



# GUAM ENERGY OFFICE

## FY 2014 CITIZEN-CENTRIC REPORT

September 2015

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### OUR VISION

To secure, sustain and provide an economical future for Guam.

### OUR VALUES

- ◆ Enhance environmental sustainability
- ◆ Continue outreach and education.
- ◆ Make a strong, long-term commitment to implement cost-effective energy efficiency as a resource.
- ◆ Broadly communicate the benefits of & opportunities for energy efficiency & energy conservation.
- ◆ Promote sufficient, timely, and stable program funding to deliver energy efficiency and conservation measures where cost-effective.
- ◆ Strengthen accountability for projects and programs.
- ◆ Deliver outstanding customer service.



PETER S. CALVO  
Director

### ABOUT GEO

The Guam Energy Office is a line agency within the Executive Branch of the Government of Guam. The Agency serves the general public by promoting energy efficiency to reduce reliance on imported fuel, reduce greenhouse gas emissions that affect global climate change, and reduce energy costs and consumption for consumers, businesses, and government.

GEO is committed to continue leading our island towards energy efficiency and conservation and promote sustainable and renewable energy. Through our grants, GEO continues to provide energy saving measures through the Weatherization Assistance Program. In addition, GEO completed the solar water heater rebate pilot program which serviced over 50 homes that are now benefiting from the energy savings. We also completed the installation of an additional 10 solar water heaters into public homes for low-income families. We continue to track fuel sales, government of Guam energy consumption, and the yearly average gas prices that are published on our GEO website.

**ENERGY EFFICIENCY! GOOD FOR YOU! GOOD FOR GUAM!**

“To mobilize local resources to work with the Federal Government and the private sector in order to best allocate fuels available to the Territory of Guam; and to determine which energy conservation measures and practices best slow the growth rate of energy consumption, assure adequate supplies of energy and fuels for necessary uses, reduce energy waste, preserve natural resources, and protect the environment.”

P.L. 12-100

### OUR MISSION



548 N. Marine Corps Drive  
Tamuning, GU 96913  
Tel: (671) 646-4361  
Fax: (671) 649-1215  
www.guamenergy.com



### STATE ENERGY PROGRAM

Through our State Energy Program grant, the Guam Energy Office held its annual Energy Expo during Energy Month held in October 2014. Many of our local vendors participated in the expo by showcasing their latest energy efficient products to include renewable energy such as solar photovoltaic and solar water heaters. In addition, various government agencies joined in to educate our community on various energy saving methods and ideas. GEO included energy conservation and energy savings activities that involved our elementary, middle and high school students. GEO received high student participation in the poster and essay contest from our elementary and middle school students while our high schools students participated in a science project. Participation and presented in numerous energy related concerns as part the GEO outreach effort and on-going promotion of island-wide sustainability perspectives.



Generating electricity using wind.



Energy Efficiency & Conservation



Energy Efficiency & Conservation Block



SEP RETROFIT OF PUBLIC & GOVERNMENT BUILDINGS - GUAM MEMORIAL HOSPITAL

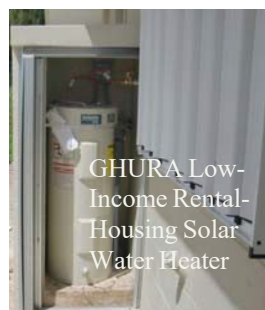


### WEATHERIZATION ASSISTANCE PROGRAM

The Guam Weatherization Assistance Program (WAP) grant provides services to income eligible clients by installing energy efficient measures into homes based on an energy home assessment. Type of energy efficient measures may include replacement of lighting, low-flow faucet aerators and showerheads, refrigerators, window air conditioners, water heaters and minor health and safety measures. GEO, in partnership with Guam Housing and Urban Renewal Authority (GHURA) continues to help the elderly, people with disabilities, low income households and the Guam community at large.



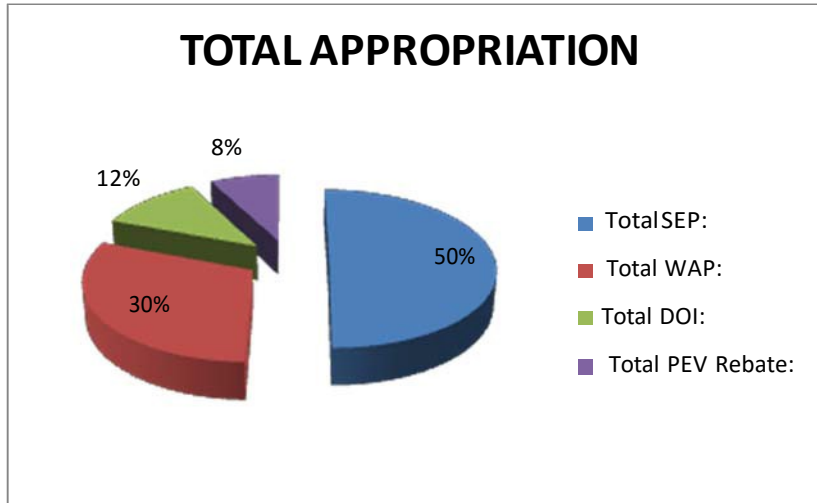
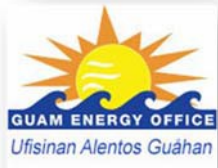
GHURA Low-Income Rental Housing



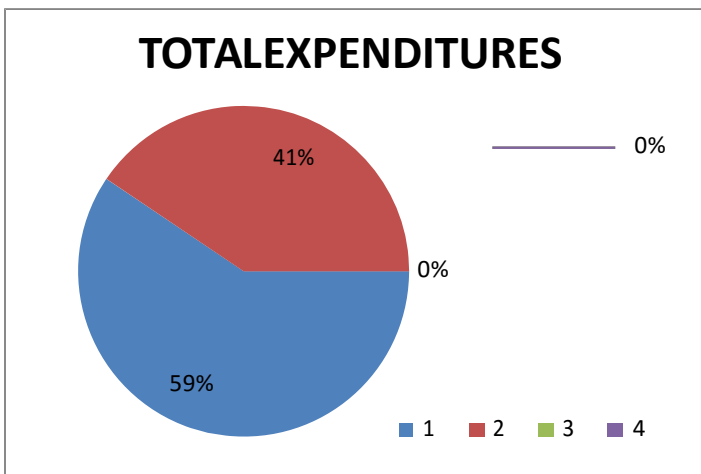
GHURA Low-Income Rental-Housing Solar Water Heater



1. STATE ENERGY PROGRAM	\$ 652,826.95
2. WEATHERIZATION ASSISTANCE PROGRAM	\$ 396,451.55
3. DEPARTMENT OF INTERIOR TROPICAL ENERGY CODE GRANT	\$ 150,000.00
4. PLUG-IN ELECTRIC VEHICLE PROGRAM	\$ 100,000.00
<b>TOTAL</b>	<b>\$ 1,299,278.50</b>



1. STATE ENERGY PROGRAM	\$ 445,643.10
2. WEATHERIZATION ASSISTANCE PROGRAM	\$ 304,218.16
3. DEPARTMENT OF INTERIOR TROPICAL ENERGY CODE GRANT	\$ 0.0
4. PLUG-IN ELECTRIC VEHICLE PROGRAM	\$ 0.0
<b>TOTAL</b>	<b>\$ 749,871.26</b>





The Guam Energy Office continues its efforts on providing energy efficiency information and education to the public. With greater community interest in renewable energy, GEO has moved forward to train its staff in solar photovoltaic and other renewables so as to provide better guidance to our citizens. In addition, GEO is providing the community a foundation to basic energy efficiency and energy conservation practices before moving forward to larger energy saving investment, such as solar water heaters, etc. The *"10 Steps to Home Energy Efficiency"* provides the community information on saving and conserving energy.

- PROVIDE EFFICIENT & EFFECTIVE INTERNAL CONTROLS:
  - Refocus skill sets
- APPLY FOR FEDERAL FUNDS:
  - U.S. Department of Energy State Energy Program
  - U.S. Department of Energy Weatherization Assistance Program for Low-Income Persons
  - U.S. Department of Interior, Office of Insular Affairs
  - Other: Exploring local funding sources
- CREATE OPPORTUNITIES FOR MORE PRIVATE-PUBLIC PARTNERSHIP / ARRANGEMENTS
  - Guam Power Authority—Demand-Side Management Revolving Loan Program
  - Guam Renewable Energy Association
  - Guam Building Code Council
  - Guam Energy Task Force
- PUBLIC OUTREACH AND EDUCATION ON ENERGY EFFICIENCY, CONSERVATION, AND RENEWABLE ENERGY
  - Public and Private schools
  - Residential and Commercial
  - Workshops and Conferences
  - Community Events & Expositions
- CONTINUE WITH THE GUAM STRATEGIC ENERGY PLAN 20X20 GOAL
  - Energy Awareness & Advocacy
  - Energy Efficiency
  - Renewable Energy
  - Transportation
  - Energy Supply Diversification

