

# HEATING GREEN ACTIONS

## FREE & LOW COST

### Keep the Temperature Low:

- program your thermostat to limit the warmth for when you are at home
- if your thermostat isn't programmable, replace it
- wear an extra layer and keep your home cooler
- lower temperature of water heater
- wash clothes in cold water

### Zone Your home (supplemental heat):

- assess where you spend most of your time
- compare your supplemental heat options
- consider where and how best to supplement rooms
- lower overall home temperature and use supplemental heat to the primary room(s) you occupy
- close heat vents in rooms that are rarely used (if you don't use it, don't heat it)

### Contain the Heat:

- seal drafty doors and windows
- lock your windows
- close your storms
- use thermal drapes in the evenings
- let sunlight in during the day
- close doors to retain heat in rooms
- close fireplace dampers and/or insulate unused flues
- cover drafty, unused outlets

### Make Repairs:

- seal cracks in your foundation or walls
- replace broken window panes or storms
- clean air ducts and replace filters for maximum efficiency
- service boiler, furnace, or heat pump annually
- insulate hot water pipes

### Get Advice Specific to Your Needs:

- schedule an Energy Audit from [MassSave](#) (or ask your landlord to have one)
- schedule a Blower Door test to identify air leakage
- visit Green Beverly's FAQ section and contact one of our [coaches](#)
- attend a Green Beverly [workshop or presentation](#)

## REDUCE YOUR USE

### Windows:

- assess your home's windows
- replace single-pane and drafty windows
- add storms
- repair broken insulated windows

### Insulation:

- assess your home's insulation
- compare insulation options
- replace or add in attic
- replace or add in walls
- add around hot water pipes

### Other:

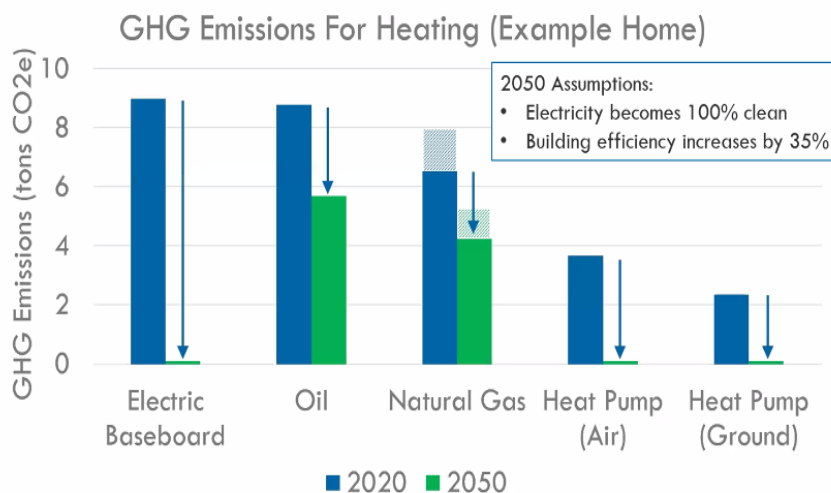
- convert to a solar water heater
- convert to a tankless water heater

## MORE EFFICIENT HEATING

- assess the age and efficiency of your current furnace/boiler
- compare more sustainable alternatives
- convert to the most efficient system your can (preferably whole house ground or air-source heat pump system)
- install a zoned programmable system of heat ducts/pipes from furnace/boiler or add supplemental heating to targeted rooms (see Free & Low Cost above)

### Your Home Heat Source Options:

## HOME ELECTRIFICATION LEADS TO LOWER GHG



## Zone Your Home:

Once you have the most energy efficient heating system, strategically heating parts of your home is the next step.

- assess where you spend most of your time
- consider where and how best to supplement rooms
  - electric space heaters
  - wood burning stoves
  - pellet stoves
  - electric fireplace inserts
  - radiant floors
  - room air-source heat pumps (aka, heat exchanger)

## Resources:

- Rebates through Mass Save <https://www.masssave.com/>
- Local suppliers (Aubuchon Hardware <https://www.hardwarestore.com/> ; Salem Plumbing and Design Bath <http://salemplumbing.com/> ; Moynihan Lumber <https://moynihanlumber.com/> )
- Green Building Advisor <https://GreenBuildingAdvisor.com>
- “How to Heat Your Home While Staying Green” <https://www.mymove.com/heating-cooling/guides/how-to-heat-your-home-while-staying-green/>

## Stats & Information:

By reducing your heat 5 degrees, you save 20% on your heating bill and on your carbon emissions (source: PathtoaGreenHome.com)

Converting from an oil boiler to an Air Source Heat Pump can reduce your emissions by 60% (Source: MassCEC)

By adding insulation to a not so well insulated house can save ~35% on the heating bill and on emissions (20% for the attic and 15% for the walls) (source: TheWorthMoreGroupLLC.com)

83.2% of homes and apartments in Beverly are heated with Gas, Oil, or Kerosene.