

# GUAM ENERGY OFFICE

## FY 2012 CITIZEN-CENTRIC REPORT

August 2013



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#### *OUR VISION*

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

#### *OUR MISSION*

“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

### ABOUT GEO

The Guam Energy Office is a small 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. The Alternate Renewable Energy Unit and the Energy Efficiency & Conservation Unit administer these services and responsibilities.

### STRATEGIC GOALS

- Goal 1** Expanding public outreach on energy efficiency and conservation
- Goal 2** Establishing a demand-side management revolving loan program
- Goal 3** Exploring waste-to-energy options
- Goal 4** Influencing the transportation sector: anti-idling legislation, vehicle registration fees, and electric vehicles

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*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 and opportunities for energy efficiency and conservation.
- ◆ Promote sufficient, timely, and stable program funding to deliver energy efficiency and conservation measures where cost-effective.
- ◆ Strengthen accountability for projects and programs.

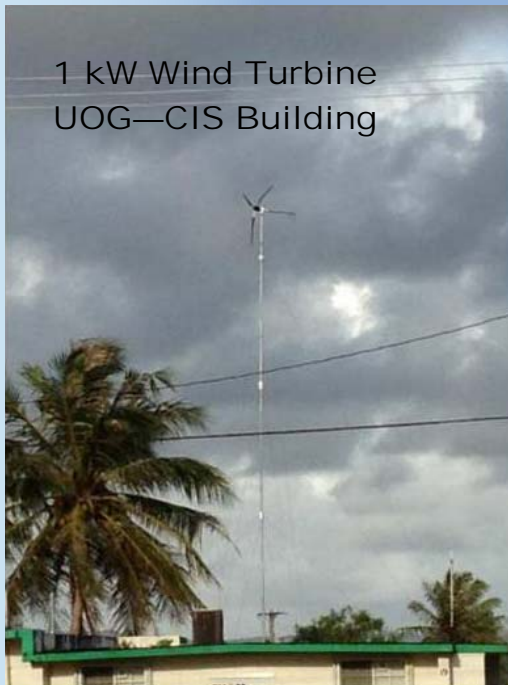
ALTERNATIVE RENEWABLE ENERGY



Office of the Director

- Provide for Energy Action Planning
- Provide for Strategic Energy Planning
- Provide for Customer Feedback & Surveys
- Provide for Federal Grants Management
- GovGuam-wide support activities
- Outreach

1 kW Wind Turbine  
UOG—CIS Building

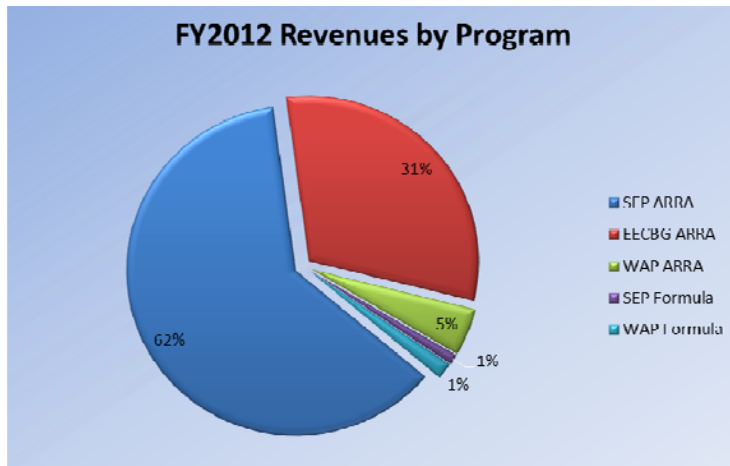


Energy Efficiency & Conservation Programs

- Provide Weatherization Assistance services to income eligible persons
- Provide State Energy Program services
- Provide outreach to the community at large
- Provide education and training opportunities
- Enhance the energy compliance program
- Provide energy efficient methods, practices and technologies
- Monitor and report quarterly power usage, consumption and any non-compliance by GovGuam departments/agencies/instrumentalities
- Publish on GEO website Gov-Guam power consumption and Kwh usage
- Monitor on a monthly basis the trend of fuel prices

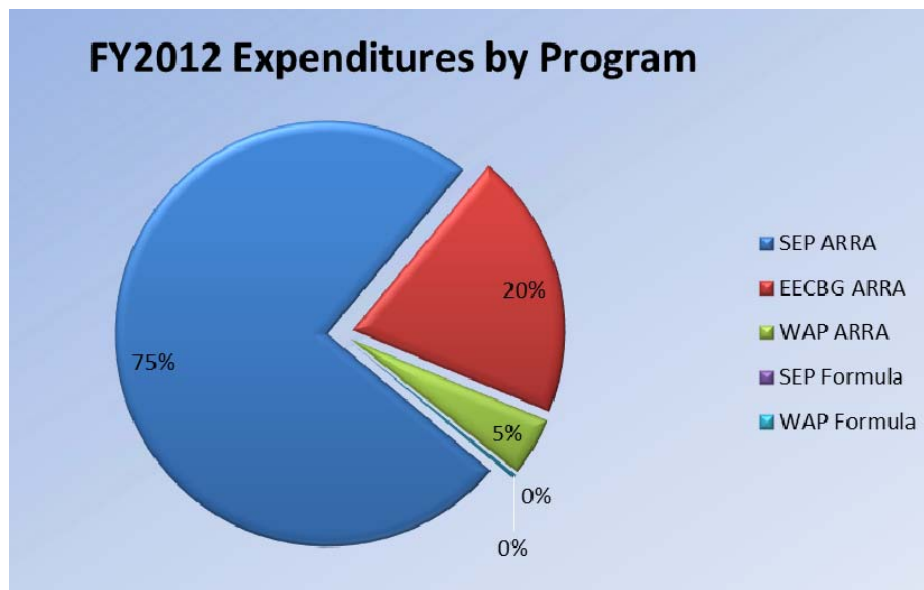
Renewable Energy Programs

- Provide outreach to the community at large
- Provide education and training opportunities
- Provide renewable energy methods, practices and technologies
- Monitor the development of renewables, its availability and cost-effectiveness
- Continue active participation on policy framework and project development for Clean Energy



Raffle winner of a solar water heater

REVENUE	GRANT EXPIRATION	FY2012
SEP ARRA	12.31.12	\$ 19,098,000
EECBG ARRA	09.18.13	9,593,500
WAP ARRA	09.30.13	1,431,132
SEP Formula	09.30.12	312,222
WAP Formula	09.30.12	495,721
<b>TOTAL</b>		<b>\$ 30,930,576</b>



EXPENDITURES	FY2012
SEP ARRA—GovGuam Retrofits/Energy Audits/Outreach	\$ 17,913,186
EECBG ARRA—Building Retrofits/Energy Audits (GovGuam Agencies/NGOs) GovGuam Streetlight Retrofits Solar Water Heater (SWH) Rebate Pilot Project; SWH for Low-Income Families Outreach	4,835,651
WAP ARRA—Energy Efficiency & Conservation Measures for Public & Private Income-eligible Residences	1,070,241
SEP Formula—Administration/Outreach	17,450
WAP Formula—Energy Efficiency & Conservation Measures for Public & Private Income-eligible Residences	73,622
<b>TOTAL</b>	<b>\$ 23,910,151</b>

- PROVIDE EFFICIENT & EFFECTIVE INTERNAL CONTROLS:
  - Restructure Divisions
  - Target non-essential or Redundant FTE
  - Conduct needs assessment
    - FTE type needed
    - Establish QRF for shortfalls or emergencies
  - Refocus skill sets
  - Provide a layoff plan
- 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
- COMPLETION OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) GRANTS
  - State Energy Program
    - Community Education, Outreach, and Training
    - GovGuam Line Agencies Energy Audits & Building Retrofits
    - Other GovGuam Agencies Building Retrofits
  - Energy Efficiency and Conservation Block Grant
    - Community Education, Outreach, and Training
    - Adoption of the Guam Energy Building Code
    - GovGuam Line Agencies Energy Audits & Building Retrofits
    - Other GovGuam Agencies and Non-profit Building Retrofits
    - Streetlight Retrofits
    - Solar Water Heater Rebate Pilot Project
    - Solar Water Heater for Low-Income Families
  - Weatherization Assistance Program for Low-Income Persons
- CONTINUE WITH THE GUAM STRATEGIC ENERGY PLAN 20X20 GOAL
  - Energy Awareness & Advocacy
  - Energy Efficiency
  - Renewable Energy
  - Transportation

*Happy WAP client. GEO employee discusses energy saving measures with a new weatherization client.*

