



Citizen-Centric Report for Fiscal Year 2010

October 1, 2009 to September 30, 2010

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Table of Contents

Performance	2
Financial Report	3
Moving Forward	4

About Guam Energy Office

The Guam Energy Office (GEO) is a small line agency within the Executive Branch of the Government of Guam. Established since 1974, GEO continues to exist per Executive Orders 83-004 and 2007-14 utilizing federally funded grants from the U.S. Department of Energy. GEO administers energy programs for the benefit of the general public by promoting energy efficiency to reduce energy costs and consumption for consumers, businesses and government, reduce reliance on im-

ported fuel, and reduce greenhouse gas emissions affecting global climate change. In 2000, GEO built its own facility located along North Marine Corps Drive in upper Tumon with Petroleum Violation Escrow dollars authorized by the U.S. Department of Energy. The building is a small scale demonstration facility featuring energy efficient measures such as energy lighting, Energy Star® office equipment, daylighting, solar applications, and much more.

DID YOU KNOW?



Turning off your lights when not in use saves money.

FY 2010 Highlights

- American Recovery and Reinvestment Act (ARRA) provided a huge financial boost for GEO to continue operations and finance upgrades to retrofit public buildings making them energy efficient to reduce government expenditures on energy bills.
- The Guam Energy Task Force was created by Executive Order 2010-15 to develop and implement a strategic energy plan to achieve energy security for Guam's future economic development and sustainability.

DID YOU KNOW?



Smart power strips help save wasted energy.





Guam Energy Office (GEO) had only \$118,000 of federal dollars to implement a couple of activities and continue operations with only 2 staff at the beginning of FY 2009. Although Executive Order 2007-14 placed GEO under the supervision of Guam Environmental Protection Agency as a solution for funding shortfall, no financial means to sustain GEO's mission and objectives materialized. However, the enactment of U.S. Public Law 111-005 creating the American Recovery & Reinvestment Act (ARRA) provided a huge financial boost for GEO to expand existing activities and hire more staff to implement new projects starting the last quarter of FY 2009.



In FY 2010, more than \$6 million ARRA federal dollars were sub-awarded to Government of Guam Agencies to conduct energy audits and to make their buildings energy efficient by installing energy efficiency lighting, solar application, cooling system upgrade, occupancy sensors, efficient water devices and pumps to reduce power consumption and better utilize water resources.

Guam Energy Office sponsored educational activities like building energy codes training, poster and essay contests, energy expos, earth day 3-D recycled artwork contests, recycled fashion clothing contests, Guahan Earth Festivals, and public service announcements to provide energy tips to reduce energy costs, invest with energy efficiency technologies, and preserve our natural resources for generations to follow. It also awarded money to Guam Hope Foundation, Miss Guam Earth, and the University of Guam (4-H) to promote Reduce, Reuse, & Recycle concepts to the island community.

- Retrofitting Public Facilities
- University of Guam
 - Guam Community College
 - Guam Waterworks Authority
 - Department of Chamorro Affairs
 - Department of Justice
 - Guam Memorial Hospital
 - Guam Visitors Bureau
 - Guam Legislature



Revenues - Where Did Our Funds Come From?

All Grants awarded by U.S. Department of Energy

State Energy Program (SEP) - ARRA

Grant Amount: \$19,098,000
 Timeframe: 04/28/2009 – 04/30/2012

Weatherization Assistance Program (WAP) - ARRA

Grant Amount: \$1,431,132
 Timeframe: 04/01/2009 – 03/31/2012

State Energy Efficient Appliance Rebate Program (SEEARP) - ARRA

Grant Amount: \$166,000
 Timeframe: 04/28/2009 – 04/30/2012

Energy Efficiency and Conservation Block Grant (EECBG) -ARRA

Grant Amount: \$9,593,500
 Timeframe: 03/19/2010 – 03/18/2013

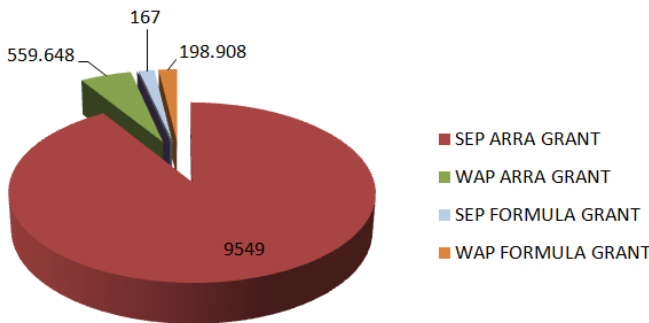
Note: Each ARRA grant has increment dates to award percentage of set dollars throughout the duration of the grant cycle.

Formula Grants (Annually):

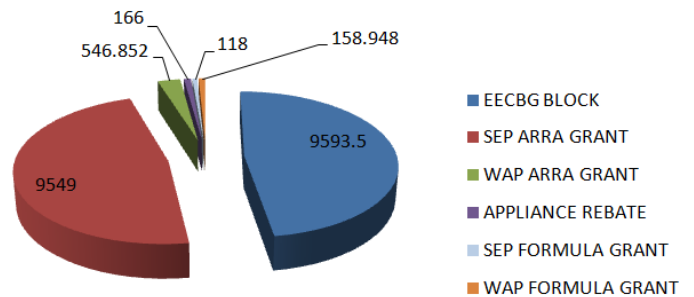
SEP FY2010: \$118,000
 WAP PY2009 & PY2010 : \$313,325



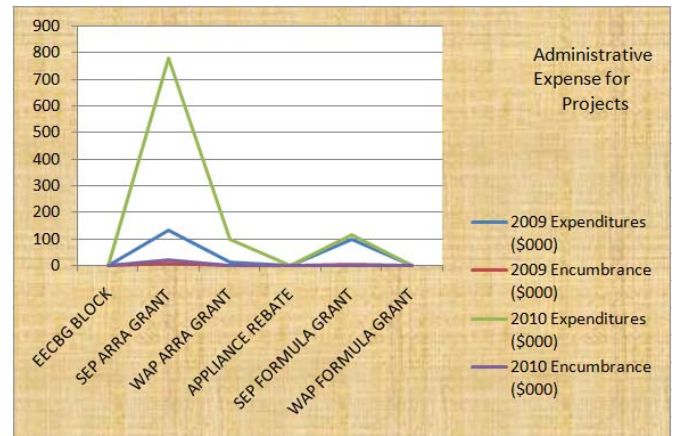
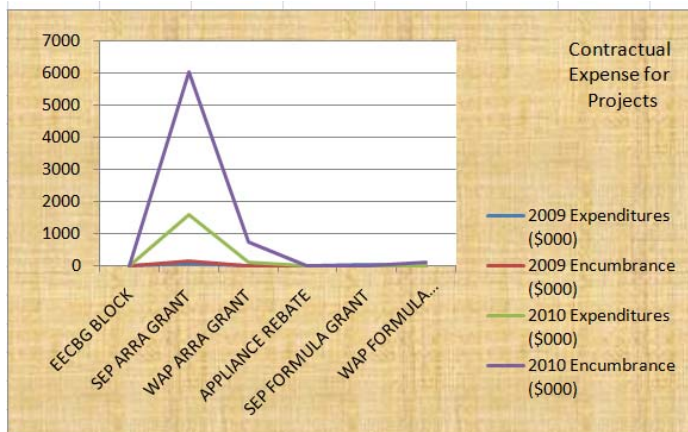
FY 2009 Revenue \$ Amount (000)



FY 2010 Revenue \$ Amount (000)



Expenditures - How Did We Spend Our Dollars ?



Upcoming Projects

Retrofitting Public Facilities

- Streetlights in Tumon & other villages
- Veterans Affairs
- Mayors' Council of Guam
- Department of Administration Data Processing Building
- Department of Corrections
- Department of Public Health & Social Services
- Department of Public Works
- Department of Parks & Recreation
- Guam Police Department
- Guam Fire Department
- Department of Mental Health & Substance Abuse
- Department of Agriculture
- Nieves M. Flores Library
- Guam Energy Office

GEO will continue to make facilities and buildings energy efficient through energy audits and retrofits by upgrading with energy efficiency technologies to reduce energy consumption and costs.

Retrofitting Non-Profit Organizations

- Guma Mami
- Asmuyao
- Sanctuary
- American Red Cross
- Law Library

Energy Efficient Appliance Rebate Program

This program is aimed to help Guam residents replace older, wasteful appliances in their home with new energy efficient models. GEO will issue appliance rebate vouchers to be used toward the purchase of a qualified Energy Star® appliance.

Rebate Amounts:

Clothes Washer	\$300
Freezer	\$300
Refrigerator	\$300
Split A/C 16 SEER	\$300 to \$500
Window A/C	\$125

Launching in December 2010

Challenges Ahead

- Although ARRA grants have a limited period of implementation, Memorandums of Understanding and contracts between GEO and sub-grantees would take up to 4 months being reviewed and approved by appropriate agencies before obligation/encumbrance of federal dollars for projects.
- ARRA grants have requirements such as complying with Buy-American Act and prohibitions like rewiring and building repairs.
- GEO would face financial shortfall once again to operate and implement energy projects by FY 2013 when ARRA grant dollars expire.

