

Show-Me Innovations: Missouri Weatherization and ARRA Plans

**"Green" Finance:
Investing in Sustainable,
Energy-Efficient Development"**
Federal Reserve Bank of St. Louis,
Louisville Branch

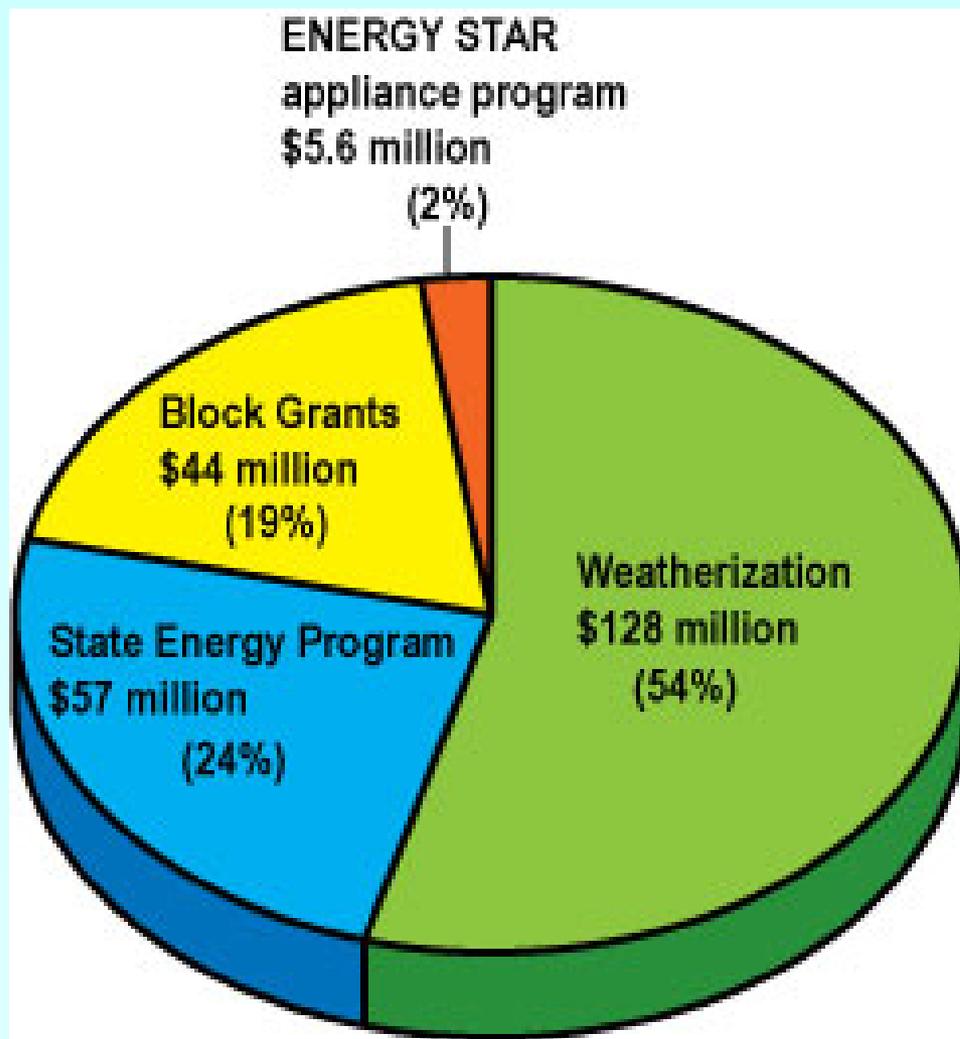
Sept. 22, 2009

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Missouri Department
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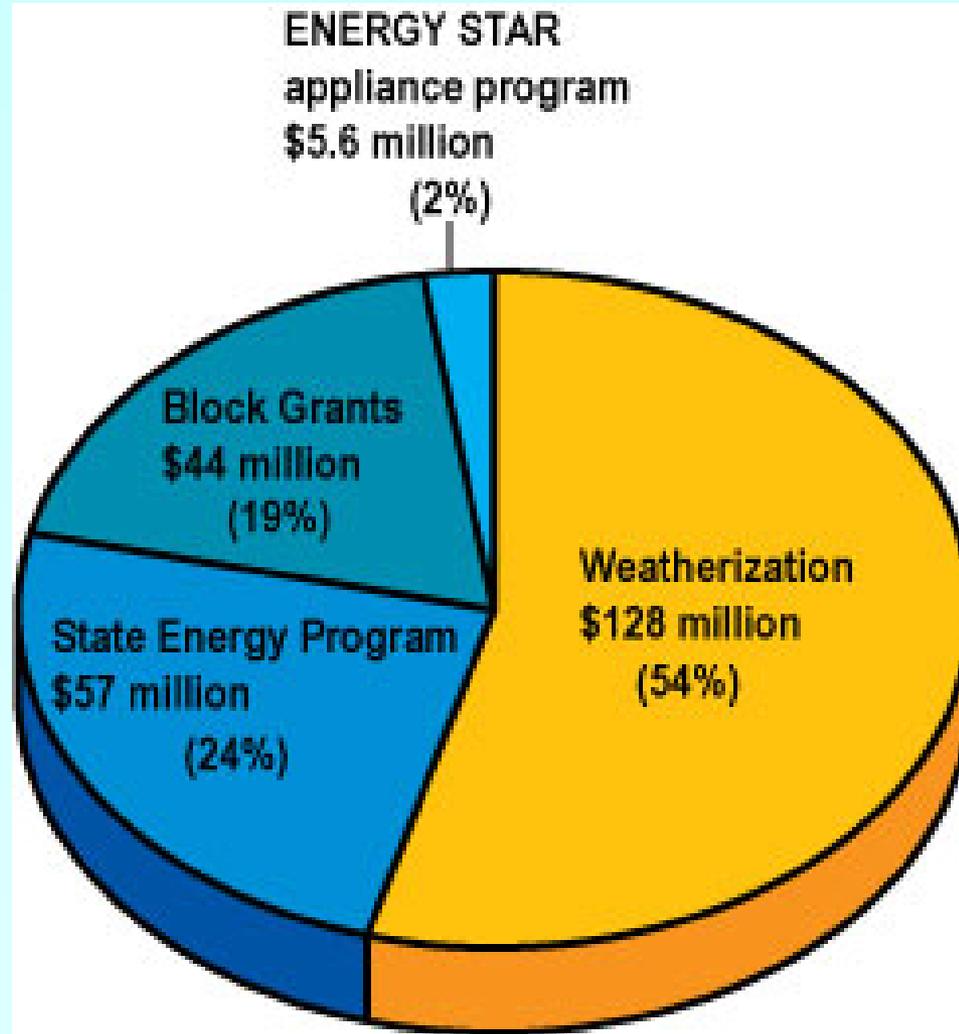


**MISSOURI
DEPARTMENT OF
NATURAL RESOURCES**

Missouri's Overall Energy Funding under the American Recovery and Reinvestment Act of 2009



Missouri's Weatherization Funding Highlights



Weatherization Funding - History

- The 2009 Recovery Act funding allocation is substantially greater than past annual funding

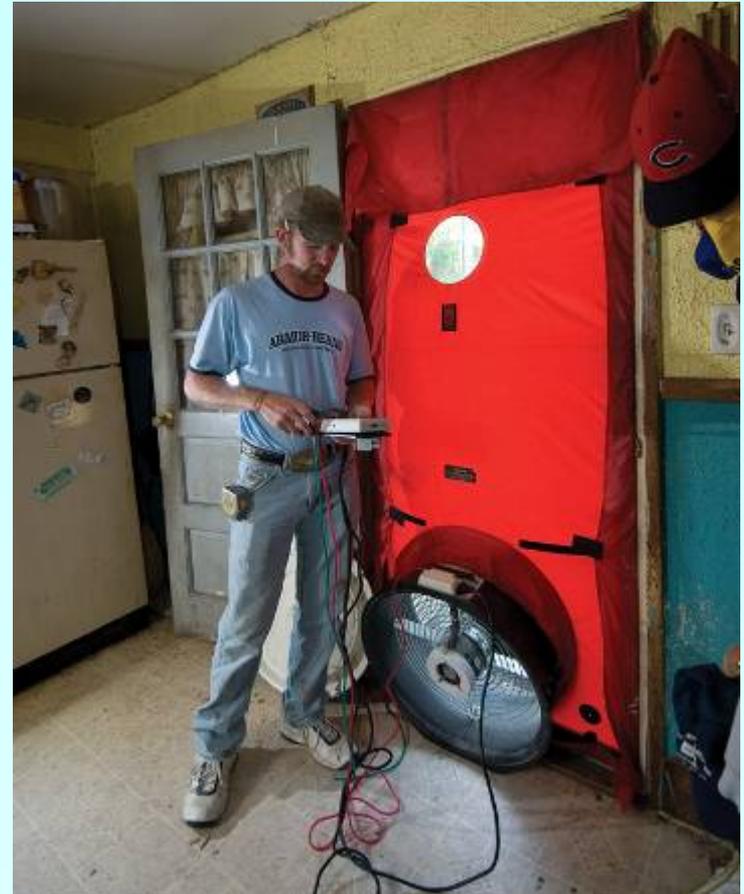
Fed. Fiscal year	Fed. Wx approx amount
FY 2007	\$6.3 million
FY 2008	\$5.3 million
FY 2009	\$5.9 million
FY2010 (in addition to ARRA)	\$11.5 million
ARRA Recovery funding (3 yrs - July 09 to March 2012)	\$128 million

Low-income Weatherization Program Eligibility Guidelines

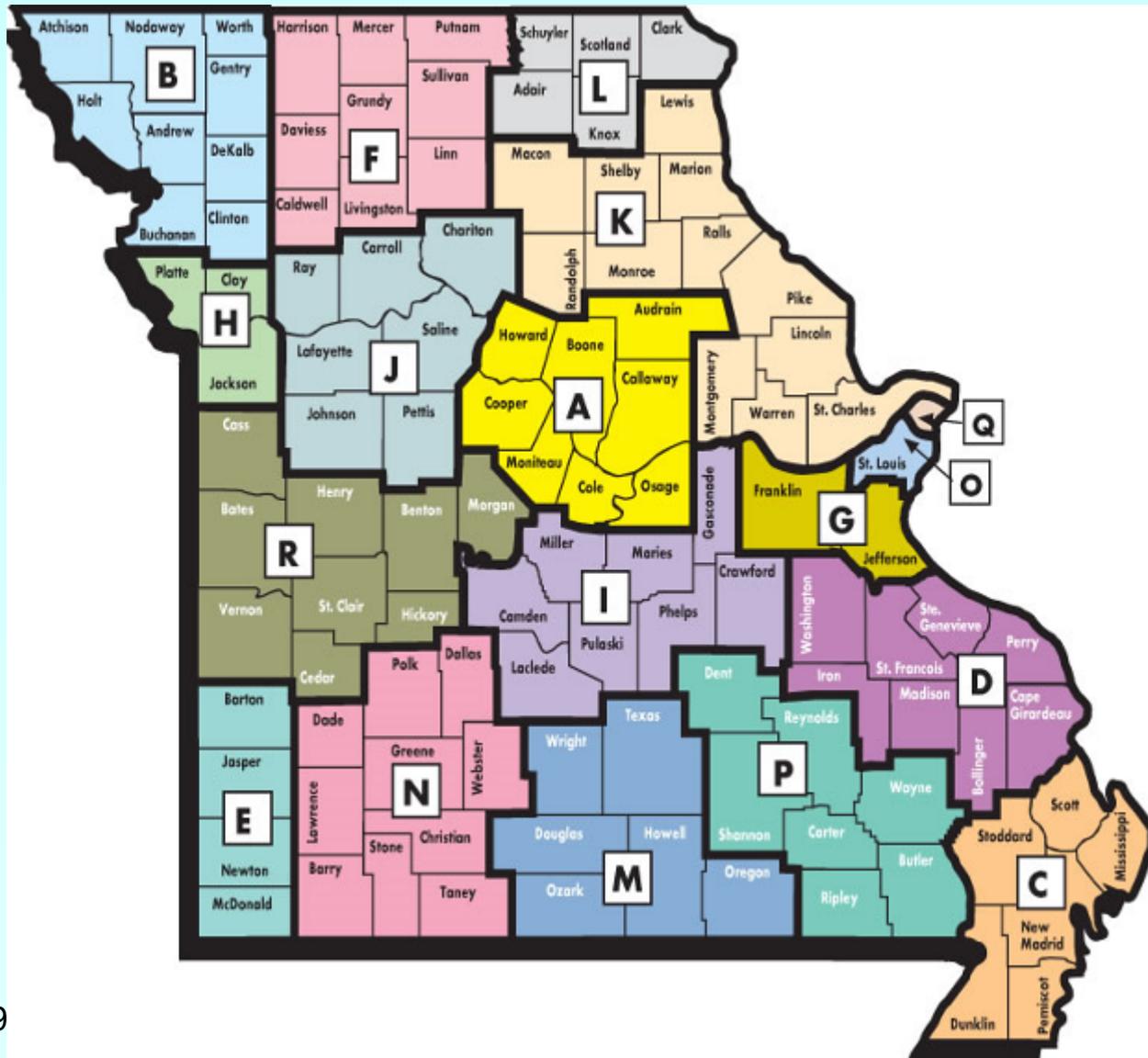
Size of Family Unit	Poverty Threshold	200% of Poverty
1	\$10,830	\$21,660
2	\$14,570	\$29,140
3	\$18,310	\$36,620
4	\$22,050	\$44,100
5	\$25,790	\$51,580
6	\$29,530	\$59,060
7	\$33,270	\$66,540
8	\$37,010	\$74,020
Each additional member add	\$3,740	\$7,480

Energy-efficient improvements include:

- Reducing air leaks
- Increasing insulation in walls, attic, floor and foundation
- Heating system “clean and tune”, repair or replacement
- Minimal building envelope repairs



18 Missouri Weatherization agencies



Transform Missouri Housing Initiative

- In addition to funding to the existing agencies, \$25.6 million (20%) of the weatherization Recovery funding will be used by the Department for initiatives that result in increased benefit and greater positive impact for clients, neighborhoods and communities served.
- Under the state's overall plan, the agencies' funding and this "innovative 20%" will improve more than 21,000 housing units over the 3-year ARRA grant period.

Transform Missouri

Performance Based Incentives

**\$25.6 million (20%) of Weatherization funding =
Incentives for superior subgrantee performance**

**July 2010 - Energy Center will evaluate subgrantee
performance against benchmarks**

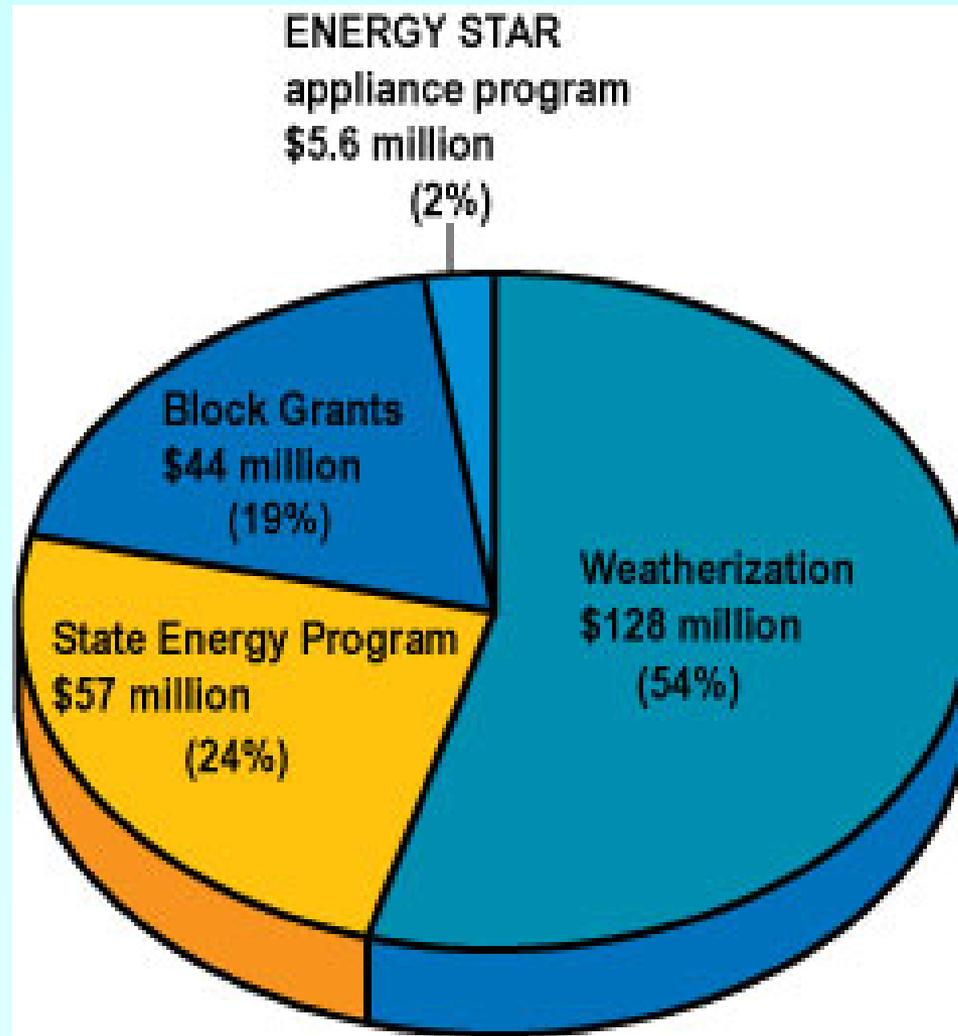
- Subgrantee expending minimum of 95% of all funds projected to be spent by June 2010.
- Subgrantee weatherized minimum of five homes above production expected by June 2010.
- Subgrantee has no unresolved findings in the previous two Energy Center fiscal/procedural and technical monitoring visits or in the subgrantee's A-133 audit.
- Monthly, quarterly, and annual reports submitted on time.

**If subgrantees meet criteria, incentive funds distributed
to high performing agencies according to
population/poverty criteria and waiting lists**

Training and Workforce Development

- Local weatherization agencies need training for 200 new agency employees and another 200 independent contractors.
- DNR and OA are preparing for release of a Request for Proposals.
- Providers under the new contracts will offer new or additional training in subjects and needed certifications for Building Professional Institute (BPI) building analysis, Home Energy Raters, OSHA training, Lead Safe Work Practices, etc.

Missouri's State Energy Program Funding Highlights



Three Main Target Sectors for SEP Activities



Residential
Efficiency

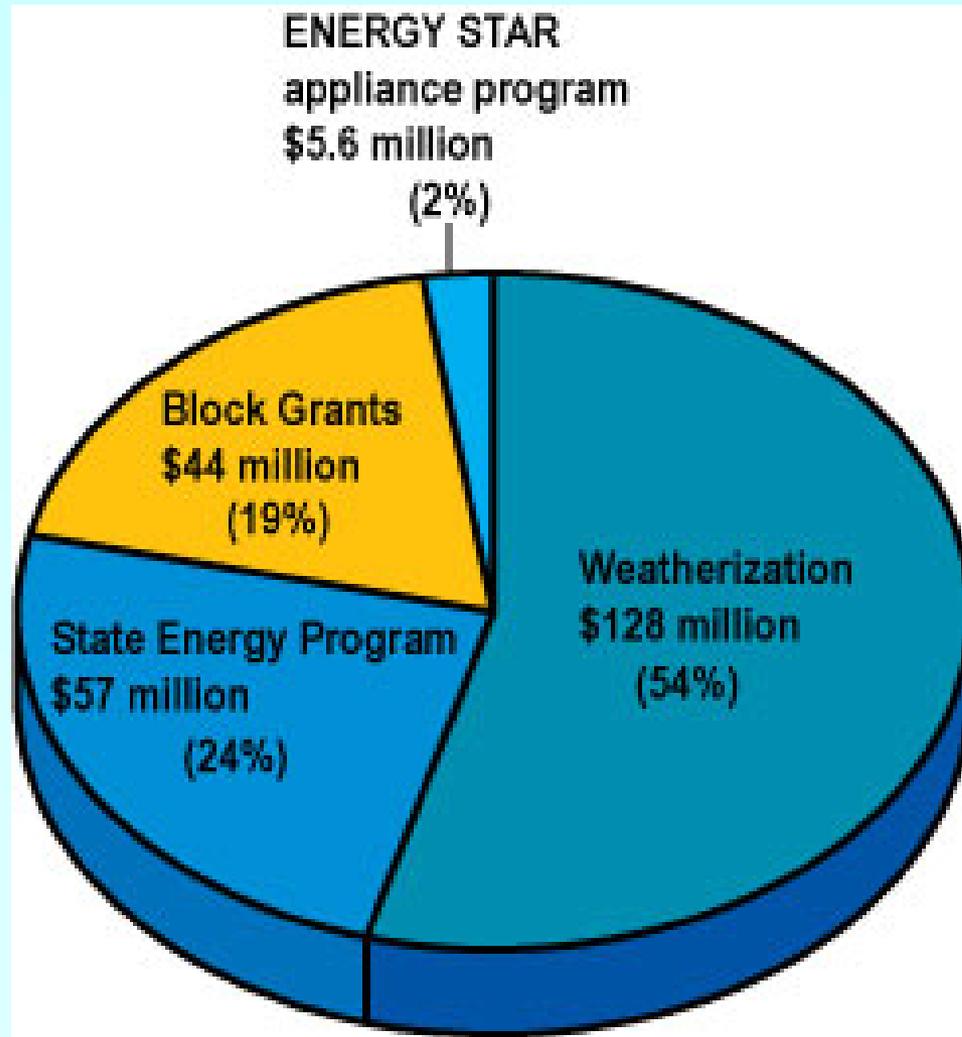


Agricultural Efficiency
& Bioenergy



Industrial &
Manufacturing Efficiency

Missouri's Energy Efficiency & Conservation Block Grant Funding Highlights



Energy Efficiency & Conservation Block Grant Program Eligibility

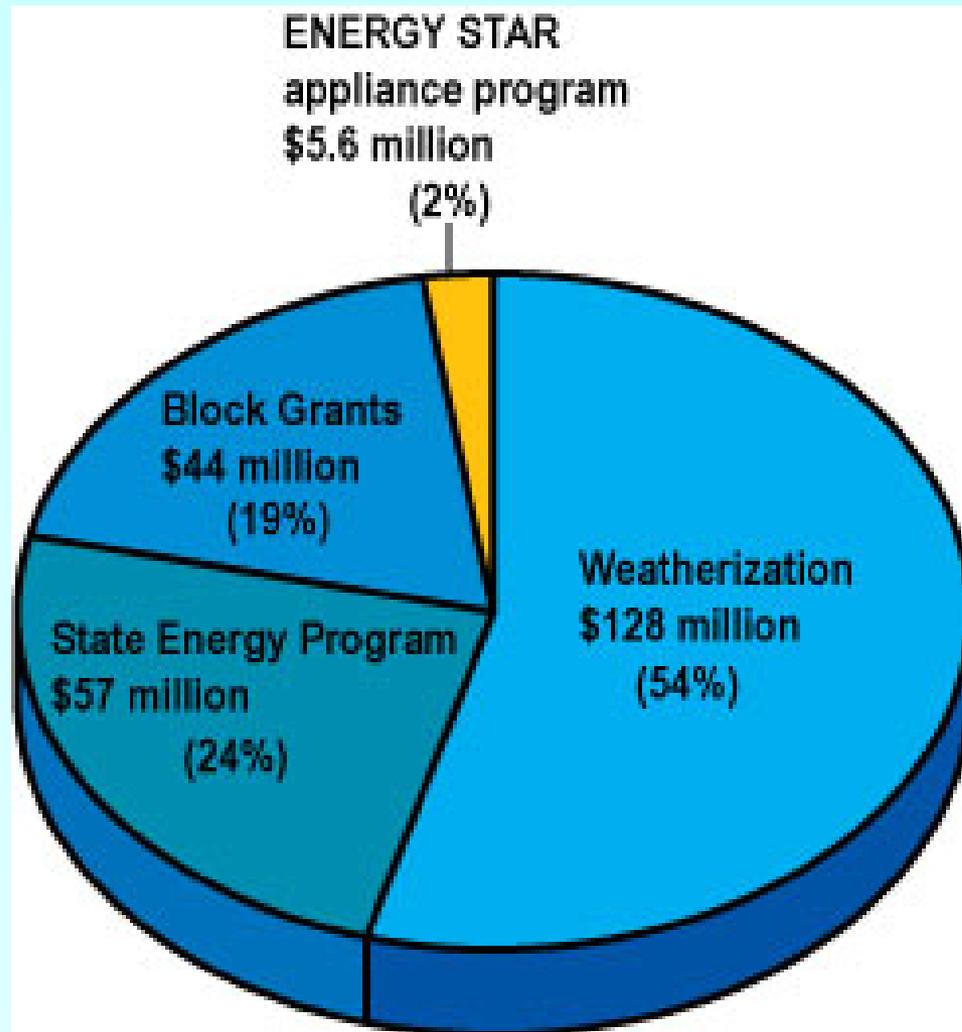
Department will administer \$12.5 million

- U.S. DOE guidance - 60% of funds to state passed through to cities with populations of less than 35,000 and counties with populations less than 200,000.

DOE formula grants - about \$31.2 million to 17 cities, 10 counties,

- Cities - with population of at least 35,000, or among 10 highest populated cities of the state.
- Counties - with population of at least 200,000, or one of 10 highest populated counties of the state.

Missouri's ENERGY STAR Appliance Rebate Program Funding Highlights



Goals:

- Stimulate the economy and improve the environment.
- Save families money on energy bills, create jobs and help businesses create new sales.
- Environment benefits by replacing old appliances with new, efficient products.

Federal list of ENERGY STAR rebate-eligible items:

- Central air conditioners, room air conditioners
- Heat pumps (air source and geothermal)
- Boilers, furnaces (oil and gas)
- Clothes washers, dishwashers, freezers, refrigerators
- Water heaters

ARRA funded Wastewater and Drinking Water Projects

- \$108 million for wastewater
- \$38 million for drinking water projects.



Of funds to Missouri:

- 50% for additional loan subsidization.
- 20% on projects that address water-efficiency, energy-efficiency, mitigate storm water runoff, or encourage environmental sensitive project planning, design and construction.



MISSOURI DEPARTMENT OF NATURAL RESOURCES

