

Kaua'i Island Utility Cooperative

# Currents

Feeding Kaua'i  
During COVID-19



**Inside:**  
*KIUC Hits 56% Renewable  
Youth Tour COVID Diaries*



# Aloha Island Team



## KAREN L. AGUDONG, REALTOR(B)

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**IN ESCROW**

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Beth Tokioka

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**ON THE COVER**

*Puhi Park Produce vendor Usa Meephol prepares fresh products for sale on a recent Saturday morning. Photo by Beth Tokioka.*

## Save postage, get your *Currents* online

*Currents* is mailed quarterly to members of Kaua'i Island Utility Cooperative. This issue and back issues also are available online at [www.kiuc.coop](http://www.kiuc.coop).

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

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



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KIUC is an equal opportunity provider and employer.

# Chairman's Message

**By Allan A. Smith**

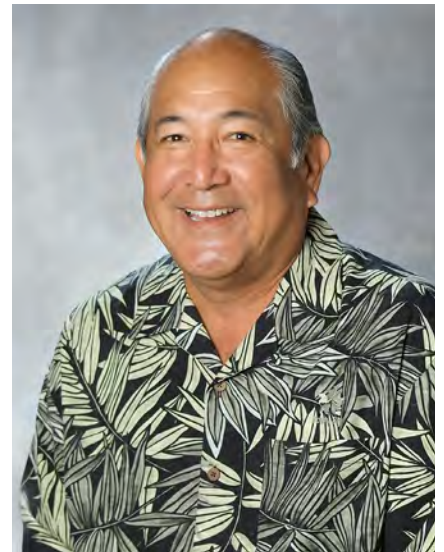
A special message for employees of KIUC: Aloha!

We are proud to have you as part of KIUC's work 'ohana. We hope you keep up the great work for many more years to come.

We appreciate your participation in helping KIUC achieve so many milestones and growing our company to what it has become today. We know you have worked very hard and we truly admire your dedication. We look up to you for your creative outside-the-box thinking, resourcefulness and willingness to always help others. We want to do the same for you.

Loyal and dedicated employees like you are the foundation to any successful company. Throughout this time, it is important to support each other and the members we serve. Although "thank you" does not seem like nearly enough, we are sincerely appreciative of your contribution to our continued success.

On behalf of the KIUC Board of Directors, I say, "Mahalo nui loa." 🌺



## Board Actions

***Below is a summary of some of the actions taken by the KIUC Board of Directors in March and April 2020.***

### **April 30, 2020 Board Meeting**

Motion carried, 2019 final audit report.

Motion carried, Resolution 02-20, 2019 patronage capital retirement of \$1,240,556.

Motion carried, Cooperative Finance Corporation 9014 load modification.

Motion carried, donation of retired KIUC truck to Kaua'i Endangered Seabird Recovery Project.

### **March 24, 2020 Annual Meeting of the Board**

Motion carried, nomination and confirmation of board officers: chair, Allan Smith; vice chair, Jan TenBruggencate; secretary, Cal Murashige; first assistant secretary, Phil Tacbian; second assistant secretary, Dee Crowell; third assistant secretary, David Iha; treasurer, Peter Yukimura; first assistant treasurer, Jim Mayfield; second assistant treasurer, Janet Kass.

Motion carried, confirmation of board committee chairs and members.

### **March 24, 2020 Board Meeting**

Motion carried, Board Policy No. 21, financial fraud detection and deterrence; reviewed, approved with minor changes.

Motion carried, Board Policy No. 31, safety policy, reviewed, no substantive changes.

Motion carried, Resolution 01-20, COVID-19.

Motion carried, donation of retired KIUC truck to underline monitoring program.

# SAVE THE DATE

## KIUC Annual Meeting

# GLASS MORE THAN HALF FULL



## Watch Our Live Webinar

July 22, 2020  
5 p.m.

For more information, visit [kiuc.coop](http://kiuc.coop)



## Stay Strong Kaua'i! We will get through this together.

In the most trying of times, it is truly our strong community bonds that get us through. Relationships with others, compassion, and caring are keeping Kauai and her residents safe and will be the key to creating resilience and recovery. With so much uncertainty and many families struggling, our young people need us during this crisis more than ever to feel safe and supported, and to help them build their resilience. Every child needs at least one strong relationship with a trusted adult to help guide them through this storm and come out of it stronger and more resilient.

**Kauai's kids are your kids.** Remember that one person who took the time to listen – really listen to you? You can be that lifesaver for a young person, that one person who makes all the difference. Supporting Kauai's young people can be as simple as listening and asking if they are OK.

For more of our list of 10 Tips to Build Youth Resilience, visit the Kauai Resilience Project at <https://keikitocareer.org/call-to-action/kauai-resilience/kauais-kids-are-your-kids/> And follow us on Facebook @keikitocareer

If you or a loved one is struggling and need to talk to someone, you are not alone.

The Crisis Line is available to help, 24/7 by phone or text.

Call 1-800-753-6879 or Text ALOHA to 741741.



**THE Kaua'i  
Resilience  
Project**

The Kaua'i Resilience Project is a partnership of 30 organizations and businesses that are working together to build youth resilience and to combat youth suicide. For more tips on helping kids thrive, visit [www.kauaiskidsareyourkids.org](http://www.kauaiskidsareyourkids.org).

Keiki to Career and the Kauai Resilience Project would like to extend our heartfelt gratitude to our essential workers and healthcare providers for keeping us healthy and safe.

# Interesting Times

By Dee Crowell, Chair of the Member Services Committee

**There is an ancient saying that goes something like, “May you live in interesting times.”**

Just a few months ago, when running for reelection to the KIUC Board of Directors, I wrote a candidate’s statement that mentioned my three R’s: renewables, reliability and resilience. That seems like a lifetime ago and, in light of recent events, the meaning for me has changed a bit. Now, because of COVID-19, our times have become very “interesting.”

Renewable power generation involves technologies and systems that are rapidly evolving. If you blink, you’ll miss something. Between utility scale storage needs and electric vehicle demand, there are many battery storage options that will emerge in the next few years that we, as regular people, have never even thought of. KIUC is still working on renewable projects that will help Kaua’i move toward self-sustainability. In the energy-generation world, our future looks bright.

Back in January, BC (before COVID-19), reliability meant minimizing outages. Resilience meant minimizing the impact of disasters such as tsunamis, hurricanes and terrorism. KIUC was doing this by building stronger facilities and siting them to minimize crippling damage and allow quick recovery.

Now reliability has taken on the added meaning of making sure our staff is staying healthy to be able to provide power and serve our members. Resilience now also means the ability to withstand the impact of a pandemic and bounce back from peoples’ actions—or non-actions—that impact us. Our world has changed in ways we have yet to

understand because we are still in the middle of this pandemic.

Kaua’i has been fortunate to avoid the direct catastrophic impact of the virus—so far. Our state and local governments have provided the kind of leadership we need to navigate through this mess. But we on Kaua’i have taken a direct hit economically, with visitor industry and related business shutdowns. We have massive unemployment. KIUC feels the impact of lower electricity use and lower revenue. But we still have to keep the lights on.

KIUC’s CEO David Bissell, his staff, and your board of directors have been working hard to adjust operations to keep staff safe yet fully functional. Office personnel and line crews must observe social distancing while doing some jobs that, in the past, required close contact with others.

Reliability means more than investing in technology and equipment that will allow stable power delivery. It means having dedicated, smart people to manage the systems and maintain the equipment that keeps delivering electricity to you. Staff has reacted quickly to operate in the new paradigm.

Resilience now means our staff will respond to emergency situations while staying safe from infection.

To provide reliable and resilient service to you, and to provide it during stressful times, we ask for your assistance and cooperation. Keeping everyone safe and healthy must be the highest priority.



We know people and families are struggling to make ends meet, so we have temporarily suspended disconnections to relieve a little of the stress of our new reality.

I would also like to put in a plug for the KIUC Charitable Foundation. In March, the foundation granted \$20,000 to Kaua’i Economic Opportunity to help families in need to pay their electric bills. The money comes from the unclaimed patronage capital refunds and from the federal Low Income Home Energy Assistance Program (LIHEAP)

This pandemic will take a while to run its course. We will get through this together. Let’s be smart, especially when businesses start up again and visitors start coming back to our island.

Be smart. Be reliable. Be resilient. Keep staying safe. 🌿

# Charitable Foundation in Action

By **Shelley Paik**

In March, the KIUC Charitable Foundation donated \$20,000 to Kaua'i Economic Opportunity to help those impacted by the COVID-19 pandemic with their electric bills.

"Our KIUC Charitable Foundation board wanted to help those in our community who are experiencing financial hardships due to the coronavirus," said Foundation President Teofilo Phil Tacbian.

Affected Kaua'i residents should call KEO at 245-4077 ext. 242 or email intake@keoinc.org to apply.

The KIUC Charitable Foundation has funded an emergency electric assistance program administered by KEO since 2008. The foundation has released more than \$140,000 and helped more than 600 families who needed assistance with their electric bills.

Other foundation applicants awarded this year included:

- ❖ Hui O Mana Ka Pu'uwai Canoe Club: helped replace a canoe damaged in the April 2018 floods.
- ❖ 'Ohana Readers Program: benefiting the Kekaha and Waimea community.
- ❖ University of Hawai'i Foundation: scholarships for KCC students.

## Makana Program

A new way the foundation is receiving funding is through the Makana program. Makana is voluntary and allows



participating cooperative members to contribute to the foundation. Options for participating in Makana include:

- ❖ Rounding up your electric bill to the next-highest dollar amount.
- ❖ Rounding up your electric bill and adding an additional amount each month.
- ❖ Making a one-time contribution.

The rounded amount is shown on your monthly electric bill. It's easy to enroll: Sign into your SmartHub account or complete an enrollment form and return it to the KIUC office. Enrollment forms are available on the KIUC website under the "Community" tab.

As of April 2020, 85 members have signed up and contributed \$181 to the foundation. Please help our community and enroll in Makana! 🌱

# Kaua'i Shines in 2019

By **Beth Tokioka**

## The glass is now officially more than half full.

Kaua'i Island Utility Cooperative achieved 56% renewable energy production for 2019, well ahead of its strategic goals and the state of Hawai'i's mandated renewable benchmarks. The information was filed with the Hawai'i Public Utilities Commission in KIUC's Renewable Portfolio Standard Annual Report.

"The AES Lawa'i facility made a huge difference last year, helping to push us over the halfway mark to becoming 100% renewable," said KIUC President and CEO David Bissell.

The achievement puts Kaua'i ahead of all other counties in renewable production and far exceeds state mandates that require 30% renewable by 2020 and 40% renewable by 2030. KIUC has also exceeded its own strategic goal set in 2008 to reach 50% by 2023.

Kaua'i's power generation mix for 2019 included 35% solar, 11% hydro and 10% biomass. Rooftop solar from residential

and commercial members accounted for more than one-third of the solar generation.

Renewable milestones continue in 2020, with KIUC routinely running the grid on 100% renewable energy during daytime hours. This year, the cooperative has logged nearly 600 hours at 100% renewable energy: averaging five hours per day on five out of every seven days.

KIUC's renewable capabilities will be boosted when the AES PMRF solar-plus-storage project, with 14 megawatts of solar coupled with five-hour duration storage, is online later this year.

"For the first time, KIUC is leading the state in renewable production," Bissell said. "Our member-owners should take pride in this accomplishment, made possible by their collective commitment to moving aggressively forward on reducing our carbon footprint." 🌱

# #PowerOn: KIUC Meets the COVID Challenge

By Beth Tokioka



## Staying Connected

"It was really difficult."

That was the sentiment among KIUC's Member Services department when it was announced that, due to concerns about the spread of COVID-19 on Kaua'i, KIUC would close to walk-in customer traffic as of Monday, March 16.

"I remember the last customer I interacted with face-to-face," said Melanie Cierras, who has worked in KIUC's Member Services department for more than a decade. "It was a big deal. The walk-in customers are like family. We know them, we see them every month. We all miss them."

"Our team really enjoys the personal interaction, and there was a general disappointment, but also a thankfulness that we were prioritizing the health of our employees and our members above all else," said Member Services Manager Maile Alfiler.

Her staff quickly adjusted to managing the bulk of inquiries via phone.

Fortunately, KIUC offers numerous alternate ways for members to make payments: through the SmartHub online or mobile service, through KIUC's website, or via a kiosk and drop box available outside the Hana Kukui Building in Līhu'e.

"Members reacted really well, and we appreciate their patience as they adjusted to new processes," Maile said.

She noted SmartHub registrations have increased 30% since March 16, while use of the kiosk has tripled. Phone call volume is up 44% compared to April 2019.

"We're always here for our members and encourage them to reach out to us anytime they have a question or concern," Maile said.

Members may call 246-4300 Monday through Friday from 8 a.m. to 4 p.m. Members may also email questions to [info@kiuc.coop](mailto:info@kiuc.coop).

## Teleworking with Aloha

As of March 16, many KIUC employees were being transitioned to teleworking from home so proper social distancing could be maintained to keep the workforce safe and healthy. In a short time, nearly half of KIUC's 138 employees were transitioned with help from the company's six-person IT department.

"It took us about a week to equip teleworking employees with all the tools, access and training required for them to be productive outside of the office," said KIUC Manager of Information Technology Steve Tangalin.

There was an upside to the rapid transition, according to Steve.

"Our IT team spent a lot of one-on-one time with people that we didn't really get to do in the office," he said. "We're getting to know people in a way that we would've missed out on otherwise, and that's pretty cool."

Critical to the telework transition was increased use of tools such as Microsoft Teams and AppSuite. KIUC was well-positioned for the change. During the past few years, there have been many improvements to several IT pillars, specifically in networking, security and core applications.

"Technology helps us stay productive and connected even while we're separated," Steve said.





## Powering Ahead

Providing our members with safe and reliable power is KIUC's core mission. Maintaining proper social distancing for KIUC employees during the past three months has meant prioritizing critical work that could be safely completed while minimizing noncritical functions that require face-to-face interaction. Transmission and distribution crews have focused on responding to outages, completing equipment replacement and repairs and preparing for storm season. Power supply personnel have focused on keeping power plants and other generation sources in top working order.

"One of the really bright spots of 2020 is the way we're managing and maximizing our renewable generation sources," said KIUC Executive Manager of Operations Brad Rockwell.

Brad estimated so far this year KIUC has averaged 55% renewable production. He said Kaua'i is now powered almost daily by 100% renewables for five hours or more.

"If the sun is shining, there's a good chance we're running 100% renewable," Brad said.

He noted however, that with abundant solar supply and lower daytime demand due to COVID-19, there's more solar available than the cooperative can use.

"Some customers who have oversized rooftop systems have been experiencing curtailment more often than usual," he said.

Members who wish to take full advantage of rooftop solar opportunities are advised to carefully review interconnection agreements and recommendations available on KIUC's website.

"We're happy to assist you in making the best decisions when it comes to rooftop solar," Brad said.

## Buying Local

"Keeping our various work sites stocked with adequate personal protective equipment and cleaning supplies was a huge challenge in the beginning," said Carey Koide, executive manager of safety and technical services.

Face masks, disinfectants and hand sanitizers were in high demand and short supply. Even though KIUC is a critical infrastructure provider, finding a reliable supply chain was challenging.

"We absolutely have to keep our power plant personnel, line crews and other critical personnel healthy and on the job," Carey said. "Keeping the lights on for Kaua'i depends on it."

Luckily, some resourceful local businesses stepped in to meet the need. Safety Resource Coordinator Tracie Shimatsu tracked down Hanalei Spirits, a north shore-based craft distillery offering a steady supply of hand sanitizers.

"We were so relieved when they delivered dozens of travel and refill sizes of their product to us on April 1," Tracie said.

Masks have also been hard to come by. While roughly half of KIUC's employees were working from home, other employees were still needed to run power plants, transmission and distribution service facilities and complete field work.

"They all were doing a great job observing social distancing, but we knew early on that masks were essential as an added layer of protection," Carey said.

A popular local crafting company, Mailelani's, stepped in to provide KIUC with enough custom masks to equip all employees.

"It felt good to be able to protect our workers and source what we needed from local companies to the greatest degree possible," Carey said.

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## Keeping Renewable Projects on Track

KIUC hit a major milestone in 2019 by leading the state with 56% renewable energy production. Replacing diesel with renewables is not only good for the environment. It also saves members money.

"In 2019, the use of large-scale renewables with favorable purchase power agreements saved members more than \$3.8 million," said KIUC President and CEO David Bissell.

Much of that savings came from two utility-scale solar-plus-storage facilities: Tesla and AES Lāwa'i, which collectively displaced roughly 5 million gallons of fossil fuel.

With another large solar-plus-storage project scheduled to open this year, it was imperative that construction work continue.

"We need to complete a new substation that'll feed power from the AES project at the Pacific Missile Range Facility into the grid," David said.

He credits his power supply and engineering teams for working through initial COVID-related challenges, such as securing authorization for contractor travel, coordinating safe movement of supplies and developing new site safety protocols.

"Thankfully, we were able to find solutions to all of these challenges quickly and we're on track to open the AES PMRF facility in the fall," David said.

Now in his 12th year as president, David said the COVID-19 pandemic has been perhaps his greatest challenge. At the same time, he says he has never been prouder of KIUC's employees, board of directors and the cooperative membership.

"This pandemic came down on us so quickly with little time to react," David said. "It takes a huge level of collaboration, commitment, communication and trust to successfully address a crisis of this magnitude. Everyone has done their part to meet this extraordinary challenge." 🌟

## Q&A with Hanalei Spirits

Since 2017, Hanalei Spirits has supplied happy customers with a diverse line of high-quality craft spirits distilled on the north shore of Kaua'i. In March, COVID-19 presented an opportunity for the family-owned company to fulfill an urgent community need by shifting production to a line of hand sanitizers. We talked to owners Grant and Vindi Wells about the experience.



### **Q: Is this the first time you've manufactured sanitizer products?**

**A:** This is our first experience using our facility to manufacture hand sanitizer instead of spirits. Distillers around the nation realized they had the ability to produce hand sanitizer, and petitioned the Food and Drug Administration and the Alcohol and Tobacco Tax and

Trade Bureau to allow them to do it. We jumped to action once we were given the legal approval and guidelines because, like everyone else, we felt like we had a responsibility to help our community.

### **Q: How difficult was it to start producing sanitizer on short notice?**

**A:** The most difficult aspect was getting our hands on bottles and compatible spray caps. Also, trying to get enough hydrogen peroxide, since stores would only allow you to buy one bottle per household due to concerns about hoarding. We were familiar with the rest of the process from our experience making and distributing spirits.

### **Q: How are your sales of sanitizer trending?**

**A:** Both sales and requests for donation are fluctuating highly with the rules and guidelines set forth by the state. For example, when construction was allowed to resume on a limited basis, we received a lot of requests so

employers could keep their employees safe. As the state begins to rescind the rules, we expect sales and donation requests to increase. We expect restaurants and other service-oriented businesses to use hand sanitizer to keep their employees and patrons safe. It may become common to see a bottle of hand sanitizer on every table.

### **Q: What struggles is your business experiencing due to COVID-19?**

**A:** Our liquor sales have dropped off significantly without tourism. Restaurants and bars were the largest consumers of our products. As a new, growing family-owned small business here on Kaua'i, we are working diligently to stay true to our core values. This is not just our hardship. It is felt by everyone, even the local farmers we get produce from. Small steps like buying local can help rebuild our economy, keep our garden island unique and ensure a sustainable island home.



# KIUC Energy Services Wise Guys

By Debra Santiago, Energy Services Supervisor

Meet our Energy Services Wise Guys, Makani Taniguchi, above right, and Kyle Cremer. Makani is our Residential Energy Services Specialist who spearheads our Home Assessment Learning Experience (HALE) Program and assists our residential members with energy efficient incentive programs. Kyle is our Commercial Energy Services Specialist who works on our commercial incentive programs to help businesses on Kaua'i.

KIUC is committed to helping our members become more energy efficient by educating them to reduce their electrical consumption, use energy wisely, understand their personal energy usage behaviors, and identify appliances and equipment that are energy guzzlers, so our members may optimize their use and operations. Our team is available to answer questions or assist our members to see if they qualify for any of our incentive programs that KIUC has to offer.

Here are some Basic Energy Savings Tips that you can do at home or at your business:

### **Lighting:**

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

### **Washers:**

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

### **Dryers/Steamers:**

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

### **Refrigeration (Refrigerators/Freezers):**

- ❖ Check gaskets that they are properly sealing & cold air is not leaking out
- ❖ Clean coils
- ❖ Keep freezers full
- ❖ If replacing, look for energy star rating on new appliances

### **Water Heating/Boilers:**

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

### **Computers/Printers/Electronics:**

- ❖ Connect to some type of surge protection or UPS to protect sensitive equipment
- ❖ Turn off when not in use

### **Air Conditioning:**

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

Find more energy saving tips at: [www.kiuc.coop/member-services](http://www.kiuc.coop/member-services) or <https://www.touchstoneenergy.com/energy-solutions>  
If you have questions about energy savings tips or would like to participate in one of our incentive programs, please contact our Energy Services Team at 246.4300. ☻

# Congrat Class of



**Sage Cierras**  
Kaua'i High School  
Parents *Shanning and  
Melanie Cierras*



**Taylor Cox**  
Kamehameha Schools  
Parents *John and  
Maile Cox*



**Trey Delos Reyes**  
University of Hawai'i  
B.A. Theatre  
Parents *Paul and  
Imelda Delos Reyes*

## 2019 Youth Tour Delegates



**Katie Cook**  
Island School



**Tia Fulks**  
Kaua'i High School



**Kasiah Vercelli**  
Kapa'a High School



**Kallen Wachi**  
Waimea High School

# Graduations of 2020



**Chyna Fernandez**  
Waimea High School  
*Parents Ira and Sharon Fernandez*



**Kaitlyn Garcia**  
Waimea High School  
*Parents Bart and Cindy Garcia*



**Kelli Kilinoe Garcia**  
Webster University  
B.A. International Relations  
*Parents Jeffrey and Rhonda Garcia*



**Coleman Jonas**  
DigiPen Institute of Technology  
B.S. Computer Science in Real-Time Interactive Simulation  
*Parents Paul and Karissa Jonas*



**Kody Panui**  
Oregon State University  
B.S. Mechanical Engineering  
*Parents John and Maile Cox*



**Gheymee Perreira**  
Waimea High School  
*Parents Greg and Kelly Perreira*



**Kyra Robley**  
Kaua'i High School  
*Parents Tommie Joe and Melissa Refamonte*

# Kaua'i Feeding Kaua'i

By Beth Tokioka



*Wes Perreira, Director of Hawai'i Foodbank – Kaua'i Branch, right, prepares bags for distribution with longtime HFB volunteer, the late Russell Haluapo.*

## ***Kupuna Care with Farmer Fare***

It was a painful decision. For only the third time in nearly 40 years, the County of Kaua'i's Sunshine Markets were shutting down.

"COVID-19 left us no choice," said Nalani Brun, director of the County's Office of Economic Development. "The Sunshine Markets are wonderful, bustling venues with more than 100 farmers selling fresh fruit and produce to thousands of patrons every week. Trying to manage social distancing and ensure the health and safety of the public during this pandemic simply wasn't possible."

At the same time, OED had been in discussions with Agency on Elderly Affairs about their challenges providing food for Kupuna who were house-bound.

"Two conversations led to one, and Kupuna Kare with Farmer Fare was born," Nalani said.

The vision was to buy fresh produce from local farmers to be delivered to seniors age 70 and older every other week.

After receiving the blessing from Mayor Derek Kawakami and armed with funds from the county's COVID-19 emergency allocation, OED placed orders with farmers while AEA began reaching out to their Kupuna network.

"We were expecting to enroll 500 seniors in the program," Nalani said. "To our surprise, the initial intake was more than double that."

Next was the logistical challenge of getting the food into the hands of Kupuna. For that, OED enlisted the aid of two agencies that had partnered before to meet a critical need following a disaster.

"Luckily, we had a great working relationship with Malama Kaua'i from our coordinated response to the April 2018 flooding event," said Wes Perreira, director of Hawai'i Foodbank Kaua'i Branch.

Malama Kaua'i mapped out the delivery network based on the seniors enrolled in the program, while HFB mobilized more than 50 volunteers to get the food into the hands of Kupuna.

"Imagine those in this age group: our most vulnerable population and many of them are alone, isolated and can't fully care for themselves even during normal circumstances," Wes said. "Now they're in quarantine. If they don't have a family support system—and many don't—they don't have the means of acquiring food. Providing home delivery of nutritious, locally grown food with no contact is critical to their well-being."

If customer satisfaction is a good measurement, Kupuna Kare with Farmer Fare is an unqualified success.

"Since we can't leave home to do our own shopping, it's so convenient to have it delivered," explained Kalāheo resident Dolores Barreira, who enjoys the fresh produce with her husband, Ernest. "It also helps financially that we don't have to buy our vegetables."

The variety of products keeps Dolores busy in the kitchen.

"I made the bok choy into a soup with chicken and long rice, and the cabbage was wonderful for stir-fry, so it lasts for more than one meal," she said. "We share with other family members to make sure none of the food goes to waste."

Mark Jones is a Sunshine Market vendor who worked with OED to develop the program. He supplies produce such as green beans, squash and okra from his Lihū'e farm to Kupuna Kare.

"I think this is just the beginning," Mark said. "People now have time to reflect on and appreciate the fresh and healthy food that's available from local farmers."

Thanks to additional funding, the Kupuna Kare with Farmer Fare program will continue under the direction of Therilyn Martin-Haumea and Marty Amaro of the Office of Economic Development.

## **Puhi Park Produce**

Take a drive to Grove Farm's Puhi Park on a Saturday morning and you'll see colorful pop-up tents dotting the 5-acre expanse—a wide array of vegetables, fruits and specialty food products offered by local farmers on glorious display.

"These growers faced a real financial crisis when the farmers markets started to close due to COVID-19," said Nikki Ige, project manager for Grove Farm. "Warren Haruki, our president and CEO, tasked our team to figure out a way to



*A vendor displays her wares at Puhi Park Produce.*

help. After talking with our agricultural tenants, we decided to create a social-distancing farmers market."

Puhi Park was chosen because of its size and central location. Grove Farm offered the venue free for vendors.

Puhi Park Produce opened April 11 with 20 vendors. Within two weeks, the number had doubled. The market is open Saturdays from 10 a.m. to 1 p.m.

Grove Farm acted quickly, but it wasn't easy.

"When the market started, the Department of Health was not issuing special-event permits, so we had to be very specific with what we allowed vendors to sell," Nikki said.

DOH consultation was necessary, and social distancing was addressed with a plan to position tents about 50 feet apart.

"We have a set of rules, and all of the vendors understand the importance of safety," Nikki said. "Everyone is vigilant in doing their part."

The Puhi market has saved Sakda Meephol and his wife, Usa, from eventual financial ruin.

"We don't know what we would have done," Sakda said. "All of our income comes from our farm. If we can't sell our produce, we can't pay our bills. Even worse, all that food would have gone to waste. It won't last long once it's ready to harvest."

"Farmers, fishermen and ranchers are the backbone of our local food sources, so supporting them is vital to moving toward sustainability," said Nikki, noting Grove Farm's mission is, "Building a Sustainable Kaua'i." The company leases land to more than 100 farmers and ranchers on Kaua'i.

"Our hope is the community recognizes the benefits of eating locally grown/produced food and continues to support these people going forward," she said.

For information regarding Puhi Park Produce, contact Nikki Ige at [nige@grovefarm.com](mailto:nige@grovefarm.com). 🌱

# 2019 Patronage Capital Credit

*By Peter Yukimura, Chair, Finance and Audit Committee, KIUC Board of Directors*



Like communities all across our nation, Kaua'i has felt significant impacts from the COVID-19 pandemic. Our economy depends a great deal on the tourism industry. With visitor arrivals reduced to almost zero, a large number of Kaua'i's businesses and their employees are experiencing financial distress and uncertainty.

It is a situation that once again reminds us how fortunate we are that Kaua'i's electricity is supplied by an electric cooperative owned by the people it serves.

KIUC is a not-for-profit entity. In our 19 years of operation on Kaua'i, KIUC has built its equity from zero to 33%, we have reduced by more than 50% our dependence on diesel, and we've stabilized rates via long-term power purchase agreements with renewable energy partners.

One of the benefits we enjoy as KIUC member-owners is through capital credit allocations. Capital credits come from the money a cooperative has left over after paying all of its expenses in a given year. In an investor-owned utility company, these would be profits disbursed to its shareholders. That's not so with KIUC.

At the end of the year, the left over money, or "margins," is credited back to KIUC's members in the form of patronage capital credits. The amount of money each member is credited is in proportion to the amount paid for energy used.

When capital credits are healthy and KIUC's finances permit, the cooperative returns a portion of that money to its member-owners in the form of patronage capital retirements.

On behalf of your board of directors, I am pleased to report that 2019 was a strong financial year for KIUC. Due to a number of factors, including savings on operations and maintenance, successful refinancing of debt and replacing fossil fuel generation with renewables, we have returned more than \$1.2 million to our members in the form of patronage capital during May in the form of a bill credit.

It bears repeating that we understand these are challenging times. Our Member Services team is ready to assist if you have any concerns about your account. Please call us at 246-4300 if we can help.

Mahalo! 🌺



## The Chamber of Commerce is Working Hard for You!

The Chamber has been diligent in providing the most up-to-date information and access to resources related to COVID-19. Some of the steps we have taken to help you weather this current economic storm include:

1. We created a new webpage, [www.COVID19Kauai.com](http://www.COVID19Kauai.com), to provide resources and information on COVID-19 for businesses, employees, and individuals. On the site you can access government information and resources, our business impact survey, and the Food Provider Map.
2. We hosted an Online Town Hall meeting, which featured public health experts, government leaders, employment law, and IT professionals. You can find a closed caption archive of the meeting on the Chamber's Facebook Page.
3. We are sending news alerts with hot-off-the-press announcements regarding government funding opportunities and changes in employment law.
4. We are helping our community by taking a leadership role with the County's recently announced Kaua'i Economic Recovery Strategy Team, which aims to revitalize the Kaua'i economy as soon as it is safe to do so.
5. The Chamber represents our Kaua'i business community at the State of Hawai'i House Select Committee on COVID-19 Economic and Financial Preparedness that meets each Monday. This committee is tasked with identifying economic and financial impact to the State, developing short-term and long-term mitigation plans and monitoring COVID-19 conditions and outcomes.
6. We have partnered with the Chamber of Commerce Hawai'i and other neighbor island chambers on a series of webinars, where we feature experts who share the latest news and information on COVID-19 resources for business.
7. We launched the weekly Member Connect Webinars featuring relevant topics to your business.
8. We are strenuously advocating for small business relief with local, state, and federal government officials.
9. Most importantly, we are here to answer any questions you have about your business, new COVID-19 related laws and funding opportunities, and any unique challenges you face today.

### About the Chamber

Founded in 1913, the Kaua'i Chamber champions economic prosperity by being the voice of business, promoting collaboration, and helping our members thrive. We envision a vibrant and resilient network of businesses that focus their collective power and unique strengths to make Kaua'i a better place to live and work. We represent over 450 active members who employ thousands of professional men and women across the island who give freely of their time and talent to make Kaua'i a better place for all!

Learn more by visiting [www.kauaichamber.org](http://www.kauaichamber.org) or follow us on Facebook.



Mark Perriello  
President/CEO



Carol Texeira  
Executive Vice President/COO



Anna Baudouin  
Membership Coordinator

# COVID Heroes

As our community adjusted to social distancing, some of our local businesses had to adapt. Here are some who have made adjustments during this pandemic to serve our community.

Restaurants and eateries have been providing take out and curbside service:



Carla Dusenberry  
Eat-n-Git



Crystall Tabura,  
Skyler Workman,  
Robert "Bobby" James  
Da Kine Foods



Robbie Kubota  
Pono Market



Darron White  
North Shore  
General Store



Faun Lewis  
Al Pastor Tacos



Pono Kamibayashi,  
Cathy Belarmino,  
Sachiko Ikehara  
Waipouli Restaurant



Hoku Char-Taala  
and Sala Taala  
Hoku's



Mark's Place



Dani's Restaurant  
Has been providing a free  
kupuna breakfast.



Mike Pemberton,  
Fantasy Shirts

In addition to his usual screen printing, has been printing material for custom masks.



Kūpaoa

Nā Hōkū Hanohano  
Award-winning musical duo produced a new digital album named Social Distancing during the COVID-19 pandemic and provided free downloads of the new album on their site.  
<https://kupaoa.myshopify.com>



Agnes Marti Kini  
"Aunty Aggie"

of the  
Kalalea Anahola  
Farmer's Hui  
Provides produce for  
Kupuna in the community.



Maile Bloxson  
Vicky's Fabrics  
Provided mask-making  
supplies.



Yoshito L'Hote, 'Aina Ho'okupu O Kilauea  
(Kilauea Community Agricultural Park)

Supports the community and kupuna with a drive-thru system where people can order produce boxes online and drive thru to pick up their boxes through the Farmers Market Box Program. If you haven't pre-ordered, you can also go to Kilauea Ag Park and buy the boxes on-site, never leaving your vehicle. Different boxes, filled with locally grown fruits and vegetables are available. Yoshito hopes that other communities will adopt a similar approach. He believes aggregation is a win-win for the farmers and the community, and it will help the economy. Supporting our local economy depends on the buying power and how we shop. When we shop local, we're helping our island community.  
<https://www.ainahookupuokilauea.org>



Mailelani's has adapted by producing cloth face masks that can be ordered online at  
<https://www.mailelanis.com>

# 2020 Youth Tour Shares COVID Experiences

Earlier this year, Braelyn Cayaban from Waimea High, Alana Cayabyab from Kaua'i High, Tyler Hawthorne from Kapa'a High and Sophia Riley from Island School were selected to attend Youth Tour in June. Due to the pandemic, the trip was cancelled. Katie Cook, one of our 2019 Youth Tour delegates and 2020 Island School graduate, also wrote from her perspective. These are their stories of how they power on.

## By Braelyn Cayaban



Natalie Imbruglia once said, "Enjoy every moment. You never know when things might change."

Aloha! I am a junior at Waimea High School, and I was asked to share my quarantine story. Before the quarantine started, I was just a normal teenager trying to survive my junior year. Suddenly, that all changed

on March 20, 2020, when Mayor Kawakami announced the state of Hawai'i will start a mandatory curfew and quarantine due to the COVID-19 outbreak.

When I heard the news about COVID-19, I was very concerned for everyone, including my friends, family and loved ones. During the first weeks of the quarantine, I had to adjust to the many changes in my personal life. For example, it was a challenge for me to transition to distant learning through Zoom since I am used to a normal school setting.

Over time, I slowly accepted this new "normal." However, the quarantine got extended and more events were being canceled. I have never heard the word "canceled" so much in my life. For instance, I was heartbroken to hear that the class of 2020 will not have their graduation ceremony. The quarantine made me miss everything I had and could do before. I miss seeing everyone's faces, going to places without wearing a mask and, most importantly, giving hugs to people.



Despite social distancing, our community is continuing to show its love and Malama to our people. I thank the essential workers for doing so much for our island. I also thank KIUC for continuing to support the community through relief efforts during this pandemic.

A lesson I learned during the quarantine is that everyone shares one thing in common, and that is hope. Hope that the quarantine will eventually be lifted, hope that COVID-19 will disappear forever and hope that allows us to see a life returned to the way it was before when we are not 6 feet apart.

## By Alana Cayabyab



Who would have thought that we would start a new decade off with a global pandemic? Once the virus reached the islands, we had to adjust to a whole new normal. Learning became online, events had to be canceled, social distancing and isolating in homes was a new way of caring for our loved ones, trying to figure out if a person is smiling

at you in public through masks became a challenge. People are coping with this new norm in many different ways. For me, I have come across some challenges. For one, I had to get use to online learning. In the past, online school did not work out for me and with having two AP classes, I could not slack. Knowing that I wasn't on my regular school schedule, I had to try really hard to not be distracted. Being in school, I was in a closed environment and learning was easier. On the social aspect, I had to get used

to the idea of social distancing and not being able to see my friends or hang out with them. I really miss seeing all of them at school. Active in Student Government, we had to find ways to have our yearly events virtually. It was a challenge as I couldn't interact with my fellow officers in person and we strictly worked on computers. We had to keep up with communicating every day, online meetings, and doing individual work on the computer. But in the end, we were able to pull it off! But honestly, quarantine hasn't been so bad. I've been able to spend a lot more time with my siblings. Before all of this, I wasn't able to spend as much time with them as I became very occupied with school and Student Government. I have been baking a ton, learning how to make different treats. One of the nice things that I learned was to relax. Being involved in different curricula on top of school, I'd be constantly working to the point I stretch myself thin.

### **By Tyler Hawthorne**



I never imagined that a single word could influence so many people's lives. The term coronavirus seems to strike fear, anger and even sorrow in many who hear it. This global pandemic is a devastating event that has affected the entire world, including me. The way we live will forever be changed.

Living on the remote island of Kaua'i, I feel the COVID-19 outbreak has affected my life differently compared to others across the world. There have been so many people struck with the coronavirus. Luckily for me, my friends and family have stayed healthy throughout these hard times, but only due to strict precautionary measures. Both my parents were considered essential workers, so we really had to watch who they came in contact with every day.

My family isolated potential carriers like my brother, who had to self-quarantine for two weeks to protect other family members when he was coming home from college. We kept my grandfather with us since the beginning of the pandemic to protect him from the hotspots in Oregon where he lives. Isolating and staying home seemed to have worked for us.

Despite adapting to the new norm, the COVID-19 pandemic has really thrown a wrench in my life. Between converting to online school and the entire world basically on lockdown, my daily routine has severely changed. I'm no longer able to go to school and see my friends, practice with my teammates or interact with teachers. For the first time since I was 4 years old, I'm not practicing for my current sport.

As the chosen Hawai'i delegate for KIUC representing Kapa'a High School, my fellow delegates and I were supposed to travel to Washington, D.C., this June to attend the annual National Rural Electric Cooperative Association Youth Tour. With all the travel restrictions and closures, our trip of a lifetime was canceled.

I am a firm believer that nothing ever goes away until it teaches us what we need to know. So while this pandemic has brought a lot of challenges, it has also brought a lot of good and taught me a few things. I have been able to spend more quality time with my family, especially my brother. He's away at college, and we only see him a few months out of the year. We've been able to have more family dinners, play games and talk more to our mainland family. With the mayor still allowing people to exercise outdoors, my brother and I have been able to hike to remote places across the island and spend quality time together. This has helped me appreciate my family as well as nature even more than I originally imagined.

So while this pandemic has brought a pause to the world and my life, I try to look at the positives and stay optimistic. I'm optimistic that eventually we will all get through this stronger together.

### **By Sophia Riley**



*"As people think and work together, a fabric of shared meaning comes into being."*

—Harrison Owen

In a time of mayhem, confusion and tragedy, community has prevailed. Farmers sit on the side of the road accompanied by a bountiful display of produce; strangers hand out masks, ensuring that all have the ability to stay safe; teachers and students alike adjust to learning in ways they never had before; and doctors and nurses heroically put themselves on the front line to aid those who are ill, in the hopes of restoring society.

In the midst of despair for those who we've lost and fear for those we may, it can be easy to overlook the beauty of our community. Here, on Kaua'i, 'ohana—both blood and hanai—are valued above all else. Community is a core aspect of our identity, and this allows us to come together to help all inhabitants of our island. Being a student during this juncture, it is remarkable to experience such a time in which material desires are replaced with empathy and compassion, truly the best of humanity.

*continued on page 22*

*continued from page 21*

It is incredibly interesting to compare this moment in time to things like the Spanish Flu of 1918 or explore relevant current events, like the treatment of refugees during a pandemic or the differing responses from global leaders, among more.

I continually hear adults saying, “This is like Iniki,” referencing a time of collaboration solely for the purpose of helping. While I can’t compare the two myself given that I wasn’t born yet, the stories I hear of the community teamwork after the hurricane—even in a moment of devastation—greatly replicate the world and island culture we are experiencing today. Our island is small, but we are strong. Our strength comes from our love for our ‘ohana. Every day that this pandemic continues, such strength is shown, confirming my belief that we will prevail not as individuals but as one united force.

### **By Katie Cook, Island School Class of 2020, 2019 Youth Tour Delegate**



Confusion, disbelief and disappointment. Three of the many emotions that arose as the COVID-19 pandemic continued to destroy the remaining moments of my senior year. As I left school for spring break, not an ounce of me considered the possibility of never seeing a few of my classmates again. As one COVID-19 case turned into

21, schools shut down and stay-at-home orders were enforced, reality began to feel more and more like a nightmare. An event we never expected to experience was suddenly at our doorstep. I was disheartened that my last moments as a senior would be spent at home, creating zoom meeting passwords and ID codes just to talk to a few friends, rather than on the track, in the classroom or along the graduation ceremony stage.

As weeks in quarantine passed, denial transformed into acceptance. Although the pandemic stripped us away from school, work, friends and even family, I realized that the best thing to do for me physically, mentally and emotionally was to continue moving forward instead of dwelling on the past. This extra time allowed me to sharpen my cooking skills with new family recipes, work on my painting abilities, which were previously non-existent, learn about the Japanese language and cultivate myself into a more grateful person overall. I’m thankful for the good health and safety of my family, friends and community as Kaua’i has managed to keep our COVID-19 count low. The opportunity to spend quality time (a lot of it!) with my

family is something that I am extremely grateful for as it has allowed me to slow down and appreciate the moments I spend with them, bringing my family closer. To keep a positive mindset, I’ve begun writing five things that I’m grateful for each day. I know that this is a difficult time for everyone, but recognizing the silver linings, regardless of how small they may be, have made the difference for me.

Even though the pandemic has brought chaos and uncertainty, I found that the most important thing was to focus on the things I could control. As Epictetus the Greek philosopher once said, “It’s not what happens to you, but how you react that matters.” While I can’t control how many people are infected by the virus or fall ill, I can control my perspective on the situation and how I choose to respond. As many of us graduates feel discouraged, just remember that class of 2020 will not be forgotten! Our success is not determined by the ending celebration of a traditional graduation ceremony, but by our hard work and achievements throughout our unforgettable journey.

I was scared, sad and even angry in the beginning of the pandemic, as none of us were expecting this in 2020, but this experience has shown the resilience and compassion that the community, state and entire world hold. The most difficult times are what help us grow, and let’s continue to show our love and support for each other throughout these challenging times. Stay safe, take care and congratulations to the class of 2020! 🌍



**American Red Cross**  
Hawaii

## Turn Compassion Into Action!

**Become a Red Cross Volunteer Today!**

Volunteers carry out 90% of the Red Cross work on Kauai. Whether helping one displaced family or hundreds, providing care and comfort to an ill or injured service member or veteran, or teaching others how to respond in emergencies, it's through the efforts of ordinary people that we can do extraordinary things. The Red Cross responds to an emergency every 8 minutes, and our vital work is only possible because of people like you



**Volunteers Urgently Needed for the Following Positions in Your Community:**

**Hurricane Shelter Volunteers**

Serve as a shelter worker on a disaster relief operation, helping in reception, registration, feeding, dormitory, information.

**Disaster Action Team Member**

Assist individuals and families who have been impacted by a home fire or local other disaster.

**To learn more, visit [redcross.org/volunteer](https://redcross.org/volunteer) or contact:**

**Padraic Gallagher Red Cross Director**  
808-645-1911

Every year, KIUC is required by law to provide our ratepayers annual fuel mix and average electric cost information.

## HRS [§269-16.4] Annual Fuel Mix Disclosure

- (a) Beginning June 1, 2004, and every June 1 thereafter, each retail supplier of electricity shall disclose fuel mix information by generation category to its existing and new retail electricity customers for the prior calendar year.
- (b) Beginning June 1, 2004, and every June 1 thereafter, each retail supplier of electricity shall state the average retail price of electricity (per kilowatt-hour) for each rate class of service for the prior calendar year. The average retail price of electricity for each rate class of service shall be determined by dividing the total electric revenues for each rate class of service by the total kilowatt-hours sold to each respective rate class.
- (c) The disclosure required by this section shall be:
- (1) Printed either on the customer's bill or as a bill insert; provided that this disclosure requirement shall not result in increased costs to ratepayers; and
  - (2) Posted and updated on the suppliers Internet website, if any.
- (d) As used in this section, the term "fuel mix" means the electricity sold to retail electricity customers expressed in terms of percentage contribution by generation category. The total fuel mix included in each disclosure shall total one hundred percent. [L 2003, c 147, §2]

### REVENUE

Rate Class of Service	Schedule	2015	2016	2017	2018	2019
Residential	D	\$55,512,573	\$55,787,615	\$58,459,375	\$65,170,080	\$63,200,462
General Lighting Service	G	\$21,661,344	\$21,287,562	\$22,238,251	\$25,055,505	\$24,116,311
General Lighting Service	J	\$16,404,878	\$16,783,317	\$16,437,111	\$17,696,698	\$16,924,144
Large Power	P	\$32,883,320	\$32,657,931	\$34,047,916	\$36,406,460	\$34,113,796
Large Power	L	\$15,063,959	\$15,205,417	\$15,341,807	\$16,782,895	\$15,334,559
Streetlight	SL	\$1,362,924	\$1,268,893	\$708,102	\$719,376	\$681,986
Irrigation		\$59,629	\$16,264	\$143,182	\$361,634	\$95,379
<b>Total Revenue</b>		<b>\$142,948,627</b>	<b>\$143,006,999</b>	<b>\$147,375,744</b>	<b>\$162,192,648</b>	<b>\$154,466,637</b>

### KWH SALES

Rate Class of Service	Schedule	2015	2016	2017	2018	2019
Residential	D	161,826,042	163,958,718	169,346,334	174,726,470	181,264,409
General Lighting Service	G	61,801,021	61,187,770	62,824,313	65,473,099	67,417,715
General Lighting Service	J	50,791,819	52,044,639	50,282,542	49,854,166	51,256,543
Large Power	P	104,433,662	106,753,049	108,943,412	107,098,228	108,215,545
Large Power	L	50,125,564	52,481,360	51,926,563	51,409,785	51,265,330
Streetlight	SL	2,780,067	2,564,454	878,661	852,640	790,188
Irrigation		319,884	97,972	896,148	1,699,665	500,111
<b>Total KWH Sold</b>		<b>432,078,059</b>	<b>439,087,962</b>	<b>445,097,973</b>	<b>451,114,053</b>	<b>460,709,841</b>

### AVERAGE RETAIL PRICE

Rate Class of Service	Schedule	2015	2016	2017	2018	2019
Residential	D	\$0.343	\$0.340	\$0.345	\$0.373	\$0.349
General Lighting Service	G	\$0.351	\$0.348	\$0.354	\$0.383	\$0.358
General Lighting Service	J	\$0.323	\$0.322	\$0.327	\$0.355	\$0.330
Large Power	P	\$0.315	\$0.306	\$0.313	\$0.340	\$0.315
Large Power	L	\$0.301	\$0.290	\$0.295	\$0.326	\$0.299
Streetlight	SL	\$0.490	\$0.495	\$0.806	\$0.844	\$0.863
Irrigation		\$0.186	\$0.166	\$0.160	\$0.213	\$0.191

Fuel Mix Generation*	2015	2016	2017	2018	2019
Biomass	5,712,000	51,777,705	48,129,375	51,818,445	51,323,475
Fossil Fuel	350,287,271	291,388,281	287,976,993	299,244,542	244,529,131
Hydro	35,163,744	35,767,255	32,044,403	30,750,088	54,249,974
Photovoltaic**	60,414,488	78,911,992	95,611,554	92,197,763	133,587,078
<b>Total</b>	<b>451,577,503</b>	<b>457,845,233</b>	<b>463,762,325</b>	<b>474,010,838</b>	<b>483,689,658</b>

\* Gross Generation kWh

\*\* Prior reports included own-use from customer-sited generation. Starting from the 2012 calendar year report, prior and current data revised to include only surplus energy from customer-sited generation.

Fuel Mix Percentage	2015	2016	2017	2018	2019
Biomass	1%	11%	10%	11%	11%
Fossil Fuel	78%	64%	62%	63%	50%
Hydro	8%	8%	7%	7%	11%
Photovoltaic	13%	17%	21%	19%	28%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

# Prepare for Hurricane Season

By Shelley Paik

*Hurricane season begins June 1 and ends November 30, but can occur before and after the official season. Don't wait until a warning is given to begin making your plans. Know the difference between a hurricane watch and hurricane warning. Have your survival kit ready and know where emergency shelters are located.*

**Hurricane watch** means hurricane-force winds may occur within 48 hours.

**Hurricane warning** means a hurricane is expected within 36 hours.

**Tropical depression** is a rotating low-pressure weather system that has organized thunderstorms but no fronts with maximum sustained surface winds of less than 39 mph.

**Tropical storm** is a storm with sustained winds of 39 mph or higher.

**Hurricane** is an intense, compact cyclones that form over warm, tropical waters and have maximum sustained winds of 74 mph and higher.

Category One: Winds 74 to 95 mph.

Category Two: Winds 96 to 110 mph.

Category Three: Winds 111 to 130 mph.

Category Four: Winds 131 to 155 mph.

Category Five: Winds 155 mph and higher.

Hurricanes affect the ocean surface and lower atmosphere over tens of thousands of square miles, causing strong winds, high surf, heavy rains and tornadoes.

Know the procedures for emergency conditions. If you live in a flood zone or think your home cannot withstand the force of a hurricane, have an evacuation plan ready and share it with your family.

Before leaving home, turn off the electricity and shut off your gas. Take your survival kit and other essential items. If you have a pet, plan ahead and contact the Kaua'i Humane Society for information on people/pet sheltering.

Stay informed and tune in to local media for further instructions. KIUC will post updates on Facebook and be in contact with radio stations with special advisories. General emergency preparedness information can be found on the Kaua'i Emergency Management Agency's website: [www.kauai.gov/KEMA](http://www.kauai.gov/KEMA).

Also on the KEMA website is a portal where you can sign up for the County of Kaua'i's Blackboard MyConnect, which allows you to receive voice, text and/or email notifications about emergency situations and other public alerts within the County of Kaua'i. 🌐

***Be safe, have a plan in place.***



## Hurricane Preparation Checklist

- Trim trees around the home, especially those with weak limbs.
- Know where all important documents are.
- Be certain your survival kit is complete.
- Have a carrier for each pet and maintain at least a one-week supply of pet food, cat litter, special medications and other necessary supplies.
- Tie down or store all loose objects.
- Remove and store lanai furniture.
- Store all propane tanks.
- Board up windows.
- Wrap cameras, computers, stereos and other electronic equipment in waterproof sheeting.
- Freeze water to fill up all available freezer space. In the event of a lengthy power outage, frozen foods will stay cold longer in a fully loaded freezer.
- Fill up the gas tank of your vehicle.
- Thoroughly clean and disinfect bathtubs with bleach. Fill with water.
- Fill as many clean containers as possible with water. Do not use milk containers, which have milk residue that makes drinking water unpleasant.
- Line garbage cans with plastic trash bags and fill with water. This water can be used later for nonpotable purposes such as flushing toilets.

## Survival Kit

In the event of a long-term storm or power outage, everyone must take personal responsibility and have an action plan. To better cope without electricity, make sure your home and office are equipped with power outage kits. Include the following:

- Portable radio.
- Extra batteries.
- Flashlight(s) and candles.
- Manual can opener.
- Sleeping bags or blankets.
- First aid kit, special medications and extra pair of eyeglasses, if you wear them.
- Individuals with special needs should plan ahead for their appropriate medical conditions.
- 14-day supply of non-perishable, ready-to-eat food; an ice chest and ice packs.
- Containers of water; minimum 1 gallon per person per day.
- Change of clothing for each family member.
- Matches or lighter.
- Camp stove, lantern and fuel.
- Masking tape for windows.
- Personal hygiene, sanitary supplies, diapers.
- Bleach.
- Plastic sheeting and garbage bags.
- Whistle.

## Important documents

- Identification card or driver's license.
- Credit/debit card numbers.
- Bank account information.
- Medical insurance cards.
- Advance health care directives.
- Copy of title/deed to property.
- Copy of prescriptions (medicine, hearing aids, glasses, etc.)

## Important Phone Numbers

KIUC .....	246-4300
Emergency police, fire, ambulance .....	911
Kau'ī Emergency Management Agency .....	241-1800
American Red Cross .....	245-4919
Hawai'i Gas .....	245-3301
Department of Water trouble calls .....	245-5444
After hours .....	241-1711
Hawaiian Telcom Repair Services .....	611
Spectrum .....	643-2100
Kau'ī Humane Society .....	632-0610



*Elisabeth Young and her parents, Jed and Judi, celebrate her graduation from Harvard University.*

# Where Are They Now?

**By Beth Tokioka**

Elisabeth Young participated in KIUC’s Youth Tour in 2008-2009 prior to graduating from Kaua’i High School. She has since earned a Bachelor of Science degree from the University of Puget Sound, a doctorate from John A. Burns School of Medicine and a master’s in public health from Harvard University.

**Wow, Elisabeth! You’ve been busy since joining us on Youth Tour. Let’s start from the beginning: What made you interested in participating in the Youth Tour program?**

**EY:** Like most things in my life, I owe my participation in Youth Tour to my mom, Judi Young. She is the one who heard about the opportunity and encouraged me to apply. I remember being incredibly nervous at the interviews. It was the first thing I’d ever interviewed for!

**What do you remember most about Youth Tour?**

**EY:** At Youth Tour I was exposed to peers from all over the country. I remember being fascinated by the different accents, different interests, even different comfort foods—no one knew what a spam musubi was! But I think I was most struck by the threads of commonality between us: the challenges we had faced and our hopes for the future.

**How has Youth Tour impacted your life in the ensuing years?**

**EY:** I think Youth Tour help me build confidence. At 16, I don’t know if many people feel like they can make a difference. Youth Tour was the first time I was hearing that I could be a leader and that my voice mattered. That’s when I really started to believe that we change the world by the words we choose to say and the way we care for the people around us.

**You certainly took that lesson to heart. Tell us what you’re doing now.**

**EY:** I’m currently living in San Francisco, training as a resident physician at University of California San Francisco Benioff Children’s Hospital.

**Being in San Francisco during the COVID-19 pandemic and working in health care must be an interesting experience. Can you tell us how COVID-19 has affected you professionally and personally?**

**EY:** California instated shelter-in-place orders early, which as of yet, have prevented the sorts of surges in infection we are seeing overwhelm hospital system in other places. I also work on the pediatric side, and we are seeing that children are presenting with less severe symptoms. However, it has been incredibly distressing to hear about the suffering my friends across the country are experiencing, whether they are patients themselves or physicians.

It has also been difficult to see how natural disasters disproportionately impact certain communities, particularly immigrants and people of color. I care for families who have lost jobs, who are facing losing their housing or have already lost it, and whose mental health challenges have been amplified by this crisis. I’m lucky to work in a system that tries its best to identify these needs and is partnering with health care providers to support these patients and their families.

**Do you stay in touch with your friends on Kaua’i?**

**EY:** Some of my best friends are the ones I grew up with on Kaua’i. We’ve supported each other through so many phases of life. It’s nice to have people who knew you at 13 and can remind you how you’ve grown and changed, but also remind you of the values we grew up with.

**What do you miss most about Kaua'i?**

**EY:** I love home so much! I miss my family so much. I had to cancel two trips because of travel risks with COVID-19. I miss the food and the ocean. I miss the feeling of family and of gratitude wherever you go.

**What are your future goals and plans?**

**EY:** Right now, I'm planning to complete a fellowship in pediatric emergency medicine or pediatric infectious disease. I eventually want to move home and serve the community that raised me. I would also like to work at the medical school to train future generations of physician in Hawai'i, particularly ones from Kaua'i.

**Can you share any words of wisdom with young people who are soon to graduate high school to pursue a career of some kind?**

**EY:** I'm so sorry that senior year looks different for this year's graduates. I hope you all know what a huge accomplishment it is to graduate from high school! I don't know if I have much wisdom to impart, but my church has a saying that I really love: "The world is both beautiful in need of enjoyment and broken in need of redemption." Breathe in the good parts of this incredible life and do good wherever you can. I hope you know that you matter and that you can make a positive impact on your community.



*Elisabeth recently explored Yosemite National Park.*

**Any other thoughts you'd like to share?**

**EY:** Send a big thank you to Kaua'i public school teachers and Dr. Geri Young, my pediatrician! 🌟



*2008 KIUC Youth Tour delegates make a presentation in Washington, D.C.*

**National Rural Electric Cooperative Association's Youth Tour to Washington, D.C., is one way KIUC invests in our youth. KIUC sends four students, selected via a rigorous application and interview process, on this trip of a lifetime to visit our nation's capital. Youth Tour participants are in their junior year of high school and return to Kaua'i as stronger leaders, confident they can make a difference.**

# The Tastes of Summer



## Everything Bagels

- 2 cups flour
- 3 teaspoons baking powder
- 1 teaspoon salt
- 1½ cups Greek yogurt
- 1 egg, beaten
- Everything bagel seasoning (recipe below)
- Heat oven to 375 F.

In a large mixing bowl, combine flour, baking powder, salt and yogurt. Place mixture on a flat surface sprinkled with flour. Knead until soft and the dough is no longer sticky, adding more flour if needed. Divide dough into six equal portions. Roll each into a rope and crimp ends together to form a bagel.

Line a baking sheet with parchment paper. Place the bagels on the sheet. Brush with egg wash and sprinkle with bagel seasoning. Bake for 15 to 20 minutes.

### Everything bagel seasoning

- 1 tablespoon poppy seeds
- 1 tablespoon white sesame seeds
- 1 tablespoon black sesame seeds
- 1 tablespoon onion flakes
- 1 tablespoon garlic flakes
- 1 teaspoon coarse sea salt or kosher salt

Combine all ingredients. Store in an airtight container.

## Air-Fried Mandoo

- |                             |                                |
|-----------------------------|--------------------------------|
| 1 package mandoo wrappers   | ½ cup finely chopped mushrooms |
| ¼ pound ground turkey       | ½ cup green onion, chopped     |
| 2 cloves garlic, minced     | Pepper                         |
| 1 tablespoon oyster sauce   | Sea salt                       |
| 1 cup bean sprouts, cleaned |                                |

In a skillet, add olive oil, garlic and turkey. Saute until meat is browned. Add oyster sauce, salt, pepper, bean sprouts, mushrooms and onion. Let mixture cool. Place about a tablespoon of the mixture in the middle of a mandoo wrapper and lightly moisten the edges with water. Crimp the edges to seal the wrapper. Place filled wrappers on a baking sheet with space between the pieces so they don't stick together.

Put mandoo in air fryer, keeping space between the pieces. Fry at 370 degrees for 7 minutes. You can also fry the mandoo in a pan lightly coated with oil.



## Garlic Flavor Burst Ahi

- 1 slab ahi, sliced into 1-inch steaks
- ¼ cup Flavors of Kaua'i Flavor Burst
- 6 cloves garlic, chopped
- 1 tablespoon olive oil

Heat olive oil in a pan. Sprinkle garlic evenly on the bottom of pan. Dip the ahi in the Flavor Burst sauce. When the pan begins to sizzle, place ahi steaks on the garlic. Cook the fish on high heat for 2 to 3 minutes. Flip the fish and drizzle more sauce. Cook to your desired doneness.



# White Peruvian Chili With Spinach

Recipe and photo contributed by Marj Dente, shared by her friend Ed

- |   |  |
|---|--|
| 2 tablespoons oil   | 14-ounce can coconut milk                                |
| 1 tablespoon minced garlic                                      | 1 tablespoon fish sauce                                  |
| 1 cup chopped onion   | Water, chicken broth or more<br>coconut milk as needed   |
| ¾ cup chopped tomatoes or<br>canned equivalent                  | Salt and pepper, to taste                                |
| 1 to 2 pounds chicken, breasts<br>and/or thighs, cubed          | 1 can cannellini or white beans,<br>drained              |
| 3 jalapenos, minced (add one<br>more for hotter chili)*         | ½ pound spinach leaves,<br>washed and roughly<br>chopped |
| 1-2 serrano chilies, minced (add<br>one more for hotter chili)* |  |



In a large pot, briefly saute garlic in oil. Add onions and tomatoes. Saute until tender. Add chicken and saute for 5 minutes. Add jalapenos, chilies, coconut milk, fish sauce, water or chicken broth, salt and pepper. Cover and simmer for 45 to 50 minutes, stirring occasionally. Add beans and heat through. Add spinach and cook briefly, until well wilted. Serve with your rice of choice.

\*It is best to test for hotness after 30 minutes of cooking before you add more chilies. Depending on how much chicken and liquid you use, this will serve two to four people.



## Swiss Chard

- 1 bunch Swiss chard, washed and chopped into 1-inch pieces
- 3 cloves garlic, chopped
- 2 tablespoons oyster sauce
- ½ teaspoon red pepper flakes
- 1 tablespoon olive oil
- ½ teaspoon sea salt

In a pan, saute garlic and red pepper flakes in olive oil on high heat until the garlic begins to brown. Add Swiss chard. Keep stirring the chard and add oyster sauce. Cook until the leaves and stems are softened. Sprinkle with sea salt to taste.

## Esther's Broccoli Bacon Salad

### Salad

- 3 cups broccoli florets
- ½ cup shredded cheese
- ⅓ cup raisins or cranberries
- ¼ cup chopped red onion

### Dressing

- ½ cup mayonnaise
- 2 tablespoons sugar
- 2 teaspoons lemon juice
- 8 slices crumbled cooked bacon

In a large bowl, combine salad ingredients. In a small bowl, combine all dressing ingredients except bacon. Mix together salad and dressing ingredients. Add bacon before serving.



# Statement of Operations

For the period 01/01/2020 – 04/30/2020

Like many organizations on Kaua'i, KIUC has been impacted by the loss of sales due to the coronavirus pandemic. For the month of April, sales volume decreased 14% from the prior year. The year-to-date electricity usage on the island is now 0.2% lower than in the prior year. Revenues and expenses totaled \$46.5 million and \$48 million respectively, resulting in a net loss of \$1.5 million for the four-month period ending April 30, 2020. The reduction in sales was the main contributor to the net loss.

KIUC has suspended service limitations and disconnections through at least June 30, 2020, in response to COVID-19 financial impacts to members.

KIUC is closely monitoring the coronavirus pandemic's impact on our financial condition. We are working with our lenders, financial advisors and others in order to help us maintain a strong financial position as we manage through these turbulent times. KIUC has received a \$2.8 million loan through a Paycheck Protection Program (PPP). The Small Business Administration's PPP was established pursuant to Section 1102 of the Coronavirus Aid, Relief and Economic Security Act.

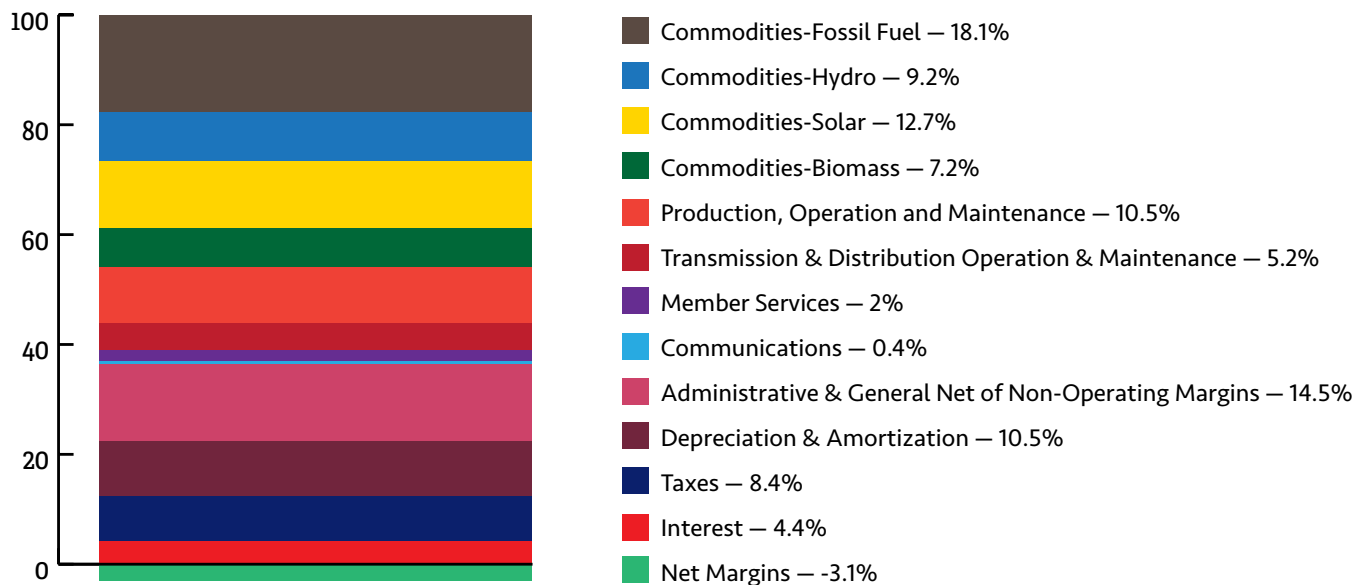
As is the case for all electric utilities, the cost of power generation is the largest expense, totaling \$26.9 million or 57.7% of revenues. Commodities, which are fuel and purchased power costs, are the largest component of power generation, totaling \$22 million or 47.2% of revenues.

Currently, fossil fuel is the largest component of commodities totaling \$8.4 million or 18.1% of revenues. Other commodities include hydro power, totaling \$4.3 million or 9.2% of revenues; solar power, totaling \$5.9 million or 12.7% of revenues; and biomass power, totaling \$3.4 million or 7.2% of revenues. The remaining \$4.9 million or 10.5% of revenues represents the cost of operating and maintaining the generating units.

The cost of operating and maintaining the electric lines totaled \$2.4 million or 5.2% of total revenues. The cost of servicing our members totaled \$0.9 million or 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 \$6.8 million or 14.6% of revenues.

Being capital intensive, depreciation and amortization of the utility plant costs \$4.9 million or 10.5% of revenues. Although not subject to federal income taxes, state and local taxes amounted to \$3.9 million or 8.4% of revenues. Interest on long-term debt, at a favorable sub-5% interest rate, totals \$2 million or 4.4% of revenues. Non-operating net margins added \$0.1 million to overall net margins. Revenues less total expenses equal margins of a net loss of \$1.5 million or -3.1% of revenues. Margins are allocated to consumer members and paid when appropriate. 🌱

## PERCENTAGE OF TOTAL REVENUE





### By Office of Elections

The Office of Elections' mission is to provide secure, accessible and convenient elections to all citizens statewide.

Am I registered to vote? When will I receive my ballot? As the 2020 elections approach, Hawai'i voters are preparing to cast their ballots for the primary election Saturday, August 8, and the general election Tuesday, November 3.

This year is the first time our primary and general elections will be conducted by mail. No traditional polling places will be established. Instead, all

registered voters will automatically receive a ballot in the mail.

To ensure you receive your ballot in the mail, check your voter registration status online at [elections.hawaii.gov](http://elections.hawaii.gov) and log in with your Hawai'i driver license or Hawai'i state ID, or call your county elections division. By law, ballots cannot be forwarded through the mail. If you have moved or changed your mailing address or name, you must update your voter registration. This can also be done online or by submitting a paper voter registration application.

Be on the lookout for your ballot starting Tuesday, July 21, for the primary

election and Friday, October 16, for the general election. Your ballot packet will include a personalized postage-paid return envelope, ballot secrecy sleeve, instructions and ballot. Mark your ballot, seal it in the return envelope and sign the envelope. Your voted ballot must be received by 7 p.m. on Election Day.

During these uncertain times, we encourage everyone to vote from home. To learn more about voting by mail or to check your voter registration, visit [elections.hawaii.gov](http://elections.hawaii.gov) or contact the Office of Elections at 1-800-442-VOTE (8683) or your County of Kaua'i Elections Division at 808.241.4800. 🗳️



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Summer 2020  
Volume 17, Number 2

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# LIHEAP

## LOW INCOME HOME ENERGY ASSISTANCE PROGRAM

*Do you need help with your utility bill?*

The federal Low Income Home Energy Assistance Program (LIHEAP) assists low-income households with a one-time annual credit on their electric bill.

Kaua'i Economic Opportunity (KEO) accepts applications from Monday, June 1, through Tuesday, June 30. You must meet certain criteria to qualify.

Please call KEO at  
**245-4077 ext. 242**