



U.S. DEPARTMENT OF  
**ENERGY** | Energy Efficiency &  
Renewable Energy

## State Energy Program & Weatherization Assistance Program: Update

## STEAB 2012 Conference

March 14, 2012

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Acting Program Manager for  
DOE's Weatherization &  
Intergovernmental Program

## Total Recovery Act Spending As of March 5, 2012

Program	Amount Allocated	Cumulative Payments to Date (\$ million)	Percent of Total Goal Reached
Weatherization Assistance Program (WAP)	\$5.1 billion	\$4.3 billion	<b>87.2%</b>
State Energy Program (SEP)	\$3.1 billion	\$2.3 billion	<b>74.5%</b>
Energy Efficiency & Conservation Block Grant (EECBG) Program	\$3.2 billion	\$1.9 billion	<b>68.5%</b>
<b>Total: \$8.4 billion spent!</b>			

# Impacts of WAP ARRA Investments: Putting Efficiency to Work in the Economy

Weatherized  
approximately **680,000  
HOMES**, including  
**165,000 MULTI-FAMILY  
UNITS**, to date.



Estimated to save more  
than ***\$350 million in  
energy costs*** in just the  
first year, nationwide.

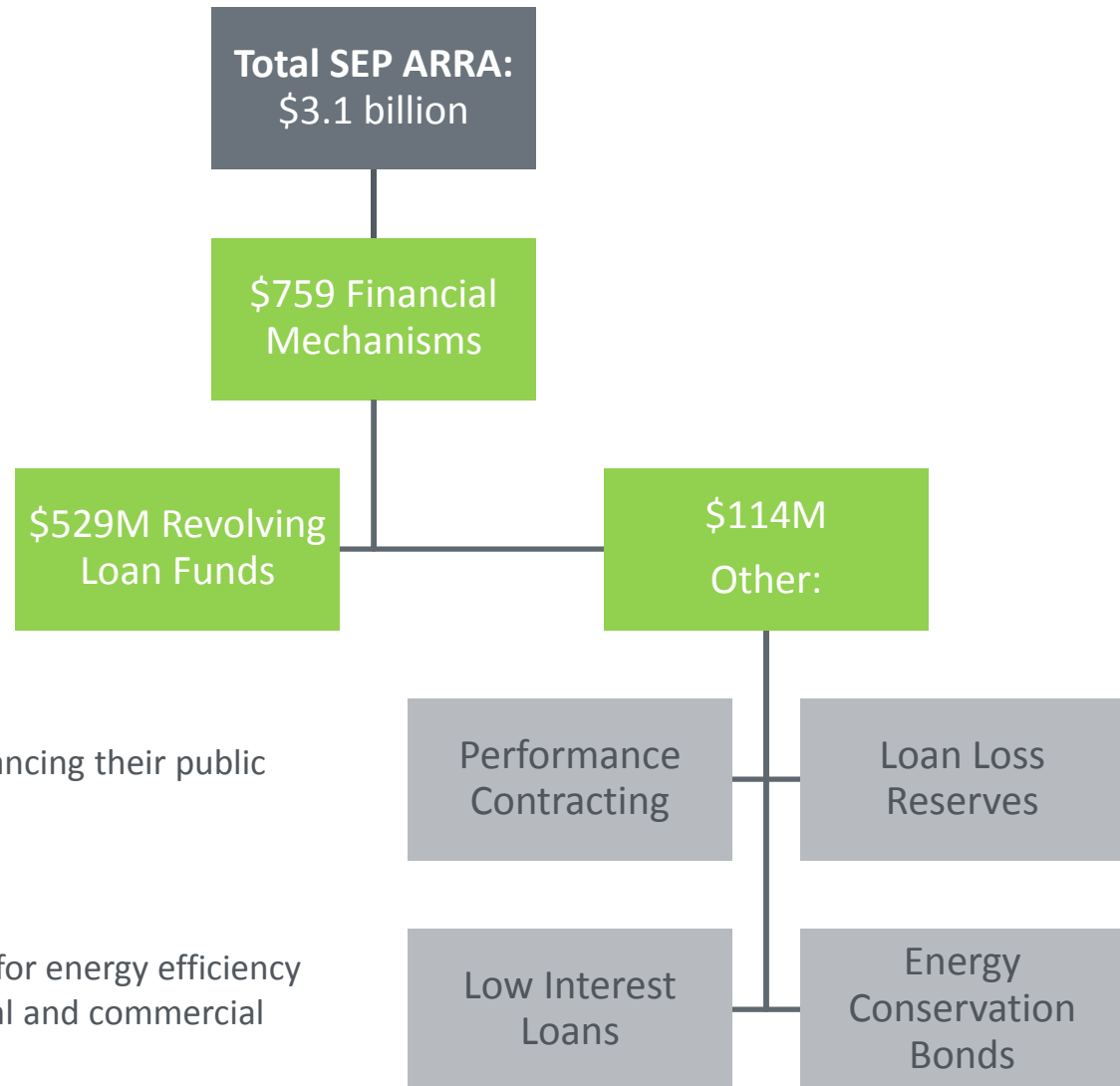


**THIRD** in job creation  
**to date**, with ***13,230  
jobs*** supported in the  
last quarter of 2011.



***32,000 homes***  
weatherized in Dec,  
2011, the highest  
month of production  
using Recovery Act  
funds to date.

# SEP Financial Mechanisms: Sustaining Efficiency into the Future



## Performance Contracting

Assisted 20 states in developing or advancing their public facilities energy retrofit programs

## Loan Loss Reserves

\$35 million deployed across five states for energy efficiency and clean energy upgrades in residential and commercial sectors

# Impacts of SEP ARRA Investments Putting Efficiency to Work in the Economy

*Selected ARRA achievements through December 2011:*



Over **4,400 jobs created** or retained in quarter ending Dec, 2011 quarter



Over **200,000 people trained** in energy audits, upgrades and installations.



*Energy Upgrades to*  
**75,000 Buildings**

Over **4,500** energy efficient **streetlights** and **21,000** energy efficient **traffic signals** installed.



Over **99,000 kW** of renewable energy systems installed.

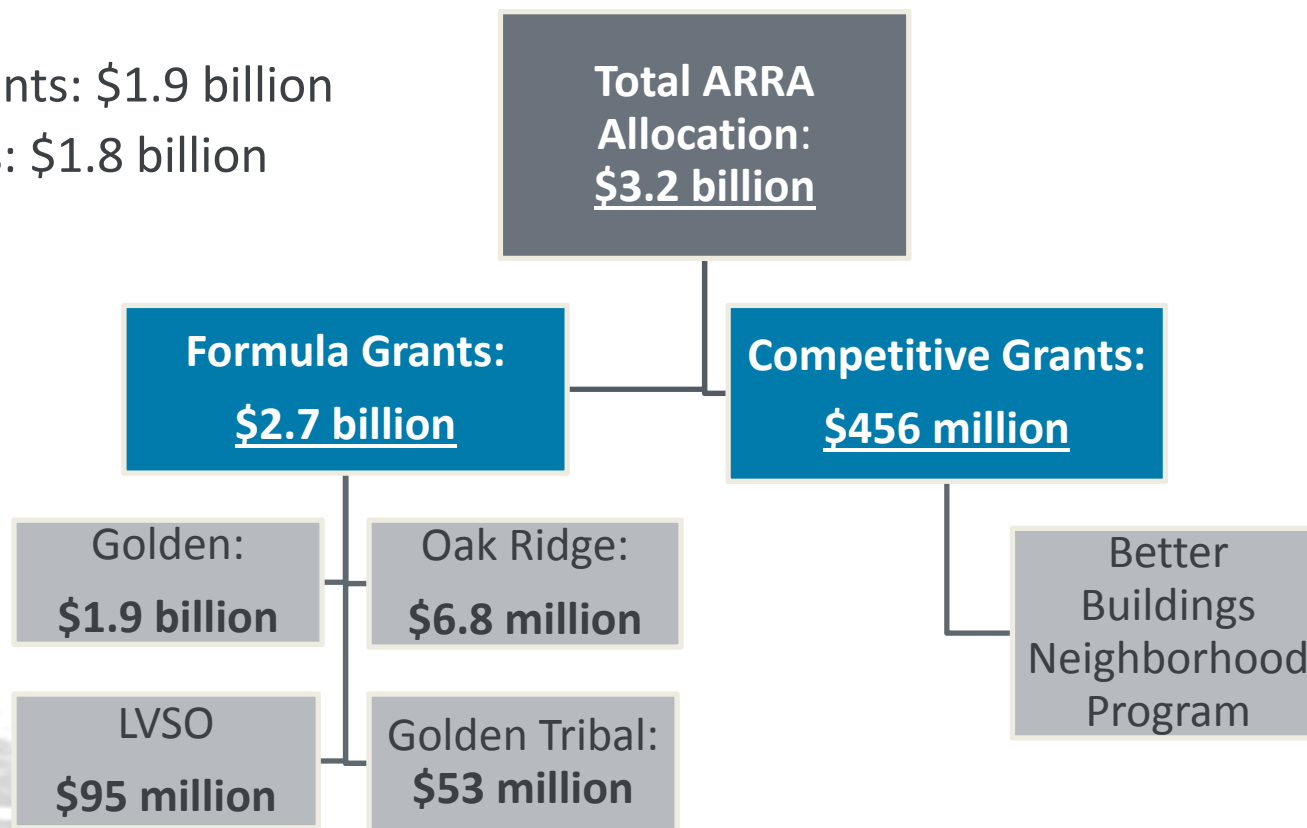


# EECBG Program Spending Breakdown

## Cumulative Spending:

*As of March 5, 2012:*

- Total Cumulative Payments: \$1.9 billion
- Total Formula Payments: \$1.8 billion
  - Golden: \$1.2B
  - Oak Ridge: \$6.7M
  - LVSO: \$81.5M
  - Golden Tribal: \$31.7M
- 99 RLFs: \$75M total



# Impacts of EECBG ARRA Investments Putting Efficiency to Work in the Economy

*Selected ARRA achievements through December 2011:*

- **Top 10 job-creating** and retaining Recovery Act programs – Over **4,700 jobs created or retained** in quarter ending Dec., 2011.
- Energy upgrades to **56,000 buildings** – Approx. 427M square feet
- **7,400 Solar Energy** systems installed - Over 170,000 kW.



Installed nearly **250,000 Energy Efficient Traffic Signals**

Nearly **135,000 Energy Efficient Streetlights** installed

# FY12 & FY13 Funding Snapshot

Activity	FY12 Enacted	FY13 Request
Weatherization Assistance Program	\$68 million	\$139 million
State Energy Program	\$50 million	\$49 million
Tribal Energy Program	\$10 million	\$7 million
<b>Total</b>	<b>\$128 million</b>	<b>\$195 million</b>

*“... I will not walk away from the promise of clean energy. I will not walk away from workers ... I will not cede the wind or solar or battery industry ... It’s time ... to double down on a clean energy industry that has never been more promising.”*

*- President Obama, State of the Union, 24 January 2012*





Allows states to compete for funding designed to meet EERE nationally focused initiatives for the fundamental and permanent transformation of markets across all sectors of the economy.

## Three Areas of Interest:

### **Area 1 – Advancing Energy Efficiency in Public Facilities**

- Whole-building, deep retrofit programs across the broad segment of state's public building portfolio to achieve significant energy and cost savings.

### **Area 2 – Stimulating Energy Efficiency Action**

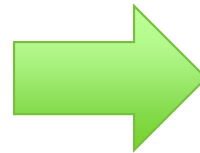
- Policy and program frameworks to support investment in cost-effective energy efficiency; establish or increase a statewide energy savings goal by calendar year 2015.

### **Area 3 – Improving or Developing a Fee-Based Self-Funded Public Facilities**

- Stand up sustainable fee-for-services models that can successfully be used to finance retrofits of public facilities statewide across many sectors.

Energy efficiency is top priority energy resource  
Savings, jobs, competitiveness, economy, environment

- Leverage ARRA
- Continued Progress
- Growing Partnerships



**Growing energy  
efficiency  
industry**

# Program Evaluations: Measuring Successes & Benefits

## WAP

- Surveying of large multi-family buildings clients, crew chiefs and crew along with non-energy benefits study.
- Evaluation of Recovery Act Weatherization data

- 
- **Mid-June:** DOE comment
  - **August 1:** Network comment
  - **Final Report:** Sept 2012

## SEP

- Evaluation of metrics from various SEP-funded PY2008 and ARRA activities
- 82 total Programmatic Activities
- 46 Grantees represented in the sample group

- 
- **Final Report:** Dec 2012 (Interim reports may be released earlier pending availability)

## EECBG

- Project Officers Survey: Questions and comments under review by KEMA.
- Non Residential survey: KEMA finalizing the survey.
- Residential Survey: Work on the draft continues.

- 
- Surveys sent to all Grantees Summer 2012.
  - **Final Report:** Fall 2012.

An expanded focus on whole-house energy usage and whole-community efforts.

*WAP intends to revive the initiative started in 1999 and carried through mid-2006 with strategic planning efforts to reach the goals of four subcommittees:*

- Leverage assistance
- Developing new markets
- Improving quality
- Benefits of program



The Weatherization Plus 2015 Committee has scheduled subcommittee webinars with program stakeholders and a final report is expected by July, 2012.

*Make commercial and industrial buildings 20% more efficient by 2020;  
save more than \$40 billion annually for US organizations; create American  
jobs*

- Market leadership; High level partnership with DOE
- Overcome market barriers/persistent obstacles with replicable, marketplace solutions
- Showcasing real solutions; provide models for others to follow
- Recognition from DOE and Administration for success
- Partnering with industry leaders to better understand policy and technical opportunities
- Portfolio wide commitment to continuous improvement

Story published on the DOE blog on June 11, 2010

## WAP at Work in Vermont

- \$16.8 million in WAP ARRA funds
- Southeast Vermont Community Action Agency (SEVCA) hired eight new workers and weatherized 113 homes last year.
- VT has weatherized more than 50 percent of the state's total Recovery Act target of 1,600 homes



The screenshot shows the ENERGY.GOV website interface. At the top, there is a green navigation bar with the ENERGY.GOV logo and a search bar. Below the navigation bar, there are several menu items: PUBLIC SERVICES, SCIENCE & INNOVATION, MISSION, News & Blog, Maps & Data, About Us, For Staff & Contractors, and OFFICES. The main content area features a blog post titled "Regional Vermont Agency Provides Work in Tight-Knit Communities" dated June 11, 2010 - 4:33pm. The post includes a photo of weatherization auditors and crews working on a red brick house. To the right of the main content, there is a "RELATED ARTICLES" section with three links: "Northern Virginia Grows Local Energy Business", "Cincinnati Canvassing Spreads Retrofitting Message", and "Telephoning for Energy Efficiency in Vermont".

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### Regional Vermont Agency Provides Work in Tight-Knit Communities

June 11, 2010 - 4:33pm



Weatherization auditors and crews assist in making a Vermont home more energy-efficient in New England winters. | Photo Courtesy of Southeastern Vermont Community Action (SEVCA) Agency |

**RELATED ARTICLES**

-  [Northern Virginia Grows Local Energy Business](#)
-  [Cincinnati Canvassing Spreads Retrofitting Message](#)
-  [Telephoning for Energy Efficiency in Vermont](#)

# SEP: Deploying Clean Energy Resources

Story published on the DOE blog on March 5, 2012

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## Not a Long Time Ago in an Energy Efficient Galaxy Not Very Far Away

March 5, 2012 - 5:48pm

A robot works on crystalline solar cells at Wisconsin-based Helios USA, LLC. The opening of the manufacturing plant has supported 26 jobs and is projected to create a total of 50 permanent jobs in the state and was supported through a State Energy Program loan. | Courtesy of Helios USA, LLC.

**RELATED ARTICLES**

- Solar startup to manufacture in Milwaukee
- Department of Energy Finalizes \$197 Million Loan Guarantee to SoloPower, Inc. for a Solar Manufacturing Facility
- Department of Energy Announces \$39 Million to Strengthen University-Led Nuclear Energy Research and Development

## SEP at Work in Wisconsin:

- \$1.4 million in SEP ARRA funds to build Solar Cell Manufacturing Plant.
- Process utilizes the assistance of both operators and automated robots!
- Supported 26 jobs and projected to create 50 permanent jobs in the state!

# EECBG: Deploying Clean Energy Resources

Story published on the DOE blog on March 8, 2012

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## CNG in OKC: Improving Efficiency at the Pump and on the Road

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March 8, 2012 - 4:02pm



Andy Mitchell, Public Works Project Manager for the City of Oklahoma City, refuels a vehicle at the new fast-fill CNG fueling station located at the city's main maintenance facility. | Courtesy of the City of Oklahoma City.

### RELATED ARTICLES



Kansas City Buses Provide a Clean Ride for Kids



Green Beer: Not Just for St. Patrick's Day

Secretary Chu Announces Nearly \$300 Million in Clean Cities Grants to Support Clean Fuels, Vehicles, and Infrastructure Development

## EECBG at Work in Oklahoma City:

- \$1.28 million in EECBG ARRA funds to install a fast-fill CNG fueling station
- Reducing vehicle emissions and public fuel costs, and saving valuable time.
- Supporting OKC's goals to reduce greenhouse gas emissions by 10 percent by 2015.



# QUESTIONS?



**THANK YOU**

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