

Weatherization and Intergovernmental Program

U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy



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Weatherization and Intergovernmental Program (WIP)

WIP provides grants, technical assistance and information tools to state and local governments, tribes and territories to help them address their individual energy needs and priorities.

Facilitates the adoption of renewable energy and energy efficiency technologies to address energy challenges through four individual programs:

- Weatherization Assistance Program (WAP)
- State Energy Program (SEP)
- Energy Efficiency & Conservation Block Grant (EECBG)
- Tribal Energy Program (TEP)

WIP Sub-programs will:

- Effectively **leverage federal funds**;
- Engage communities in **economic development** opportunities via clean energy deployment; and
- Provide a path toward a **secure energy future**.



WIP will provide Economic Development opportunities through Clean Energy Technology Deployment using a Network of State, County, City, Tribal, Stakeholder and Private-Sector Partnerships to provide a Clean, Secure and Reliable Energy Future for the United States.



Through its existing network, WIP is uniquely positioned within EERE to:

- Lay the groundwork for wide-spread adoption of **codes and standards** to drive private-sector demand for energy efficiency and renewable energy technologies;
- Develop and **market financing opportunities** to spur the production of and demand for energy efficiency and renewable energy technologies;
- Garner support for EERE technology development by reinforcing the link between clean energy technology deployment and **economic development**; and
- **Communicate** the availability of new products developed by EERE R&D.



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.

- Appropriations
 - Average appropriation: FY2008-FY2011 = \$48.6M
 - Recovery Act: \$3.1 billion
- Annual formula grants to 56 States , Territories and Districts for the grantees to develop state strategies and goals to address their energy priorities
 - States provide a 20% match
 - SEP emphasizes the state's role as the decision maker and administrator for program activities within the state that are tailored to each states unique energy resources and delivery capacity
- Annual competitive grant solicitations aligned EERE priority initiatives, typically aimed at increasing the adoption of energy efficiency and renewable energy technologies. Key focus is creating and replicating innovative, scalable business models for deployment.



- ARRA Performance

As of September 7:

- Cumulative Payments (DOE receives and pays an invoice from a grantee): \$1.666 billion (54.3%)
- Total CX'd (NEPA clearance): \$2.99 billion (98%)
- Funds Obligated (funds in a signed contract): \$2.923 billion (95%)

- SEP Facts

- \$1 of SEP investment results in \$11.29 of non-federal investment
- Relationships with states provide a key pathway for encouraging the use of clean energy as an economic development/job creation catalyst.
- SEP funds are highly leveraged by the state to support a wide variety of activities.
- SEP funding supports state core capabilities for policy and seed investments for partnerships and projects that increase market penetration of EERE technologies.



WAP provides funding to 50 states, the District of Columbia, five U.S. territories, and three Native American Tribes which fund a network of local community action agencies, non-profit organizations and local governments to provide weatherization services to low-income families.

- Appropriations
 - Total FY11: \$174.3 million
 - Recovery Act: \$5.0 billion
- Sustainable Energy Resources for Consumers (SERC) Grants fund projects to install and test the effectiveness of a variety of clean energy technologies not eligible under WAP
 - Funded for the first time under ARRA
 - \$90 million to 101 high-performing weatherization providers across the country
- Weatherization Innovation Pilot Program (WIPP) is aimed at whole-house weatherization for low-income families through new materials, technologies, behavior-change models and processes
 - Funded for the first time in 2010
 - \$30 million to 16 projects across the country
- High Priority Performance Goal (HPPG) from the White House: DOE and HUD will work together to enable the cost-effective energy retrofits of a total of 1.1 million housing units through the end of FY13. Of this number, DOE programs will contribute to retrofits of an estimated one million housing units. WAP alone will contribute more than 830,000 of those retrofits.

- ARRA performance
 - Cumulative Payments as of September 6, 2011: \$3.38 billion (69.9%)
 - WAP has weatherized over 480,000 homes through June 2011
- WAP Facts
 - Average savings per household is \$437. (Household income is \$11,000 with three residents)
 - For every \$1 invested, the WAP returns \$2.51 in benefits, including \$1.80 in savings on energy bills.
 - Supported **14,500 jobs** under ARRA (for the quarter ending June 30th, 2011).
 - Training Centers:
 - Invested approximately \$30 million to establish 26 new Training Centers and support 8 existing Centers to serve the 1,007 subgrantees and the 23,000 workforce;
 - Developed Workforce Guidelines and Training Accreditation to standardize training quality and trainer instructions; and
 - Creating a national worker certification program in residential energy efficiency to improve work quality and consumer confidence

Energy Efficiency and Conservation Block Grant (EECBG) Program

Program provided funding to 2356 cities, counties, states, territories and Indian tribes to reduce fossil fuel emissions, reduce total energy use and improve energy efficiency in the transportation, building and other sectors.



- Appropriations
 - Funded for the first time by ARRA: \$3.2 billion total
 - Formula: \$2.74 billion
 - Competitive: \$456 million (Better Buildings)
- ARRA Performance (primarily tracked by payments made to grantees by DOE)
 - Cumulative Payments: \$1,399 billion (51.7%)
 - Total CX'd (NEPA clearance): \$2.70 billion (99.8%)
 - Funds Obligated (funds in a signed contract): \$2.703 billion (99.8%)
- EECBG Facts
 - Created and/or sustained **5,517 jobs** (for the quarter ending June 30th, 2011)
 - Retrofitted over **37,000 Buildings** (including 18,000 homes), covering **265 million square feet**
 - Installed **95,000** Energy Efficient **Streetlights**
 - Installed **208,000 Traffic Signals**
 - Given **3,625 loans** totaling \$30 million

- Provides financial and technical assistance to Tribes for the evaluation and development of renewable energy resources on Tribal Lands
 - Financial assistance provided on a competitive basis
 - TEP emphasizes the tribe's role as the decision maker and administrator for the program activities
- Programs include:
 - First Steps Toward Developing Energy Efficiency and Renewable Energy on Tribal Lands
 - Energy Efficiency and Renewable Development and Deployment in Indian Country
- Appropriations
 - FY11: \$7 million



Technical Assistance Program (TAP) Goals & Objectives

Provides SEP & EECBG recipients with the resources needed to swiftly implement successful and sustainable clean energy programs.

TOPICS INCLUDE: Energy efficiency and renewable energy technologies, Program design and implementation, Financing, Performance contracting and State and local capacity building.

TAP OFFERS:

- Direct assistance
- Aggregated Assistance
 - Materials Extensive online resource library
 - Webinars
- Peer exchange
 - Monthly calls
 - Regional Meetings
 - Peer Matching
 - TAP Blog



State Energy Program

- Capital Creation through Revolving Loan Funds (RLFs)
- Body of Best Practices that can be used by others to “short cut” the process of adopting clean energy policies and implementation

Energy Efficiency and Conservation Block Grant Program

- Relationships with local governments that are active in pursuing clean energy goals.

Weatherization Assistance Program

- Training Centers
- Worker Certification Program
- Standardized Weatherization requirements

The Future of WIP

