Family Emergency Preparedness
Greg Abbe, Cape Light Compact
Goals for Today

The Basics about Cape Light Compact

Test Your Energy Efficiency Knowledge

Opportunities for Improvement
The Basics of Cape Light Compact

Who are we?
Who is Cape Light Compact?

- Public Entity formed in 1997 to advance the interests in consumers in the newly restructured electric industry
- Serves the 21 towns and 2 counties encompassing Cape Cod and Martha’s Vineyard
- Governing Board comprised of appointed individuals who represent each member town’s interests
- Serves 200,000+ consumers on Cape Cod and Martha’s Vineyard
- Office Located in the Superior Courthouse in Barnstable Village
- Administers $100+ million annual power supply contract (Since 2003)
- Operations funded through a ‘mil adder’ incorporated into our customers electric bill (formerly by Barnstable County)
- Deliver a Comprehensive Approach to Energy Services
Comprehensive Approach to Energy Services

- Competitive Power Supply with Green Option
- Effective Consumer Advocacy
- Energy Efficiency Programs and Education
Key Acts for the Compact

• The MA Electricity Restructuring Act of 1997 enables towns and cities to establish municipal aggregators like Cape Light Compact, that could:
  1. Purchase power on behalf of all customers in the municipality
  2. Implement the rate payer funded energy efficiency programs instead of the local electric utility

• The MA Green Communities Act of 2008 established a new statewide energy efficiency planning process, impacts municipal aggregators
  1. Three-year MA Department of Public Utilities (DPU) approved Energy Efficiency Plan
  2. Significant funding increases for “all cost-effective measures”
  3. Energy Efficiency Advisory Council, Statewide Working Groups
Who’s Paying for All of This?

Ratepayer funding of Cape Light Compact Energy Efficiency Programs
Resiliency and Energy Efficiency Can Go Hand-in-Hand

• A few common concepts:
  • EE & Food Spoilage Prevention
  • EE & Generator Efficiency
  • EE & Home Comfort
Test Your Energy Efficiency Knowledge

What’s wrong with your picture?
Un-Insulated, Un-Covered Attic Access

What’s Wrong Here...
Air Gap in Bulkhead Door
Half-Empty (or full) Refrigerator

What’s Wrong Here…
Air Gap Around Ceiling Penetrations

What’s Wrong Here…
Bath Fan Vented Directly Into Attic
Before… Chimney chase open to basement

After…

What’s Wrong Here…
What’s Wrong Here…

Non-continuous Insulation

No Contact between Insulation and Floor

Evidence of bulk moisture and mold
Uninsulated rim and band joist located above insulated foundation walls.
What’s Wrong Here…

Insulation removed from Kraft facing
What's Wrong Here…

Nothing!

Except for this incandescent light bulb
What’s Wrong Here…

Kinked supply ducts
What's Wrong Here…

Duct connecting Supply and Return
Water Heater starting to deteriorate

What’s Wrong Here...
What’s Wrong Here…

Un-insulated water pipes
What's Wrong Here…

Poorly Insulated Roof Structure

Skylight Framing

Recessed Ceiling Lights?
Cold Ceiling (poorly insulated attic) collects moisture and any particles in the air, staining ceilings.
Poorly insulated and air sealed home creating Ice dams
Cape Light Compact Free Energy Assessment
Call 1-800-797-6699  www.capelightcompact.org

A qualified Energy Analyst performs an energy audit on your home using a “Whole-House” approach which includes:

- Analysis of historical energy consumption using utility bills
- Comprehensive Assessment Identifying Energy Efficiency Opportunities
- Combustion Appliance Testing (checking for safety and efficiency)
- Replacing Incandescent light bulbs with Installation of Energy Efficient Lighting
- Identification of Cost-Effective Energy Efficiency Opportunities
- Home Energy Action Plan- Providing Recommendations and energy savings projections
- Generous Incentives for recommended measures
0% Interest HEAT Loan Program

Up to $25,000 with Repayment Terms up to 7 Years for Eligible Measures Including:

*Loan eligibility is determined by the lender. Must receive Energy Assessment

- Air Sealing, Insulation and Duct Improvements
- Domestic Hot Water Systems
- Heating Systems and Thermostat Controls
- Central Air Conditioning Systems
- Pre-Weatherization Barrier Remediation

Now Available for Condo Owners!

Finance your 25% co-payment for weatherization measures
Get rid of that old inefficient heating system without breaking the bank!
Replace your old AC system or Install one for the first time
1. Chimney Balloon
   $36 rebate  A removable, reusable, and durable device that helps to stop airflow, odor, and debris from flowing through your chimney.

2. Heating Systems, Controls, & Water Heaters
   $100-1200 rebate* for oil & propane heating systems.

3. Central Air Conditioning
   $250-500 rebate for central cooling and minisplit heat pump systems.

4. Efficient Thermostats*
   limit 2 per customer (oil & propane)
   $25 rebate for programmable thermostat.
   Up to $100 rebate for Wireless Enabled thermostat.


6. Solar Domestic Hot Water $500-1500 rebate for solar domestic hot water heating systems. Rebate amount depends on number of household members. Pre-approval required and must replace electric hot water heater.

7. Appliances
   $40 rebate for an ENERGY STAR® Room Air Cleaner.

8. Dehumidifier
   $30 rebate on ENERGY STAR® certified dehumidifiers.

9. Clothes Dryer
   $50 rebate for ENERGY STAR® certified electric clothes dryers.

Mass Save® HEAT Loan Program
The HEAT Loan Program provides loans up to $25,000 with 0% interest and terms up to 7 years for approved measures.** To apply for the loan you must own a one to four-family home and have a home energy assessment. To view eligibility requirements, please visit www.capelightcompact.org/heat.

www.capelightcompact.org/ResRebates

*Natural gas equipment related rebates are available through GasNetworks at www.gasnetworks.com.

**Subject to lender approval.
Thank you!

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