



Energy Solutions for Maine, Inc. performs residential and commercial energy audits. An energy audit helps you find ways to save energy by detecting harmful and costly energy issues. We then recommend a corrective course of action.

Many organizations offer energy audits that range in quality from perfunctory to thorough. Our thorough energy evaluations are performed by Maine Home Performance (MaineHP) certified professionals. MaineHP emphasizes a whole-house approach to reducing energy bills and improving the comfort, health, safety, and durability of buildings. Our evaluators are certified through Building Performance Institute (BPI) as Building Analysts. Building Analysts focus on the house-as-a-system concept where the house's components interact with each other. These components include heating, ventilation and air conditioning systems and the building's outer shell – the foundation, walls, and roof.

What an Energy Evaluation does

An Energy Evaluation measures air leakage, locates deficiencies of insulation, and identifies indoor air quality safety issues. Our Energy Evaluation is conducted in accordance with Maine Home Performance Energy Evaluation with Energy Star procedures, and is the gold standard of energy audits. This report may be used with an application for a low interest HELP loan.

Our Energy Evaluation utilizes the following equipment and procedures:

- Blower door - a fan that simulates drafts experienced in a 25 mph windstorm
- Infrared camera - shows where drafts are entering your building
- Combustible gas products detector - checks for leaks in gas pipes
- Combustion gas analyzer - checks the efficiency of a gas or oil burner
- Hygrometer - tests for excessive humidity
- Fiber optic camera - enables us to see into accessible areas



An infrared camera is used here to help detect energy leaks in this room. The orange color shows where the leaks are most prominent.

A report is generated with recommendations for corrective measures ranked in order of importance considering not only energy savings, but also health and safety, comfort, and building durability.

Homeowners may arrange for a contractor of their choosing to do the recommended work or may have the project managed by Energy Solutions for Maine, Inc.

HELP Loans

In order to qualify for a low interest Home Energy Loan Program (HELP) loan a borrower must have predicted energy savings calculated for the improvement(s) covered under the loan. Measurements of the house's overall dimensions, windows, doors, insulation, etc., are taken to input into a computerized energy model. Our evaluators use the Targeted Residential Energy Analysis Tool (TREAT) computer model to calculate predicted energy savings and payback periods for specific corrective measures.

Benefits of a good Energy Audit

Once the recommended improvements have been completed the homeowner is likely to note:

- Reduced energy costs
- Improved health and safety of residents
- Increased personal comfort
- Extended longevity of building and appliances
- Reduced carbon footprint
- Increased house value

What our clients have to say

Thanks so much for your visit. It was very informative.

- Joan, Brunswick

Just a quick note to thank you and let you know that we were very pleased with your knowledge, professionalism and thoroughness during our energy audit.

- John, South Portland

Thank you for a great investment in time and \$\$\$. Thank you for a VERY productive and educational time here in Kennebunk today. I am looking all over the house now thinking of ways to make it even more energy efficient.

- Jay, Kennebunk

Thanks for the report. It's all the things we talked about and more. I've got a lot of work to do and none of it fun. Oh well, it will be worth it. Thanks again for your help. P.S. I may have to take you up sometime on your offer to answer questions that I might have. Thanks.

- Jim, Wells

Thank you for the report. I will find it very helpful in addressing problems as money and time allow.

- Susan, Phippsburg

FOR MORE INFORMATION: 207-510-6099 • WWW.ENSOL4ME.COM

Project Management

We offer project management services for implementing energy saving measures. Our fee is a 10% surcharge on the contractor's fees. Included in our fee are collecting quotes for the work, checking the work, and a test-out evaluation with blower door and infrared camera to verify that the work was performed properly.

Pricing Schedule

- If you have any questions about our energy audits, please call our office at 207-510-6099.
- Fees for audits are based upon size of building and age.
- An energy audit will provide you with a specific plan for saving energy and money and improving comfort and safety

Maine Home Performance Energy Evaluation

Up to 4-bedroom house Less than 2,500 sq. ft. built after 1950 with up to two combustion appliances*	\$500
Built between 1900 & 1949	\$550
Pre 1900	\$600
Additional area	\$50/500 sq ft
Duct leakage testing, add	\$100
TREAT Analysis	\$80/hour
Project Management	10% surcharge on contractors fees

*combustion appliances include oil burners, gas-fired burners, direct vent heaters, gas-fired ranges and fireplaces, etc.

Office hours

Monday through Friday
8:00 am to 5:00 pm (winter)
8:00 am to 6:00 pm (summer)
(except major holidays)

For more information

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ENERGY SOLUTIONS FOR MAINE, INC.



SAVING ENERGY
ONE HOUSE AT A TIME



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Serving Southern, Central and Mid-Coast Maine

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