

The Process

Energy Audit

Commonwealth Sustainability Works, a local independent energy auditor, will conduct a 1-2 hour walk-thru to determine your home's current resource consumption.

Analysis

Residents will receive an analysis that details opportunities to improve the efficiency of their home.

Consultation

Residents will go over the analysis with FHC and determine what level of weatherization services they'd like to pursue in accordance with their budget.

Upgrades

FHC will work with local contractors to make the recommended upgrades and establish a payment plan with the residents.

Post-Energy Audits

After the upgrades have been made a second walk-thru and blower door test will be performed on the home to insure the work was properly completed. FHC will continue to track energy use for at least one year to note any benefits and changes.

Financing

FHC will provide zero-interest loans to cover the up front costs of energy efficiency upgrades. Payments will be structured around a resident's ability to repay on a case by case basis. Efforts will be made to structure payments around the savings resident's realize each month on their utility bills.

Conserve resources

*Reduce your environmental impact.
Conserve energy and water resources in your home.*

Save money

*The less you use, the less you pay.
Reduce your energy consumption and lower your monthly utility bills*

Improve the comfort of your home

Reduce drafts, prevent mold, and lengthen the lifespan of your home.

*energy efficiency
loan program*



Fauquier Housing Corporation • Rapidan Better Housing Corporation

Foothills Housing Coalition

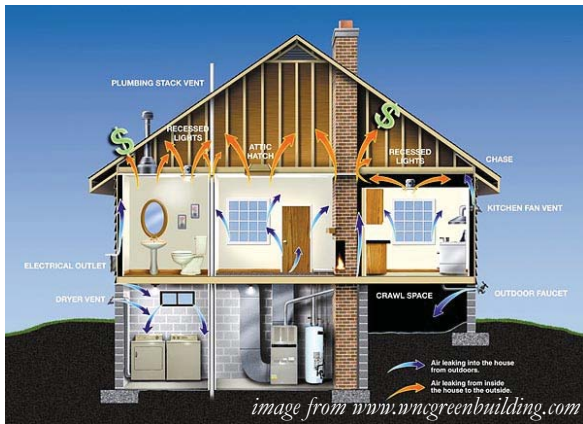
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Warrenton, VA, 20188
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www.fhchousing.org

• For more
information and to
fill out an application
visit www.fhchousing.org

Is the Energy Efficiency Loan Program Right for you?

What are the benefits of the EEL Program?

Improving the energy efficiency of your home not only saves energy and water resources, it can save you money on your utility bills, and greatly improve the comfort of your home. Upgrades such as improving insulation, sealing air leaks, replacing doors and windows, installing low-flow fixtures, and/or improving HVAC systems can average around 20% savings on your monthly utility bills. When your home is properly sealed you use less energy to keep it warm in the winter and cool in the summer.



When attics are not properly insulated, conditioned air can be sucked right out through your roof. Even small penetrations like electric outlets can create drafts, requiring more energy, and more money to keep your home heated/cooled.



Simple actions taken during the construction process, such as caulking around doorways and pipe penetrations can prevent drafts and conserve energy.



Insulating your water pipes and water heaters can also conserve energy and prevent condensation, water damage and/or mold.

Who's eligible for the EEL Program?

Income eligibility requirements for this program are based on the following guidelines provided by the U.S. Department of Housing and Urban Development. To qualify you must make at or below the following, according to the size of your household:

80% Median Income Limits 2010	1 Person	2 Persons	3 Persons	4 Persons
Culpeper	\$39,950	\$45,650	\$51,350	\$57,050
Fauquier	\$45,100	\$51,550	\$58,000	\$64,400
Madison	\$34,350	\$39,250	\$44,150	\$49,050
Orange	\$36,900	\$42,200	\$47,450	\$52,700
Page	\$29,900	\$34,150	\$38,400	\$42,650
Rappahannock	\$39,800	\$45,450	\$51,150	\$56,800
80% Median Income Limits 2010	5 Persons	6 Persons	7 Persons	8+ Persons
Culpeper	\$61,650	\$66,200	\$70,750	\$75,350
Fauquier	\$69,600	\$74,750	\$79,900	\$85,050
Madison	\$53,000	\$56,900	\$60,850	\$64,750
Orange	\$56,950	\$61,150	\$65,350	\$69,600
Page	\$46,100	\$49,500	\$52,900	\$56,300
Rappahannock	\$61,350	\$65,900	\$70,450	\$75,000

If you're interested in applying visit www.fhchousing.org or call (540) 341-2805

The Energy Audit

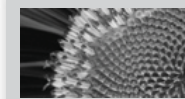
Pre-audit requirements:

Energy use history: provide (preferably) at least two years of electrical and gas (if applicable) use

On-site audit of your home includes:

- Visual inspection of air leaks, insulation, doors and windows, HVAC system, water heating system etc.
- Infrared analysis
- Combustion safety testing (if applicable) per BPI protocol: gas leak detection; carbon monoxide leaks; draft, venting, and spillage of combustion appliances; and efficiency of combustion appliances
- Whole-house pressurization test (blower door test): calculates air changes per hour and identifies air leak locations
- Duct tightness testing (if applicable)

**Residents are encouraged to accompany the auditor on the site visit*



Energy audits will be conducted by Commonwealth Sustainability Works Andrew Grigsby (540)219-8912 commonwealthsustainability.com

The audit report includes:

- Energy improvements listed according to anticipated cost-effectiveness
- Instructions and specifications for do-it-yourself improvements
- Test data and photos

Cost

(the cost of the audits will be covered in the FHC loan package)

Walk-thru Energy Audit with infrared photography and blower door-test starts at \$350. Add \$.10/sq foot for homes greater than 2,500 sq. feet

Additional and optional services available as needed- full listing available online at fhchousing.org and commonwealthsustainability.com