



Steps to the 2014 HEAT Loan Program



The HEAT Loan is available to qualified customers participating in the Mass Save® Program and is designed to promote the installation of high efficiency improvements. Customers must be owners of one to four family homes* and be a Cape Light Compact customer.

In 2014, customers are eligible to apply for a 0% loan and obtain applicable program rebates for eligible measures being installed.

Loan Options for 1-4 Unit Homes			
Eligible Customer 1-4 Unit Property	Type	Loan Amount	Loan Term
Owner Occupied	Micro Loan	\$500 - \$2,000	24 Months
Owner Occupied	1-4 Unit Standard Loan	\$2,001 - \$25,000	Up to 84 Months
Non-Owner Occupied	1-4 Unit Rental Property Loan	\$5,000 - \$25,000	Up to 84 Months

Maximum loan amounts, loan type, and loan eligibility may vary by participating lender.

***Note:** All residentially metered single units in condo complexes are eligible to apply for the HEAT Loan. All other units in condo complexes are not eligible.

THE PROCESS - *Please note that authorization and loan approval must be given before installation.*

1. Call and Complete a Mass Save Home Energy Assessment. For more information, call 1-800-797-6699.

2. At the Assessment, you will receive a HEAT Loan Intake Form. Read over this document. Visit www.masssave.com for a listing of Participating HEAT Loan Program Lenders. Call RISE Engineering at 508-568-1926, if you have any questions concerning the eligible improvements and process. Refer to the lender list for pre-approval and loan options.

3. Obtain signed, itemized contractor proposals for the eligible efficiency improvements that you want to finance. The customer is responsible for obtaining proposals from qualified contractors for the eligible efficiency improvements. Do-it-yourself installations are not eligible for HEAT Loan financing. Review the Minimum Standards on the other side of this page. We recommend you obtain three (3) quotes per energy efficient improvement.

4. Choose which contractor(s) you want to use and provide copies of the selected contractor's proposal to RISE Engineering for eligibility review, approval and HEAT Loan authorization. RISE will review the contractor(s) proposal that the customer submits for the HEAT Loan. RISE will contact the customer if any paperwork is incomplete or does not meet the eligibility requirements. (NOTE: RISE Engineering will not choose a contractor for you, they only verify that the equipment being installed meets the Minimum Requirements).

Mail, email or fax the following information to RISE Engineering for Review and Authorization:

- The original (white copy) of the completed and signed HEAT Loan Intake Form provided at the Home Energy Assessment.
- Selected Contractor Proposal(s) for the eligible improvements you want to finance along with all required supporting documentation as described on the back on this form.

Fax: 508-568-1933

Address: HEAT Loan Program - Cape Light Compact, c/o RISE Engineering
25 Mid-Tech Dr, Suite H, West Yarmouth, MA 02673

Email: CapeLightCompactInfo@Thielsch.com

You can also obtain pre-approval from one of the HEAT Loan participating lenders if they offer the service.

5. Loan Agreements. RISE sends the authorization form to the customer. The customer provides this form to the lender, then the lender does a final determination on the loan and disperses the funds to the customer. Successful applicants will receive a loan agreement and two-party checks for the full amount of the loan, net any program rebates.

6. After all work financed with the HEAT Loan is complete, the customer needs to notify RISE Engineering and schedule a verification inspection. The purpose of the inspection is to verify that the work financed by the HEAT Loan has been installed.

Note: All payment arrangements including payment of any required initial deposits, subsequent or final payments, along with payment schedules, are solely between the contractor and the customer. RISE is the HEAT Loan Administrator for Cape Light Compact.

Financing offer is for a limited time. Participating in the HEAT Loan Program is contingent on being approved for a loan from a participating lender. Financing is subject to funding availability and the Terms and Conditions listed on the HEAT Loan Intake Form are subject to change or cancellation without notice. This program will end on December 31, 2014.

For questions regarding the HEAT Loan Program contact RISE Engineering at 508-568-1926.



HEAT Loan

Minimum Standards and Requirements



The HEAT Loan is available to qualified customers participating in the Mass Save® Program and is designed to promote the installation of high efficiency improvements. To be eligible for the HEAT Loan, financed energy efficiency improvements must meet the following requirements and standards.

Customer Eligibility

To be eligible to apply for the HEAT Loan, you must:

- Be an owner of a one to four family residence
- Have completed a Home Energy Assessment through the Mass Save Program

Insulation, Air Sealing, and Duct System Improvements:

Insulation, air sealing, and ductwork improvements (duct sealing and duct insulation) must be installed to the Mass Save material and installation standards. Work must be completed by a contractor that is approved to provide weatherization services in the Mass Save program. **Insulation proposals must be submitted on contractor letterhead and include measure description, location, square footage, cost per measure and R-value (where applicable).**

Domestic Hot Water Systems:

Domestic hot water systems must meet the minimum efficiency standards as noted in the following table to be eligible for the HEAT Loan.

Domestic Hot Water System Type and Fuel	Minimum Standard
Indirect Water Heater	Meets Massachusetts State Code Requirements
On-Demand Tankless Water Heater - Natural Gas or Propane	Energy Factor (EF) ≥ .82 with Electronic Ignition
Freestanding Gas, Oil, or Propane Water Heaters	Energy Factor (EF) ≥ .61
Heat Pump Water Heater	Energy Factor (EF) ≥ 2.3 First Hour Rating ≥ 60 gallons
Solar Hot Water	Collectors must be certified by SRCC
Condensing Water Heater -- Natural Gas	Thermal Efficiency ≥ 95%

SRCC (Solar Rating Certification Corporation)

Central Air Conditioning Systems:

Central Air Conditioning Equipment must meet the minimum efficiency standards below. Ductless Mini Splits are included in the Air Source Heat Pump - Electric.

SEER ≥ 14.5	EER ≥ 12
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- Central Air Conditioning proposal(s) must state the manufacturer, model, Efficiency Rating (SEER, EER, HSPF), and the AHRI Certificate.
- Proposals must include load (sizing) calculations according to ACCA Manual J Version 8 for a new installation or a replacement of existing equipment.
- Proposals should be installed according to Quality Installation Verification (QIV) standards. A list of qualified QIV contractors is listed on MassSave.com.
- Heat pumps/central AC is capped at \$10,000 per loan.
- Ductless Mini Splits need a preapproval form for those that cost at or above \$10,000 per active electric account.

Pre-Weatherization Barriers:

Up to \$1,000 towards remediation of knob and tube wiring and up to \$1,000 for remediation of moisture issues with implementation of insulation, if recommended during the audit. (Submit proposals by licensed/qualified contractors only, and include their name, address and license number on the proposal).

ENERGY STAR® Qualified Replacement Windows:

ENERGY STAR qualified windows with a U-factor of .30 or less are eligible for the HEAT Loan only when:

- The ENERGY STAR qualified windows are installed as replacements for **existing single glazed windows**
- The recommended insulation and/or air sealing upgrades must be completed. (See insulation section for details).
- The loan capped at \$500/window with a total not to exceed \$10,000 for all windows in the loan.

Heating Systems and Thermostat Controls:

Heating system proposal(s) must state the manufacturer, model, and Efficiency Rating (AFUE, HSPF, or COP) of the proposed heating system.

Distribution system upgrades are limited and can only be covered when a customer is switching from electric baseboard, electric radiant heat or when a customer is switching from a steam boiler to a hot water boiler.

When switching from electric baseboard or electric radiant or a steam boiler to a hot water boiler, you must meet the following minimum standards listed below.

- To finance a distribution upgrade with the HEAT Loan, new natural gas or propane boilers must be at least 90% AFUE to be eligible.
- To finance a distribution upgrade with the HEAT Loan, new oil boilers must be at least 85% AFUE and an outdoor weather responsive control must be installed in conjunction with the boiler to be eligible. Oil tanks are not covered.

Heating Systems and Controls	Minimum Standard
Furnace - Natural or Propane Gas with ECM*	AFUE ≥ 95%
Furnace - Propane	AFUE ≥ 90%
Furnace - Oil	AFUE ≥ 83%
Furnace - Oil with ECM*	AFUE ≥ 83%
Steam Boiler - All Fuels	AFUE ≥ 82%
Hot Water Boiler - Natural Gas or Propane	AFUE ≥ 90%
Hot Water Boiler - Oil	AFUE ≥ 85%
Combined High Efficiency Boiler and Water Heater -- Natural Gas	AFUE ≥ 90%
Air Source Heat Pump - Electric	HSPF ≥ 8.2
Ground Source Heat Pump	COP ≥ 3.3
Oil/Propane Boiler's Weather Responsive Controls	
Natural Gas -- Market Boiler Reset Controls (After Market)	

* Electronic Commutated Motor

AFUE (Annual Fuel Utilization Efficiency)

HSPF (Heating Seasonal Performance Factor)

COP (Coefficient of Performance)

If you have any questions regarding these minimum standards and requirements, contact:

RISE Engineering at 508-568-1926