



SUSTAINABLE ENERGY NETWORK
WAYNE COUNTY

The Wayne County Sustainable Energy Network (WCSen) provides home energy audit services to homeowners, builders and organizations in Wayne County and surrounding areas as part of its mission to encourage energy conservation and promote the use of sustainable energy.

What is a Home Energy Audit?

A Home Energy Audit (Home Performance Test) consists of two major parts:

- 1 A comprehensive evaluation of the energy features and systems of a home *and*
- 2 A report describing the results and providing recommendations for improving the energy performance of the home.



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Our Mission

Wayne County Sustainable Energy Network (WCSen) is a 501c3 not-for-profit charitable organization dedicated to the promotion and support of sustainable energy policies and practices in Wayne County, Ohio.

It is our mission to build awareness, educate the public, and offer resources to assist individuals and organizations in their sustainable energy efforts.

WCSen is supported by generous donations from our sponsors. For a list of current sponsors and information on becoming a sponsor, go to:

www.wcsen.org

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HOME ENERGY AUDITS



Improve the Energy Efficiency of Your Home



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What are the Benefits of a Home Energy Audit?

The primary benefit of a home energy audit is the significant energy savings that can result. This not only saves the homeowner money, it also helps save the environment. In addition, improvements in energy performance can enhance the health, safety, comfort and durability of the home.



Homeowner demonstrating use of IR camera to check for insulation voids and air leakage paths.

What is a Certified Home Energy Rater?

A Certified Home Energy Rater is a person trained and certified by an accredited Home Energy Rating Provider to inspect and evaluate a home's energy features and systems, prepare a home energy rating, and make recommendations for improvements. All WCSEN Home Energy Raters are certified by RESNET®, which is the preeminent national home rating organization.



Home Energy Auditor conducting an air leakage test with a blower door.

RESNET®

Residential Energy Services Network

RESNET®: 1) sets standards for energy audits 2) trains and certifies energy raters, and 3) created and oversees the HERS Index rating system, which has become the national standard for rating the energy efficiency of homes.

HERS ratings have been approved for Federal tax credit qualification, ENERGY STAR labeled homes, verification for energy efficient mortgages, and qualifying for energy improvement loans.

For more information or to schedule a Home Energy Audit contact:

Keith Speirs, *Project Manager, WCSEN*

330.262.7785

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What Specific Types of Energy Audits are Offered?

WCSEN offers two audit options – Air Leakage and RESNET® Certified Audit. The services provided and equipment used for each option are listed below.

Basic Air Leakage Audit

- Homeowner Interview
- Air Leakage – Blower Door
- Air Infiltration Evaluation - Smoke Pencil or Infrared Camera
- Report

Cost to homeowner \$225*

RESNET Certified Home Energy Audit

- Homeowner Interview
- Air Leakage – Blower Door
- Insulation Analysis – Infrared Camera
- Combustion Analysis – Combustion Analyzer and Gas Leak Detector
- Duct Testing – Duct Blaster
- HERS Rating and Report

Cost to homeowner \$425*

** For homes up to 3000 total square feet. Anything above 3000 sf, add \$50 for each additional 1000 square feet.*

*** Individualized audit services are available on a negotiated fee basis.*

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