



2013 Leading by Example Awards

Presented by the Commonwealth of Massachusetts



The **Leading by Example Awards** recognize outstanding efforts among individuals, Commonwealth agencies, public higher education institutions, and municipalities that have established and implemented policies and programs resulting in significant and demonstrable energy and environmental benefits.

MUNICIPALITIES



A Green Community since 2010, the **Town of Arlington** has worked diligently toward reducing its own energy consumption by at least 20 percent by converting to LED streetlights and performing HVAC and building control upgrades. The town worked with Mass Save and the Mass Climate Action Network to get 400 home energy audits performed, while the Solarize Mass program has led to the installation of over 710 kW of solar PV.



The **City of New Bedford** is targeting energy conservation measures at eight facilities, which are expected to yield annual savings of \$400,000, and is proceeding with an energy services performance contract to upgrade the city's remaining 35 buildings. The city has developed a solar roadmap, will have 4.3 megawatts (MW) of municipal solar PV installations by the end of 2013, and has installed eight electric vehicle charging stations.



Upon its designation as a Green Community in 2012, the **Town of Amherst** received a \$302,000 Green Communities grant for a streetlight retrofit project that is reducing municipal electricity use by 270,000 kWh per year, saving \$48,000 annually. The town's sustainability efforts also include efforts to plant 2,000 trees over the next three years, and a policy to ban disposal of polystyrene products and containers in the municipal landfill.



A Green Community since 2010, the **Town of Chelmsford's** recent efforts include a solar net metering contract that supports significant renewable energy generation and adoption of hybrid and electric vehicle technology. The town is proceeding with plans to perform energy efficiency upgrades at two dozen buildings and to convert its 2,200 streetlights to efficient LED technology.

PUBLIC HIGHER EDUCATION

Framingham State University's (FSU) Climate Action Plan serves as a blueprint for reducing campus GHG emissions. The just completed \$7.1 million energy project will reduce energy costs \$735,000 per year, decrease GHG emissions by nearly 48,000 tons, and eliminate use of more than 350,000 gallons of heavy oil. A new LEED Gold dorm, water conservation, composting and recycling, and local foods round out FSU's sustainability profile.



At **Greenfield Community College (GCC)**, a Green Campus Committee established in 2004 embraces the mission to reduce campus environmental impacts, while four environmental academic programs recognize the connections between issues of sustainability. GCC's achievements include installation of high efficiency HVAC, lighting and heating systems, a new pellet boiler, solar thermal array and a 77 kW solar PV system.



STATE AGENCIES



The recent **Department of Developmental Services (DDS)** \$25 million comprehensive energy project at the Hogan Regional and Wrentham Developmental Centers featured power plant upgrades, combined heat and power, solar thermal, a 522 kW solar PV installation, lighting upgrades, insulation, and repair of over 700 steam traps. In year one, energy savings totaled \$3.2 million and energy use and GHG emissions at Hogan decreased by 77 percent.



The **Massachusetts Department of Environmental Protection (MassDEP)** Wall Experiment Station is Massachusetts first LEED Platinum rated state building. With water efficient plumbing and energy conservation features, the facility is designed to use 40 percent less water and 21 percent less energy than a building built to code.

INDIVIDUALS

As the campus Energy Sustainability Manager at UMass Lowell, **Paul Piraino** oversees UML's Climate Action Plan and a \$9 million utility budget. Paul's accomplishments include energy efficiency projects, energy contracts, on-site renewables and net metering contracts, saving the campus well over \$1 million per year. Paul is assisting the University in developing standards for sustainable practices in new construction and renovation.



As Nantucket's Energy Project and Outreach Coordinator, **Lauren Sinatra** has overseen a 1,000 percent growth in Mass Save program participants since 2011 and the installation of six public electric vehicle stations. She also drafted the winning proposal to make the Nantucket Airport carbon neutral. She plans to implement an LED Streetlight Pilot Program and is working to make Nantucket Public Schools a candidate for the Green Ribbon Schools Program.



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Monday, October 28, 2013, 9:45 AM – 11:00 AM
Massachusetts State House, Great Hall, 2nd Floor

Poster Session

Coffee and Refreshments

Introduction

Eric Friedman, Director, Leading By Example Program, Department of Energy Resources

Welcome

Richard Sullivan, Secretary, Executive Office of Energy and Environmental Affairs

Award Presentations

Richard Sullivan, Secretary, Executive Office of Energy and Environmental Affairs

- *Award Recipient: Town of Arlington*
- *Award Recipient: City of New Bedford*
- *Award Recipient: Town of Amherst*
- *Award Recipient: Town of Chelmsford*

Mark Sylvia, Commissioner, Department of Energy Resources

- *Award Recipient: Framingham State University*
- *Award Recipient: Greenfield Community College*

Remarks from Glen Shor, Secretary, Executive Office of Administration and Finance

Hope Davis, Director, Office of Facilities Management and Maintenance, Division of Capital Asset Management and Maintenance

- *Award Recipient: Department of Developmental Services*
- *Award Recipient: Department of Environmental Protection*

Meg Lusardi, Director, Green Communities Division, Department of Energy Resources

- *Award Recipient: Lauren Sinatra*

Eric Friedman, Director, Leading By Example Program, Department of Energy Resources

- *Award Recipient: Paul Piraino*

Concluding Remarks

Eric Friedman, Director, Leading By Example Program, Department of Energy Resources

Photos will be taken following the awards program.