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 JPE?

- Public Entity formed in 1997 to advance the interests in consumers in the newly restructured electric industry
- Serves the 21 towns and Duke’s County 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 on Whites Path in South Yarmouth
- Administers $100+ million annual power supply contract (Since 2003)
- Operations funded through a ‘mil adder’ incorporated into our customers electric bill
- Deliver a Comprehensive Approach to Energy Services
Who’s Paying for All of This?

Ratepayer funding of Cape Light Compact Energy Efficiency Programs

Your Name Here
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?
First, Some Basics
What's Wrong Here…

Un-Insulated, Un-Covered Attic Access
Air Gap in Bulkhead Door

What’s Wrong Here…
Half-Empty (or full) Refrigerator

What’s Wrong Here…
What’s Wrong Here…

Air Gap Around Ceiling Penetrations
Bath Fan Vented Directly Into Attic
What's Wrong Here…

Before…
Chimney chase open to basement

After…
Non-continuous Insulation

No Contact between Insulation and Floor

Evidence of bulk moisture and mold

What’s Wrong Here…
Uninsulated rim and band joist located above insulated foundation walls.
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
What's Wrong Here…

Water Heater starting to deteriorate
What’s Wrong Here…

Uninsulated 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

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
$35 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
$100-1750 rebate* for oil & propane heating systems.

3. Central Air Conditioning
up to $500 rebate for central cooling and central heat pump systems.
up to $300 rebate per indoor unit for mini-split 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.

Cape Light Compact’s Home Energy Assessment
Includes Free replacement of inefficient light bulbs, Free air sealing, and will cover 75% of the cost up to $4,000 to install recommended insulation for eligible homes. Please call (800) 797-6689 to schedule your free home energy assessment today! Additional benefits for income qualified customers.

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.

5. Heat Pump Water Heaters up to $750 rebate for qualified electric hot water replacements.

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.

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

**Subject to lender approval.

www.capelightcompact.org/ResRebates
Thank you!

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