



COMMONWEALTH OF MASSACHUSETTS

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

**GREEN COMMUNITIES
PROGRAM**

Kelly Brown

*Regional Coordinator
Green Communities Division*

November 3, 2010

*Mass Audubon's Broad
Meadow Brook Sanctuary*

Green Communities Division

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



Helping Massachusetts Municipalities Create A Greener Energy Future



GREEN COMMUNITIES GRANT PROGRAM

Green Communities Act established Green Communities Grant Program

-Up to \$10 million per fiscal year for qualifying communities

Qualification Criteria

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. Adopt Stretch Code or minimize life cycle cost



Green Communities Act, M.G.L. Ch. 25A §10

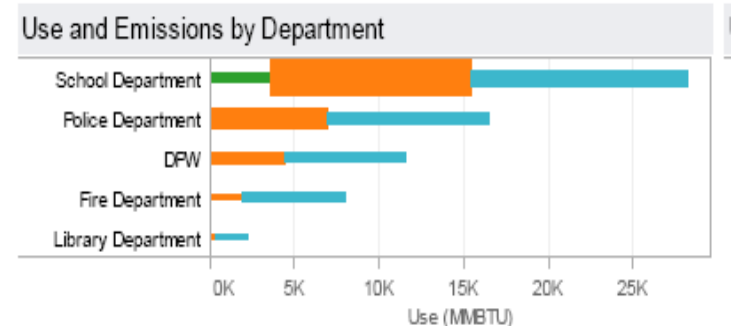
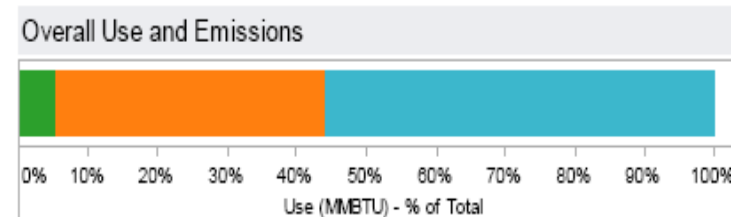
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MassEnergyInsight

● ● ● ● ● POWERING EFFICIENCY

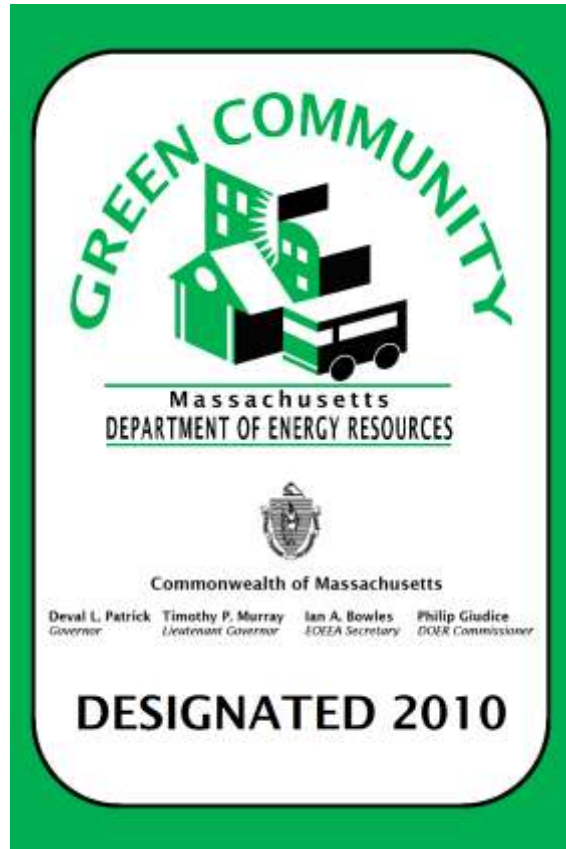
- **FREE** online tool for MA cities, towns & RSD
- 144 towns are current users
- Electronic download of utility data
- All energy costs and accounts in one place
- Standard and custom reporting
- Identify your least efficient energy users
- Track your energy savings by fuel type
- Create GHG emissions reductions reports



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GREEN COMMUNITIES GRANT PROGRAM



- \$8,100,000 was awarded to 35 Municipalities in FY 2010 to *qualifying* communities:
 - Grants will fund significant energy efficiency initiatives, renewable energy, innovative projects
 - Thirty five communities from throughout the state were designated Green Communities by Governor Patrick in May



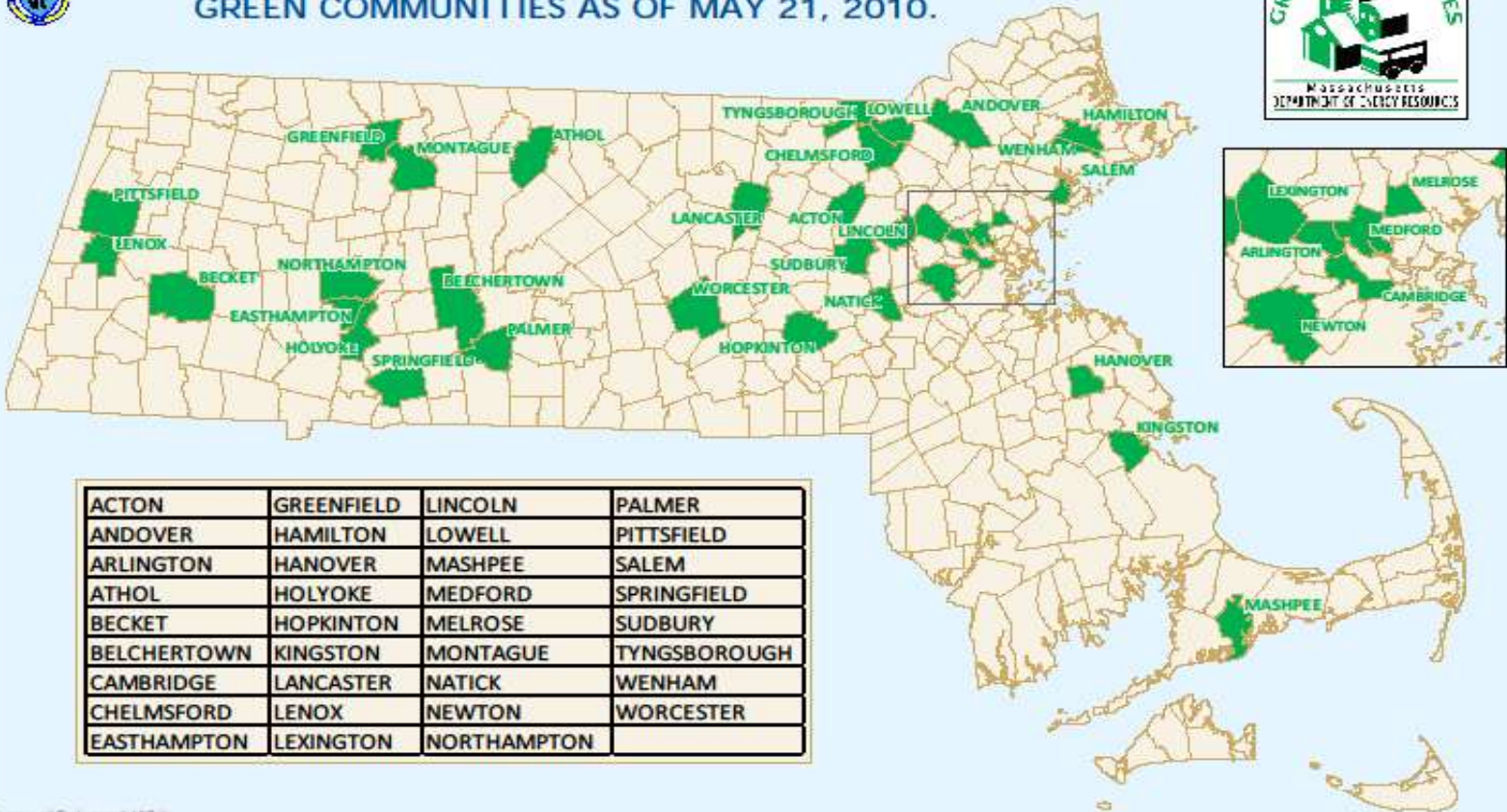
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DESIGNATED GREEN COMMUNITIES



THIRTY-FIVE MUNICIPALITIES DESIGNATED GREEN COMMUNITIES AS OF MAY 21, 2010.



ACTON	GREENFIELD	LINCOLN	PALMER
ANDOVER	HAMILTON	LOWELL	PITTSFIELD
ARLINGTON	HANOVER	MASHPEE	SALEM
ATHOL	HOLYOKE	MEDFORD	SPRINGFIELD
BECKET	HOPKINTON	MELROSE	SUDBURY
BELCHERTOWN	KINGSTON	MONTAGUE	TYNGSBOROUGH
CAMBRIDGE	LANCASTER	NATICK	WENHAM
CHELMSFORD	LENOX	NEWTON	WORCESTER
EASTHAMPTON	LEXINGTON	NORTHAMPTON	

Energy and Environmental Affairs
J.P. Bates, 5-21-10



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FY2010 GREEN COMMUNITIES

- 35 Green Communities
 - Population ranges from Becket (1,800) to Worcester (182,000)
 - Distributed across state
- Ten communities enacted as-of right zoning for renewable generation
 - Nine provide for ground mounted PV of 250 kW
 - Wenham and Kingston provide for wind of 600 kW
- 30 of 35 designees received FY2010 planning assistance
- All 35 communities adopted the Stretch Code
- Grants were allocated by a population/per capita income formula - ranging from \$135,000 to \$988,000
- Total MMBTu Reduction– 821,759, which is 6,355 households.



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Green Community Award to Worcester



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Sampling of Grant-Funded Projects

- **Acton:** \$150,794 for energy conservation measures at the public library, an HVAC analysis of town hall, tankless hot water heaters and an energy education and outreach program.
- **Hopkinton** - \$137,502 for various energy efficiency measures in the school buildings, DPW Garage, Police Department, Fire Department and Senior Center.
- **Lancaster** - \$141,114 towards various energy efficiency measures at the Town Hall, Library, Fire Station, Police Station, Community Center and DPW building; the installation of a solar PV project at the Police Department; an energy analysis of the town hall and the incremental costs of a hybrid vehicle.
- **Worcester** - \$852,083 to fund a residential stretch code implementation program that provides grants to property owners to upgrade existing buildings to meet the performance requirements of the Stretch Energy Code and to fund an outreach campaign to market the program and educate residents about the stretch energy code.



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FY2011 DESIGNATION AND GRANT APPLICATION TIMELINE

DATE	EVENT
Friday, October 15, 2010	Deadline for designation application preliminary consultations
Friday, November 19, 2010	Deadline for designation applications
Friday, December 17, 2010	Begin accepting grant applications
Friday, January 21, 2011	Deadline for grant applications

Application available at: <http://tiny.cc/GreenCToolkit>



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Stretch Code Communities



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www.mass.gov/energy/greencommunities



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