

# New Developments in EPA Programs for States

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# Critical Issues and Challenges

- Economic stimulus
  - Spending funds quickly and effectively
  - Creating jobs
- Establishing infrastructure for longer-term
  - Stimulus funding will end
  - Long-term workforce/training needs
  - Modifications to state policies necessary to support long-term investment in EE
- Being ready for energy and/or climate legislation
  - RPS, EERS
  - Building energy labeling
  - Limits on carbon, emphasis on EE

# EPA Resources Can Assist with the Stimulus Package

- ENERGY STAR
- National Action Plan for Energy Efficiency
- State and Local Climate and Energy Programs
- CHP Partnership



# Economic Stimulus

Title	House Amount	Senate Amount	EPA Technical Resources
State Energy Program	\$3.4 billion	\$500 million	ENERGY STAR for state governments (Portfolio Manager) ENERGY STAR Commercial upgrades ENERGY STAR Residential improvements
Institutional Energy Loans	\$500 million		ENERGY STAR for local governments, schools, higher education Building-level Benchmarking (Portfolio Manager) Local strategies guide to EE in schools, municipal operations
Higher Education Modernization, Renovation and Repair	\$6 billion	\$3.5 billion	ENERGY STAR for higher education, Building-level Benchmarking (Portfolio Manager) Heat Island Compendium
Clean Water SRF	\$6 billion	\$6 billion	ENERGY STAR for wastewater/drinking water systems Local Guide to Action (forthcoming)
High Performance Public Schools	\$14 billion	\$16 billion	ENERGY STAR for schools Building-level Benchmarking (Portfolio Manager)

# Spending Funds Quickly and Effectively

- Many technical resources available
- Exploring additional materials / technical assistance options
  - Step-by-step program guides for key programs
  - Simple yet reliable EM&V
  - Technical assistance networks of program experts
  - Ramped up technical assistance and training
  - Summer availability

# Information on Jobs and Economic Benefits

- Denise will give me something on economics chapter of the multiple benefits guide
- Identifying the barriers and challenges to achieving potential green jobs benefits
- Tracking state policies aimed at merging clean energy and jobs
- State Technical Forum on Clean Energy Work Force Development – Feb. 24

<http://www.epa.gov/cleanenergy/energy-programs/state-and-local/state-forum.html>

# National Action Plan for Energy Efficiency

- Goal: All cost-effective energy efficiency by 2025
- Public-private initiative with energy offices, utility commissions, utilities, customers, NGOs, etc.
- Is reprioritizing projects to address needs of economic stimulus
  - New technical assistance
- Continues to support creation of the long-term energy efficiency policy infrastructure
  - New technical assistance

# Additional Action Plan Resources

- Existing resources
  - Vision for 2025: A Framework for Change
  - Model EE Program Impact Evaluation Guide
  - Guide to Conducting Potential Studies
  - Understanding Cost-effectiveness of EE Programs Paper
  - Searchable, online resource database
- Resource to be released in 2009
  - EE as a Low-Cost Resource for Carbon Reductions
  - Program Administrator Role with Building Codes
  - Coordinating Demand Response and EE
  - Customer Perspectives on Delivery of EE
  - Incentives Mechanisms for Energy Customers

[www.epa.gov/eeactionplan](http://www.epa.gov/eeactionplan)

# More Work on EM&V Identified as High Priority

- Ramped up technical assistance on available methods
- Streamlined methods to go with economic stimulus funding
- Improved methods for the longer-term?
  - New work being pursued in all areas
  - New Action Plan Working Group being formed to address third area

# ENERGY STAR - Key Resources

- Quick start guide to energy efficiency programs
- Residential Sector
  - Energy efficiency campaigns
  - Best practices for implementing ENERGY STAR new homes programs
  - Guide to Implementing Home Performance with ENERGY STAR
  - Certification infrastructure for home service professionals
- Commercial, Institutional, and Industrial
  - National campaign to benchmark and improve buildings
  - Customer outreach tools
  - Standardized building energy rating system
  - Training infrastructure
- Integration with broader environmental issues
  - Addressing energy and water efficiency objectives
  - Achieving efficient & green buildings

# State Climate and Energy Program

## Key Resources

**Use Collaboratives**



- **Guide to Action (GTA)**
- **State Partnership**
- **Peer Exchange Networks**

**Establish Goals**



- **State Inventory and Projection Tools**
- **eGRID**
- **EE Potential Studies Guide**
- **Clean Air Climate Protection Software**

**Identify Policies & Programs**



- **Clean Energy Resources Database & Policy Maps**
- **Guide to Action (GTA)**
- **Technical Forums**
- **Heat Island Compendium and Actions Database**
- **ENERGY STAR other EPA Partnerships**

**Design & Analyze**



- **COBRA**
- **Technical Forums**
- **Lead By Example Guide**
- **Multiple Benefits Guide**

**Implement & Evaluate Progress**



- **M&V Guidance**
- **ENERGY STAR Benchmarking (Portfolio Manager)**
- **National Action Plan Vision 2025**

# State Climate and Energy Program - What's Happening in 2009

## New State Resources Forthcoming:

- *Lead by Example Guide*
- *Multiple Benefits Guide*

## New / Continuing Initiatives:

- Updating web site to provide resources developed under the Clean Energy-Environment State Program
- Climate Change Policy – relevance to states & locals
- Energy Efficiency Measurement (GHG reductions and EE programs)
- Integrated Planning Workshop (energy offices, environment agencies, utility commissions)

**PICK OUT THE BIG THINGS  
AND MAKE IT CLEAR WHAT  
THEY ARE**

# Assisting Local Governments

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# Combined Heat and Power Partnership

[Katrina is getting me an updated slide on CHP resources]

# Contact us

## **National Action Plan for Energy Efficiency**

<http://www.epa.gov/eeactionplan>

## **Energy Star**

[http://www.energystar.gov/index.cfm?c=government.bus\\_government](http://www.energystar.gov/index.cfm?c=government.bus_government)

## **State Climate and Energy Programs**

[www.epa.gov/cleanenergy/energy-programs/state-and-local/state](http://www.epa.gov/cleanenergy/energy-programs/state-and-local/state)

## **Local Climate and Energy Programs**

[www.epa.gov/cleanenergy/energy-programs/state-and-local/local](http://www.epa.gov/cleanenergy/energy-programs/state-and-local/local)

## **Combined Heat and Power Partnership**

[www.epa.gov/CHP](http://www.epa.gov/CHP)