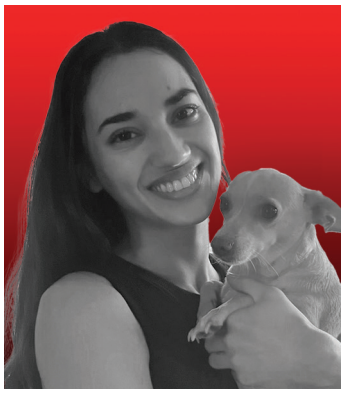
Bringing Energy Solutions to You

Insights

A monthly newsletter for all GPA Customers • Issue No. 64 • July 2022



"I just want to share my story because I know other people are struggling like I did."

I live with my many rescued animals and taking care of them alone is expensive. So when I got my power bill of $400, I thought there was no way this was me. I absolutely did not want to pay that. And I told myself I wasn't going to. I reached out to GPA to ask why my power bill was insanely high and it all came down to how much energy I consumed. Then I realized that even though I didn't change my lifestyle, the reason for my bill being so high was because gas prices were high, meaning the price of fuel was high.

I honestly never had given my power bill any thought. I assumed it would be around the same every month. But now that fuel is so expensive, I knew I needed to do something. So I did some research and really tried to understand how my bill worked. It was actually really cool getting to understand it, because then I felt like I really had control. And I actually did.

"I saw energy saving tips on GPA's social media and their website."

Also I found awesome tools that helped me figure out how much consumption use was equivalent to an amount that I could afford.

I used MyEnergyGuam.com to see my usage for the month. That website also shows you your projected usage for the rest of the month, so you can actually have an idea of how much your bill would be. I definitely went a little nerdy, but I found that GPA has a rate calculator that you can plug in your consumption amount and it will show you how much that would be.

I wanted to pay a $250 or less power bill, so I did my numbers in the rate calculator and found that around 700kWh got me that number. Then I just started to do the tips. I'm not sure the exact amount of energy being used by any appliance or whatnot, but I just tried to do them all. I first started with the huge energy suckers, like the aircon and water heater. I just stopped using my water heater and disconnected my mini freezer. With my aircon, I need to have it when I'm out at work so my animals are okay, so I leave it on at 75F from around 10am-5:30pm. When I'm home, I would open my windows and use fresh air along with floor and ceiling fans. My fans are on like 24/7. I unplug everything when I don't use it, except for my refrigerator. I turn off the lights when I'm not in that area. I wash my clothes in full loads and dry them in the lowest heat setting. And I use black out curtains to keep the heat out and boy do they work!

So really, using the tools I found on GPA's website and really controlling how much energy I used, I was able to see my consumption decrease from the previous month, and it feels really good seeing that. I just wanted to share my story because I know other people are struggling like I did and I just hope that my story helps.

Sincerely,

Chanel Victoria

Residential Customer, 11 years

Want to share your testimony?
Email us at customersfirst@gpagwa.com

GPA Teams Up with the National Weather Service Guam to Help Beat the Heat

We teamed up with Brandon, Science and Operations Officer, and Landon, Warning Coordination Meteorologist, our local experts, to tell us why Guam is so maipe! Follow us on our socials for tips to cool your home year-round and lower your power bill.



BRANDON'S TIP:
"Water blasting and painting your roof white will help reflect the sun away from your house."



LANDON'S TIP:
"Keep your curtains drawn or your typhoon shutters closed on the sun-facing side of your home."

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 more information and agencies, call the CCU Board Secretary at (671) 648-3002 or visit www.guamccu.org.

Joseph "Joey" T. Duenas (Chairman)
T (671) 686-1512
E joey49duenas@gmail.com

Francis E. Santos (Vice Chairman)
T (671) 482-9355
E francis.santos@gpagwa.com

Michael Limtiaco (Secretary)
T (671) 888-6280
E mlimtiaco671@gmail.com

Simon A. Sanchez II (Commissioner)
T (671) 488-1010
E gdcmgr@guamdrycleaners.com

Pedro Roy Martinez (Commissioner)
T (671) 488-1957
E pmguam@gmail.com

John M. Benavente, P.E. (General Manager)
T (671) 648-3225
E jbenavente@gpagwa.com

View your energy usage at paygpa.com

Land Lease Agreement Moves Ukudu Power Plant Project Forward

The Guam Power Authority thanks Senator Joe San Agustin for authoring Bill 301-36 (LS) and the 36th Guam Legislature for their support of the land lease agreements between GPA and Guam Ukudu Power LLC, the final piece needed to fully activate funding for the highly efficient 198-MW power plant in Ukudu and the 41-MW clean-fueled reserve plant in Piti. Both projects are scheduled for commissioning in 2024.

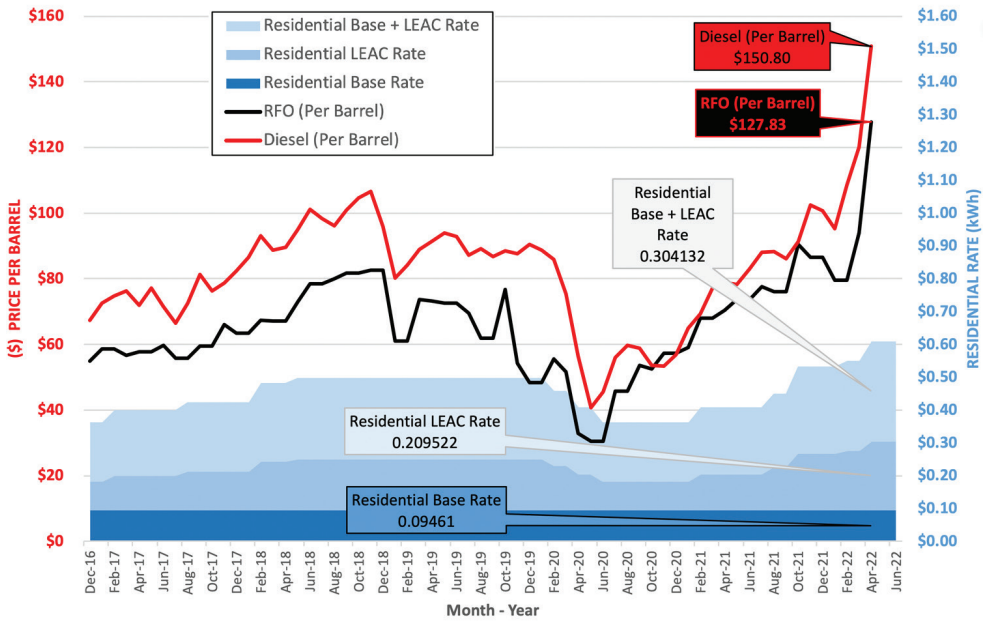
Public Law 36-104 creates clarity in the land lease agreements between GPA and Guam Ukudu Power for the duration of the 25-year energy conversion agreement. This new law was an important step in moving the plans forward. Guam Ukudu Power's financial arm activated the additional half-a-billion-dollar investment to begin construction on the Ukudu and Piti projects. GPA is another step closer to retiring the old, fragile, and costly Cabras plants and building and operating brand new fuel-efficient power plants which will burn cleaner fuel, produce 99.4% cleaner emissions, and allow for more renewable energy.

Understanding the History of the LEAC

For two years, the price of a barrel of oil plateaued at close to $100 a barrel. In mid-2020 during the COVID-19 pandemic, the Levelized Energy Adjustment Clause (LEAC) went on a steady decline then rose steadily throughout 2021 as countries reopened and demand for fuel increased.

Today, the LEAC is at an all-time high and fuel prices continue to increase. The supply versus demand and major world events contribute greatly to how fuel is priced. What has remained the same since 2015 is the Residential Base Rate, the fee GPA collects to maintain its operations. GPA has managed to stay within these costs for decades, which means that GPA has been efficiently operating within its means to be able to keep costs down for its customers.

Base / LEAC / Combined Residential Rate vs Diesel / RFP (Price Per Barrel)
December 2016 - April 2022





New Solar Farm Begins Supplying Energy to GPA Customers

On June 20, KEPCO Mangilao Solar, LLC (KMS) officially commissioned its new 60-megawatt Mangilao Solar photovoltaic farm in Mangilao and began supplying the Guam Power Authority with the additional wattage that now supports the island's ever-growing demand for clean and renewable energy. The 141,000,000 kWh contracted from KMS each year will produce energwy for 14,000 residential customers for an entire year.

GPA General Manager John Benavente, P.E. said, "The addition of 60 megawatts of solar energy will help to offset high LEAC costs. The savings from purchasing wattage from the Mangilao solar farm are being realized at an $0.085/kWh cost to GPA now, an estimated 1.9M savings per month for our customers based on today's cost per barrel. Savings are currently being eclipsed by the rising fuel prices, but once prices stabilize, customers will begin to see significant savings."

The Mangilao solar farm is another important step toward reducing Guam's reliance on imported oil, estimated 250,000 barrels in the first year.

Did You Know?

- Guam's initial renewable energy goal of 25% renewable energy by 2035 was established in 2008 by Public Law 29-62.
- In 2019, the Guam Legislature challenged GPA to increase that goal to 50% renewable energy by 2035 and 100% by 2045 (P.L. 35-46).
- GPA is on pace to reach 25% renewable energy by 2025 with the addition of the Dandan and Mangilao solar farms and will meet the 50% goal by 2030, five years ahead of schedule.
- Guam is on its way to become 100% reliant on renewable energy by 2045.

Thank you for asking...

Why is my power bill so high when I haven't done anything different?
The reason is the exponential rise in the price of oil, worldwide. Just like the increase in the price of a gallon of gas for your car, the rise in LEAC, which is the cost of the fuel GPA uses to generate energy, is necessary. This is why your monthly power bill has increased even if your energy consumption has not. Reducing your energy consumption will reduce your power bill.

Are GPA's power-saving tips really going to help reduce my power bill?
Yes! If you make a genuine effort to use only the electricity you need, you can help reduce your monthly power bill. Visit Energy Sense on our website for power-saving tips.

Shouldn't GPA customers see savings from the Mangilao Solar Farm?
Yes, the addition of the Mangilao Solar Farm has resulted in savings to GPA and our customers. The unrelenting rise in the cost of fuel to run our power plants has veiled those savings. Once the price of oil decreases and stabilizes, the savings will be realized.

How is the money I pay GPA used?
The largest cost is for fuel; about 73 cents out of every dollar. 27 cents out of every dollar you pay GPA is used for operations to pay debt service and the transmission and distribution of the electricity to Guam's homes and businesses. It has been a long-standing mission for GPA to keep operational cost stable. In fact, GPA has raised the base rate by less than 4 cents in the past 25 years.

What is the cause of most of Guam's power outages?
Improvements to our transmission and distribution system are needed and are occurring, island wide. These improvements plus the eventual retiring of our old, antiquated Cabras plants and getting our new power plant on line will result in greater efficiency, significant stability and an almost 90% reduction in unscheduled power outages. We're almost there.

Your team at GPA has been serving Guam for 54 years. We want to hear from you about what you'd like to learn or how to better serve you.
Email us at customersfirst@gpagwa.com or send us a ***Direct Message*** on our Facebook.