# Heating Systems

REQUIREMENTS

# 2013 HEAT Loan Program

## MINIMUM STANDARDS & REQUIREMENTS

### REQUIREMENTS

1. Proposal(s) must state the name of manufacturer, model number, and Efficiency Rating (AFUE, HSPF or COP) of the new equipment.
2. The new heating equipment needs to be sized to the heating requirement of the house and follow state and local codes.
3. Air Source Heat Pumps, Ductless Mini Split Heat Pumps and Central AC must meet COOL SMART requirements. Refer to the Requirements sheet entitled Central AC/Air Source Heat Pumps for more details on what is required.
4. Replacement heating equipment is eligible for financing when it meets the Minimum Standards listed in the chart below.
5. Any necessary work associated with system replacement can be financed (i.e. removal of old heating equipment, relining chimneys for the new system installation, and electrical wiring with installation of the new system).
6. The program covers asbestos removal associated with the heating equipment (up to $2,000) by a licensed asbestos remediation contractor.

### RESTRICTIONS

1. Financing for **distribution system upgrades** is LIMITED and can only be covered when:
   - Switching from Electric Baseboard or Electric Radiant heat to a fossil fuel system that meets the minimum efficiency standards (AFUE) listed in the table below.
   - Switching from a Steam Boiler to a Hot Water Boiler: New Hot water boilers must meet the minimum AFUE standards listed in the chart below.
     – In addition, new Oil Boilers must also have an Outdoor Weather Responsive Control installed.
2. Installation and or removal of any **oil tanks and propane tanks** are not covered by the loan.
3. Humidifiers, air filters/air filtration systems are not eligible to be financed.
4. Do-it-yourself (DIY) installations are not eligible for HEAT Loan Financing.

**If you have questions regarding HEAT Loan Minimum Standards and Requirements, contact your Mass Save HEAT Loan Administrator.**

### HEATING SYSTEM EFFICIENCY STANDARDS

| REBATE | QUALIFYING EQUIPMENT | MINIMUM STANDARDS |
|---|---|---|
| | **Natural Gas Systems** | |
| $300-$450 | Hot Air Furnace — with ECM | AFUE 95-97% |
| N/A | Steam Boiler | AFUE ≥ 82% |
| $1000-$1500 | Hot Water Boiler | AFUE 90-95% |
| $1200 | Combined High Efficiency Boiler and Water Heater | AFUE ≥ 90% |
| | **Propane Systems** | |
| $500 | Hot Air Furnace — with ECM | AFUE ≥ 95% |
| N/A | Steam Boiler | AFUE ≥ 82% |
| $1000 | Hot Water Boiler | AFUE ≥ 90% |
| $1000 | Combined High Efficiency Boiler and Water Heater | AFUE ≥ 90% |
| | **Oil Systems** | |
| $400 | Hot Air Furnace — with ECM | AFUE ≥ 83% |
| $400 | Steam Boiler | AFUE ≥ 82% |
| $500 | Hot Water Boiler | AFUE ≥ 85% |
| | **Electric Heat Pumps** | |
| $150-$500 | Air Source Heat Pump (Refer to COOL SMART Requirements) | EER ≥ 12, SEER ≥ 14.5, HSPF ≥ 8.2 |
| N/A | Ground Source Heat Pump | COP ≥ 3.3 |
| | **Controls** | |
| $225 | Weather Responsive Controls — Natural Gas | After Market Additional Option |
| $100 | Weather Responsive Controls — Oil/Propane | Built in or Additional Option |
| $500 | Heat Recovery Ventilation (HRV) — Natural Gas | Excludes portable units |

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## STEPS TO FINANCING

✓ **To apply for a HEAT Loan, follow the steps outlined below to obtain a HEAT Loan Authorization Form.**

- [ ] **Review both sides of this sheet, Eligibility page and the HEAT Loan Intake Form** provided during your Mass Save Home Energy Assessment. Share efficiency requirements for the new equipment with your contractor.

- [ ] **Obtain signed, itemized contractor proposals** from licensed contractor(s) for the eligible efficiency improvements you want to finance.

- [ ] **Sign the bottom and and send it with contractor proposal(s) to your Mass Save HEAT Loan Administrator for eligibility review and approval.**

  **Your Mass Save HEAT Loan Administrator may contact you** if any paperwork is incomplete or improvements do not meet the eligibility requirements. The review process can take several days depending on the completeness of the submitted documents.

- [ ] **Your Mass Save HEAT Loan Administrator will email you a HEAT Loan Authorization Form upon successful review for you to take to a Participating Lender to apply for a loan**
  The lender determines loan approval or denial. A list of Participating Lenders can be found at MassSave.com/HEATLoan.

- [ ] **Check disbursement for the work**
  If loan approval is granted from the lender, applicants will receive a two party check(s) from the lender made out to the customer and contractor(s) for the amount of the loan, minus any sponsor rebates.

- [ ] **Work and completion**
  Work needs to be installed within 90 day of receiving the check(s).
  Please contact your Mass Save HEAT Loan Administrator if changes to the work scope have been made.

- [ ] **Notify your Mass Save HEAT Loan Administrator and schedule a verification inspection after all of the work financed through the HEAT Loan is complete**
  If a financed measure was not installed, or does not meet the efficiency requirements, the customer is held liable for the prepaid interest cost on that portion of the loan.

- [ ] **Apply for any rebates for the installed equipment**
  See Rebates information below.

### REBATES

**To apply and obtain rebates for new equipment:**

- **Gas equipment rebate applications** are available online at GasNetworks.com or call 1-800-232-0672 if you have questions.
- **Oil and propane equipment rebate applications** are provided by the Mass Save Energy Specialist at the time of the Home Energy Assessment. Send your completed rebate application and required documents to the address listed on the rebate form.
- **For Air Source Heat Pumps and Central AC,** refer to the COOL SMART Rebates section on the Central AC/Heat Pumps Requirements sheet.

**FOR QUESTIONS REGARDING THE HEAT LOAN PROGRAM, CONTACT YOUR MASS SAVE HEAT LOAN ADMINISTRATOR.**

More information, along with a list of Participating Lenders, is available at MassSave.com/HEATLoan.

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