WIP Funding Levels

- State Energy Program (SEP)
  - $3.1 billion under ARRA
  - $50,000 FY10 Current Approp.
  - $63,798 FY12 Congressional Request

- Weatherization Assistance Program (WAP)
  - $5 billion under ARRA
  - $29 million under ARRA funds for Weatherization Training Centers
  - $210,000 FY10 Current Approp.
  - $320,000 FY12 Congressional Request

- Energy Efficiency and Conservation Block Grant (EECBG) Program
  - $2.7 billion under ARRA (formula grants)
  - $454 million for competitive Better Building Program (run out of BTP)
  - Not included in FY12 budget request

- Tribal Energy Activities
  - $10,000 FY10 Current Approp
  - $10,000 FY12 Congressional Request
State Energy Program (SEP)

- Funds State Energy Offices through formula grants for project and planning, and through competitive grants for efficiency upgrades and renewable installations in state and local facilities
- Supports state capacity, project, and policy development for energy efficiency and renewable energy with modest investments (Average appropriation 2001 – 2006: $41.5 million)
- Operates in all 56 States and Territories
- Programs include:
  - Renewable energy technology
  - Transportation measures
  - Industrial retrofits
  - Revolving loan funds
  - On-bill financing strategies
  - Performance contracting, and more
SEP Investing and Funding Financing Programs in Buildings, Renewable Energy and Upgrading Industry

- Transportation
- Policy Planning and Energy Security
- Industry
- Energy Education
- Electric Power and Renewable Energy
- Buildings

SEP Spending
Weatherization Assistance Program (WAP)

- Largest residential EE program in the nation, providing services to low-income single-family, multi-family, and mobile homes > 30 year history
- Operates in every state, District of Columbia, Native American tribes, and U.S. Territories > 58 Grantees contract with 1,007 local subgrantees (non-profits/ Community Action Agencies)

- 6.8 Million homes weatherized since inception (38 million eligible)
- Nearly 600,000 will be weatherized during Recovery Act period
- Services return $1.80 in benefits for every $1 invested
- Families see annual energy bills reduced by an average of about $437
WAP: Leveraging Partnerships and Expanding Resources

- Approximately 40% of grantees leverage utility funds each year
  - $150 million - $210 million leveraged annually since 2005 from private sources
  - $350 million - $600 million leveraged annually from federal and non-federal sources since 2005 (e.g. LIHEAP funds from HHS)

- WAP is training crews and contractors to become part of a broader workforce:
  - With National Residential Retrofit Guidelines that are creating standard work specifications;
  - Assisting training providers in developing consistent course content
  - Increasing workforce mobility and laying a foundation for worker certification and training program accreditation architecture
  - Building confidence among consumers
Energy Efficiency & Conservation Block Grant (EECBG) Program

- DOE’s largest local government program, providing grants directly to cities and counties
- New program funded under ARRA, bringing together DOE and over 2,300 local communities for the first time
- Over 10,000 projects nationwide
- According to initial grantee self-reporting through December 2010, communities have:
  - Upgraded the energy efficiency of over 10,000 buildings;
  - Installed 40,000 energy efficient street lights;
  - And upgraded more than 100,000 traffic signals.
EECBG: Over 2300 Grantees Receiving Direct Formula Block Grants

**Infrastructure Investments Include:**
- Building Energy Upgrades
- Renewable Energy
- Financial Incentives and Programs
- Lighting Upgrades
- Transportation

**Policy and Tools Investments Include:**
- Clean Energy Policy
- Building Audits
- Workshops, Training and Education
- Codes and Standards
- EE Labeling and Rating
EECBG: Performance Contracting Success Story: Knox County, TN

Knox County, TN

• A $1.8 million solar thermal system for the county detention facility, was among the largest of 100 line items in the county's $16.2 million performance contract with Trane.

• 305-ground-level solar arrays produce nearly 14,000 gallons of hot water a day, or roughly 80 percent of the facility's daily hot water demand (cooking, laundry, hygiene) for 900+ inmates and staff.

• Project will save over 6,000 gallons of heating oil every year and allow the county to cancel a heating oil contract.

• Project completed in July, 2010
EECBG: Making Investments for Today and the Future

Majority of Funds for Capital Equipment
Investments with Immediate Benefits

- Building Retrofits: $1,141
- Loans and Grants: $429
- Transportation: $194
- Renewable Energy Market Development: $183
- Financial Incentives for EE: $98
- Government, School Procurement: $89

Smaller but Important Investments in Shifting Local Approach to Energy

- Clean Energy Policy: $89
- Building Audits: $83
- Workshops, Training and Education: $45
- Codes and Standards: $21
- EE Rating and Labeling: $16

Note: Not representative of 100% of funds
SEP ARRA: Focus on Financing

$759 Million
25% of SEP ARRA funds

- Revolving Loan Funds: 85%
- Performance Contracting: 5%
- Loan Loss Reserves: 9%
- Low Interest Loans: 1%
- Qualified Energy Conservation Bonds: less than 1%
Current Innovations

- SEP - $2.86M to assist states in developing policy / program frameworks to support investment in cost-effective EE for the long term.
  - Helping states with little-to-no current EE program savings become leaders in reducing electricity consumption
  - Focus on states that have achieved less than 0.5% savings relative to electricity sales and/or States that have invested <1% of total electricity or gas revenues in energy efficiency*
  - Frameworks generated through inclusive stakeholder process

* From the ACEEE 2009 State Energy Efficiency Scorecard
Current Innovations

- WAP - Weatherization Innovation Pilot Program (WIPP): $30 million in FY2010 to increase the leverage of Federal funding through partnerships with traditional and/or nontraditional service providers. **16 selections** include:
  - Financing programs
  - Workforce development/ Volunteer approaches
  - Green and healthy homes
  - New technologies
  - Behavior interventions

- WAP - Sustainable Energy Resource Consumer Grants (SERC): $90 million in grants to 27 states, 100 local agencies to expands funding for materials, benefits, and renewable and domestic energy technologies not currently covered under WAP including:
  - Solar hot water, solar PV, solar home heat, high-efficiency hot water heating (tank-less heat pump), residential wind, cool roofs, in-home devices, innovative foam insulation

* From the ACEEE 2009 State Energy Efficiency Scorecard
Going Forward: Encouraging Best Energy Policies

- OWIP Technical Assistance (TA) - Helping communities capitalize on success
- Best Practices Campaign: Identify leading grantees, outline best practices and promote the adoption of sustainable models

- Outreach/Coalition building
- Leading by example (LBE)
- Financing strategies
- Policy/codes/regulations

- State and Local Clean Energy Summit May 18-19: First in a series of policy focused meetings to address sustainability in the post-ARRA period
Thank You

Office of Weatherization and Intergovernmental Program
Energy Efficiency and Renewable Energy