



Priorities for Year Three: Recap and Comments

National Action Plan for Energy Efficiency

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

Kathleen Hogan
U.S. EPA

Leadership Group Meeting
January 7, 2008



Today's Year Three Work Plan Discussion Agenda

- Detailed presentations and discussions on five possible year three work areas:
 - Sector Collaborative findings and proposal
 - Coordinating EE and DR Paper
 - Education and Outreach Strategy
 - Energy Efficiency Work Force
 - Energy Efficiency and Link to Carbon Policies
- Overview and discussion of additional work areas
- Express preferences for year three work priorities



Recap - Initial Year 3 Topics

- **Outreach, Training, and Recognition**
 - Reach consumer advocates, commissioners, utilities, others
 - Web training, newsletter, point-counterpoint papers
 - Continue to expand resource database
 - Establish an awards programs
 - Provide on-going recognition opportunities and events
- **Resources to assist in Meeting Implementation Goals**
 - Additional guidance on defining cost-effectiveness of energy efficiency programs
 - More detailed work on codes and standards
 - State lead-by-example EE efforts
 - Efficiency in regional resource planning
 - Lifecycle assessment / long-term resource planning
 - Program design & implementation
 - Customer incentives for EE / Sector Collaborative proposal
 - Demand Response (and potentially support DOE efforts on EM&V for demand response)
- **Resources to assist in Linking/Addressing Emerging Issues / Related Policies**
 - Energy efficiency workforce planning issues
 - Efficiency to assist in meeting carbon goals
 - Transmission and distribution efficiency
 - R&D management and integration
- **Measuring Progress towards the Vision**



Recap – Vision Implementation Goals and Proposed Topic Areas

Implementation Goal	Existing Resource	Today's Discussions
<p>1: Establishing Cost-Effective Energy Efficiency as a High-Priority Resource</p> <ul style="list-style-type: none"> - Efficiency potential - Savings goals - Efficiency into resource plans 	<p>X</p>	<ul style="list-style-type: none"> - Education / Outreach - <i>Lifecycle assessment/ long-term planning</i>
<p>2: Developing Processes to Align Utilities Incentives Equally for Efficiency and Supply Resources</p> <ul style="list-style-type: none"> - Indifference to EE or generation - Remove utility disincentives - Ensure timely cost recovery 	<p>X</p>	<ul style="list-style-type: none"> - Education / Outreach
<p>3: Establishing Cost-Effectiveness Tests</p> <ul style="list-style-type: none"> - Capture long-term cost-effectiveness - Incorporate cost-effectiveness tests 	<p>X</p>	<ul style="list-style-type: none"> - Education / Outreach -- <i>more on cost-effectiveness</i>
<p>4: Establishing Evaluation, Measurement, and Verification Mechanisms</p> <ul style="list-style-type: none"> - Effective, transparent EM&V 	<p>X</p>	<ul style="list-style-type: none"> - Education / Outreach



Recap – Vision Implementation Goals and Today’s Presentations (cont’d)

Implementation Goal	Existing Resource	Today’s Presentations
<p>5: Establishing Effective Energy Efficiency Delivery Mechanisms</p> <ul style="list-style-type: none">- Establish program administrator(s)- Review programs, funding, customer coverage, goals- Establish multi-year goals and funding for evaluation- Public education programs- Share best practice information	<p>X</p>	<ul style="list-style-type: none">- Education / Outreach- <i>Program design / implementation</i>
<p>6: Developing State Policies to Ensure Robust Energy Efficiency Practices</p> <ul style="list-style-type: none">- Updated building codes- Code enforcement and monitoring- State-level appliance standards- Lead-by-example efficiency programs	<p>X</p>	<ul style="list-style-type: none">- Education / Outreach- <i>More on codes and standards</i>- <i>Guide on Lead-by-Example for State/local governments</i>



Recap – Vision Implementation Goals and Today’s Presentations (cont’d)

Implementation Goal	Existing Resource	Today’s Presentations
<p>7: Aligning Customer Pricing and Incentives to Encourage Investment in Energy Efficiency</p> <ul style="list-style-type: none">- Modify rates for customer incentives- Reduce customer disincentives		<p>- <i>Customer incentives paper</i></p>
<p>8: Establishing State of the Art Billing Systems</p> <ul style="list-style-type: none">- Consistent energy use and cost information		<p>- Sector Collaborative Proposal</p>
<p>9: Implementing State of the Art Efficiency Information Sharing and Delivery Systems</p> <ul style="list-style-type: none">- State of the art energy delivery information- Integrate advanced technologies- DR/EE coordination- Development of energy efficiency services		<p>- EE/DR Coordination</p>
<p>10: Implementing Advanced Technologies</p> <ul style="list-style-type: none">- Review additional advanced technologies- Rapid technology integration timelines		



Overview of Additional Work Areas

- Assist in meeting implementation goals
 - Lifecycle Assessment / Long-Term Resource Planning
 - Additional Guidance on Cost-Effectiveness
 - Codes and Standards
 - Lead-by-Example Efforts
 - Program Design and Implementation
 - Customer Incentives for Energy Efficiency
- Assist in linking and addressing emerging issues and related policies



Lifecycle Assessment / Long-Term Resource Planning

- A lifecycle/long-term planning approach can support energy efficiency by:
 - Providing long-term commitment to developing mature program delivery infrastructure
 - Capturing and comparing environmental and other benefits for all resource types
- Options in year three:
 - Revitalize principles for long-term resource planning across available resource options
 - Compile and disseminate (and perhaps update) existing materials



Additional Guidance on Cost-Effectiveness

- Approaches to determining program cost-effectiveness covered in year two guides
- Options in year three:
 - Additional guide to share more examples of existing applications and options
 - Outreach and training focus



Codes and Standards

- Utilities can play a role
 - Support effective implementation of codes
 - Integrate codes into resource planning
 - Advocate for stronger codes and standards
 - Receive credit for related energy savings
- Energy Efficiency and Energy Codes fact sheet developed in year two
- Options in year three:
 - Share information on utility actions
 - Recommend stricter codes
 - Outreach and training focus



Lead-by-Example Efforts

- Localities and states are taking the lead by making their own buildings more efficient
- Options in year three:
 - Incorporate Lead-by-Example Guide under development as an Action Plan resource
 - Outreach and training focus



Program Design and Implementation

- Effective program design and implementation key to achieving real energy savings
- Action Plan report summarizes program best practices
- Options in year three:
 - More detailed guidance on program types and design for utilities and regulators
 - Fact sheets on program best practices
 - Coordination with existing efforts to share program best practices
 - Outreach and education focus



Customer Incentives for Energy Efficiency

- Action Plan report summarized rate design and other mechanisms options
- Options in year three:
 - Pursue Sector Collaborative data proposal
 - Additional guidance rate design options such as inclining block rates and on-bill financing
 - Outreach and education focus



Emerging Issues & Related Policies

- EM&V for demand response
- Regional resource planning and efficiency
- Transmission and distribution efficiency
- R&D management

Addressing related issues expands the Action Plan scope



Comments and Feedback on Additional Work Areas?

- Assist in meeting implementation goals
 - Lifecycle Assessment / Long-Term Resource Planning
 - Additional Guidance on Cost-Effectiveness
 - Codes and Standards
 - Lead-by-Example Efforts
 - Program Design and Implementation
 - Customer Incentives for Energy Efficiency
- Assist in linking and addressing emerging issues and related policies



*Express your preferences for
year three work priorities*