



COMMONWEALTH OF MASSACHUSETTS

*Deval L. Patrick, Governor
Richard K. Sullivan, Jr., Secretary
Mark Sylvia, Commissioner*

Green Communities Division

*Meg Lusardi, Director
Green Communities Division*

*Buzzards Bay Action
Committee Meeting
October 20, 2011*

Green Communities Division

Serves as the hub for all Massachusetts cities and towns on energy matters



Helping Massachusetts Municipalities Create A Cleaner Energy Future



CONTACTS - REGIONAL COORDINATORS

- Regional Coordinators act as direct liaisons with cities and towns on energy efficiency and renewable energy activities
- Located at each of the DEP Regional Offices:



SERO – LAKEVILLE: Seth Pickering
Seth.Pickering@state.ma.us

NERO – WILMINGTON: Joanne Bissetta
Joanne.Bissetta@state.ma.us

CERO – WORCESTER: Kelly Brown
Kelly.Brown@state.ma.us

WERO – SPRINGFIELD: Jim Barry
Jim.Barry@state.ma.us



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Green Communities Division - Programs & Resources for Municipalities

- Green Communities Designation and Grant Program
- MassEnergyInsight energy tracking and analysis tool
- Municipal Energy Efficiency Program
- Energy Management Services Technical Assistance
- ARRA stimulus funding for cities and towns
- Website filled with tools & resources
www.mass.gov/energy/greencommunities
- Email updates via listserv – Sign up by sending an email to: join-ene-greencommunities@listserv.state.ma.us



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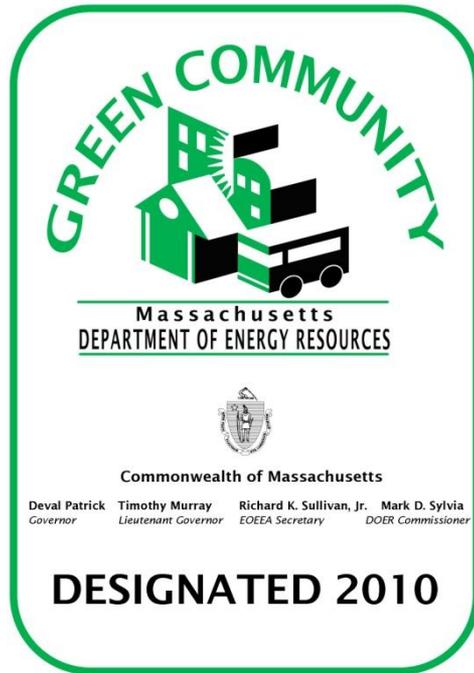
Green Communities Designation and Grant Program

Qualification Criteria - Designation

1. Adopt as-of-right siting for RE/AE generation, R&D, or manufacturing
2. Adopt expedited permitting process
3. Create an Energy Reduction Plan to reduce energy use by 20% in 5 years
4. Purchase only fuel-efficient vehicles
5. Minimize life cycle cost in new construction → adopt the Stretch Code

Grant Funding

1. Energy Efficiency Projects
2. Renewable Energy Projects on municipal land

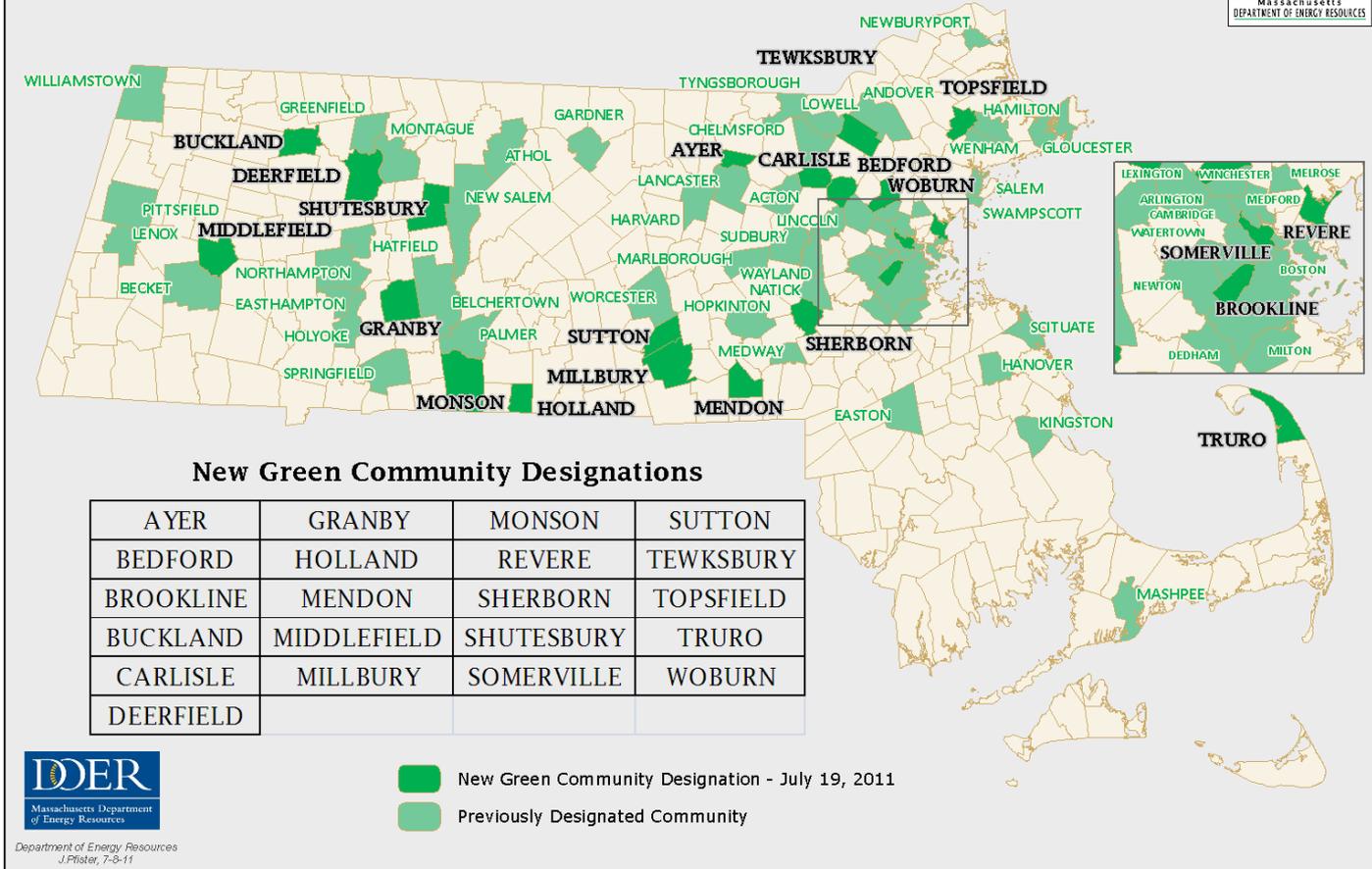


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Meet the Green Communities!

TWENTY-ONE NEW GREEN COMMUNITY DESIGNATIONS
~ SEVENTY-FOUR IN TOTAL



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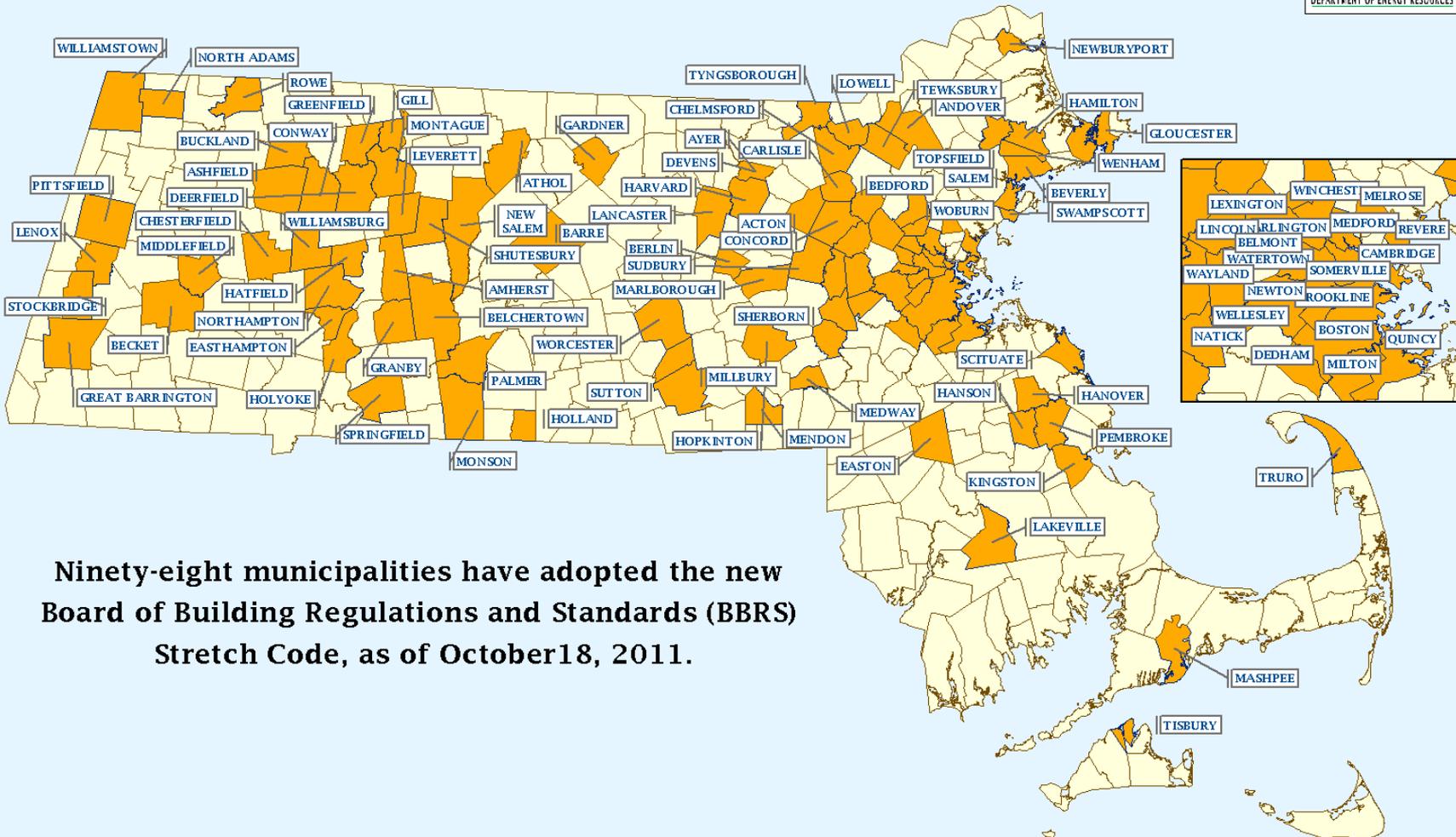
Green Communities Designation and Grant Program – the 74

- 28 communities enacted as-of right zoning for renewable generation
 - 24 provide for ground mounted PV of 250 kW
 - 3 provide for wind of 600 kW
 - 1 provides for both wind and PV
- 30 of first 35 designees, 16 of 18 of the second group, and 19 of 21 received planning assistance.
- Total Energy Reduction for all 74 Energy Reduction Plans – 1,678,093 MMBtus



Green Communities Impact

Stretch Code Adoption, by Community



Ninety-eight municipalities have adopted the new Board of Building Regulations and Standards (BBRS) Stretch Code, as of October 18, 2011.

Green Communities Designation and Grant Program – the 74

- Communities receive Big Bellies, 4 Road Signs and Official Certificate
- Grants allocated by a population/per capita income formula; maximum \$1M.
 - Range from \$130,725 in Hatfield to \$1M for Boston
- Projects being funded include energy conservation measures, energy savings performance contracts, solar PV projects, incremental costs for hybrid vehicles, revolving loan fund, residential efficiency grant programs, energy efficiency coordinators (10%)



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MassEnergyInsight

● ● ● ● ● POWERING EFFICIENCY

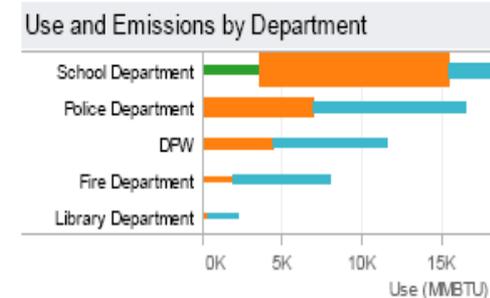
- **FREE** online tool for MA cities, towns, RSD & WTP

• Provides:

- Automated electronic download of utility data
- All energy costs and accounts in one place
- Standard and custom reporting

• One tool to do it all:

- **Benchmark:** track energy use by town, department or building
- **Identify:** least efficient buildings for efficiency action
- **Measure and verify:** energy use trends by building over time



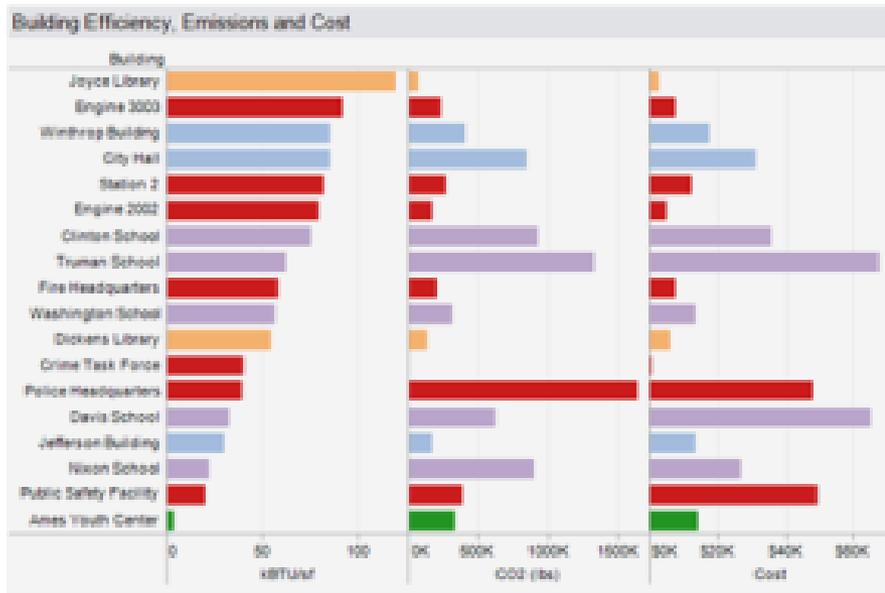
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MassEnergyInsight

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To date more than 400 individuals in more than 200 towns trained to use MassEnergyInsight to benchmark and monitor ongoing energy use, costs, and emissions



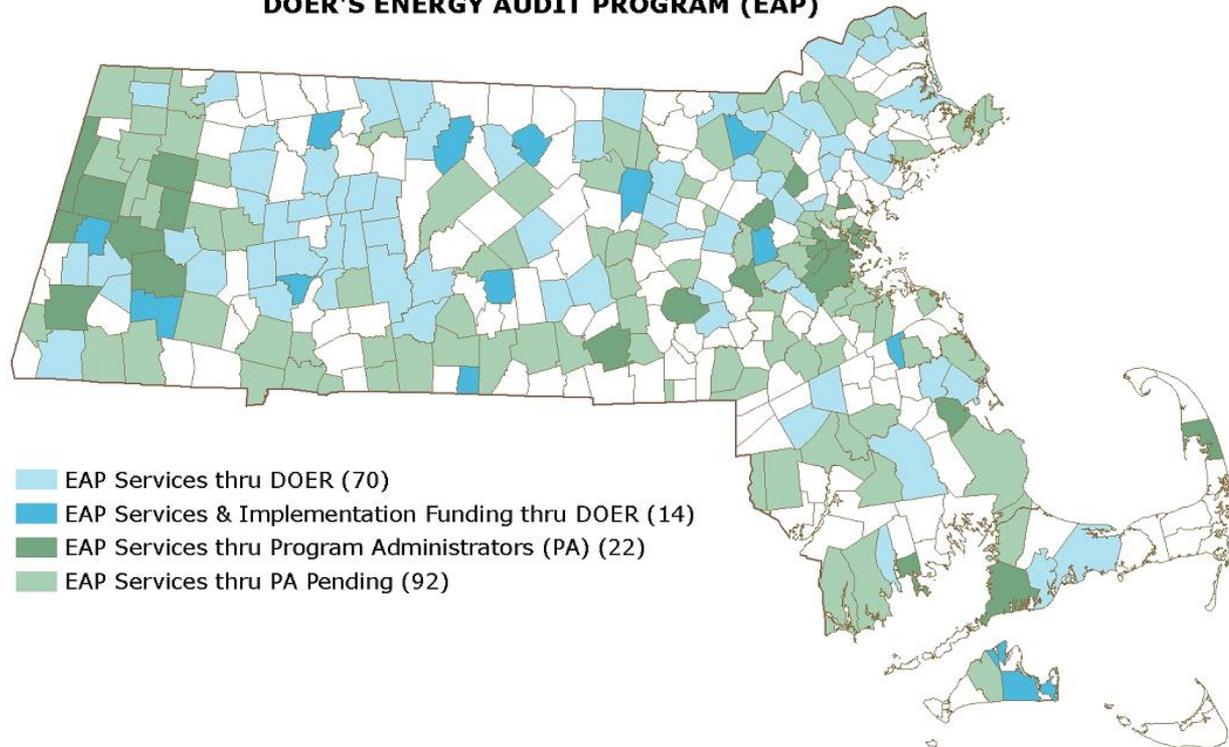
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Municipal Energy Efficiency - EAP

Helping municipalities, school districts, water and waste water districts identify and implement energy efficiency measures

**MUNICIPALITIES PARTICIPATING IN
DOER'S ENERGY AUDIT PROGRAM (EAP)**



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Energy Management Services Assistance – MGL c25A sections 11C and 11i

- Also known as Energy Savings Performance Contracting
- Provide a guide, model RFR/RFQ and model contract documents
- Review bid documents & contracts
- Educate and guide communities through the process

Contact: Eileen McHugh at eileen.mchugh@state.ma.us,
617-626-7305



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Green Communities Division – What's Coming?

- More Outreach and Communication
 - More webinars
 - Quarterly Newsletter
 - Online Community of Practice
- Continued Coordination with Investor-Owned Utilities beyond the EAP Queue
- More Guidance Materials
 - PV on Landfills Handbook
- More Opportunities for Green Communities
 - Competitive Grant Program for already designated communities
 - More Preference Opportunities



- Solarize Mass Pilot – Partnership with MA CEC

- Electric Vehicle Charging Stations
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What Can I do?

- Organize an Energy Committee
- Contact your Regional Coordinator
- Get trained on Mass Energy Insight
- Contact your utility about an audit
- Talk to other municipalities in your region



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Contact Information

Meg Lusardi

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www.mass.gov/energy/greencommunities



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