the website. Submit your completed application to KIUC for review, and an energy services specialist will call you to discuss your results.

If it's determined you have high consumption, you will be scheduled for a home visit. During the visit, a specialist will collect appliance and demographic information to establish if the high consumption is justified. If not, the specialist will look for other conditions causing the high consumption.

If needed, KIUC may offer direct installation of low-cost energy saving devices such as LEDs, smart plugs and smart power strips. SmartHub education is also offered as a way to help members understand their electric bills.

For more information, call 246.4300 or go to www.kiuc.coop. ☻



SOUND THE ALARM
Save a Life



FREE SMOKE ALARM INSTALLATION

You may have as little as **2 minutes** to escape a burning home **before it's too late**

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

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

We will be installing free smoke alarms in homes from:

April 27th to May 18th

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

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



**Want to help?
Join the effort**

Call or go to soundthealarm.org

Outage Information: Where to Find It and When to Call

Guidance for KIUC Members

By Beth Tokioka

More than 14,000 KIUC members were without power on a Sunday afternoon in February, after wind gusts of up to 50 miles per hour downed trees, lines and poles all over the island. Our line crews, power plant personnel, member services representatives and others worked around the clock to restore power and respond to member concerns and requests as quickly as possible.

Within 24 hours, 90 percent of our members were restored. Isolated areas were more difficult to address due to blocked roadways, downed trees and significant damage to poles and lines. Coordination with County of Kaua'i crews and other utilities was critical to restoring power to all members.

Outages can cause anxiety. Quick and easy access to information about the status of your power supply and when it might be restored is critical to our members. In order to make current information available, we offer the following resources:

Outage Map

The outage map was added to our website in September. It is an excellent way to verify current outages. The map refreshes every five minutes, and can tell you if there is a large outage in your area. Links to the outage map are visible on several locations on the website homepage, www.kiuc.coop.

Facebook

While we don't post every individual outage on our Facebook page, most significant outages are reported. While the outage map will tell you generally that there's a problem in your area, the KIUC Facebook page will be more specific

so you can verify if we know about the outage that's affecting you. When known, we will also post the cause of the outage and the estimated time of restoration.

Even if you don't have a Facebook account, you can access our Facebook page and the information we post at www.facebook.com/kauaicoop. A live feed of our Facebook page is also viewable at the bottom of the KIUC website homepage.

KIUC Phone Lines

You can always call us at 246.4300 for current outage information or to report an outage. However, if an outage is impacting a large number of members, it may be difficult to get through due to high call volume. We encourage you to use the online resources first.

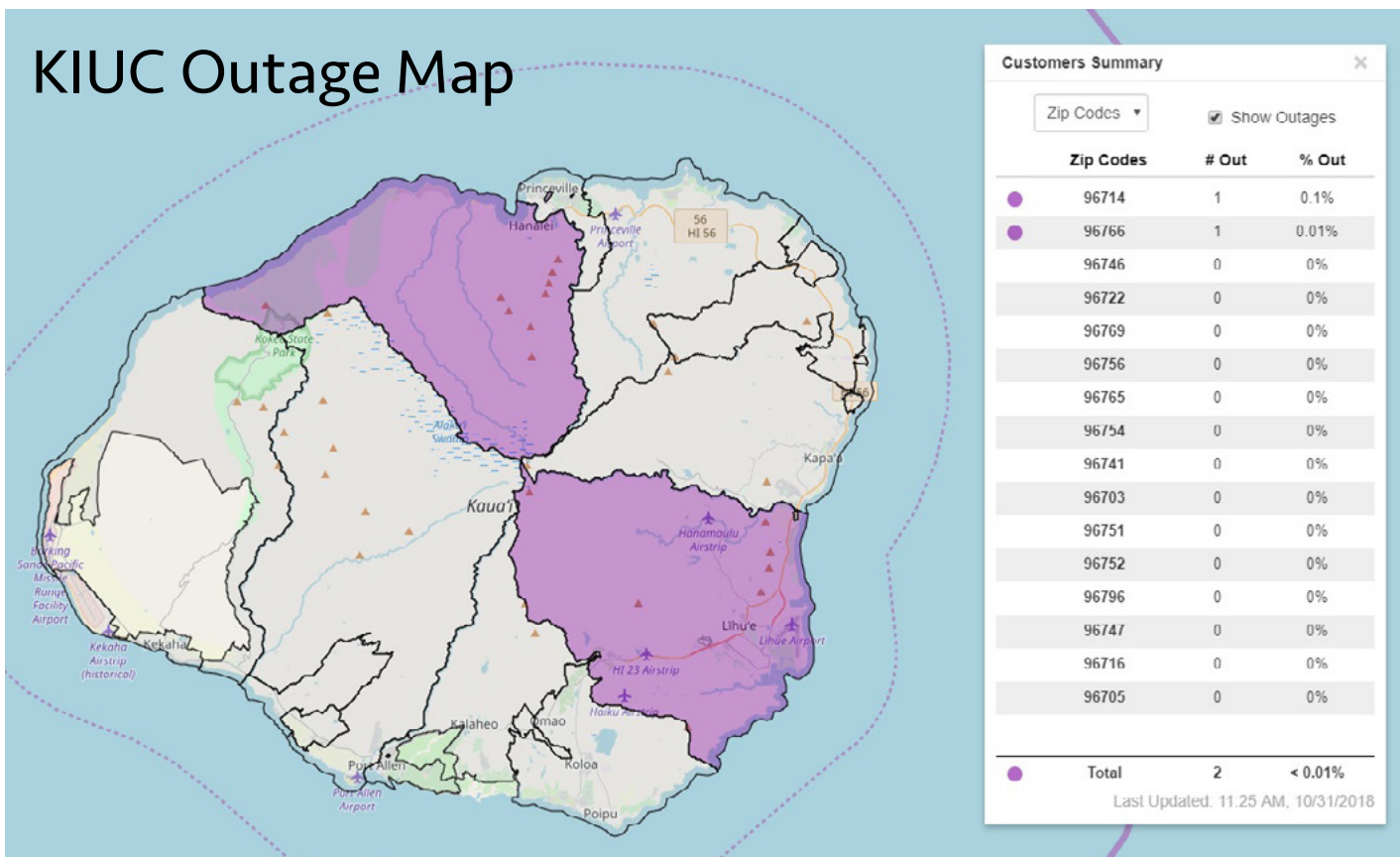
Additional Notes and Tips

Safety first! Sometimes power lines are knocked down during high winds. If you

see any lines from utility poles on the ground, assume they are dangerous. Do not touch them. If someone is touching a line, don't try to rescue them and risk becoming a victim. Get help immediately by calling 911.

Pictures are great! If you see a problem with our equipment, such as a line down or damage to a transformer, please snap a photo and get it to us. You can post it on our Facebook page or email it to info@kiuc.coop. Give us as much information as you can about where the picture was taken and what happened, e.g., heard a loud pop or explosion, lines are sparking, etc.

Sometimes resolving an outage is as easy as resetting your breakers. If you don't know how to do this, call us at 246.4300 between 8 a.m. and 4 p.m. Monday through Friday, and we can assist you. After hours and on weekends, call the same number and choose option 5 to speak with a KIUC representative. 🌟



KIUC Reaches Renewable Milestone

By Beth Tokioka





Mayor Derek Kawakami, KIUC's David Bissell, Council Chair Arryl Kaneshiro and AES' Woody Rubin spoke during the AES Lāwa'i blessing ceremony

"We've passed the 50-yard line and the end zone is in sight."

Those were the words of KIUC President and Chief Executive Officer David Bissell on a sunny day in early January as the cooperative and its renewable energy partner, AES Distributed Energy, unveiled the state's largest solar-plus-utility-scale-storage power facility in Lāwa'i.

Owned and operated by AES, the Lāwa'i Solar and Energy Storage Project is on former sugar land owned by Alexander and Baldwin (A&B) on Kaua'i's south shore. The facility consists of 28 megawatt solar photovoltaic and a 100-megawatt hour five-hour duration energy storage

system, and can meet up to 11 percent of Kaua'i's energy needs.

We recently sat with David to talk about the AES solar project and KIUC's bold march to 100 percent renewable generation.

Solar isn't a new technology, but there's a lot of excitement about these recent projects. Explain what's so different about what KIUC is doing with utility-scale solar.

Think about this: With the completion of the Lāwa'i project, as much as 40 percent of our evening peak power will be supplied by stored solar energy. This is combined from AES Lāwa'i and the Tesla plant in Kapaia. It's safe to say this is a unique achievement in the nation and possibly the world. When we first asked for proposals for this type of facility in 2014, it was nowhere near financially feasible. We worked hard with solar industry leaders who were eager to prove that storing solar energy for peak demand periods could be done—technically and economically. Over the course of a couple of years, the pieces fell into place. Now we're seeing



Mayor Kawakami joined KIUC board and staff for the blessing in Lāwa'i



The traditional blowing of the Ku (conch shell) started off the site blessing in Lāwa'i.

plants like these being built elsewhere in Hawai'i, on the mainland and even overseas.

Why is KIUC so aggressively pursuing these renewable projects?

The AES Lāwa'i facility alone will avoid the use of 3.7 million gallons of diesel each year. Overall, KIUC's renewable portfolio has expanded from 8 percent in 2010 to more than 50 percent today, with a corresponding reduction of 15 million gallons of fossil fuel usage per year. But stored solar power isn't just good for the environment. It benefits members' pocketbooks as well. Power from AES Lāwa'i will be purchased by KIUC at 11 cents per kilowatt hour. That's about one-third less than the current cost of diesel. Replacing fossil fuels with stable, lower-priced renewables helps KIUC keep rates as low as possible for our members.

KIUC seems to be experiencing early success in these ventures that is unique in the utility industry. How do you account for that?

Projects like this are possible because we've forged partnerships with landowners like A&B and Grove Farm and proven industry leaders such as AES and Tesla. Credit is also due to the strategic leadership of our board of directors. Back in 2008, they set a goal of being 50 percent renewable by 2023. Here we are

at 50 percent a full four years early. It takes bold leadership and a commitment to results to make these things happen.

What's next for KIUC on the renewable front?

More solar and hydro are what's going to get us to 100 percent renewable. We're actively seeking a long-term lease from the state of Hawai'i to maintain hydro generation from the Upper and Lower Waiahi hydropower plants—which, by the way, are by far our lowest cost source of electricity. We are also partnering with the Pacific Missile Range Facility and AES on a third solar-plus-storage facility in Kekaha.

The other major renewable project we're pursuing is the West Kaua'i Energy Project, which will use pumped storage hydro technology to produce up to 15 percent of our energy needs. Pumped storage hydro is a very old technology, but KIUC is the first utility to integrate solar as part of the system. The AES PMRF facility is under construction, and we expect it will be operational in 2020. If all goes well, the West Kaua'i project will be complete within five years. At that point, we'll be close to 90 percent renewable. That's pretty remarkable for a small cooperative like KIUC. 🌱



AES will use sheep for vegetation management at their Lāwa'i solar plus storage facility.

SIGN-UP AND SAVE

HOW CO-OP CONNECTIONS CAN BENEFIT YOU.

KIUC's Co-op Connections program is free! This is a win for our members and a win for our business owners. The program provides members with local and national deals. Go to www.connections.coop and sign up today.

You can also take your deals with you using the free mobile Co-op Connections app, which can be downloaded in the App Store and Google Play.

Co-op Connections provides:

- ❖ Local deals to save money in and around your community.
- ❖ Healthy savings discounts for prescriptions, dental and more.
- ❖ Cash-back online shopping at more than 3,000 retailers.
- ❖ Hotels savings at more than 400,000 hotels.
- ❖ A 10 percent savings on all concerts, sports events and theaters.
- ❖ Insurance savings to protect your family.
- ❖ National discounts to help you save money wherever you travel.



Business owners who want to get their businesses out there can sign up for the Co-op Connections program to potentially reach cooperative members throughout the nation. To request a participant agreement or program information, email connections@kiuc.coop. You could be featured in our magazine and found online or on the app.

Go to www.connections.coop and sign up today!

Download the free mobile app to take the savings with you
and redeem savings at point of sale.



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

KIUC is an equal opportunity employer and provider.

“Got Energy Literacy?”

By Carolyn Larson, Branch Manager at Līhu‘e Public Library.

JULIANNE COUCH

Traveling the Power Line

From the Mojave Desert to the Bay of Fundy



Knowledge is power. Līhu‘e Public Library partners with KIUC to bring you a broad range of book titles on energy topics available through your Kaua‘i neighborhood library. While promoting energy literacy, titles will cover many viewpoints and are not meant to reflect the policies of KIUC or the public library.

Author Julianne Couch wanted to know the real story on power production in this country. Approaching the task as a curious customer, she takes us along as she visits nine sites where electrical power is developed from different fuel sources. From a geothermal plant in the Mojave to a nuclear plant in Nebraska, from a Wyoming coal-fired power plant to a Maine tidal-power project, Couch gives us an insider’s look at how power is generated, how it affects neighboring landscapes and the people who live and work there, and how each source comes with its own unique complications. Couch blends the smart and sincere positions of scientists, engineers, policy advocates, environmental activists, industry experts and the folks who work in or live around various sites of energy production. The result is an informed, evenhanded discussion of energy production and consumption on global, national, regional, local and personal levels. The book allows us to think beyond the flip of a switch to the real consequences of our energy use. 🌱

DON'T BE AN ACCIDENT ON THE HORIZON

MOST KAUAI DROWNINGS OCCUR AT UNGUARDED BEACHES



KNOW BEFORE YOU GO:

Kauai's 11 lifeguard towers are a beacon of information. Kauai's lifeguards perform hundreds of rescues annually. Kauai's lifeguards offer you advice on where to swim, snorkel, surf, or even place your umbrella.

Kauai's lifeguards perform over 160,00 preventative measures, and 250,000 personal contacts annually...

KauaiLifeguards.org

UNDERSTAND THE CONDITIONS KNOW YOUR LIMITS

WHEN IN DOUBT DO NOT GO OUT!

ENERGY EFFICIENCY QUIZ

Are you an energy efficiency whiz?

Test your knowledge by taking the quiz below.

Hint: Check your answers at the bottom of the page.

- 1. Taking a long bath saves more energy than taking a short shower.**
A) True B) False
- 2. LED bulbs typically use _____ less energy than incandescent light bulbs.**
A) 75% B) 50% C) 35%
- 3. Which of the following is an energy vampire? (Hint: Energy vampires consume energy even when they aren't being used.)**
A) Dishwasher B) Electric mixer C) TV
- 4. If you see this logo on a product, it has an excellent energy efficiency rating.**
A) ENERGY SMART B) ENERGY STAR C) ENERGY WISE
- 5. Turning off the tap water while brushing your teeth can save up to four gallons of water per minute.**
A) True B) False

ANSWER KEY

ANSWERS: 1. B 2. A 3. C 4. B 5. A



Kaua'i's Kids are



grow into healthy, caring and responsible individuals.

The Kaua'i Resilience Project has launched an education campaign to raise awareness of these resilience factors targeted to both adults and youth. Specifically, the Project wants to increase youth resilience and life skills and reduce youth suicide and suicide attempts.

“Our common goal is to build our young people’s ability to adapt to adversity and successfully navigate life’s challenges so they will lead enriched, fulfilled and purposeful lives,” said KPAA’s President Marion Paul. “We want to share the message that Kaua’i’s kids are all of our kids, and every one of us can contribute to this effort.”

Councilmember Mason Chock is the chair of the Kaua’i Resilience Project.

- **Last year, one in 11 Kaua’i teenagers attempted suicide. In response to this alarming statistic, an action committee was formed and the Kaua’i Resilience Project was born to provide solutions and hope for the community.**

children and that resilience is key in curbing suicide. Some of these factors include extracurricular activities, youth empowerment, and setting boundaries. Adult support, whether from family, a teacher, a neighbor, etc., is one of the most critical factors to help young people

The group was created under Keiki to Career Kaua’i, an initiative of Kaua’i Planning & Action Alliance (KPAA), with initial funding provided by Hawai’i Community Foundation. It consists of representatives from several sectors and many organizations from education to health, social services, and the faith community.

Experts in the field of mental health have established that there are 40 factors that build resilience in



Kaua’i Resilience Project working group

Resilience

Your Kids



With you, tomorrow is a new day. You can be a lifesaver, that one person who makes all the difference. Kaua'i's kids are your kids.

The Kaua'i Resilience Project

Adult support (family, friends, teachers, neighbors, etc.) is a proven factor that protects youth from despair. You can be a lifesaver.

"In the coming months, we will be planting positive seeds so that our youth and adult education campaigns will begin to resonate and take on a life of their own in the realms of social media, face-to-face interactions, family relationships, and day-to-day living," said Chock. "In a few years, we envision a healthier and happier, more resilient Kaua'i."

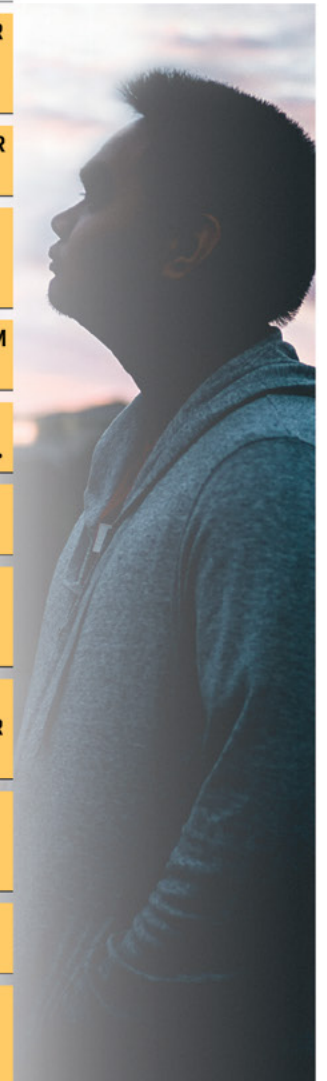
"Public education is the first step in working towards our goals," stated Darcie Yukimura, Hawai'i Community Foundation's Director of Community Philanthropy. "The Kaua'i Resilience Project is also creating an action plan to build more protective factors around our youth, such as increasing safe places for young people to gather and programs that teach resiliency. All of the many organizations and individuals involved will be putting countless hours of time and many resources toward this effort."

Kaua'i leaders at the highest levels are backing the effort.

Mayor Derek Kawakami is one of them and said, "I'm so thankful for this group of committed individuals who have built a campaign centered on love to provide practical ways that youth can increase their resiliency and adults can provide the support our young people need." ■

Here's how:

- REMEMBER WHAT IT WAS LIKE TO BE A TEENAGER AND WELCOME TEENS AS VALUABLE COMMUNITY MEMBERS.
- CHECK IN ON THE TEENS AND PRE-TEENS IN YOUR LIFE EVERY DAY IN PERSON OR THROUGH A TEXT.
- GIVE A TEEN OR PRE-TEEN A JOB WHERE THEY CAN DEMONSTRATE THEIR VALUE AND PRAISE THEM FOR WHAT THEY DO WELL.
- WHEN YOU SEE A YOUNG PERSON, SMILE AT THEM AND SAY "HI."
- IF YOU OBSERVE A TEEN OR PRE-TEEN WHO IS STRUGGLING OR SAD, OFFER TO LISTEN OR HELP.
- ASK YOUNG PEOPLE FOR ADVICE AND INVOLVE THEM IN DECISION MAKING.
- GIVE A TEEN OR PRE-TEEN A RANDOM ACT OF KINDNESS: A COMPLIMENT, A SWEET NOTE, OR A SMALL GIFT.
- INVITE A TEEN TO SHARE A MEAL, PLAY A BOARD GAME, OR GO TO CHURCH WITH YOU (WITH THEIR PARENT'S PERMISSION).
- OFFER ALTERNATIVES TO SOCIAL MEDIA AND SCREEN TIME, WHICH ARE KNOWN TO INCREASE ANXIETY IN YOUNG PEOPLE.
- PROTECT YOUNG PEOPLE FROM DANGERS, SUCH AS GUNS, MEDICATION OR UNSAFE AREAS.
- BE A GOOD MODEL AND REMEMBER THAT THE YOUTH IN YOUR LIFE ARE WATCHING WHAT YOU SAY AND DO.



For more information about and to find out how you can be part of The Kaua'i Resilience Project, visit www.kauaiskidsareyourkids.com.

Keiki to Career Kaua'i
Ready to Learn, Ready for Life

With Help Comes Hope:
Text ALOHA to 741741



instant pot recipes and side dishes

For all Instant Pot recipes, quick release, turn off, and flip the top.

garlicy shrimp with broccoli

2 pounds shrimp, shelled and deveined

3 bulbs garlic, peeled and chopped

1 head broccoli, cut into florets

½ stick butter

Salt and pepper to taste

In a large saucepan, melt butter on low heat. Add garlic and stir until garlic softens. Add shrimp and broccoli. Saute until the shrimp turns pink. Sprinkle with salt and pepper to taste.



turkey taco quinoa

1 tray ground turkey

2 packages taco seasoning

1 package frozen fiesta vegetables

1 can black beans

1 can corn

1 small onion, diced

4 cups chicken broth

2 cups quinoa

In Instant Pot saute mode, brown the ground turkey with taco seasoning and onion. When turkey meat becomes crumbly, add vegetables, black beans, corn, quinoa and chicken broth. Change setting to multigrain setting for 20 minutes. Serve with your favorite cheese and chips.

baked okra

1 bag frozen cut okra

1 tablespoon olive oil

½ teaspoon sea salt

Heat oven to 350 F. Toss frozen okra in olive oil and sprinkle with sea salt. Place on baking sheet and bake in oven for 30 minutes.





chicken laulau

- 2 bags laulau leaf, clean and chop stems
- 2 pounds chicken thighs
- 2 tablespoon Hawaiian salt
- 1 can chicken broth

Line bottom of Instant Pot with laulau leaf stems and leaves. Add a layer of chicken thighs and sprinkle with Hawaiian salt. Add another layer of laulau leaf, followed by chicken and Hawaiian salt. Top with laulau leaf. Pour can of chicken broth into pot and set on high pressure under poultry setting for about 30 minutes.

chicken couscous soup

- 1 pound chicken
- 1 medium onion, diced
- 4 carrots, chopped
- 6 stalks celery, chopped
- 1 piece of ginger about 4 inches long, peeled and sliced
- 4 cloves garlic, chopped
- 2 tablespoons Hawaiian salt
- 1 tablespoon pepper
- 1 teaspoon dried oregano
- 1 tablespoon dried thyme
- 1 tablespoon ground turmeric
- ½ pound pearly couscous
- 6 cups chicken broth
- 1 tablespoon butter

Set Instant Pot to saute. Add butter, chicken, garlic, ginger, oregano, thyme, turmeric, salt and pepper. Brown chicken in saute setting for about 5 minutes before adding the onion, celery and carrots. Saute for 5 minutes. Add chicken broth. Change setting to poultry setting for 15 minutes on high pressure. Remove chicken from pot to shred. Return chicken to pot and add couscous. Cover for an additional 10 minutes until couscous is cooked through.



lamb soup

- 2 pounds of lamb, cut into chunks
 - 1 small taro, cooked and cubed (can substitute potatoes if taro is not available; potatoes should be cubed raw)
 - 2 parsnips, sliced
 - 2 carrots, sliced
 - 1 butternut squash, cubed
 - 1 tablespoon Herbs de Provence
 - 1 tablespoon Hawaiian salt
 - 2 cloves garlic
 - 1 tablespoon olive oil
- Place Instant Pot in saute setting. Add lamb, olive oil, garlic, Herbs de Provence and Hawaiian salt. Brown lamb for 5 minutes. Add taro, parsnips, carrots, butternut squash and cover with water. Change to meat/stew setting on high pressure for 45 minutes.

Statement of Operations

For the period 01/01/2019 – 02/28/2019

We are pleased to report that the KIUC results of operations through February 28, 2019 are favorable. The year-to-date electricity usage on the island is 2% lower than in the prior year. Even with the decrease in sales volume, KIUC is still doing everything we can, while maintaining safety and reliability, to reduce costs in various areas in order to operate efficiently and effectively, and continue to maintain a strong financial position. Revenues, expenses, and net margins totaled \$24.4 million, \$21.7 million, and \$2.7 million, respectively, for the two-month period ending February 28, 2019.

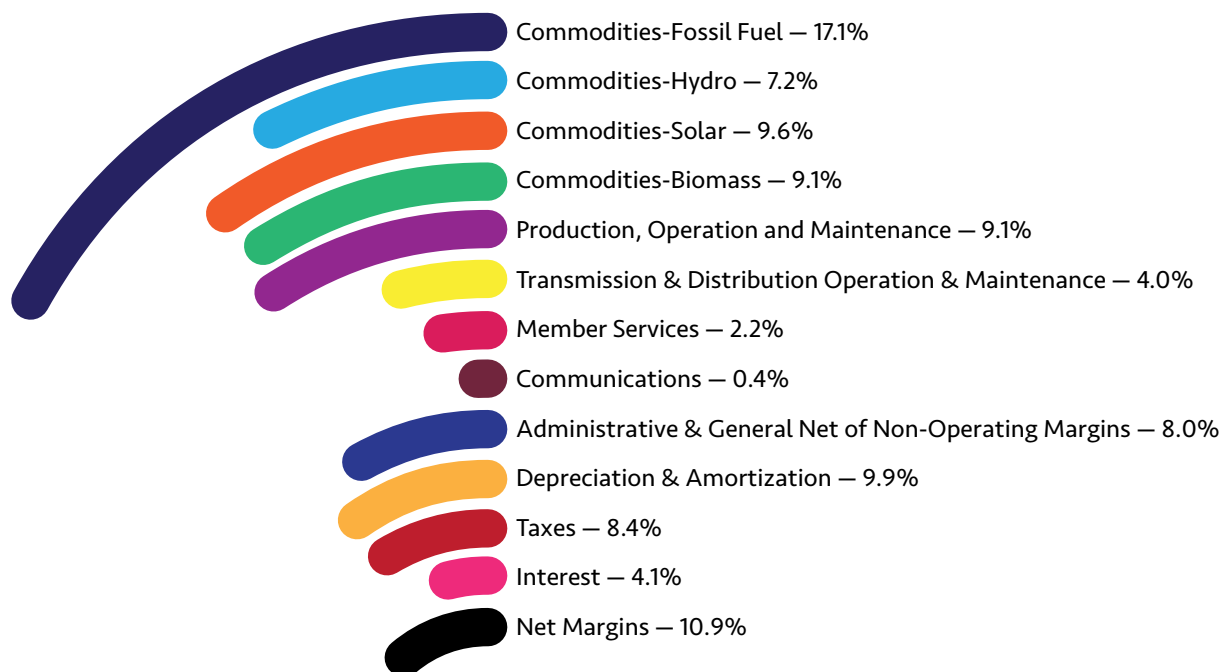
As is the case for all electric utilities, the cost of power generation is the largest expense, totaling \$12.7 million or 52.1% of revenues. Commodities, which are fuel and purchased power costs, are the largest component of power generation totaling \$10.5 million or 43.0% of revenues. Currently, fossil fuel is the largest component of commodities totaling \$4.2 million or 17.1% of revenues. Other commodities include hydro power totaling \$1.8 million or 7.2% of revenues, solar power totaling \$2.3 million or 9.6% of revenues, and biomass power totaling \$2.2 million or 9.1% of revenues. The remaining \$2.2 million or 9.1% of

revenues represents the cost of operating and maintaining the generating units.

The cost of operating and maintaining the electric lines totaled \$1.0 million or 4.0% of total revenues. The cost of servicing our members totaled \$0.5 million or 2.2% of revenues. The cost of keeping our members informed totaled \$0.1 million or 0.4% of revenues. Administrative and general costs, which include legislative and regulatory expenses, engineering, executive, human resources, safety and facilities, information services, financial and corporate services, and board of director expenses, totaled \$2.2 million or 8.9% of revenues.

Being very capital intensive, depreciation and amortization of the utility plant costs \$2.4 million or 9.9% of revenues. Although not subject to federal income taxes, state and local taxes amounted to \$2.0 million or 8.4% of revenues. Interest on long-term debt, at a very favorable sub-5% interest rate, totals \$1.0 million or 4.1% of revenues. Non-operating net margins added \$0.2 million to overall net margins. Revenues less total expenses equal margins of \$2.7 million or 10.9% of revenues. Margins are allocated to consumer members and paid when appropriate. 🌱

PERCENTAGE OF TOTAL REVENUE





When it Comes to Solar, Bigger Isn't Always Better

By Beth Tokioka

For members thinking about installing solar photovoltaic panels on their roof, the options can be confusing and daunting. How much will it cost? Will the investment pay off? Should I install battery storage along with PV? How much is too much?

In general, your solar contractor can assess your needs and guide you to the best decisions. It's important to evaluate factors such as your budget, your monthly energy use, and the condition and orientation of your roof, along with available tax incentives.

There are also considerations beyond the individual household that come into play.

KIUC operates on more than 50 percent renewable resources, most of which is solar. With more than 4,000 rooftop systems in place, along with several utility-scale solar facilities, there is much more solar capacity available to KIUC than can be used at any one time.

KIUC's grid has among the highest level of installed solar—both utility scale and residential/commercial—in the nation. Increasingly, this means installing excess solar to your home or business may result in the need to curtail other existing solar or renewable resources somewhere else.

"One of the most critical considerations is to determine how to 'right size' your system so that you can meet your household needs without exporting to the grid," says KIUC's Chief of Operations Mike Yamane.

Mike says some customers are tempted to oversize their system, but notes this is a risky strategy that might not pay off.

"Our interconnection agreement requires you to install a curtailment device for an oversized system," he says.

This means if available solar energy exceeds demand for electricity on the grid, your rooftop system could be temporarily deactivated until the

curtailment period is over. Curtailment periods can last several hours, especially on cool and sunny weekend afternoons when solar power generation is at its peak and electricity consumption is low.

In the near term, curtailment of oversized systems will likely increase. KIUC may at some point ask the Public Utilities Commission to change our retail rate structure to encourage daytime use or implement operational changes that could impact solar purchasing economics.

"Solar is an incredible resource for us, and we want to maximize its use to the greatest extent possible," says KIUC President and Chief Executive Officer David Bissell. "At the same time, we have to recognize there's a finite amount of space on an island grid, and not everyone has the ability or means to utilize rooftop systems. KIUC is committed to managing solar integration in a way that's fair and cost effective for all of our members." 🌞

March 2019
Volume 16, Number 1

David Bissell
President and CEO

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Vice Chairman: Jan TenBruggencate
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March for Babies
is a day for everyone.

Together we hope,
remember, and
celebrate at our walk
sites nationwide.

We hope for the day
when all moms and
babies are healthy.

We remember those
babies we lost.

We celebrate
every baby.

April 13, 2019

Lydgate Park – Main Pavilion
Registration at 6:45 a.m. — Walk at 8 a.m.

Walkers will enjoy about a 1-mile walk around Lydgate Park ending in fun activities for the whole family including games, prizes, food, and lots of fun.

Help us help Kaua'i babies.



Juno Apalla, March for Babies 2019 Coordinator
JApalla@marchofdimes.org • 1-800-272-5240 • 808-634-5840