Bringing Energy Solutions to You

Insights

A monthly newsletter for all GPA Ratepayers • Issue No.60 • March 2022

GPA Governance & Leadership

Your elected Consolidated Commission on Utilities (CCU) holds two (2) working sessions and one (1) regular meeting monthly. Meeting location is the CCU Conference Room, Gloria B. Nelson Public Service Building in Fadian, Mangilao. For information and agendas, call the CCU Board Secretary at (671) 648-3002 or visit www.guamccu.org.

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To manage your account online, pay your bill or view your energy usage, go to paygpa.com.

ENERGY sense
Bringing energy solutions to you!

GPA Energy Sense partners with customers to provide energy solutions for lowering their power bills.

ENERGY SAVING TIPS TO REDUCE YOUR POWER BILL

SMART VIRTUAL ASSISTANT

- Connect your Virtual Assistant System (Amazon Alexa™, Google Assistant™, etc.) to WiFi enabled appliances.
- Place lights on auto-timers.
- Enable alerts for cleaning of home appliance filters (A/C, Refrigerators)

For more money saving tips visit us at **www.guampowerauthority.com/energysense**

WATER HEATING

- Set your water heater to 120 degrees. By lowering the temperature, you will reduce heat losses and also slow the mineral buildup and corrosion in your water heater and pipes. (Consult with your medical professional)
- Take short showers instead of baths. A five-minute shower uses half the water as a 25-gallon bath.
- Install low-flow restrictors in older faucets and showerheads. They will reduce water flow to less than two gallons per minute, thus reducing your hot water costs. Investing in a $10 energy efficient shower head can yield hot water savings of 25-60%.
- Install Automatic Timer

COOLING

- Purchase energy-efficient ducted or ductless air conditioning units.
- Clean A/C filters monthly.
- Schedule unit maintenance every 6 months.
- Fans cool people not rooms. Using a fan with air conditioning can allow you to raise the temperature set point on your air conditioner.
- Check to see that windows and doors are closed when cooling your home.
- Turn off fans when room is not occupied.
- Add tinting to windows, close drapes or shutters or plant shrubs and trees on east and west exposures.

ELECTRONICS

- Use a power strip to eliminate energy sneakers (phantom or vampire loads) by conveniently turning off devices not in use such as cell phone chargers and other electronics.
- Plug your devices into a power strip and shut them off using the power strip's On/Off button when not in use.

LAUNDRY

- Purchase ENERGY STAR® washers and dryers.
- Wash full load of clothes in cold water.
- When possible, hang clothes instead of using a dryer.
- Clean the lint screen every load to reduce energy costs and help prevent house fires. Periodically inspect your dryer vent to be sure it is not blocked.

LIGHTING

- Replace incandescent bulbs and compact fluorescent lamps (CFL) with light-emitting diodes (LED) lights.
- Use motion-detecting switches on outdoor lighting.
- When designed well, LED lighting can be more efficient, durable, versatile and longer lasting—so consider the long-term benefits of LEDs when making your purchasing decisions.
- Because CFL bulbs contain a small amount of mercury, they must be handled and disposed of at an authorized center (such as Harmon Transfer Station or Home Depot).

COMING SOON

ENERGY SENSE REBATE APPLICATIONS

THE BENEFITS OF APPLYING ONLINE

- ☑ No waiting in line, registrations open 24/7, save on fuel and travel time.
- ☑ Stay Safe in the security of your own home.
- ☑ Good for the environment by reducing paper waste.
- ☑ Track your rebate application status
- ☑ Receive email notification updates

WEBSITE

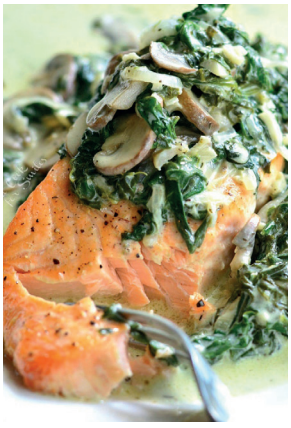


STAY TUNED TO REGISTER



GUAM HOMEOWNER ASSISTANCE FUND PROGRAM

Utility Bill Assistance through the Guam Emergency Rental Assistance (ERA) and Guam Homeowner Assistance Fund (HAF) Programs. An ERA and HAF program representative is available at the GPA Fadian Customer Service Lobby on Thursdays from 9 am – 1 pm.



Salmon with Coconut Milk and Pumpkin Tips

Fish in coconut milk

Ingredients

- 1 can red salmon
- 1 tsp salt
- ½ cup coconut milk
- ½ cup pumpkin tips, cleaned
- 1 medium onion, diced
- 1 tsp lemon juice
- 1 cup of water

Directions

Boil pumpkin tips and set aside. Place pumpkin tips in a large pot and add the salmon, onion, salt and lemon. Add water. Cover and let boil for 10 minutes. Pour coconut milk into the mixture, cover, reduce heat and let simmer. Serve with rice.

Updates

GPA Integrated Resource Plan (IRP)
The IRP has been approved by the CCU and forwarded to the Guam Public Utilities Commission (PUC) for their review. GPA anticipates discussions with PUC and its consultants as this is GPA's roadmap over the next 20 years. The plan identifies how, as a utility, GPA plans to meet Guam's future electricity needs. While no new conventional generation is expected to meet future demands GPA will continue to monitor load growth and evaluate the future state of older generating units as the Authority pursues 50% Renewable Portfolio Standard by 2030, by adding about 400MW of additional solar PV renewables. The IRP provides a portfolio of about $230M in projects and initiatives for integration of renewables. It discusses optimization of infrastructure to enhance operations and improve costs. It evaluates demand side management programs to assist in managing peak loads.

Phase II Renewables Project
All photovoltaic [PV] panels have been installed at the KEPCO 60-megawatt Mangilao Solar PV project. The project is 97.76% complete as of February 11. 2022. Commissioning and testing is targeted for April 2022 and commercial operation in May 2022. Ratepayers can look forward to the utility-scale, clean energy production and LEAC cost savings of over $1M per month. Engineering design. permitting and site clearing and grading work is ongoing for the GPA's Hanwha 60-megawatt Malojloj Solar PV project. Hanwha is anticipating to complete the site clearing and grading work around March 2022. This project [solar PV plant] is projected to come online at the end of 2023.

Phase III Renewables Projects
On January 27, 2022, the Superior Court of Guam has rendered a judgement in favor of GPA. GPA can now proceed forward towards awarding a contract to Engie Solar for phase III renewable energy resources. This project includes the installation of over 40 megawatts of solar photovoltaics and energy storage to shift delivery of the daytime produced energy to support GPA's evening peak loads.

Piti Units 8&9 Slow Speed Diesel Units Conversion
Conversion of these slow speed diesel units to burn clean, ultra-low sulfur diesel fuel, to ensure compliance with the US EPA national emission standards continues. The station's sulfur dioxide (SO2) and carbon monoxide (CO) emissions will be reduced. Piti #8 & #9 are critical for GPA's system reliability, until the new 198-megawatt Ukudu Power Plant is commissioned in 2024. Conversion work is contracted and expected to be completed by July 31, 2022.

New Ukudu Baseload Power Plant
Engineering design and permitting work continues. Clearing and grading of Ukudu site is ongoing. Contractors have also been cleaning the existing fuel pipeline from Nimitz to Dededo for removal of the above-ground portions to prepare for installation of new power plant fuel pipelines. Over 60% of the pipeline has been cleaned through a pigging process and approximately 30% of the exposed pipeline has been removed.

GPA has been working with Senators regarding the relocation of reserve diesel units for the Ukudu Plant units to Piti within 1500 feet of the Jose Rios elementary school. The relocation would optimize the use of the units to support the GPA grid while allowing the main baseload plant to be permitted as minor source resource. While the project is pending financial close for major construction activities to begin, progress on permitting and design continues.

The new flexible and highly efficient 198-megawatt Ukudu Power Plant will support increasing renewable penetration for future load growth within the island-wide power system by April 2024.

GPA Navy Utility Services Contract
On February 24, 2022 the Guam Public Utilities Commission (PUC) approved GPA's Petition for the GPA/Navy Utility Service Agreement. The Navy is GPA's largest customer. GPA currently provides electric service to the US Navy under a Utility Services Contract (USC) that was signed on July 31, 2012 and is expiring on July 31, 2022. GPA is the sole provider of electric service to support the Department of Defense's military mission. GPA and the Navy have successfully negotiated a new contract for GPA to provide electric utility services to Navy's facilities for the next 10 years from August 1, 2022 to July 31, 2032.