

A light gray map of the state of Ohio is centered on the slide. Overlaid on the map are several white circles of varying sizes, representing the locations of energy projects. Some circles are single, while others are overlapping. The text "Incentives for Energy Projects" is superimposed over the map in a large, bold, dark red font.

# Incentives for Energy Projects

American Recovery and Reinvestment Act  
and  
Advanced Energy Fund  
February 17, 2010

## Ohio Energy Resources Division



The Ohio Energy Resources Division works to grow the economy of the state by connecting companies and communities to financial and technical resources to deploy renewable energy technologies and energy efficiency.

[energy.development.ohio.gov](http://energy.development.ohio.gov)

# American Recovery and Reinvestment Act

- The State of Ohio has launched the [www.recovery.ohio.gov](http://www.recovery.ohio.gov) website, which will serve as Ohio's interactive headquarters for all information regarding the American Recovery and Reinvestment Act – the federal stimulus package. All expressions of interest in federal stimulus dollars are to be submitted in the simple form at the web address below, even if already submitted in some other way.

[www.recovery.ohio.gov/opportunities/state/](http://www.recovery.ohio.gov/opportunities/state/)

## Recovery Act Programs Administered by ODOD

[www.development.ohio.gov/recovery/Energy.htm](http://www.development.ohio.gov/recovery/Energy.htm)

- **Energy Efficiency and Conservation Block Grant (EECBG) Program**
- **State Energy Program**
- **Energy Efficient Appliance Rebate Program**

## Energy Efficiency and Conservation Block Grant (EECBG) Program

- State of Ohio plan approved by Department of Energy Monday, September 28, 2009.
- A total of \$84,183,300 was made available to Ohio and includes \$59,203,700 that is available through direct allocation from the federal government to the ten largest counties and to the thirty-three largest cities.
- The remaining amount of \$24,979,600 was made available to the Ohio Department of Development.

## Energy Efficiency and Conservation Block Grant (EECBG) Program

- The Ohio Department of Development released competitive solicitations for the 60 percent, or \$15 million, available to eligible local governments that did not receive direct allocation of funding from the federal government.
- The remaining 40 percent was made available through a competitive solicitation to State government facilities and institutions of higher education.
- The executive summary is available at:  
[www.development.ohio.gov/cms/uploadedfiles/Development.ohio.gov/Recovery/Energy/ExecSummaryEECBGPlan\\_DRAFT\\_v2.pdf](http://www.development.ohio.gov/cms/uploadedfiles/Development.ohio.gov/Recovery/Energy/ExecSummaryEECBGPlan_DRAFT_v2.pdf)

## State Energy Program

- The **State Energy Program** will enable Ohio to **create** and **retain jobs**, save energy, **increase** energy **generation** from **renewable** energy, and **reduce** greenhouse gas **emissions**.
- The program is a collaboration between the Ohio Department of Development and the Ohio Air Quality Development Authority, with input from additional state agencies.
- The level of State Energy Program funding allocated to Ohio is \$96,083,000.

## State Energy Program

- Executive Summary at [www.development.ohio.gov/cms/uploadedfiles/Development.ohio.gov/Recovery/Energy/SEP-ARRA\\_ExecSum\\_FinalDraft.pdf](http://www.development.ohio.gov/cms/uploadedfiles/Development.ohio.gov/Recovery/Energy/SEP-ARRA_ExecSum_FinalDraft.pdf)
- Deploying Renewable Energy RFP closed on 9/25.
- Targeting Industry Efficiency RFP closed on 10/16.
- List of Awardees online at <http://www.development.ohio.gov/recovery/StateEnergyProgram/Awards.htm>

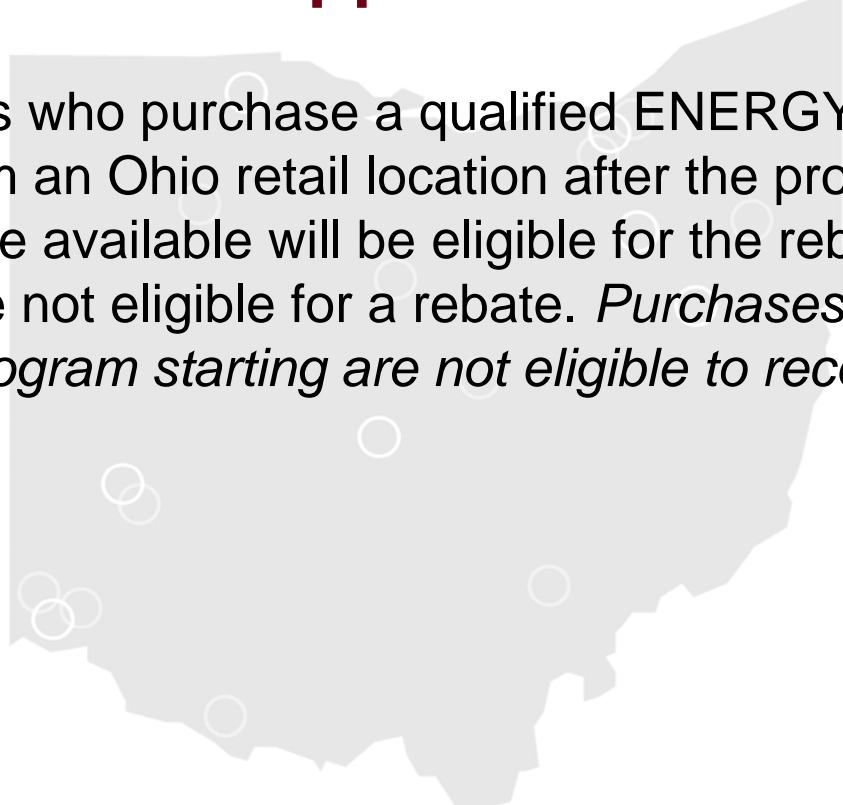
## Ohio Energy Gateway Fund

- [www.development.ohio.gov/OhioEnergyGatewayFund/](http://www.development.ohio.gov/OhioEnergyGatewayFund/)
- **The State of Ohio will establish the Ohio Energy Gateway Fund to co-invest \$40 million in advanced energy projects and companies.**
- **The Fund will create a partnership with one or more sources of private capital in order to significantly leverage the state's original commitment of stimulus funds.**
- **Advanced Energy Stimulus funds from the Ohio Jobs Stimulus Plan and American Recovery and Reinvestment Act State Energy Program funds.**

## Energy Efficient Appliance Rebate Program

- The Ohio Energy Efficient Appliance Rebate Program will disperse over \$10,000,000 in rebates to help Ohioans save money by encouraging the replacement of old, inefficient appliances (clothes washers, dishwashers, electric heat pump water heaters, high-efficiency gas storage water heaters, and refrigerators) with new qualified energy efficient ENERGY STAR® appliances.
- The program will start in mid-to-late March. Rebates are limited to one rebate per appliance type per household and will be awarded through a mail-in rebate process.

## Energy Efficient Appliance Rebate Program

- Ohio residents who purchase a qualified ENERGY STAR® appliance from an Ohio retail location after the program starts and while funds are available will be eligible for the rebate. Online purchases are not eligible for a rebate. *Purchases that are made prior to the program starting are not eligible to receive a rebate.*
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## Energy Efficient Appliance Rebate Program

- Full details of the program will be announced soon, including the following:
  - Terms & Conditions,
  - Rules of Eligibility,
  - A list of qualified appliance models, and
  - Time limits for claiming rebates
- Over 89,000 rebates will be offered for qualified ENERGY STAR® appliances to Ohio consumers.
- [www.ohioappliance rebate.com](http://www.ohioappliance rebate.com)

## Advanced Energy Fund

- To be eligible, you must be a customer of one of Ohio's four investor-owned electricity utilities:
  - American Electric Power;
  - Duke Energy (formerly CINergy);
  - Dayton Power and Light and
  - First Energy
- Why?
  - Originally created under a provision of the Ohio Electric Restructuring Act of 1999, the Advanced Energy Program is funded through a \$0.09-per-month charge to customers of the four investor-owned utilities. The Ohio Energy Office collects these funds and uses them to administer the Advanced Energy Program incentives. The program is legislated to collect up to \$5 million per year for the five years ending December 31, 2010. Only customers who pay the charge are eligible to take advantage of the incentives.

## Forms are online

[www.development.ohio.gov/cdd/oeel/ELFGrant.htm](http://www.development.ohio.gov/cdd/oeel/ELFGrant.htm)



## Renewable Energy Program Notice of Funding Available 08-09

- All non-residential Customer Classes
  - Agricultural, commercial, governmental, industrial, institutional
- Eligible Technologies: Wind, Solar electric, solar hot water
- Performance-based incentive:
  - \$2 per kilowatt-hour (kWh)
  - Based on a projection of the amount of electricity the system would produce annually at the proposed site at the proposed hub height
  - Minimum 3,000 kWh Alternating Current (AC) generated annually at the average wind speed for the site
  - Maximum incentive varies with technology and project type.

# Manufacturing Facilities' Energy Efficiency Notice of Funding Available 07-04

- This program focuses on the utilization of energy efficiency measures and technologies, including efficient lighting, HVAC and refrigeration, motors and improved building envelope. Only manufacturing facilities are eligible to apply.
- Incentive Rate: 25% of project cost
- Maximum award: \$50,000

## Residential Wind Energy Notice of Funding Available 09-02

- For primary residences (the place in which end-user physically lives for more than 183 days in a calendar year and is the end-user's tax home).
- Residential systems. Residential status is determined by the electric utility.
- Performance-based incentive:
  - \$2 per kilowatt-hour (kWh)
  - Based on a projection of the amount of electricity the system would produce annually at the proposed site at the proposed hub height
  - Minimum 3,000 kWh Alternating Current (AC) generated annually at the average wind speed for the site
  - Maximum incentive is the lesser of 50 percent of project costs or \$25,000.
  - Applications are submitted by eligible installers on behalf of end-users.

## Solar Thermal Energy Incentive NOFA 09-03

- This program is available to offset the costs of solar thermal energy projects on new construction and existing buildings for affordable and market rate residential housing units in Ohio.

Type of Solar Thermal System	Market Rate Housing Program			Affordable Housing Program		
	Incentive	Max %	Max \$	Incentive	Max %	Max \$
<b>2- and 3-family</b>	\$30 per kBtu/day	50%	\$8,000 / dwelling unit	\$50 per kBtu/day	50%	\$10,000 / dwelling unit
<b>Multi-Family</b>	\$30 per kBtu/day	50%	\$75,000/ building	\$30 per kBtu/day	50%	\$100,000/ building

## Residential Solar Photovoltaic Energy Notice of Funding Available 09-04

- For primary residences (the place in which end-user physically lives for more than 183 days in a calendar year and is the end-user's tax home).
- Residential systems. Residential status is determined by the electric utility.
- Incentive Rate is \$3 per watt.
- Maximum incentive is \$25,000 per applicant.
- System must have a nominal output of 2kW or larger.
- Systems must be tied to the electrical grid.

## Distributed Energy Resources (DER) Notice of Funding Available (NOFA) 07-01

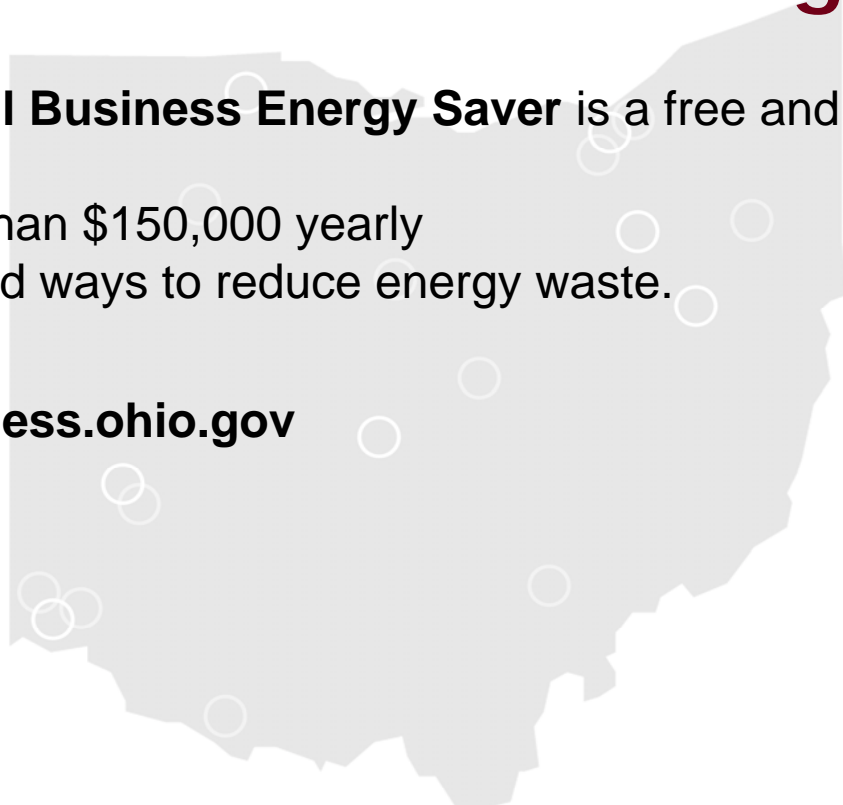
- DER systems up to 25 megawatts (MW) for commercial, institutional, and industrial applications. DER is defined as modular generation technologies that generate and deliver electricity to customers at or near the point of use.
- Eligible technologies: clean burning reciprocating engines (meeting California standards), industrial turbines, microturbines, innovative use of waste heat, combined heat & power, cogeneration, landfill or biomass methane.
- Maximum Grant Share and Grant Award: Lesser of 25 percent of project cost or \$100,000
- Owner's Cash Equity Requirement: 10 percent of total project cost

Forms are online

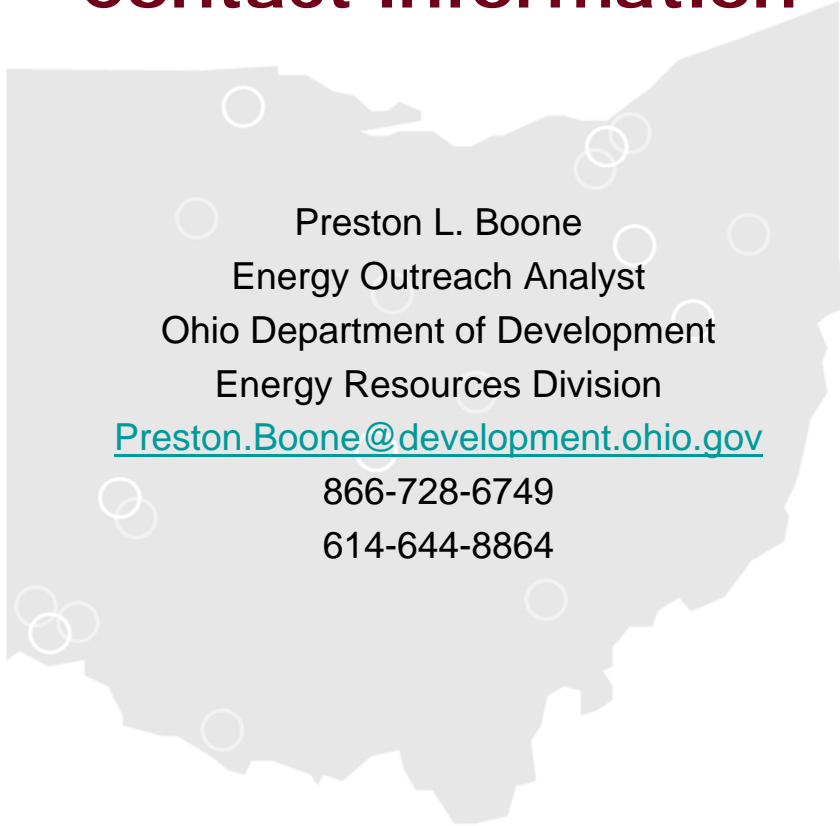
[www.development.ohio.gov/cdd/oeel/ELFGrant.htm](http://www.development.ohio.gov/cdd/oeel/ELFGrant.htm)



# Ohio Small Business Energy Saver

- The **Ohio Small Business Energy Saver** is a free and easy diagnostic tool for businesses spending less than \$150,000 yearly on energy to find ways to reduce energy waste.
  - Online at **[business.ohio.gov](http://business.ohio.gov)**
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## Contact information

A light gray silhouette of the state of Ohio, serving as a background for the contact information. It contains several small, white, semi-transparent circles scattered across its surface.

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