



Helping Massachusetts Municipalities Create a Greener Energy Future

Cape & Islands Self Reliance Corporation

*Ramping Up Energy Efficiency Webinar
December 14, 2009*

COMMONWEALTH OF MASSACHUSETTS

*Deval L. Patrick, Governor
Timothy P. Murray, Lt. Governor
Ian A. Bowles, Secretary
Phil Giudice, Commissioner*

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

*Seth Pickering
Southeast Regional Coordinator*

Helping Massachusetts Municipalities Create A Greener Energy Future

Green Communities Program

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



Green Communities Program

- DOER Programs/Support for Municipalities
 - Energy Audit Program (EAP)
 - Energy Performance Contracting Technical Assistance
 - Launch of the Energy Information Reporting System
 - Green Communities Grant, Loan and Technical Assistance Program
 - ARRA Stimulus support – EECBG
 - Regional Coordinators

Energy Audit Program (EAP) provides:

- Technical assistance for all buildings owned and operated by cities, towns, regional school districts and waste water treatment plants through:
 - Benchmarking of structures
 - Detailed energy audits (provides list of energy efficiency measures, their costs, estimated energy savings and funding sources, such as utility rebates)
 - Non-conservation assessments - demand response
 - Clean technology feasibility studies when/where appropriate
 - Transitioning funding of program to utilities – Close collaboration

1st Round: 112 Applicants

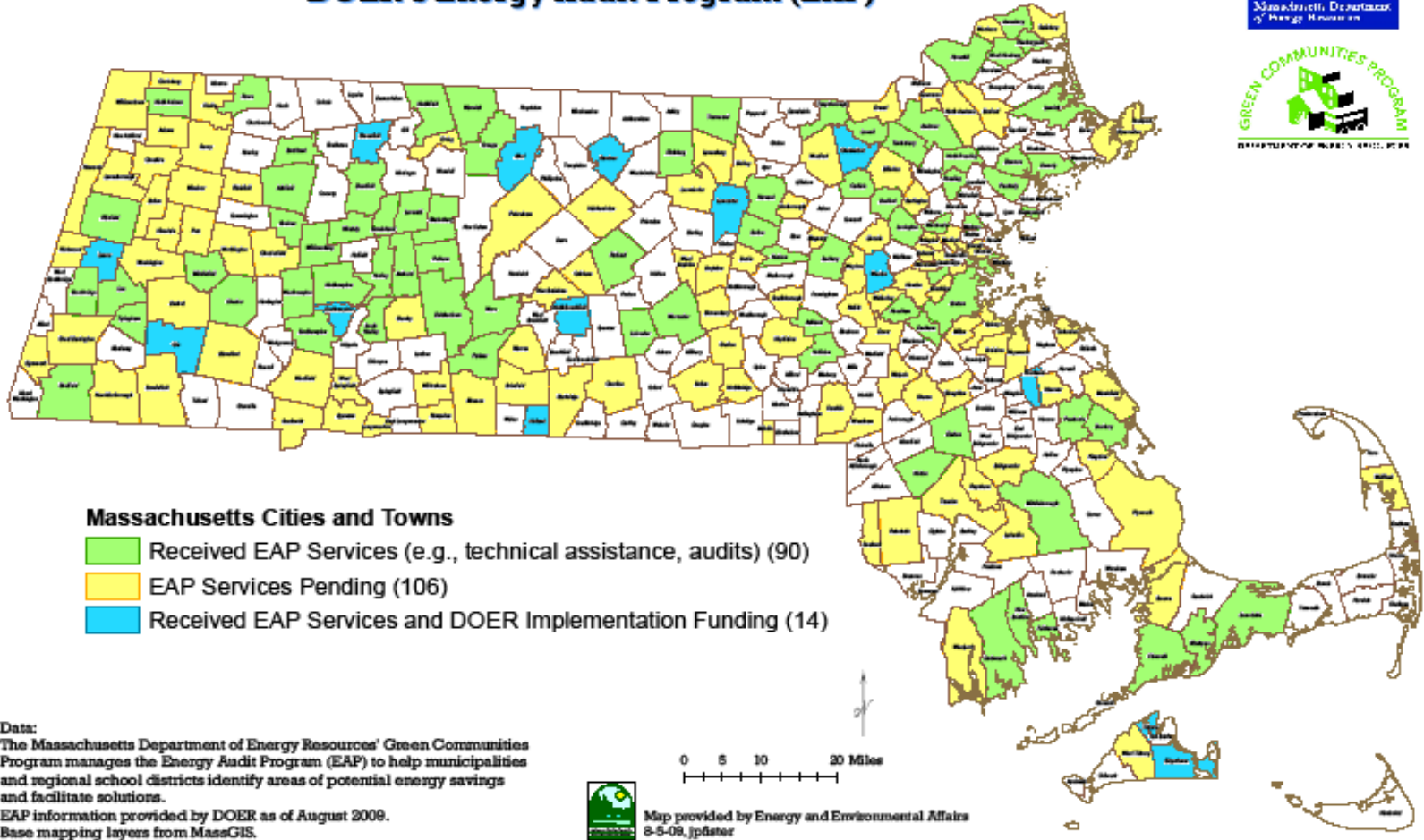
2nd Round Queue: 135

Contact: Scott Durkee

scott.durkee@state.ma.us / (617) 626-7341

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**Municipalities Working with
 DOER's Energy Audit Program (EAP)**



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
- Approximately 25 municipal performance contracts
- Approximately 13 municipalities in process

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

Energy Information Reporting System

EIS will be provided to all 351 cities and towns free of charge. It will provide access to comprehensive up-to-date energy usage and cost Information. Among the uses are:

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

Standard Features of this web based, point and click system include:

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

Roll out anticipated in Winter 2010

Green Communities Grant Program

- Provides up to \$10M annually in grants and loans to **qualifying** communities
 - Grants will fund significant energy efficiency initiatives, renewable energy, innovative projects
- Qualification Criteria
 - File an application
 - Adopt as-of-right siting, in designated locations, for RE/AE generation, or RE/AE R&D, or RE/AE manufacturing
 - Adopt expedited (12 month) application/permitting process
 - Establish an energy use baseline inventory with a program to reduce baseline by 20% in 5 years
 - Purchase only fuel-efficient vehicles
 - Require all new residential construction > 3000 ft², and new commercial and industrial real estate construction to minimize life-cycle energy costs

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Green Communities Grant Program Development

- Funds allocated for Green Communities from RGGI auctions
- Rollout of program
 - RFI to municipalities – 120 Responses
 - Planning Assistance to 106 municipalities (75 individual & 6 regional – 31 municipalities)
 - Issued final criteria on 7/10/09
 - Stretch Code Webinar on 11/19/09 for public officials and future training for building inspectors beginning in January
 - Website, tools added over time:
 - Model as-of-right by-laws
 - Guidance for Expedited Permitting and Energy Reduction Plans
 - Model Energy Efficient Vehicle Policy

Becoming a Green Community – Why Do it?

- Economic Benefits – reduce energy consumption, reduce energy costs
- Environmental benefits – reduce greenhouse gas emissions
- Recognition – Sustainability leader in the Commonwealth
 - Recognized on DOER website, printed materials
 - Recognition sign placed in each community
- Grants - to become even greener

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ARRA – Funding Opportunities for Municipalities

- Energy Efficiency and Conservation Block Grants (EECBG) - \$400M (TBA)
 - competitive nationwide; awaiting guidance
- **Energy Efficiency and Conservation Block Grants (EECBG) – Formula**
 - Municipalities > 35,000 (direct grants from US DOE)
 - Municipalities < 35,000 (competitive grants through DOER)

More Information available at:

www.mass.gov/doer (state and federal)

www.comm-pass.com (state)

www.fedconnect.net (federal)

www.grants.gov (federal)

EECBG Funding Opportunities > 35,000 Direct Grants to Municipalities

- \$27,000,000 in funding available
- 12 eligible activities in areas such as energy efficiency, renewables, material conservation, reduction of GHG,
- 42 municipalities qualify – all applied by the 8/10/09 deadline
- To receive award notices / for more information municipalities must go to www.fedconnect.net

EECBG Funding Opportunities < 35,000 DOER – at least 60% sub-granted to municipalities

- \$14,752,000 awarded to MA
- 80% to be sub-granted through a competitive grant process to cities and towns with a population < 35,000
- Applications due 12/7/09
- Remaining 20% to fund other municipal grants / initiatives
 - Owners Agent competitive grants
 - Bldg Inspector Training
 - Implementation of Energy Information Reporting System
- Applications are available at www.comm-pass.com
- Questions should be posted on www.comm-pass.com or emailed to the grant program coordinator, Diane Gray at diane.gray@state.ma.us

DOER EECBG Grant Programs

Grant Program	Amount Available	Eligible Municipalities	
		All 351	< 35,000
1. Competitive funding will be available for the following projects: <ul style="list-style-type: none"> • Solar PV • Other Clean Energy Technologies • Performance Contract buy-down • Thermal efficiency measures in oil/propane heated buildings only 	\$12,252,100 APPLICATION DUE 12/07/09		X
2. Provide DOER's Energy Information Reporting System	\$700,000 Rollout Winter 2010	X	
3. Energy code training for all local building inspectors	\$175,000 Begin Nov 2009	X	
4. Technical Assistance for owners agents (renewable energy projects, performance contracts)	\$825,000 APPLICATION DUE 12/07/09	X	

OUTREACH - REGIONAL COORDINATORS

- Email updates via **listserv** (~800 subscribers)
- 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 (508) 946-2838

Website:

www.mass.gov/energy/greencommunities