



# Cape Light Compact Green Affordable Homes Program

February 27, 2007

# Meeting Agenda

- Welcome
- Review Handouts
- About Cape Light Compact and MTC
- Background on Program Development
- About the Green Affordable Homes Program
- Schedule and Next Steps
- Questions and Answers

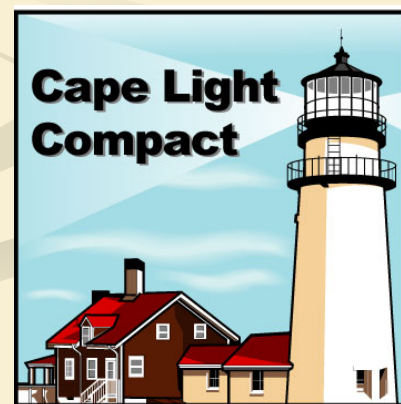
# Handouts for Program Launch

## set for February 27, 2007

- Pre-Application Form
- Application Form
  - Terms and Conditions
  - Program Guidelines (Exhibit A)
  - Attachment 1 – LEED-H Checklist (V. 1.11 November 2006)
  - Attachment 2 – Home Size Chart (Points for Home Size)
  - Attachment 3 – Size Chart for Larger Homes
  - Attachment 4-1 Renewable Systems Minimum Technical Standards
  - Attachment 4-2 Renewable System Application Forms and Instructions
- GAH Program FAQ (including Process Sheet)
- Contact Sheet (including Technical Assistance Vendor(s) TA's)
- LEED® for Homes FAQ (example of LEED Home)
- This Presentation

# Cape Light Compact

- Represents all 15 Cape Cod and 6 Martha's Vineyard towns and 2 Counties
- Inter-municipal Organization
- Formed in 1997
- Municipal Aggregator, obtain competitive power supply
- Administer Energy Efficiency Programs
- Advocate for Consumers

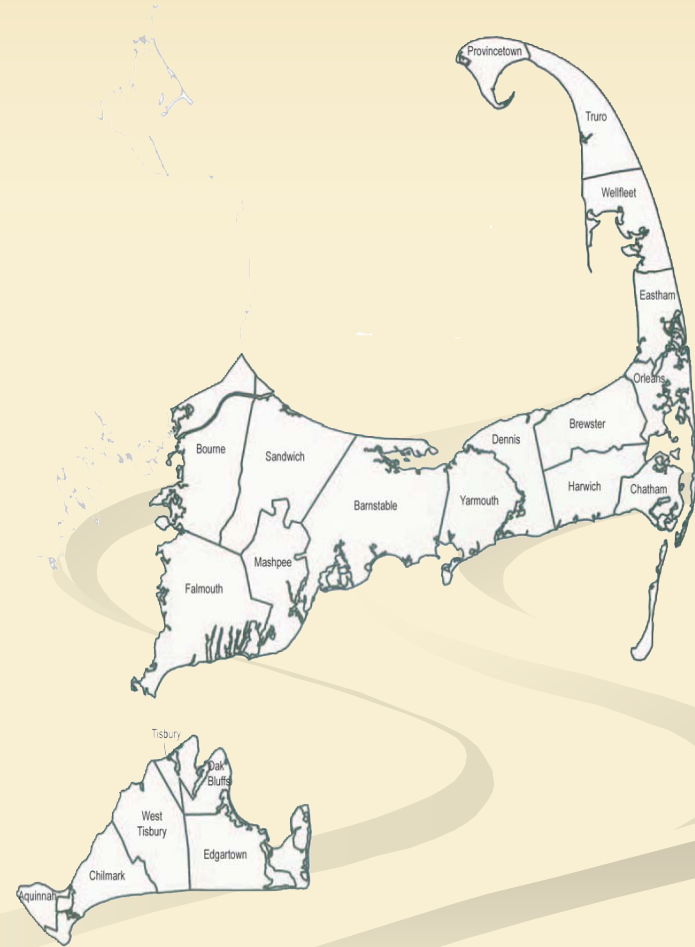


# About MTC and LEED

- MTC administers the Renewable Energy Trust, which was established to generate the maximum economic and environmental benefits from clean energy resources for the Commonwealth. The Trust has funded more than 500 clean energy projects across Massachusetts. Please visit the agency's website [www.masstech.org](http://www.masstech.org) for more information.
- LEED for Homes (LEED-H) is a voluntary initiative to promote the transformation of the mainstream home building industry towards more sustainable practices. LEED stands for Leadership in Energy and Environmental Design. LEED-H is targeting the top 25% of homes with best practice environmental features. LEED-H is a collaborative initiative that actively works with all sectors of the home building industry. Please visit the U.S. Green Building Council at [www.usgbc.org/LEED/](http://www.usgbc.org/LEED/) for more information.

# Solarize Our Schools and Cape Light Compact Green<sup>sm</sup>

- 2 kW PV Systems on a school or town building in all 21 towns
- Energy and Renewable Energy Certificates (RECs) provide savings and revenue to facilities
- Supports CLC Green<sup>sm</sup> opt-in power supply product



# Program Grantees

- Boston Community Capital and MHP  
\$5,000,000
- Cape Light Compact  
\$1,500,000
- City of Boston, Dept. of Neighborhood Development  
\$2,000,000
- HAP, Inc.  
\$2,000,000
- MA Dept. of Housing and Community Development  
\$1,500,000
- WinnDevelopment  
\$2,500,000

# About GAH

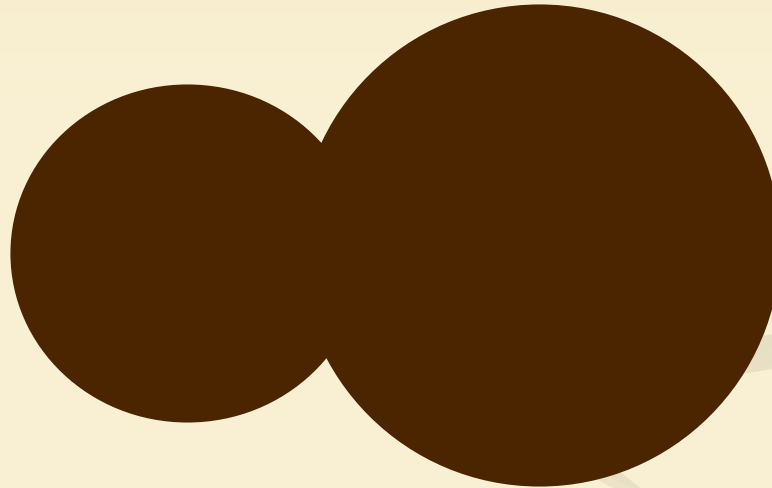
- 2003 – 2004 New Construction Demo Project
- March, 2006 Proposal Submitted to MTC
- November 14, 2006 Agreement Effective Date
- Summary Elements of the Program:
  - Affordable new construction
  - Target completions by May, 2009
  - Energy Star® rated new homes
  - LEED-H® rated “green” homes
  - Renewable Energy systems

# Funding

## Leverage Energy Efficiency and Renewable Trust

### Cape Light Compact

From CLC Energy  
Efficiency  
Program Funds  
for Program Design,  
Technical Assistance,  
Building Performance  
Incentives



### MTC

for Technical  
Assistance,  
Building Performance  
Incentives,  
Renewable Energy  
Systems

# Eligibility

- Affordable Criteria
  - MA G.L. Ch. 40B Sec. 20 (affordable definition) AND
  - MA G.L. Ch. 184 Sec. 31 (restriction)
- Cape Cod and Martha's Vineyard homes
- New construction (including complete rehabilitation of existing units, “gut rehab”)
- Must have occupancy by May 31, 2009
- Ability to include renewable energy systems
- Agree to terms and conditions

# Program Incentives

Tier	Requirements		Financial Incentives (per unit)	
	<u>LEED</u> [1]	<b>ENERGY STAR</b>	<b>Green Homes</b>	<u>Incentive Rebate Cap</u> [2]
Tier 1	LEED for Homes Certified (30-49 points)	HERS Index of 50 or less.	\$2,000	\$20,000
Tier 2	LEED for Homes Silver (50-69 points)	HERS Index of 45 or less.	\$4,000	\$20,000
Tier 3	LEED for Homes Gold (70-89 points)	HERS Index of 40 or less.	\$9,000	\$20,000
Tier 4	LEED for Homes Platinum (90-107 points)	HERS Index of 35 or less.	\$19,000	\$20,000

[1] Points associated with Tiers may change with new versions of the LEED for Homes – Project Checklist. The Compact will use the most recent version of the LEED for Homes – Project Checklist to determine Tier achieved.

[2] For more information on the calculation of rebates for renewable systems, please refer to Attachment 4-2.

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# Solar Hot Water

## Program Support from KeySpan

- For both commercial and residential project installed up to April, 2008;
- Residential Customer Offer: \$1,500 off project costs awarded upon completion;
- C&I Customer Offer: \$1.50 per therm est'd savings during first year of systems' installation, up to 50% project costs, max. award of \$100,000 (Preliminary Free Energy Audit is required).



# KeySpan Solar Hot Water Program continued

- Supports solar systems used for space heating, water heating or pool heating (for C&I customers, Make-Up Air Heating);
- Portable systems are not eligible;
- Complete systems require SRCC\* ratings
- At least 5 yr warranty on components & installation
- Other conditions apply



\*SRCC – Solar Rating Certification Corporation

# Next Steps

- Program Launch 2/27/07
- Technical Assistance (TA's) Available 2/27/07
- Pre-Appl. Form Submittals 3/14/07
- CLC Project Review/Selection 4/3/07
- Project Notification 4/5/07
- Meeting of Participants 4/12/07
- Participants Submit Applications 4/19/07
- Program Underway 4/20/07 +

# Contact Information

Energy Efficiency Programs:

- Kevin Galligan, Program Manager  
(508) 375-6828 [kfg@cape.com](mailto:kfg@cape.com)

***Key day-to-day Green Affordable Homes contact:***

- Margaret Song, Residential and Marketing Coord.  
(508) 375-6843 [msong@cape.com](mailto:msong@cape.com)

# Renewable Energy Resources

- MTC Large Onsite Renewables Initiative
  - [www.masstech.org/RenewableEnergy/large\\_renewables.htm](http://www.masstech.org/RenewableEnergy/large_renewables.htm)
- MTC Small Renewables Initiative (systems of 10 kW or less)
  - [www.masstech.org/RenewableEnergy/small\\_renewables.htm](http://www.masstech.org/RenewableEnergy/small_renewables.htm)
- MTC Solar Guidebook and Financial Model
  - [www.masstech.org/cleanenergy/cando/howto.htm](http://www.masstech.org/cleanenergy/cando/howto.htm)
- General Information on Green Buildings
  - [www.nesea.org/buildings/](http://www.nesea.org/buildings/)

# Thank You!



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