



AN ENERGY EFFICIENT FRAMINGHAM



IMPROVING ENERGY EFFICIENCY THROUGH MASS SAVE

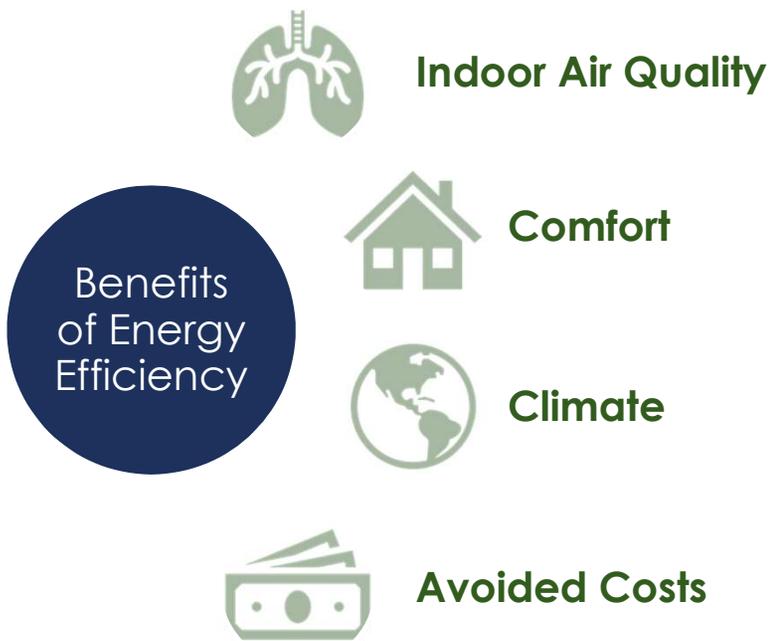
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Sustainability Coordinator

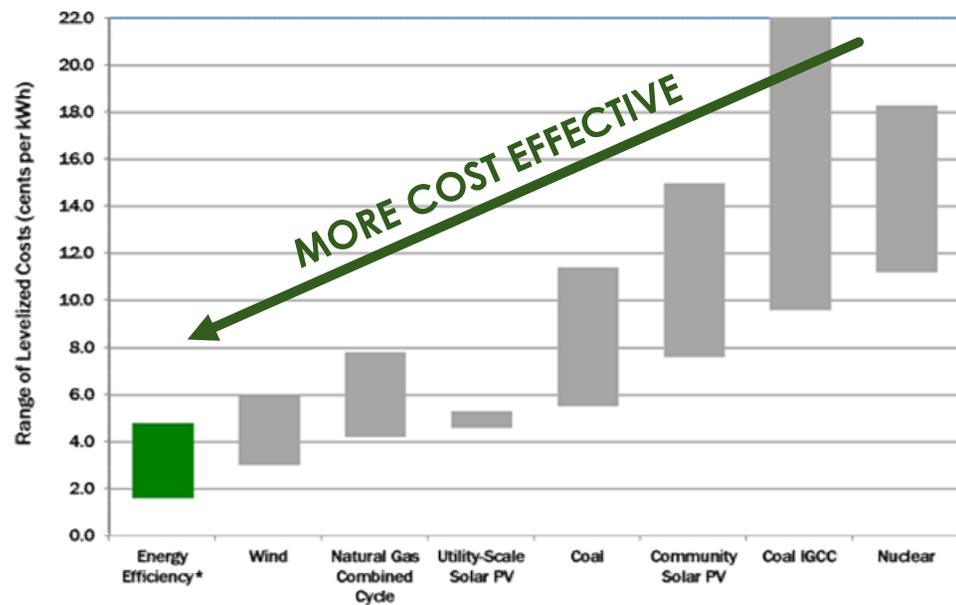
Department of Capital Projects & Facilities Management

City of Framingham

THE IMPORTANCE OF ENERGY EFFICIENCY



Levelized Cost of Electricity Resources



*Notes: Energy efficiency program portfolio data from Molina 2014; All other data from Lazard 2017. High-end range of coal includes 90% carbon capture and compression.

American Council for an Energy-Efficient Future (ACEEE)

POWERING CONTINUED ENERGY SAVINGS

Energy codes drive energy efficiency improvements in the construction of **new** homes and businesses...



But what about existing buildings?

“Approximately 2/3 of the building area that exists today will still exist in 2050”

– Architecture 2030

MASS SAVE MUNICIPAL PARTNERSHIP



WHAT IS MASS SAVE?

Total Charges for Electricity

Supplier (Eversource)		
Generation Service Charge	600 kWh X .10050	\$60.30
Subtotal Supply Services		\$60.30
Delivery (Rate 32)		
Customer Charge		\$3.73
Distribution Charge	600 kWh X .06721	\$40.33
Transition Charge	600 kWh X .00264	\$1.58
Transmission Charge	600 kWh X .02025	\$12.15
Revenue Decoupling Charge	600 kWh X .00050	\$0.30
Distributed Solar Charge	600 kWh X .00050	\$0.30
Renewable Energy Charge	600 kWh X .00050	\$0.30
Energy Efficiency Charge	600 kWh X .00250	\$1.50
Subtotal Delivery Services		\$60.19
Total Cost of Electricity		\$120.49

- **Mass Save is a collaborative of electric and natural gas utilities in Massachusetts** that provides programs and services to help residents and businesses save energy and money.
- **Every resident and business in Framingham served by Eversource pays an energy efficiency charge to support the programs and services offered by Mass Save.**

OPPORTUNITIES FOR HOMES (1 – 4 UNITS)



Home
1-4 Family Properties



- **No-cost energy assessments**

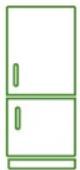
- No-cost LED lightbulbs, faucet aerators, power strips, and showerheads.



- **75% -100% off insulation improvements** in your home and no-cost air sealing.



- Appliance rebates and no-cost recycling of fridges and freezers alongside a \$75 reward.



OPPORTUNITIES FOR HOMES (1 – 4 UNITS)



Home
1-4 Family Properties



- Rebates and incentives up to **\$2,750 for new heating and cooling equipment.**



- **0% HEAT Loan financing** for energy efficiency improvements.
- **Enhanced benefits** through the income eligible program.



OPPORTUNITIES FOR LARGE MULTIFAMILY HOMES



Multi-Family
5+ Unit Properties



- Renters in 5+ unit facilities can receive **Energy Saving Kits** after completing an Online Home Energy Assessment with LED light bulbs, advanced power strips, faucet aerators, and more.

Property managers can receive enhanced incentives for various energy efficiency measures such as:

- Energy-efficient lighting upgrades and controls
- Occupancy sensors
- Water heating equipment
- Low-flow showerheads, faucet aerators, and pipe wrap
- Programmable thermostats
- Insulation and air sealing of drafty areas
- High-efficiency heating and cooling equipment and controls
- ENERGY STAR® certified refrigerators and other eligible appliances

Property managers with income-eligible multifamily properties with 5+ units may be eligible for upgrades at

OPPORTUNITIES FOR SMALL BUSINESSES



Business



- **No-cost, no-obligation energy assessments.**
 - Eversource typically pays **up to 70% of costs of energy efficiency measures from the assessment.**
- Measures include:
 - Lighting Systems Upgrades & Controls
 - Refrigeration Controls and Cooler Upgrades
 - HVAC System Controls and Upgrades
 - Air Sealing and Weatherization
 - Faucet Aerators
 - Other Custom Measures

TAKING THE FIRST STEPS



Home
1-4 Family Properties



Multi-Family
5+ Unit Properties

1 IDENTIFY ELIGIBILITY FOR INCOME-BASED OFFERS

Number of
Household
Members

Annual Household Income

	Income Eligible Program	Enhanced Residential Program
1	\$37,360	\$37,361 up to \$49,689
2	\$48,855	\$48,856 up to \$64,977
3	\$60,351	\$60,352 up to \$80,267
4	\$71,846	\$71,847 up to \$95,555
5	\$83,341	\$83,342 up to \$110,844
6	\$94,837	\$94,838 up to \$126,133
7	\$96,992	\$96,993 up to \$128,999
8	\$99,147	\$99,148 up to \$131,866
9	\$101,303	\$101,304 up to \$134,733
10	\$103,458	\$103,459 up to \$137,599

If you are a homeowner, renter of a 1 – 4 unit multifamily home, or a property manager of a 5+ unit multifamily building, check your household's income eligibility or the income eligibility of your tenants for enhanced incentives for energy saving projects:

- Homeowners and Renters (1 – 4 units):
 - Enhanced Residential Program
 - Income Eligible Program
- Landlords and Property Managers (5+ units):
 - Income Eligible Multi-Family Retrofit Program (LEAN)

TAKING THE FIRST STEPS

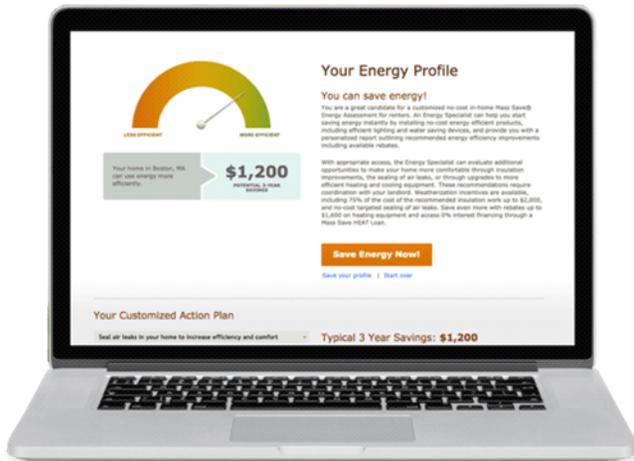


Home
1-4 Family Properties



Multi-Family
5+ Unit Properties

2 COMPLETE AN ONLINE HOME ENERGY ASSESSMENT



All homeowners and renters should complete an online home energy assessment to learn about their home energy profile and basic opportunities for savings.

If they are eligible, this process will also help them schedule a no-cost energy assessment or direct them to other energy savings resources:

- [Online Home Energy Assessment](#)

TAKING THE FIRST STEPS



Home
1-4 Family Properties



Multi-Family
5+ Unit Properties



Business

3 SCHEDULE AN IN-PERSON VISIT

Homeowners, renters (1 – 4 units), landlords and property managers, as well as business owners can schedule an energy assessment that will allow them to receive no-cost upgrades while providing them with detailed information on energy-saving opportunities and available incentives:

- **Homeowners and Renters (1 – 4 units)**
Income Eligible: 866-537-7267
Main Contact: 866-527-SAVE (7283)
- **Landlords / Property Owners (1 – 4 Units)**
Income Eligible: 866-537-7267
Main Contact: 866-527-SAVE (7283)
- **Landlords / Property Owners (5+ Units)**
Income Eligible: leanmultifamily.org
Main Contact: 800-594-7277
- **Renters (5+ Units)**
Main Contact: 800-594-7277
- **Business Owners**
Main Contact: 844-887-1400

OUR GOALS FOR 2019 - 2020 → 2020 - 2021

- Completed Online Residential Energy Assessments



- Residential Heating and Cooling Upgrades



- Residential Weatherization (Insulation/Air Sealing)



- Small Business Turnkey Participation



QUESTIONS & CONTACT INFORMATION



THANK YOU!



Contact Sustainability Coordinator:

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www.framinghamma.gov/2740/Sustainability