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and internationally  
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#### **Our Mission**

To advance environmental and economic well-being by providing unmatched energy services, products, education and information based on world-class research.

#### **About Us**

Our staff of energy engineers, energy specialists, technical experts, software developers, and energy research librarians work out of our Olympia, Spokane and satellite offices.

Operating similar to a consulting firm, the WSU Energy Program is a self-supported department within the University.

#### **Within WSU**

As a part of the College of Agricultural, Human and Natural Resource Sciences, we report directly to the Dean of the College.

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## **Community Energy Efficiency Program in Washington State**

The **Washington State University (WSU) Energy Program** executes and manages the **Community Energy Efficiency Program (CEEP)** to encourage homeowners and small businesses across the state to make energy efficiency retrofits and upgrades.

### **CEEP evolves from pilot to mature program**

CEEP was created by the Washington State Legislature in 2009. The eight community-based projects selected for the pilot phase of CEEP tested innovative approaches to deliver energy efficiency upgrades to targeted residences and businesses across the state. The CEEP pilot was funded by the U.S. Department of Energy (DOE) State Energy Program and the American Recovery and Reinvestment Act (ARRA).

As the CEEP pilot wrapped up in March 2012, partner organizations had already helped thousands of Washington residents and small business owners save significant energy and money.

The Washington State Legislature has provided funding to the WSU Energy Program so state residents can continue to benefit from CEEP through at least 2015. Current CEEP efforts leverage the momentum and community investment established during the CEEP pilot.

### **Reaching communities across the state**

Outreach activities have resulted in over 75,000 person-to-person contacts. Since 2010, over 32,000 residences were assessed and 26,000 received energy efficiency upgrades. As the program continues to evolve, CEEP grantees are focusing on:

- Refining program delivery models to achieve deeper upgrades and greater energy savings, and

### **CEEP Goals**

- Increase public outreach on energy efficiency.
- Grow the energy efficiency upgrade industry and workforce.
- Expand delivery of energy efficiency services to those with incomes just above low-income thresholds.
- Test innovative delivery approaches.
- Provide creative energy efficiency financing options.



- Expanding service to additional counties – 29 counties are currently served by CEEP partner organizations.

The most common upgrades include energy-efficient lighting fixtures and bulbs, duct sealing, programmable thermostats, and water heater pipe insulation.

### **Saving energy**

CEEP upgrades are estimated to save 91,564 million Btu (MMBtu) each year – equal to the amount of energy used by 950 typical single-family homes in Washington.

These energy savings are distributed approximately equally among the following three groups:

- Small- and medium-sized businesses,
- Single-family homes, and
- Multi-family units and manufactured homes.

Over 66% of the energy saved by CEEP projects was electricity, about 25% was natural gas, and less than 10% was for other fuels that were not included in utility incentives.

Completed energy efficiency upgrades have saved \$1.7 million per year in energy costs.

### **Supporting the workforce**

CEEP supports family-wage jobs. Wages for projects subject to prevailing wage range from \$10 to \$94 dollars per hour, with typical wages ranging from \$30 to \$35 per hour.

To help contractors build their capability to do energy efficiency work, the WSU Energy Program provides on-the-job training and technical support to CEEP partners and their subcontractors. This support can include paying for training and certification programs, training energy auditors, and providing assistance to meet CEEP reporting requirements.

### **Looking ahead**

The CEEP partner organizations will continue to serve their communities through the end of the funding period (June 2015).

New work would focus on:

- Market segments that are underserved through utility programs;
- Testing new efficiency strategies for utility programs; and
- Increasing the share of efficiency investment in moderate-income households and homes that are heated with fuel oil, wood and propane.

### **Current community partners**

Our energy efficiency partners are Avista, Clark Public Utilities, Community Power Works, Opportunity Council, Puget Sound Energy, RePower, Snohomish County PUD, Sustainable Living Center and Thurston Energy.



Community outreach campaign at a ferry terminal that serves the communities where the CEEP RePower team operates.

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*In addition to helping the people of Washington State make sound investments to improve the quality and affordability of their homes, the Community Energy Efficiency Program supports the expansion of critical jobs in the renewable energy and conservation sector.*

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**Senator Kevin Ranker**  
Chairman,  
Senate Energy, Natural  
Resources & Marine  
Waters Committee