

# Accelerated Energy Program Newsletter

## October - November 2014



### PROGRAM UPDATES:

#### AEP Progress (through October 2014):

**Underway:** 205 sites  
**Completed:** 478 sites  
**Remaining:** 17 sites

#### *Did you know...*

*350 out of 351 Massachusetts cities and towns have at least one solar installation. In terms of total solar installation, there are now 687 MW of installed solar in Massachusetts, up from 3 MW in 2007.*

## Massachusetts earns #1 energy efficiency ranking AGAIN!

For the fourth year in a row, the American Council for an Energy-Efficient Economy (ACEEE) has declared Massachusetts the most energy efficient state in the U.S. This ranking represents the achievement of another major goal of the AEP! The Commonwealth earned 42 out of a possible 50 points on the 2014 State Energy Efficiency Scorecard, beating out California, New York, Oregon, and Rhode Island for the top spot.

Every year, the ACEEE's Scorecard serves as a benchmark for state energy efficiency efforts and ranks states across six major policy areas:

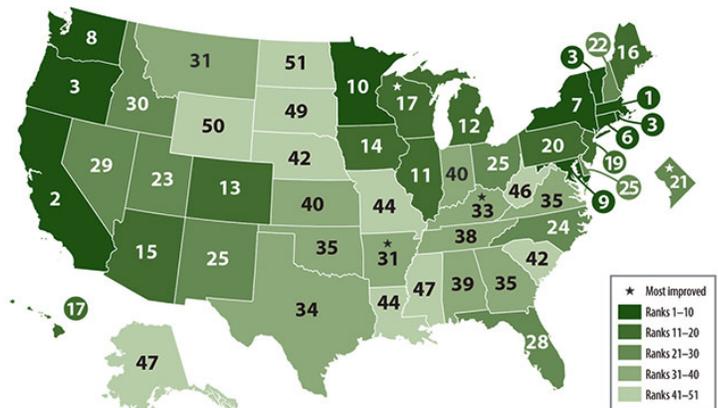
- Utility policies and programs
- Transportation initiatives
- Building energy codes
- Combined heat and power development
- State government-led initiatives
- State-level appliance standards

Massachusetts was specifically praised for its implementation of long term energy framework planning in the rankings released in October. Executive Order 484, the Leading By Example Program, the Accelerated Energy Program, and the Green Communities Act were all highlighted by the ACEEE as landmark state energy policies which have directly led to the state's continued high ranking.

Massachusetts scored a perfect 20 out of 20 points in the Utilities category, where the ACEEE

recognized the state's long and successful record of implementing aggressive energy efficiency programs for all customer sectors through partnerships with utility companies.

Although Massachusetts continues to lead the country, according to the Scorecard, the state will need to continue achieving high levels of savings in the utility sector and work to better benchmark energy use in the private sector to stay on top.



The ACEEE 2014 State Energy Scorecard map showing the rankings of all U.S. states and territories, with Massachusetts as #1!

# ACEEE

American Council for an Energy-Efficient Economy

To view the full State Energy Efficiency Scorecard results, visit:

[www.aceee.org/state-policy/scorecard](http://www.aceee.org/state-policy/scorecard)

# DCAMM earns 2014 Leading By Example Award

DCAMM was presented with the 2014 Leading By Example (LBE) Award for State Agencies on October 20th at the State House. The LBE Awards recognize outstanding efforts in establishing and implementing policies and programs that result in significant energy and environmental benefits.

Secretary Glen Shor presented Commissioner Carole Cornelison with the award plaque, noting how ambitious the state has been in developing a strong energy program. Cornelison also praised the hard work all DCAMM members and partner agencies involved in energy projects for achieving many of the program's lofty goals.

The LBE Awards have been in existence since 2007. In addition to state agencies, the awards are also given to individuals, municipalities, and public higher education facilities that have implemented significant energy and environmental policies. This is the first LBE Award for DCAMM.



Administration and Finance Secretary Glen Shor and DCAMM Commissioner Carole Cornelison hold the 2014 LBE Award plaque.

"With some 80 million square feet of buildings and numerous capital construction projects each year, DCAMM manages a broad portfolio of energy efficiency, water conservation, and renewable energy initiatives. DCAMM is overseeing the ambitious Accelerated Energy Program at existing state facilities, as well as designing and constructing new state buildings that meet Massachusetts LEED Plus requirements and even move toward Zero Net Energy."

- 2014 Leading By Example Award

## Innovative energy recovery ventilators installed at Berkshire



Workers install one of eight energy recovery ventilation units at Berkshire House of Corrections in Pittsfield.



Part of the comprehensive energy project currently under construction at the Berkshire House of Correction in Pittsfield is the installation of heat pipe energy recovery ventilation (ERV) units. This is one of the first applications of such units at a state facility.

ERV is the process of exchanging the energy from building exhaust and using it to precondition the incoming outdoor air in HVAC systems. The heat pipe is generally less expensive than a more typical heat wheel unit and easier to maintain. The benefit of ERV is the ability to meet ventilation and energy targets while improving indoor air quality and reducing total HVAC equipment capacity.

Eight of these units are being installed at Berkshire, which will **save the facility over \$25,000 annually in energy costs!**

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