

*Helping Massachusetts Municipalities Create a Greener Energy Future*

**COMMONWEALTH OF MASSACHUSETTS**

*Deval L. Patrick, Governor*

*Timothy P. Murray, Lt. Governor*

*Richard K. Sullivan Jr., Secretary*

*Mark D. Sylvia, Commissioner*



## **The Green Communities Program – Partnering with Massachusetts Cities and Towns**

*Joanne Bissetta– Regional Coordinator  
Green Communities Division*

**MVPC**  
**June 14, 2011**

# Resources for Municipalities

- Clearinghouse of news and information for energy-related events and opportunities
- MassEnergyInsight
- Energy efficiency assistance
- Energy Leaders Program
- Technical expertise
- Green Community Grant Program

# Green Communities Program

Serving as the hub to all Massachusetts cities and towns on all matters related to energy



617-626-7339 [www.mass.gov/energy/greencommunities](http://www.mass.gov/energy/greencommunities)

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# Information Clearinghouse

- Webinars on topics of interest for cities and towns
  - Solar 101
  - Performance contracting
  - Fuel-efficient vehicles
  - Stretch Code
- ListServ – receive updates on programs and events



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# Update



## Please join DOER's Green Communities multi-agency webinar: Municipalities and Wind Projects

Is your city or town thinking about adding wind power to its portfolio of renewable energy projects? DOER, the Mass Clean Energy Center, Department of Environmental Protection, and Department of Revenue will tag-team to address how wind energy works, siting considerations, development processes, ownership and financing, and outreach that can help municipalities implement a successful wind energy program.

[Register](#) for this session on **Thursday, June 23, 10am-12pm.**

## Clean Energy Technology Showcase



The Massachusetts Clean Energy Center (MassCEC) will host a free showcase of Massachusetts Clean Energy Technologies at the [2011 Clean Technology Conference & Expo](#) in downtown Boston.

The showcase will feature awardees of MassCEC's Investment programs. Please [register](#) for this free opportunity to visit the Clean Technology Expo and attend the MassCEC showcase.

Date & Time	Location
Wednesday, June 15th 4:00-5:30 p.m.	John B. Hynes Convention Center Expo Theater on the Clean Technology Exposition floor



## End-of-Year Savings on LED and Fluorescent Lighting Available

Contractors on OSD's Electrical and Lighting Supplies contract are offering special end of fiscal year pricing with savings of up to 20% compared to current statewide contract prices. All orders must be delivered by June 30 to qualify for this pricing. For additional information contact [Dmitriy Nikolayev](#), Procurement Manager, Facilities & Environmental Services.

## Tailor Which Emails You Receive – Update Your Preferences

Now you can get messages from Green Communities that match your specific interests. Please take just a minute to [manage your preferences](#).

100 Cambridge St. Suite 1020 | Boston, MA 02114 US

This email was sent to [tom.witkin@state.ma.us](mailto:tom.witkin@state.ma.us). To ensure that you continue receiving our emails, please add us to your address book or safe list.

[manage](#) your preferences | [opt out](#) using TrueRemove®.

Got this as a forward? [Sign up](#) to receive our future emails.



# MassEnergyInsight

## MassEnergyInsight

● ● ● ● ● POWERING EFFICIENCY

MassEnergyInsight is a robust, easy-to-use, energy information system with customized electricity, natural gas and oil usage details for cities and towns across Massachusetts. This web-based tool, provided by the Department of Energy Resources (DOER) at *no cost*, offers a wealth of information that provides the foundation for critical decision making, and for your participation in the Green Communities Program.



# MassEnergyInsight

● ● ● ● ● POWERING EFFICIENCY

MassEnergyInsight is available free to all cities and towns. This tool provides access to comprehensive up-to-date energy usage information.

- (1) Benchmarking consumption and identify priority targets
- (2) Measure results
- (3) Develop and monitor emissions inventory and track and report emissions reductions.

Standard Features include:

- Electronic download of utility data
- Standard and custom reporting
- Integration of utility billing/usage data with building and energy end-use information

Monitoring: Electricity Use



**Free training via webinar June 23**



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# Efficiency Assistance

Technical assistance for all buildings owned and operated by cities, towns, regional school districts and other public entities through:

- Benchmarking of structures and detailed energy audits
- Working with Investor Owned Utilities on transitioning the funding and auditing components of the EAP

## Three Year Energy Efficiency Plans

- Investor owned electric and gas utilities are required to provide all available energy efficiency and demand reduction resources that cost less than new energy supply
- Utilities will provide more robust rebates, incentives and programs to meet their goals.
- Plans – IOUs to invest \$2.2 billion in EE measures over 3 yrs



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# Energy Leaders

- Multi-agency effort targeted at drinking water and waste water facilities.
  - Link with utilities for specialized process audits
  - Periodic roundtables
    - Create tools to implement/manage efficiency measures
    - Forum to share results with colleagues
    - Information exchange
- Next Roundtable: Thurs, July 14, Chelmsford Water District

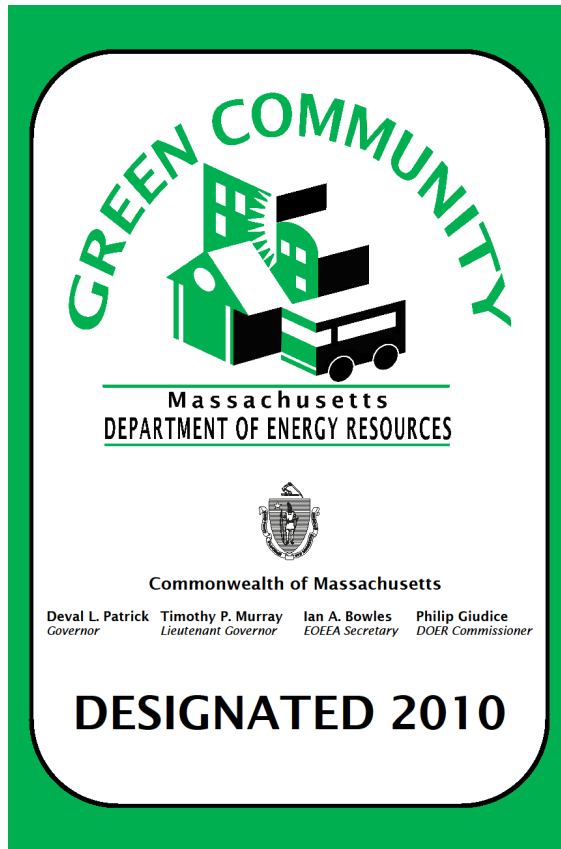
# Technical Expertise

- Energy Performance Contracting Technical Assistance – MGL c25A sections 11C and 11i
  - Provide a guide, model RFR/RFQ and model contract documents
  - Review bid documents
  - Educate and guide communities through the process
- Renewable energy assistance
  - Solar PV on landfill handbook due out @ 1 month

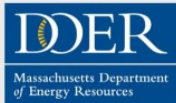
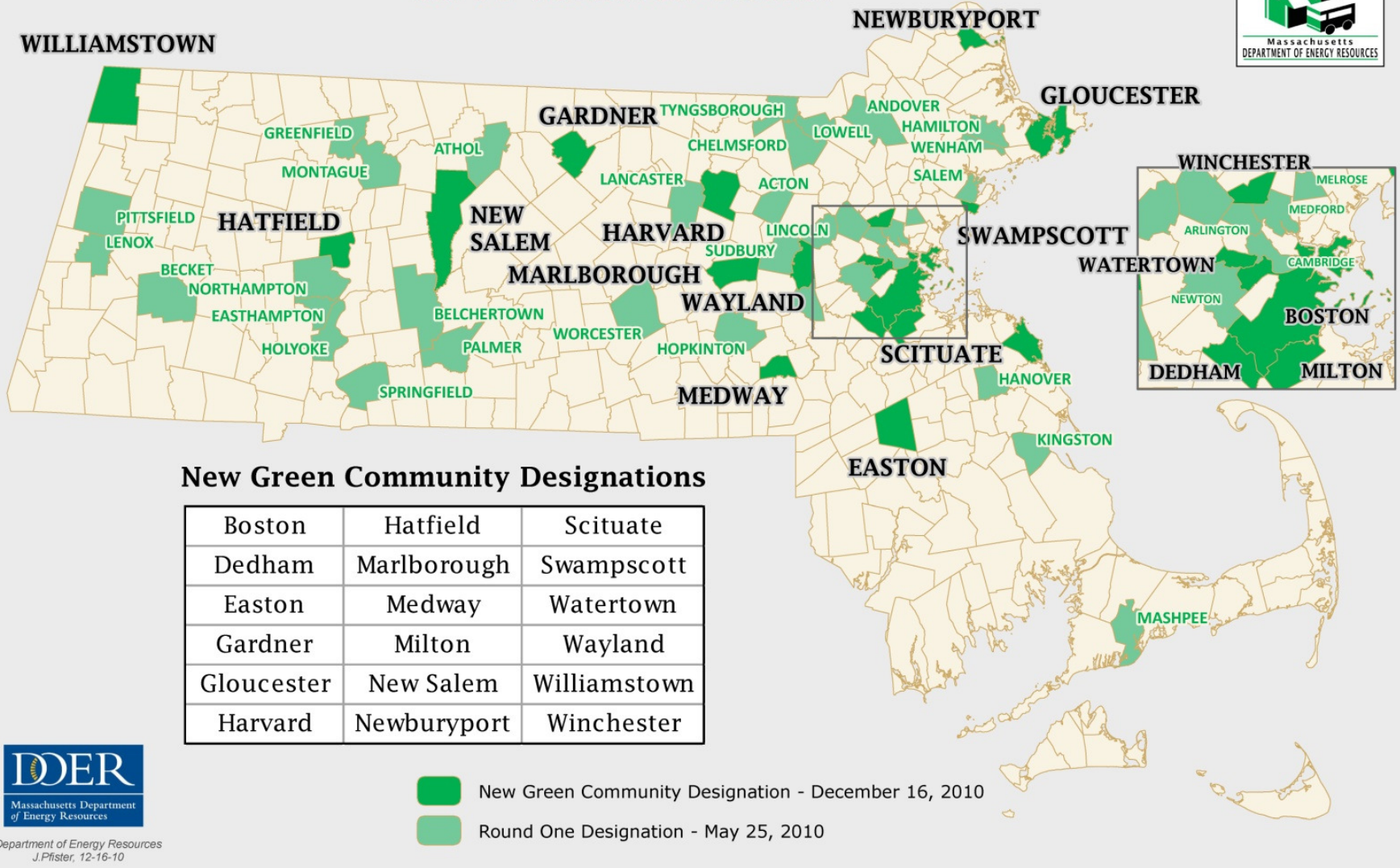
# Green Communities Grant Program

\$11,700,000 has been awarded to 53 Municipalities:

Grants fund significant energy efficiency initiatives, renewable energy, innovative projects



# EIGHTEEN NEW GREEN COMMUNITY DESIGNATIONS ~ FIFTY-THREE IN TOTAL



Department of Energy Resources  
J. Pfister, 12-16-10

# Sampling of Grant-Funded Projects

- **Newburyport:** \$155,000 for energy conservation measures at the police station and City Hall including air sealing, modification of the HVAC system, lighting replacement, and other mechanical systems improvements
- **Andover:** \$160,329 for a municipal lighting retrofit project at six school buildings and two municipal buildings.
- **Chelmsford:** \$187,224 for a 30-kilowatt solar photovoltaic system at Parker Middle School
- **Tyngsborough:** \$161,649 for building envelope improvements in town and school buildings.
- **Gloucester:** \$198,200 for energy conservation measures, including improvements to the O'Malley Middle School building envelope, demand control ventilation upgrades, and the installation of an energy saving ceiling and heat exchanger at the O'Malley Rink

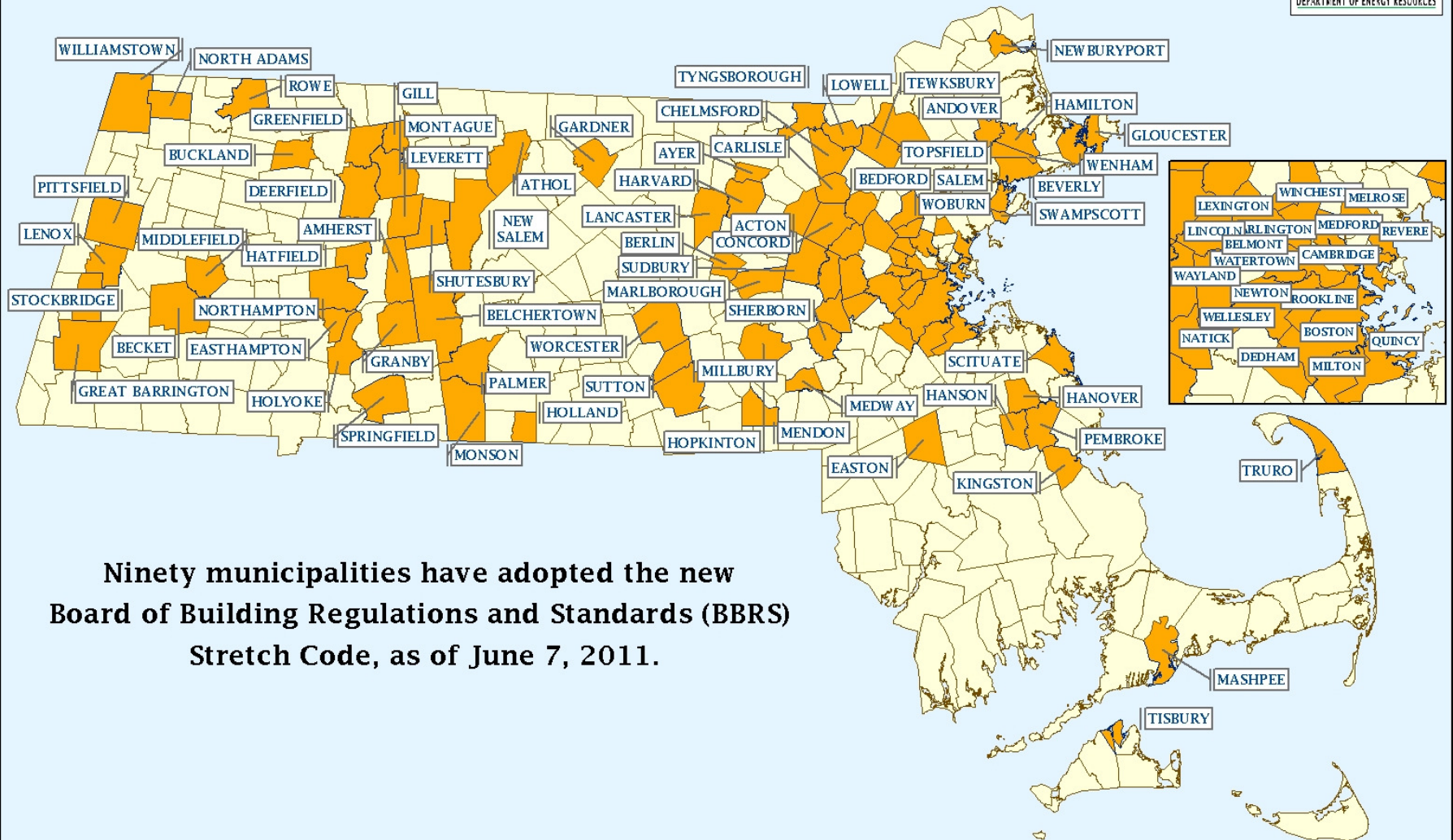


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# Stretch Code Adoption, by Community



**Ninety municipalities have adopted the new Board of Building Regulations and Standards (BBRS) Stretch Code, as of June 7, 2011.**

# Green Communities Resources

- Staff Contacts

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- Website:

- [www.mass.gov/energy/greencommunities](http://www.mass.gov/energy/greencommunities)



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