Current Residential BB Stats

- 600+ completed homes retrofitted to date
- $4 M in leveraged private capital
- $370 k projected annual cost savings
  - $600 in savings per home per year
- Over 2.5 GWh in energy savings
20% gain

Home Performance with ENERGY STAR®
Summary of Energy Improvements Performed

Home Performance Improvements:
- Accessed all knee wall areas & foamed 6" open cell foam and installed passive graters
- Main attic foamed entire roof deck with 6" open cell foam
- Insulated basement floor to an R10 with fiberglass batts
- Installed humidistat in attic to monitor moisture
- Insulated all hot piping runs off DHW tank
- Insulated riser joint with open 6" open cell foam

Home Performance Results Achieved:
All attic areas were addressed and reconfigured spaces brought duct work into conditioned areas. Entire floor area was insulated. Stratification issues improved.

Environmental Impact of Improvements:
Fuel usage and emissions reduced by treating entire attic and floor areas.

Home Performance with ENERGY STAR® offers a comprehensive, whole-house approach to home improvement that results in better energy efficiency, greater control, and lower energy bills.

ENERGY STAR is a voluntary partnership sponsored by the U.S. EPA and U.S. DOE to protect the environment through superior energy efficiency.
Home Energy Score

Score

Address: 628 S Taylor St
Arlington, VA 22204

Home Facts

Home size: 2,000 square feet
Year built: 1985
Air conditioned: Yes

Recommendations

Score with improvements: 6
Estimated 10 year savings: $14,910

Uses more energy: 1, 2, 3, 4, 5, 6, 7, 8
Uses less energy: 9, 10

Top 20% of similarly sized homes score here or better

The Home Energy Score is a national rating system developed by the U.S. Department of Energy. The Score reflects the energy efficiency of a home based on the home's structure and heating, cooling, and hot water systems. The Home Facts provide details about the current structure and systems. Recommendations show how to improve the energy efficiency of the home to achieve a higher score and save money.

Assessment date: 07/08/2012
Scored in: 2012
Score ID: 1951945
Qualified assessor #: canum

homeenergyscore.gov
Utility Partnership: the Vision
Our Utilities:

- Dominion Virginia Power (IOU)
- NOVEC (Co-op)
- CVEC (Co-op)
- REC (Co-op)
- Washington Gas (IOU)
- Columbia Gas (IOU)
- Charlottesville Gas (Muni)
About ODEC:

- 11 Member G&T Cooperative
- 550,000 meters
- Baseload and peaking plants fired by coal, gas, and nuclear power
What LEAP Brings:

- Value-added Corporate Culture
- The Right Programs
- Innovative Marketing Partnerships
- IT platform
Program Elements

- Co-branding on program materials
- Leverages existing HPwES and HEScore programs
- Utility provides rebates
- LEAP provides special financing options and IT solution for contractors, customers, and program administrators
Program Process

- Customer Goes to REC’s website or talks w/ CSR
- Clicks to Online Assessment
- Completes lead form (utility selection required)
- Customer Assigned to Energy Advisor
- Energy Advisor performs Home Energy Review and HEScore
- Customer receives report
- Hand off to LEAP’s HPwES
- LEAP shares data with REC/ODEC
IT/Software Platform

- Online Assessment
- HEScore integration
- Customer portal
- Program process management
- Program analytics
**ONLINE ENERGY ASSESSMENT**

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**Free, Accurate, and Easy**

**Your Home Energy Report**

Take LEAP's confidential survey and create your home energy profile. You'll get an energy ranking, savings estimate, and unbiased, cost-effective upgrade advice.

It really only takes five minutes, and it's fun!

<table>
<thead>
<tr>
<th>Type of home</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single family home</td>
<td></td>
</tr>
<tr>
<td>Apartment, condo or townhome</td>
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<tr>
<td>Other</td>
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</table>

<table>
<thead>
<tr>
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<table>
<thead>
<tr>
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<table>
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<th>Location</th>
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---

[Continue]
Your Energy Profile

You look like a great candidate for LEAP’s Home Performance with ENERGY STAR program.

With an energy retrofit, you should be able to save a significant amount on your utility bills.

The next step: meet with one of our LEAP-Certified home energy performance experts to verify your potential and save thousands with bundled cash rebates for energy improvements to your home. Special 0% financing offers available.

Get Started Now!

Your Customized Action Plan

- Air seal and control ventilation to eliminate drafts
- Upgrade attic insulation to modern standards
- Air seal and insulate your ducts
- Consider a higher efficiency heating system
- Upgrade to a modern high efficiency refrigerator

Potential 3 year savings: $4,164
**Complete HES Test-in Audit**

Assigned July 6, 2012

**Due date:** July 20, 2012

- Extend Due Date
- This task can not be completed

* Required fields

‡ Homeowner-reported values from Online Audit

### Basic Information

**Date the audit was performed**

- 2012-07-06

**Year the home was built**

- 1967
  ‡ Year Built: 1967

**Number of bedrooms in home**

- 2
  ‡ Occupants: 3

**Number of stories/levels above ground**

- 2
  ‡ Floors: 2

**Interior height of the ceiling**

- 8

**Conditioned floor area, all stories**

- 2298
  ‡ Square Feet: 2300

**House orientation**

- East

---

Online Audit data pulls through
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<tr>
<td>Skylight frame type</td>
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<tr>
<td>Window area on front side of house *</td>
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<tr>
<td>Window area on right side of house *</td>
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<tr>
<td>Window area on back side of house *</td>
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<tr>
<td>Window area on left side of house *</td>
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<td>Are the window types the same on all sides?</td>
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<tr>
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<tr>
<td>Window frame type front</td>
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Streamlined Data Entry
Improved User Interface
### Improved User Interface

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<tr>
<th>HVAC Details</th>
<th>Value</th>
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<tbody>
<tr>
<td>Heating Type</td>
<td>Electric Heat Pump</td>
</tr>
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<td>Heating Year Purchased</td>
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<tr>
<td>Cooling Type</td>
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<td>Conditioned Space</td>
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<td>Duct Insulation</td>
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<tr>
<td>Duct Sealing</td>
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</table>
Next Steps

Schedule an Assessment with the One of LEAP’s Certified Building Analysts

Kicking off your Home Performance with ENERGY STAR project starts with scheduling with your LEAP-certified Building Analyst (or Assessor) to perform your Home Energy Assessment. We’ll have your building Analyst call you to talk to you about the process and find a time that works for you both (usually one can be scheduled within a week to two weeks).
Program Savings

For homeowners who completed the program during this time period

30.1% Average Savings
Measures Implemented

For homeowners who completed the program during this time period

- Heat Pump (Air-source)
- Duct Sealing
- Air Sealing
- Other (Thermostat Installation)
- Duct Insulation
- Attic Insulation
- Furnace
- Floor/Foundation Insulation
- Other (Installed/Repaired Doors, Windows and Related)
- Air Conditioner
- Wall Insulation
- Water Heater

Heat Pump (Air-source) Implemented: 114
Click for homeowner list »
cynthia@leap-va.org