GUAM ENERGY OFFICE

Ufisinan Alentos Guåhan

Governor Lourdes A. Leon Guerrero
Lt. Governor Joshua F. Tenorio
Director Rebecca J. Respicio

2019 AUG 22 AM 11:40

August 22, 2019

Honorable Tina Muna-Barnes
Speaker
35th Guam Legislature
Guam Congress Bldg.
163 Chalan Santo Papa
Hagatna, Guam 96910

36L-19-0920
Speaker Tina Rose Muña Barnes

AUG 2 2 2019
Time 10:52 (X)AM ( )PM
Received By: ACG

Hafa Adai! Speaker Muna-Barnes,

Submitted herewith is the Guam Energy Office's FY 2018 Citizens Centric Report referencing P.L. 30-127.

Please contact me should you have any questions on the enclosed report at 646-4361. Si Yu'os Ma'åse.

Sincerely,

for REBECCA J. RESPICIO
Director

Enclosure

0920

548 North Marine Corps Drive, Tamuning, Guam 96913
Tel: (671) 646.4361 • Fax: (671) 649.1215
energy.guam.gov

SOLAR CONSERVATION ENERGY EFFICIENCY WEATHERIZATION

GUAM ENERGY OFFICE
Ufisinan Alentos Guåhan

INSIDE THIS ISSUE

ABOUT GEO	1
PROGRAMS	2
FINANCES	3
CHALLENGES/OUTLOOK	4

REBECCA J. RESPICIO, DIRECTOR

A REPORT TO OUR CITIZENS

Fiscal Year 2018 Citizens Centric Report **Posted August 2019**

ABOUT GUAM ENERGY OFFICE

The Guam Energy Office (GEO) is a small line agency within the Executive Branch of the Government of Guam. The Agency is 100% federally funded through the assistance of U.S. Department of Energy to implement grant programs focused on promoting energy efficiency and renewable energy to reduce energy consumption, reduce reliance on foreign oil, and reduce greenhouse gas emissions.

Michelle Marquez, GEO Staff (front left) provides outreach and education to qualified families under the weatherization assistance program.





OUR STRATEGY

The Guam Energy Office is committed to promote energy efficiency and provide energy-saving solutions to assist with reducing fossil fuel dependency, to partner with others to deploy renewable technologies, and to help reduce greenhouse emissions and protect the environment.

548 N. Marine Corps Drive, Tamuning, GU 96913 Tel(671)646-4361 Fax(671)649-1215 Website: energy.guam.gov

Doc. No. 35GL-19-0920.



Energy Outreach Session



Energy Expo



Poster & Essay Contest

STATE ENERGY PROGRAM

The State Energy Program provides technical assistance on energy data for GovGuam agencies for economic analysis, hold training and workshops on energy related topics, sponsor annual energy poster & essay contest for schools, and much more. GEO sponsored its annual Poster & Essay Contest to public and private school students ranging from grades 1st to 12th. This contest allows participates to engage discussions in the classroom and with their families on the importance of smart energy choices to reduce energy waste and increase energy sustainability. In addition, GEO held the Energy Outreach Session at the Pacific Star Hotel with attendees from various government of Guam agencies and legislative officials to hear from the Guam Energy Office, Guam Power Authority, and Joint Region Marianas on the latest and upcoming energy projects on Guam. Finally. GEO held its annual Energy Expo where various public and private partners showcased their programs and products on energy technologies to reduce energy consumption.

PLUG-IN ELECTRIC VEHICLE REBATE PROGRAM



The Plug-In Electric Vehicle Rebate Program provides local funding for GEO to administer to island resides who purchase a new electric vehicle from a participating dealership a rebate of up to $3,000. The program is to encourage island residents to purchase electric vehicles to reduce their cost at the fuel pump and realize savings of about $200. During the fiscal year, GEO continues to promote the program at various outreach events.

WEATHERIZATION ASSISTANCE PROGRAM

The Weatherization Assistance Program (WAP) provides funding to States & Territories to help reduce energy costs for low income households by increasing the energy efficiency of their homes while ensuring their health and safety. GEO continues to reach out to eligible elderlies, individuals with disabilities, and families with children to apply and receive free WAP services. Based on household income and acceptable housing infrastructure, GEO conducts whole-house approach analysis to determine replacement of refrigerators, lighting and air-cooling units including installation of weather strips on windows/doors, low-flow aerators on faucets, and smoke detectors.

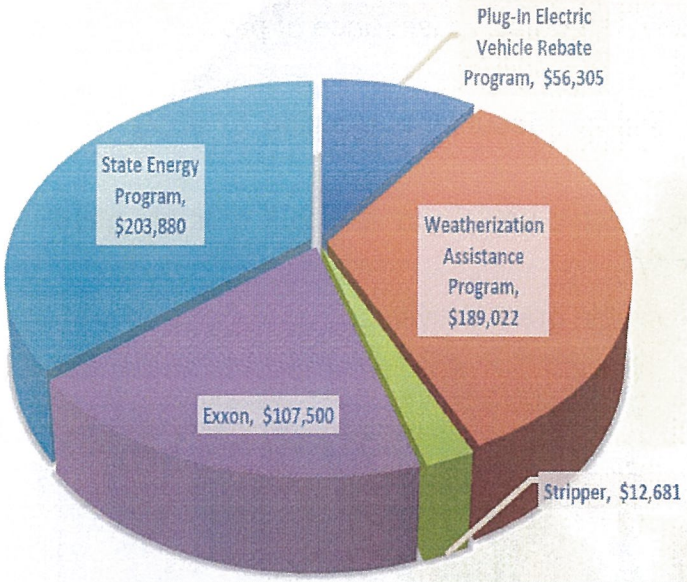




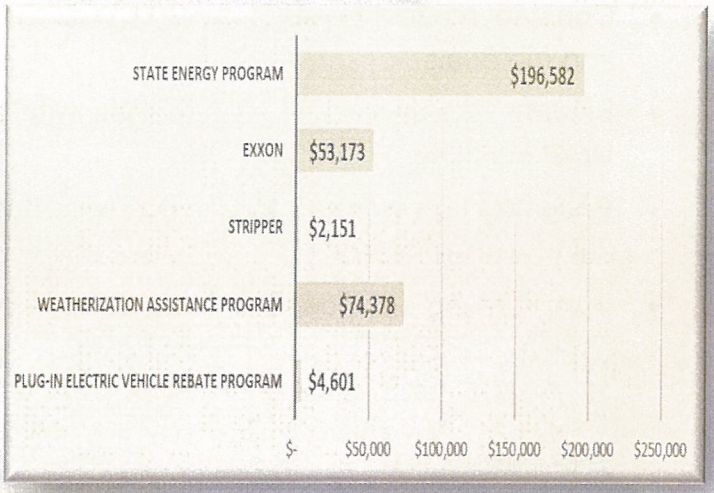




REVENUES



EXPENDITURES



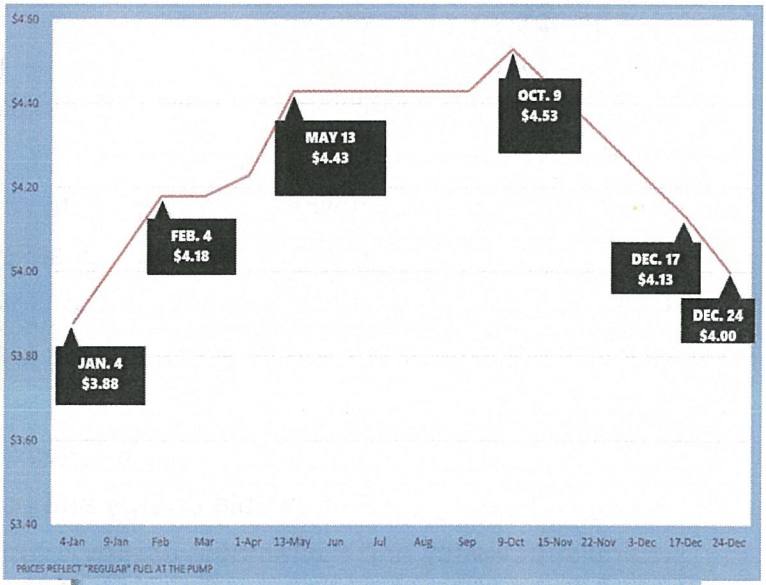
The Government of Guam Single Audit Report ending September 30, 2018 (inclusive of GEO's grants) was released on June 26, 2018 by the Office of the Public Auditor. Visit www.guamopa.org for more information.

GEO continues to compile fuel and power data from petroleum companies, government of Guam agencies/ departments and others through internal and external resources.

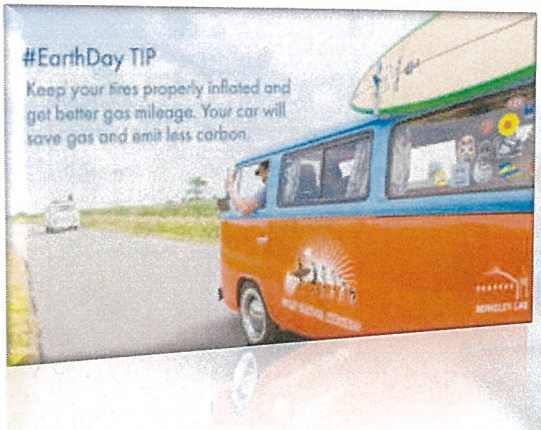
2018 CONSOLIDATED REPORT OF ACTUAL FUEL SALES BY PETROLEUM COMPANIES

Type of Refined Oil Products	Fuel sales by Petroleum Companies
UNLEADED REGULAR MOTOR GASOLINE	47,700.40
UNLEADED MIDGRADE MOTOR GASOLINE	282.00
PREMIUM MOTOR GASOLINE	6,444.90
NO. 2 DIESEL OIL < 5 PERCENT SULFUR	48,840.70
KEROSENE-TYPE JET FUEL (Jet A-1)	48,917.60
PROPANE, CONSUMER GRADE	4,056.00
TOTAL	156,241.60

Note: Amounts are in Thousands of Gallons.



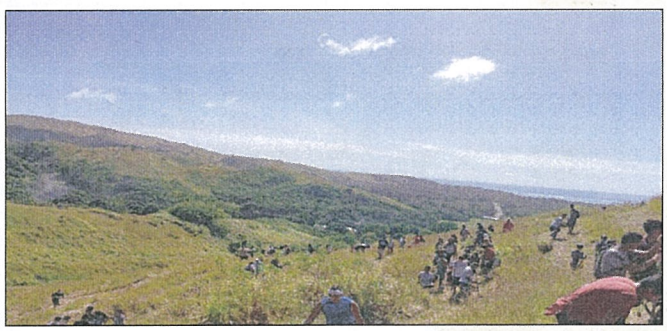
2018 FALLING GAS PRICES



As indicated on the above chart, retail gas prices at the pump station shown a steady increase with its highest price at $4.53/gal in October. However, during the holiday season gas prices dropped several times, ending the year at $4.00/gal on Dec. 24th.

CHALLENGES

- Constant moving target to start projects as a result of delay on issuance of procuring services and materials.
- Finding eligible low-income families with appropriate documents wanting to apply for free WAP services.
- Encouraging residents to consider purchasing electric vehicle to zero out monthly gasoline cost, receive federal tax credit and rebate money.
- Incorporating unfunded local mandates into allowable grant activities.



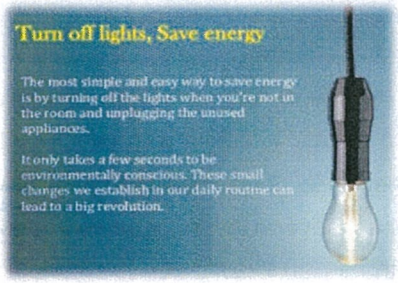
GEO was one of many partners at the DoAg tree planting event.



GEO staff/JFK ROTC—Islandwide cleanup

FUTURE OUTLOOK

- Plan and implement allowable energy projects/activities tailored to the island community utilizing federal dollars.
- Continue leveraging dollars by tapping into other funding sources, i.e. DOL Senior Citizen part timers to assist with clerical tasks, housekeeping, and yard work.
- Collect energy data for technical support to GovGuam entities.
- Continue dialog with national, regional, local public entities and organizations regarding energy related information.
- Work with public and private sectors addressing major construction build-ups to incorporate energy efficiency and renewable energy and promote energy diversification leading to the island's resiliency and sustainable energy future.



GUAM ENERGY OFFICE

