Inside:

The Gift of Giving for the Holidays

Do We Have Your Money?
2020 Board Elections in March
Sun Village #B408
Gorgeous, well maintained 2 bed, 2 bath 4th floor condominium with Beautiful Vaulted Ceilings. Ocean Views from Lanai and Stunning Mountain Views from the living room and lanai. Sun Village has numerous amenities and is located across from Wilcox Hospital and Clinic. Very close to Shopping and Beaches! **One resident must be 55 years of age or older. $279,000(lh). Call: Karen L. Agudong, REALTOR(B) 652-0677 or email: Karen@Alohaisland.com.

5345 Makale’a Street, Poipu
Poipu Beach Estates Home with Guest House and Swimming Pool. This gorgeous home is located in Poipu’s Visitor Destination Area and only minutes from beaches and shopping. SOLD: $1,600,000(fs). Call: Karen L. Agudong, REALTOR(B) 652-0677 or email: Karen@Alohaisland.com.

Pikake Subdivision Lot #1714, Lihue
STUNNING MOUNTAIN and GOLF COURSE VIEWS. Excellent location toward the end of the cul de sac. Flag lot enhances privacy. May qualify for an additional Guest Cottage. Close to Kukui Grove Shopping Center, Kauai Community College, Schools and Beaches. $549,000(fs). Call: Karen L. Agudong, REALTOR(B) 652-0677 or email: Karen@Alohaisland.com.

2-3614 KAUMUALII HWY LAWAI -
Great opportunity for multiple homes in Lawai! Gorgeous 26,000 + sf lot overlooking the reservoir with beautiful mature fruit trees and the relaxing sound of the stream nearby. Great property at a great price! Sold As-is. $999,999(fs).

Happy Holidays
Thank you to my past and current clients and for your referrals! I truly appreciate you and am so thankful for another amazing year doing what I love! I couldn’t do it without you!
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.
From the Chairman

During this holiday season, we pause to give thanks for the blessings in our lives, reflect on the events of the year, and look forward to 2020 with hope and optimism.

Your KIUC Board of Directors is thankful for the opportunity to serve you and work toward our collective goals as a locally owned and governed cooperative. In carrying out the work of KIUC, we look to the principles that are part of the fabric of utility cooperatives throughout our nation:

- Exist to serve the community that owns them and serve the needs of local customers rather than distant stockholders.
- Have a not-for-profit status that means a high level of service comes at the lowest possible price.
- Keep money in the local community, not just with lower rates, but by reinvesting locally to stimulate economic health and support critical social services.
- Hire workers who are your friends, family and neighbors who care about ensuring reliable, quality service.
- Represent democracy in action. Boards are elected by cooperative members. They hire utility management and are directly responsible to those who elect them.
- Are a part of the community. They are personally invested in being good stewards of the assets and of the environment in which they live.

Your cooperative is a local lifeline that supports and strengthens our community. Working side by side, we are more powerful together.

Have a joyful and blessed holiday season!

Me ke aloha pumehana,

Allan A. Smith

Board Actions

Below is a summary of some of the actions taken by the KIUC Board of Directors in August, September and October 2019.

**August 27, 2019, Board Meeting**

- Motion carried election of NRECA director – Hawai‘i, David Iha for 2020-2022.
- Motion carried Ili‘ili‘ula 36” siphon replacement, $419,175.
- Motion carried KIUC membership in the Cooperative Response Center.

**September 19, 2019, Board Meeting**

- Motion carried Aepo Substation, additional $2.2M.

**October 7, 2019, Board Meeting**

- Ratified approval of certain funds to repair inverters.

**October 29, 2019, Board Meeting**

- Motion carried approval of appointment of 2020 Nominating Committee.
- Motion carried approval February storm jobs, additional $342,000.
- Motion carried distribution transformer overhead – new customer, 2020 budget amount of $535,000.
- Motion carried HCP 2020 DOFAW HCP projects, additional $720,000.
- Motion carried Board Resolution 02-19 CFC and CoBank secured term loans.
- Motion carried Board Policy No. 11, patronage capital allocation and retirement policy (revised).
Recycling Solar Panels — Avoiding Solar Waste

By Leanna Thesken

Solar power plays a big role in Kaua‘i’s transformation to 100% renewable. We’re often asked what will happen to the solar panels once they are past their useful life. It’s a fair question. Providing solutions to environmental issues should be done with care so other environmental challenges aren’t inadvertently created.

Kaua‘i’s successful renewable efforts are credited partially to the island’s 4,300 rooftop solar systems. Utility-scale solar and solar-plus-battery projects also make a significant impact. The Tesla project alone consists of 55,000 solar panels—roughly 1.6 panels for every KIUC member. Nationally, the growth in solar has been exponential. According to the Solar Energy Industries Association, the U.S. will reach more than 4 million solar system installations by 2023.

As the number of solar panels in use continues to increase, a long-term challenge arises. Solar panels average a useful lifespan of about 25 to 30 years. Once the systems near the end of their lives, where do they go?

With KIUC’s fairly new solar fields, the cooperative will not face the challenge of proper solar panel disposal for another 15 to 20 years. However, it is important to plan for the future, especially since solid waste disposal is already a challenge for Kaua‘i.

Here’s the good news: Solar panels are largely recyclable. In fact, according to SEIA, more than 80% of the material in PV panels by weight is glass and aluminum, both of which can be recycled and used in new panels. Other recyclable materials include copper, metals, silicon and sealants.

Overall, SEIA estimates roughly 90% of the panel material can be recycled. That number assures us Kaua‘i’s green energy efforts will stay green well into the future.

The Best Gift to Give to Kids May Not be a Present

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

Remember what it was like being a teenager? Not sure where you belonged or what the future may bring? Remember that one person who took the time to listen to you? The person who cheered you on when times were tough? He or she might have been a parent, your tutu, an auntie, an uncle, a teacher, a coach or a minister. You felt their love and support. And that mattered.

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

This holiday season, why not give a child you care about your undivided attention? Play a board game, go to the beach, take a hike. Whatever you choose, choose to listen. Really listen. Show them how much they matter. And then you will know how much you matter to them.

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.kauaikidsareyourkids.org.
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.

**Earth: The Operators’ Manual**
By Richard B. Alley

**Call Number:** 621.04209 Al

This book gives a good overview of the science that detects the current man-made global warming and shows the many options for a win/win future through energy innovation. Using one engaging story after another and keeping the science understandable, Alley covers the history of human energy use over the centuries, a presentation of the evidence that the rising level of CO₂ from fossil-fuel energy is bringing damaging global warming, and a survey of the alternative energy options available to us right now. Our current energy system comes at a high price. As we rapidly burn through the limited supply of available fossil fuels, the carbon dioxide released is changing the climate in profoundly negative ways. Alley shows us how we know CO₂ has been the main control knob of these slower changes and our actions are more significant than natural cycles. He explores the major alternatives to fossil fuels, including nuclear, solar, wind and geothermal energy and describes how new energy sources can improve security and fuel economic growth in the 21st century. Author of “The Two-Mile Time Machine: Ice Cores, Abrupt Climate Change and Our Future,” Alley is a leader in understanding global warming. He is a member of the United Nations’ Intergovernmental Panel on Climate Change, which was awarded the 2007 Nobel Peace Prize.

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**“Got Energy Literacy?”**

By Carolyn Larson, Librarian

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**WASHINGTON, D.C.**
**JUNE 16-26, 2020**

**ELECTRIC COOPERATIVE YOUTH TOUR**

FOR HIGH SCHOOL JUNIORS | CONTACT YOUR SCHOOL COUNSELOR TO APPLY

MEMORIES | LEADERSHIP | COMMUNITY
U.S. CAPITOL | ARLINGTON NATIONAL CEMETERY | FDR | THEATER | SMITHSONIAN MUSEUMS | MLK | WHITE HOUSE | FT. MCHENRY | CAPITOL HILL | PENTAGON | GOVERNMENT | KOREAN | JEFFERSON | MT. VERNON | LINCOLN | ART | NATIONALS GAME | DANCE GRUPE
By: David Iha

Kaua‘i Island Utility Cooperative, along with cooperatives across the country, operates according to the core seven cooperative principles of:

- Voluntary and Open Membership
- Democratic Member Control
- Members’ Economic Participation
- Autonomy and Independence
- Education, Training and Information
- Cooperation Among Cooperatives
- Concern for Community

As an electric cooperative, members can actively participate in the second principle: Democratic Member Control. KIUC is a democratic organization governed by a board elected by, and accountable to, the membership.

Each year, KIUC conducts an election that culminates with voting ending in mid-March. The KIUC board appoints a nominating committee chair and nominating committee members, who confirm candidates for the board election. A member can submit a letter of interest and resume for consideration by the nominating committee to run in the election. A member may also submit a petition signed by at least 35 members. Ballots are usually mailed out in mid-February and must be completed by the voting deadline.

Voting plays a crucial part in our representative democracy. Voting in our KIUC election offers you an opportunity to exercise your civic responsibility—to select the best leaders for our co-op. Also in 2020, you will have the opportunity to vote in federal, state and local elections—opportunities to ensure elected officials understand the issues we face.

Soon after achieving statehood, Hawai‘i’s voter turnout and participation in our election process was very high. Since then, voter participation has declined. This year, let’s improve our voting turnout by encouraging everyone to vote. KIUC is designed to produce a cooperative “of the people, by the people and for the people.” Your vote ensures we’re living up to this ideal.
KIUC’s Waiahi Hydropower Facilities

KIUC owns and operates the Upper and Lower Waiahi hydroelectric plants, which generate 1.5 megawatts of electricity. These plants are among the most cost-effective that KIUC operates. Through their use, KIUC’s member-owners realize an annual savings of up to $1.75 million, and the cooperative avoids burning roughly 675,000 gallons of diesel every year. They contribute to KIUC’s growing renewable energy portfolio of solar, biomass and hydro, helping the cooperative to stay on track to meet the state of Hawai‘i mandate to achieve 100% renewable generation by 2045.
Background

The use of water resources to create renewable energy has a long history on Kaua‘i. The Waiahi hydros have been in operation for nearly a century, originally built by Lihu‘e Plantation Co. for its sugar operations. To enhance water flow through the hydro plants, diversions were built at the North Fork of the Wailua River and at Waikoko Stream. Diverted water was delivered to the plants via a ditch system developed and maintained by the plantation. Water that flowed through the plants was also used for plantation irrigation purposes.

Following the closure of Lihu‘e Plantation in 1999, Kaua‘i Electric (now KIUC) assumed operation of the hydropower plants and requested approval from the State Board of Land and Natural Resources for continued water use from the North Fork Wailua and Waikoko diversions. BLNR granted the revocable permit, to be renewed annually, in 2002.

Responsible Stewardship

Recognizing the importance of maintaining this renewable energy resource, in 2004 KIUC asked the BLNR for a long-term lease for operation and maintenance of the system. Since then, KIUC has worked with the Department of Land and Natural Resources, the Office of Hawaiian Affairs, the Commission on Water Resources Management, Department of Hawaiian Homelands, DLNR Division of Forestry and Wildlife, DLNR Office of Conservation and Coastal Lands, the U.S. Fish and Wildlife Service and others to address concerns relating to cultural, environmental and wildlife impacts. KIUC has also made ditch modifications to return more water to the streams.

In October, a 770-page draft environmental assessment was submitted to the Office of Environmental Quality Control for publication, inviting public review and comment. The document includes studies on flora and fauna, stream biota and cultural and socio-economic impacts. It eventually will be considered by BLNR for acceptance.

KIUC has retained its revocable permit and completed all the necessary preliminary steps to obtain the long-term lease. DLNR continues to work on the framework for lease adjudication. In the meantime, ditch-flow measurements are logged by KIUC and reported regularly to ensure diversion limits are met and mandated stream flow is maintained.

Focus on the Future

The Waiahi hydros are a foundational element of KIUC’s renewable portfolio, which produces 50% or more of our island’s power. The KIUC Board of Directors has set an aggressive strategic goal of reaching 70% renewable generation by 2030. Through strategic deployment of additional solar plus battery and pumped storage hydro generation, KIUC is confident this goal is achievable.

Maintaining legacy resources such as the Waiahi hydros is good for the environment and will help KIUC deliver clean, reliable and affordable electricity to our members for decades to come.
KIUC welcomes these new business partners to our Co-op Connections Program!

Kaua’i Beer Company
2465 Rice Street, Līhu’e, HI 96766

Tasting Kaua’i
www.tastingkauai.com

The Specific Chiropractic
2959 Umi Street, Suite 202
Līhu’e, HI 96766

Japanese Grandma’s Café/Blu Umi
3871 Hanapēpē Rd., Hanapepe, HI 96716

Kaua’i Museum
4428 Rice Street, Līhu’e, HI 96766

Monkeypod Jam
2-3687 Kaumualii Highway
Lāwa’i, HI 96765

Businesses interested in signing up for the program can email connections@kiuc.coop.
Don’t Stand in Line.
Don’t Use a Stamp.
Don’t Waste Time.

Enroll in SmartHub today.

Get instant online and mobile access to your KIUC account with SmartHub.

Here’s how it works:

- Visit www.kiuc.coop and enroll in SmartHub on the web or download the mobile app for your Apple or Android smartphone or tablet.
- Enter your KIUC account number, last name or business name, and email address.
- Create a new user name and password.

That’s it! You’re in!

Visit www.kiuc.coop or download the SmartHub App for Android or iOS.

Kaua‘i Island Utility Cooperative
Your Touchstone Energy® Cooperative

SmartHub: Power at Your Fingertips.
By Beth Tokioka

It’s a tidy store with shelves stocked full of colorful items such as portfolios, pencils, art supplies and books. Customers stroll through the aisles, placing carefully hand-picked items into their baskets and chatting breezily about events of the day.

But there’s something missing.

“We may be the only store on the island without a cash register,” says Elyse Litvack, co-founder and president of Kumu’s Cupboard, the self-proclaimed “free school supply store for Kaua‘i educators.”

Kumu’s Cupboard was the brainchild of Elyse and former Kaua‘i resident Sharon Lasker.
“Most educators spend money from their own pockets for classroom supplies and special projects,” Elyse says. “We wanted to help alleviate some of that burden and help teachers get supplies not readily available on island.”

The store opened in January 2017, and to date has resourced and made available more than $100,000 worth of school supplies, all free of charge. “Customers” include public, private and charter K-12 teachers, counselors and educational assistants. More than 600 island educators have registered to shop at Kumu’s Cupboard, representing every eligible school on the island.

Kukui Grove Center and Marketplace has provided complimentary space next to Great Harvest Bread Co. for the venture.

“Kumu’s Cupboard has received good support from individuals, service groups and businesses,” Elyse says. “This comes mostly in the form of monetary donations; however, we’ve received supplies as well.”

One source of funding for the project has been the KIUC Charitable Foundation, which provided $2,500 via grants in 2017 and 2019. Elyse says the grant funds have helped buy supplies as well as establish a resource center, making equipment such as laminators, comb binders and die-cut machines available.

“We also offer a lending service of non-consumable items, such as microscopes, math and science manipulatives, literature sets, teaching kits and even a few instruments,” Elyse says.

Giancarlo Graneto, who teaches the AVID program at Chiefess Kamakahelei Middle School, says Kumu’s Cupboard has added immeasurable value to his students’ work.

“I’ve been blessed with a resource for the supplies I need to help students find their spark, match it to a career, and identify the perfect college to fit their academic and financial needs,” he says.

KIUC Charitable Foundation board member David Iha says Kumu’s Cupboard aligns perfectly with the goal of the foundation.

“Investing in our keiki is vitally important to the well-being of our community,” he says. “The KIUC Charitable Foundation will continue to support our schools and our children, hopefully even more in the future with the launch of KIUC’s Makana program.”

Elyse says Kumu’s Cupboard is a true labor of love for all involved.

“We are an all-volunteer organization,” she says. “Amongst our volunteers are several teachers, a psychologist and a district resource teacher. The fact that they give of their time shows us that what we’re doing makes a difference.”

To learn more about Kumu’s Cupboard and how you can help, go to www.kumuscupboard.org.
Hey, Do We Have Your Money?

Every year, KIUC publishes a list of members to whom we owe a patronage capital refund. Patronage capital is the money KIUC has left after paying all of its expenses in a given year. At the end of the year, that money is credited to each member’s patronage capital account, according to the amount paid for electricity used.

In past years, KIUC issued checks to members, so it’s possible some of those on the list simply forgot to cash the check or accidentally threw it away.

If your name appears on the list, you must apply for a refund. Please complete the refund form below and provide a copy of picture ID as proof the person requesting the refund is the same as the account holder.

You can mail in the form or bring it in to our office. If you need additional forms, download one from our website at www.kiuc.coop. If you have questions about patronage capital, please call 246.4300.

Please allow 45 business days for us to process your request.

Request for Patronage Capital Refund

**Please Print:**

Name: __________________________________________________________________________________________________________________________

Mailing Address: ______________________________________________________________________________________________________________

City: ___________________________ State: ___________________________ Zip: ___________________________  

Telephone Number: (              ) ___________________________ Email: __________________________________________________________________________

Alternate Number: (              ) ___________________________ KIUC Account No. ___________________________

Social Security Number: ___________________________ or Driver’s License Number: ___________________________

Business Federal Identification Number _________________________________________________________________________________________

I hereby certify and declare that:

1. I am the party legally entitled to claim ownership of this Patronage Capital Account, and
2. I have attached documentation to support and validate my claim for ownership of this Patronage Capital Account, and
3. I agree to indemnify and hold KIUC harmless for any and all damages, which may arise from subsequent claims to this Patronage Capital Account, and
4. I understand that a copy of this certification statement will be released to any party making subsequent claim to this Patronage Capital Account.
5. I understand that to the extent such member-owner or deceased member-owner owes any outstanding sums to KIUC, any Patronage Capital credits to be retired shall be applied by way of set-off to such sums.

_________________________       ___________________________
Signature of applicant Date

**Select method of refund:**

☐ Apply refund to account ___________________________

☐ Request check refund ___________________________

(Please allow 45 business days to process your request)

**Office use only:**

Received ___________________________

Original check# ___________________________ Amount $ ___________________________

Original date issued ___________ Date reissued ___________ 

Check# reissued ___________________________ Amount $ ___________________________

Initial ___________________________ ID: ___________________________

Rev. 11-2019

Mail request form with a copy of your picture ID to:

Member Services
Patronage Capital
Kaua’i Island Utility Cooperative
4463 Pahe’e St., Suite 1
Līhu’e, HI 96766-2000
Your Gift Invests in Our Community

By Teofilo Phil Tacbian

It seems as though a few cents may not buy you much these days. But don’t despair. KIUC has created a program that will allow you to put a few cents every month to very good use.

The Makana Program is the gift of giving to organizations in our community. The concept is easy. Participating members agree to have their electric bill rounded up to the next highest dollar, and that money is collected for the Makana Program. For less than a $1 a month, you can make a difference.

Makana is completely voluntary. KIUC members “round up” their electric bill to the next highest dollar and donate that amount to the program. For example, if your bill for the month was $150.85, you could round it up to $151 and donate the extra 15 cents to Makana. The rounded amount is shown on your monthly electric statement. The maximum amount a member can contribute in a year is $11.88.

Donations are tax deductible. A summary of yearly contributions is reported to participating members on their December billing statement.

The Makana Program is administered by the KIUC Charitable Foundation—a nonprofit organization that started in 2002 and grants funds to worthy causes throughout the island, such as Kumu’s Cupboard. A volunteer committee of members oversees the application review process. The committee makes decisions based on funds available and the community impact of requests made.

The KIUC Charitable Foundation was established to acquire, accumulate and disburse funds for charitable, scientific, education and public purposes in our local community. Contributions from the Makana Program will significantly increase the reach and impact of the foundation.

A little change can make a big difference. Find out more on the KIUC website under the “Community” tab or look for Makana in Smart Hub. A few pennies a month could add up to great benefits to our beloved island of Kaua‘i.

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Current Service Detail

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2020 Calendar of Student Art

Congratulations to all of the winners of the 2020 Calendar of Student Art. Look for your calendar in the mail soon!

Calendar Winners

**January**
Alinarose Poblacion  
First Grade, Kapa’a Elementary School

**February**
Elise Lawhon  
Second Grade, Island School

**March**
Leela Drolson  
Third Grade, Kīlauea School

**April**
Gabruella Sahagun  
Fourth Grade, Wilcox Elementary School

**May**
Daniel Lozar  
Fifth Grade, Kawaikini PCS  
(Ten Thousand Hands Art Studio)

**June**
Ashlyn Bloxsum  
Sixth Grade, Kapa’a Middle School  
(Ten Thousand Hands Art Studio)

**July**
Wailani Olanolan  
Seventh Grade, Kapa’a Middle School

**August**
Aveda Maligro  
Eighth Grade, Chiefess Kamakahelei Middle School

**September**
Reyn Wells  
Ninth Grade, Island School

**October**
Tahca Zepher  
Tenth Grade, Kapa’a High School

**November**
Lily Seres  
Eleventh Grade, Kapa’a High School

**December**
Patrick Urbina  
Twelfth Grade, Kaua’i High School

Honorable Mention Winners

Kaira Terui, Kindergarten, Wilcox Elementary School

Urijah Burley, Second Grade, Kapa’a Elementary School

Matthew Mellor, Second Grade, St. Catherine School

Max Mottley, Second Grade, Wilcox Elementary School  
(Ten Thousand Hands Art Studio)

Caroline Valle, Third Grade, St. Catherine School  
(Ten Thousand Hands Art Studio)

Olivia Baker, Fourth Grade, Island School

Lukia Lozar, Fifth Grade, Kawaikini PCS  
(Ten Thousand Hands Art Studio)

Aaliyah Tandoc, Fifth Grade, King Kaumualii Elementary School

Rylee Fabiana, Seventh Grade, Ka ‘Ohā/Kanu O Ka ‘Āina New Century Public Charter School

Shyan Hughes, Seventh Grade, Chiefess Kamakahelei Middle School

Deandrei Gonzales, Eighth Grade, Waimea Canyon Middle School

Rayna Shafter, Ninth Grade, Island School

Elijah Ibbs, Tenth Grade, Island School

Mele Manintin, Tenth Grade, Kaua’i High School

Edelyn Marquez, Eleventh Grade, Kaua’i High School

Kahakai Rodrigues, Eleventh Grade, Kaua’i High School

Lana Ersoy, Twelfth Grade, Kapa’a High School  
(Ten Thousand Hands Art Studio)
Dear KIUC,

Thank you for buying us the wobbly chairs and the bouncy chairs. My favorite is the wobbly chairs because it helps me do my work and it makes me focus. I appreciate you guys.

Love, Lauryn

Dear KIUC,

Thank you for the wobbly chairs and the bouncy chairs. My favorite is the wobbly chairs because it makes me focus more. You guys are the best ever!!

Love, Ethan

Dear KIUC,

Thank you for buying fun chairs and the wobbly chairs and the bouncy chairs. My favorite is the wobble chair because I like to wobble a lot.

Love, Mason

Dear KIUC,

Thank you for the wobbly chairs. I like to go on the wobbly chairs. It is fun. You guys are the best.

Love, Trey

Kalaheo School’s class was the recipient of KIUC’s Sharing of Aloha grant for the wobbly chairs.
Breakfast Casserole

8 sausage patties, chopped
1 package bacon, chopped
1 medium crown of broccoli, chopped
1 onion, chopped
1 tray mushrooms, sliced
1 package frozen chopped spinach
1 cup shredded pepper jack cheese
½ package frozen hash browns
½ block butter, melted
2 cups crushed corn flakes
12 eggs
1 teaspoon garlic salt

Heat oven to 350 F.

In a large pan, sauté bacon until browned. Add sausage patties, frozen spinach, onions, broccoli and mushrooms. Place frozen hash browns in a 9x13 pan. Add sausage and vegetable mixture. Crack eggs in a large bowl, and whisk. Add pepper jack cheese. Pour egg mixture over everything in the pan. Top with corn flakes. Drizzle melted butter over flakes. Bake for 30 minutes.

Buffalo Chicken Dip

1 block cream cheese
1 cup blue cheese
2 cups shredded rotisserie chicken
½ cup Franks Red Hot sauce

Heat oven to 350 F.

Combine all ingredients in a bowl. Bake for 20 minutes. Serve with celery sticks or your favorite bread.
Kaua‘i Shrimp in Jack Fruit Jackets

12 Kaua‘i shrimp
1/4 jackfruit
2 tablespoons vegetable oil
2 teaspoons salt
1 teaspoon paprika
1 teaspoon cayenne pepper
1 teaspoon Cajun seasoning, optional

Prepare the jackfruit by peeling it, removing the seeds and pulling off the yellow pockets that enclose the seeds. You will need one pocket or “jacket” per shrimp. Use gloves when handling jackfruit to avoid the sticky residue.

Peel and de-head the shrimp, saving heads and shells for a future soup.

Dry the shrimp. Sprinkle it with salt, paprika, cayenne pepper and your favorite spicy seasoning.

Heat oil in a frying pan. Sauté shrimp until barely cooked, about 3 minutes. Remove from pan to cool slightly. Place each shrimp in a jacket. Secure with a toothpick, if desired.

Squeeze juice from 1/2 lime over shrimp and fruit. Garnish with remaining lime slices.

Recipe and photo by Kathy Chamberlain, Princeville

Baked Brie

1 wheel brie
1/3 cup dried cranberries
Heat oven to 350 F.

Bake brie in a shallow dish for 15 minutes. Remove from oven and arrange on a plate with cranberries and apples. Serve with crackers.

Meat & Cheese Tray

Gather an assortment of your favorite cheeses, meats and crackers. Arrange on a large tray or cutting board. Serve.
Cheesy JABS Dip

1 jalapeño, seeds removed, diced
1 can artichoke hearts, chopped
1 package bacon, cut into ½-inch pieces
Heat oven to 350 F.
Fry bacon until brown. Add frozen spinach until cooked through. In a large bowl, combine all ingredients and place in a 9x9 pan.
Bake for 20 minutes. Serve with bread or crackers.

Tuna & Tofu Patties

1 tray extra firm tofu; drained and crumbled
1 can tuna, drained
1 carrot, diced
6 mushrooms, diced
2 stalks celery, diced
10 green beans, chopped
3 eggs
1 teaspoon salt
Combine all ingredients in a large bowl. Form into patties. Fry on medium heat for 7 minutes on each side until vegetables are cooked through.

Bacon Blue Burger Stuffed Peppers

3 bell peppers, cut in half and seeded
1 pound ground beef
1 package bacon, cut into ½-inch pieces
1 onion, diced
Heat oven to 350 F.
In a pan, fry bacon pieces until browned. Add the ground beef, onion, mushrooms, garlic salt and pepper. Cook for about 3 minutes. Add tomatoes and blue cheese. Stir. Remove from heat. Fill peppers with meat mixture and top with additional blue cheese crumbles. Bake for 30 minutes.
KIUC’s results of operations through September 30, 2019, are favorable, with renewable energy generation exceeding 50% and year-to-date electricity usage on the island 2% higher than in the prior year. Even with the increase 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 $116.0 million, $108.6 million and $7.4 million, respectively, for the nine-month period ending September 30, 2019.

As is the case for all electric utilities, the cost of power generation is the largest expense, totaling $66 million or 56.8% of revenues. Commodities, which are fuel and purchased power costs, are the largest component of power generation, totaling $54.6 million or 47.1% of revenues. Fossil fuel is the largest component of commodities totaling $24.2 million or 20.8% of revenues. Other commodities include hydro power, totaling $7.3 million or 6.2% of revenues; solar power, totaling $13.3 million or 11.5% of revenues; and biomass power, totaling $9.8 million or 8.5% of revenues. The remaining $11.4 million or 9.8% of revenues represents the cost of operating and maintaining the generating units.

The cost of operating and maintaining the electric lines totaled $4.9 million or 4.3% of total revenues. The cost of servicing our members totaled $2.4 million or 2.1% of revenues. The cost of keeping our members informed totaled $0.5 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 $11.1 million or 9.6% of revenues.

Being capital intensive, depreciation and amortization of the utility plant costs $10.9 million or 9.4% of revenues. Although not subject to federal income taxes, state and local taxes amounted to $9.8 million or 8.4% of revenues. Interest on long-term debt, at a very favorable sub-5% interest rate, totals $4.5 million or 3.9% of revenues. Non-operating net margins added $1.5 million to overall net margins. Revenues less total expenses equal margins of $7.4 million or 6.4% of revenues. Margins are allocated to consumer members and paid when appropriate.

**PERCENTAGE OF TOTAL REVENUE**

- Commodities-Fossil Fuel — 20.8%
- Commodities-Hydro — 6.2%
- Commodities-Solar — 11.5%
- Commodities-Biomass — 8.5%
- Production, Operation and Maintenance — 9.8%
- Transmission & Distribution Operation & Maintenance — 4.3%
- Member Services — 2.1%
- Communications — 0.4%
- Administrative & General Net of Non-Operating Margins — 8.3%
- Depreciation & Amortization — 9.4%
- Taxes — 8.4%
- Interest — 3.9%
- Net Margins — 6.4%
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