



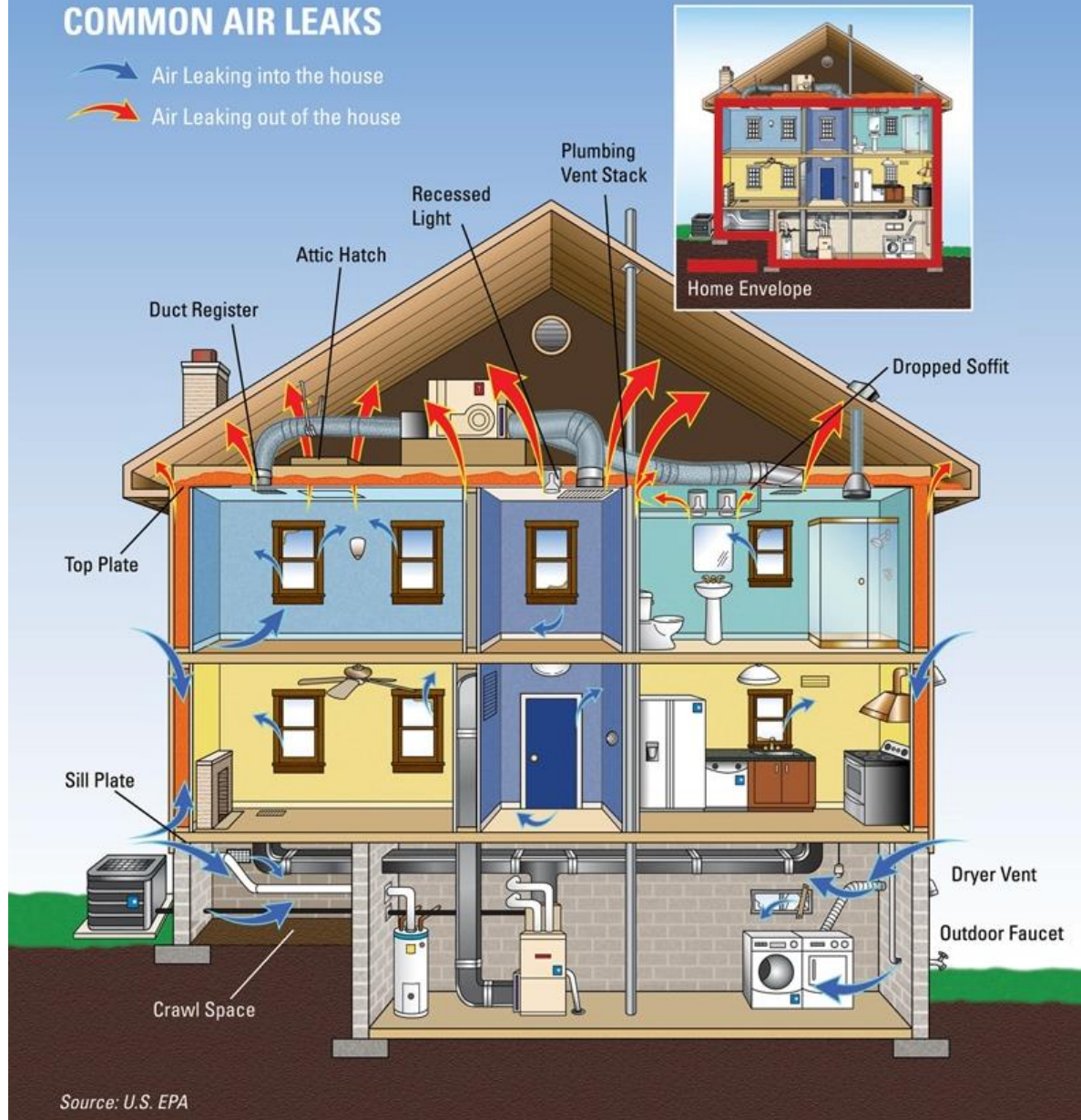
Everlasting God
whose Spirit broods everlastingly over the lands and the waters,
and endows them with form and color:
give us, we pray, the mind and heart
to rejoice in the majesty of creation.
Teach us to be responsible stewards of this world
and to seek the common good,
that through your blessing all may flourish,
and creation sing your praise
in Jesus Christ our Lord.
Amen

Energy Audits

What are they
And
Why have one?

COMMON AIR LEAKS

-  Air Leaking into the house
-  Air Leaking out of the house



Source: U.S. EPA

In typical home construction, about 25% - 40% of energy used for heating and cooling is wasted due to air leakage.

Video:

From Energy Dept – 4 minute

<https://www.energy.gov/energysaver/weatherize/home-energy-audits>

Typical Energy Audit Services:

Walk through

Consultation and list of
recommendations

1-2 hours
\$100-\$200

Reports will be a checklist of ways to
reduce energy use

Comprehensive:

Walk through with diagnostic tests
including blower door test and infrared
cameras, combustion

3-4 Hours
\$300-\$600

A full report with diagnostic results,
recommendations, costs, priorities, and
payback period.
Management of rebates

Once you have found the leaks, Benefits of Fixing Leaks

- Improved comfort
- Improved air quality
- Lower utility bills
- Fewer condensation problems (mold and mildew)
- Increased re-sale value due to these benefits.
- Keep in mind that payback period may be long because of cheap energy in our area.
- Best of all - less GHG will be emitted from your home!

Some Possible Recommendations to Reduce Energy Use

LED lighting (85% less electricity needed)

Seal leaks in building envelope by caulking

Seal leaks in duct work

Add insulation to attic and crawl spaces

Add insulation to floors, walls, basement

Wrap 6' of water lines

Insulate Hot water heater

Weatherstrip doors and windows

When ready to replace:

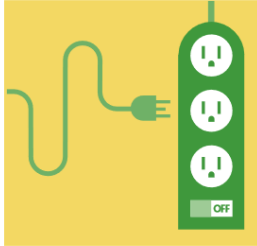
New windows

New Furnace/AC, Hot Water Heater, Appliances (Energy Star)

A few things you can do on your own to save energy - not associated with leaks

You can start with small changes to your daily routine

LED
Lights



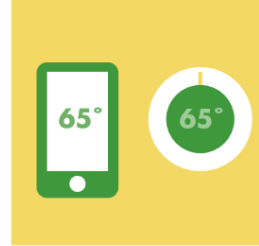
Save up to \$100 every year

Plug electronics into power strips and switch them off to prevent "vampire power" loss



Save up to 11% on water heating

Lower the temperature of your water heater to 120F



Save up to \$180 every year

Use a programmable thermostat to reduce heating and cooling when you're sleeping or away from home, without sacrificing comfort



Reduce heating and cooling costs by up to 15%

Replace old and dirty filters

First Step for Residential Energy Audits:

- Send out a request for services and costs.
- See list of accredited providers from Dominion Energy
 - (We have a list of about 50 certified auditors in the NOVA region.)
- Make sure the firm is licensed. (HERS or BPI)

Ask for the services they provide:

- the length of visit,
- which tests,
- the cost and
- the type of report they will provide
- help with rebates

Building Performance Institute (BPI) certification for home performance contractors. Focusing on the house as a system approach, **BPI** emphasizes the interdependence of building systems as they relate to energy consumption.



Home Energy Rating System (HERS) The Energy Commission requires licensed contractors to seal and test the ducts of a home when an HVAC system is installed or replaced.

Three examples of Energy Auditors in our Area and their offerings:

The Home Energy Detective, Inc.

<https://www.homeenergydetective.com/>

Comprehensive 4-5 hours \$600

Blower Door and infrared Diagnostics

Combustion Efficiency for Natural gas Appliances

Full Report with results, recommendations, priorities, costs and payback periods

100% of cost can be rolled into retrofit cost

Clipboard Audit 2 hours \$300

Consultation, no diagnostics

List of recommendations

Three examples of Energy Auditors in our Area and their offerings:

Home Energy Saving Solutions

<https://virginiaenergyaudit.net/home-energy-audit>

Comprehensive 2-3 hours \$400

Blower Door and infrared Diagnostics

Combustion Efficiency for Natural gas Appliances

Full Report with results, recommendations, priorities, costs and payback periods

100% of cost can be rolled into retrofit cost

Visual Walk Through 1 hour \$100

Consultation, no diagnostics

List of recommendations

Three examples of Energy Auditors in our Area and their offerings:

Edge Energy in Maryland:

<https://www.edge-gogreen.com/energy-audits/home-energy-audits/>

Comprehensive 3-4 hours \$400

Blower Door and infrared Diagnostics

Combustion Efficiency for Natural gas Appliances

Full Report with results, recommendations, priorities, costs and payback periods

50% of cost can be rolled into retrofit cost

Visual Walk Through 1 hour \$100

Consultation, no diagnostics

List of recommendations

Group Discounts

They have worked with faith groups before

An example of a Non-Profit Energy Auditor in our Area and their offerings:

Local Energy Alliance Program LEAP (Charlottesville and NOVA)

*This group also does home energy audits – **a non profit***

<https://leap-va.org/>

This group offers a comprehensive Audit for \$45 for Dominion customers: 1.5 hour with infrared cameras and blower door test. Report with findings and recommendations.

Residential Energy Audits from Dominion

Program Details - provides customers with a qualified contractor:

- Conduct a 30-60 minute walk-through of your home
- Install simple measures like LED bulbs and water heater pipe insulation
- May require separate appointments with specific contractors:
 - Heat pump tune-up
 - Duct sealing/insulation on heat pump systems/ AC units
 - Heat pump and electric water heater system upgrades
 - Fan motor replacements on heat pump systems and AC units

Program Benefits

- Access to pre-qualified contractors who can perform both the assessment and recommended improvements
- A personalized report containing cost-effective options and easy-to-follow recommendations to help you reduce your energy usage
- Potential financial incentives (rebates) that help to offset cost for installing the recommended improvements

Smart Thermostat Purchase, Installation and Rebate (\$100)

Residential Energy Audits from Dominion

Website:

<https://domsavings.com/va/rhea/>

Sample Report:

<https://domsavings.com/wp-content/uploads/2020/01/Sample-HEA-Homeowner-Report.pdf>

Fairfax County Dept of Environment and Energy

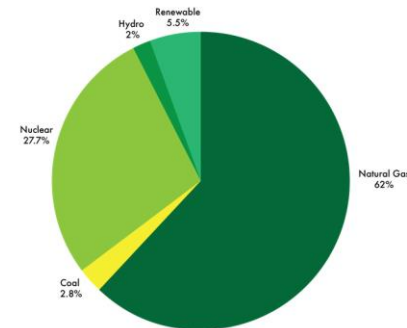
Worth looking around the site for local information

<https://www.fairfaxcounty.gov/environment-energy-coordination/videos>

VirginiaEnergySense.org

Look at Energy 101 – About your power

<https://www.virginiaenergysense.org/energy-101/about-your-power/>



Tools and Tips in Energy Sense leads to Yardstick: From EnergyStar.gov

[Home](#) > [Home Improvement](#) > [Home Energy Yardstick](#)



ENERGY STAR®

Home Energy Yardstick

Assess the energy efficiency of your home and see how it measures up:

EPA's Home Energy Yardstick provides a simple assessment of your home's annual energy use compared to similar homes. By answering a few basic questions about your home, you can get:


- Your home's Home Energy Yardstick score (on a scale of 0 to 10);
- Insights into how much of your home's energy use is related to heating and cooling versus other everyday uses like appliances, lighting, and hot water;
- Links to guidance from ENERGY STAR on how to increase your home's score, improve comfort, and lower utility bills; and
- An estimate of your home's annual carbon emissions.

Learn more about [how the Home Energy Yardstick works](#).

See a sample [results page](#).

Getting Started:

To calculate your Yardstick score, all you need is some basic information about your home:

- ✓ Your ZIP code;
- ✓ Your home's square footage;
- ✓ Number of full time home occupants;
- ✓ A list of all the different fuels used in your home (e.g., electricity, natural gas, fuel oil); and
- ✓ Your home's last 12 months of utility bills (usually found in the 12 month summary provided on your bill or through a Green Button file .

Having trouble with the Home Energy Yardstick? Contact us at yardstick@energystar.gov.



Get Started!

Want to save your information?
[Click here to create an account!](#)

Energy Audits for Commercial Buildings Such as Parish Buildings

AHSRAE Levels (American Society of Heating, Refrigerating
and Air-Conditioning Engineers)

<http://www.energyadvantage.com/blog/the-difference-between-ahsrae-level-1-2-3-energy-audits/>

The primary function of an energy audit is to identify all of the energy streams in a facility in order to balance total energy input with energy use. The four main objectives of an energy audit are as follows:

- To establish an energy consumption baseline;
- To quantify energy usage according to its discrete functions;
- To benchmark with similar facilities under similar weather conditions; and
- To identify existing energy cost reduction opportunities.

| Type of Audit | Type of Audit Brief Description |
|----------------------|---|
| Level 1 | <ul style="list-style-type: none">• Brief on-site survey of the building• Savings and cost analysis of low-cost/no-cost Energy Conservation Measures (ECMs)• Identification of potential capital improvements meriting further consideration |
| Level 2 | <ul style="list-style-type: none">• More detailed building survey• Breakdown of energy use• Savings and cost analysis of all ECMs• Identification of ECMs requiring more thorough data collection and analysis (Level 3) |
| Level 3 | <ul style="list-style-type: none">• Attention to capital-intensive projects identified during the Level 2 audit• More detailed field analysis• More rigorous engineering analysis• Cost and savings calculations with a high level of accuracy |

SJN ENERGY USAGE AND CO2 EMISSIONS (Updated 3/16/2021)

NATURAL GAS

(Heating in Main Church, Chapel, Offices in Original Building Footprint)

| Year | Heating Degree Days | Cost (\$) | Average Cost \$/therm | Normalized Usage (therms) | CO2 Emission Factor (lbs/therm) | CO2 Emissions (tons) |
|------|---------------------|-----------|-----------------------|---------------------------|---------------------------------|----------------------|
| 2013 | 3,553 | 13,368 | 0.92 | 14,403 | 11.8 | 85 |
| 2014 | 4,092 | 13,388 | 0.86 | 13,116 | 11.8 | 77 |
| 2015 | 3,529 | 11,860 | 0.83 | 14,279 | 11.8 | 84 |
| 2016 | 3,281 | 12,837 | 0.85 | 16,149 | 11.8 | 95 |
| 2017 | 3,002 | 10,904 | 0.86 | 14,532 | 11.8 | 85 |
| 2018 | 3,601 | 12,743 | 0.80 | 15,697 | 11.8 | 92 |
| 2019 | 3,336 | 13,113 | 0.98 | 13,987 | 11.8 | 82 |

Cost data from SJN Utility Bills

Normalized Usage = Actual Usage from Utility Bills Adjusted for Difference in Heating Degree Days Compared to 2015

CO2 Emission Factor from EPA AP-42 Emission Factor Document, Section 1.4 Natural Gas Combustion

ELECTRICITY

(Lighting: Church, Chapel, Parish Hall, Hallways, Classrooms, Offices, Outside, Parking)

(Cooling: entire footprint)

(Heating: Heat Pumps and Resistance Heating in Parish Hall and Classrooms)

| Year | Cooling Degree Days | Cost (\$) | Average Cost \$/kw-hr | Normalized Usage (kw-hr) | CO2 Emission Factor (lbs/kw-hr) | CO2 Emissions (tons) |
|------|---------------------|-----------|-----------------------|--------------------------|---------------------------------|----------------------|
| 2013 | 2,023 | 94,521 | 0.091 | 1,228,992 | 0.797 | 490 |
| 2014 | 1,689 | 78,729 | 0.075 | 1,021,220 | 0.787 | 402 |
| 2015 | 2,110 | 78,763 | 0.086 | 919,810 | 0.750 | 345 |
| 2016 | 2,334 | 67,222 | 0.081 | 835,441 | 0.709 | 296 |
| 2017 | 2,083 | 66,081 | 0.085 | 856,740 | 0.621 | 266 |
| 2018 | 2,337 | 66,354 | 0.082 | 766,767 | 0.614 | 235 |
| 2019 | 2,257 | 66,431 | 0.081 | 823,430 | 0.524 | 220 |

Cost data from SJN Utility Bill;

Normalized Usage = Actual Usage from Utility Bills Adjusted for Difference in Cooling Degree Days Compared to 2015

(assuming 17% of electricity use is for cooling; remainder of usage for lighting, refrigeration, computers, etc. is unadjusted);

CO2 Emission Factor is a Weighted Average for Generation in Virginia, from DOE/EIA EIA-923 Monthly Generation and Fuel Consumption Time Series File coupled with EPA AP-42 Emission Factors for Coal, Oil, and Natural Gas (assuming generation from combined cycle units)

ENERGY AUDIT (May 2014)

Pre-audit Actions (around 2012): Installed *LED lighting* in main church area and exit signs, *motion detectors* for lighting in most offices/classrooms/restrooms

Action 1 (late 2014): Used *Permafrost additive* to remove “oil fouling” from air conditioning compressors, resulting in less energy use by achieving set temperatures quicker, extending the useful equipment life and improves the efficiency of the system (~20% less energy)

Action 2 (late 2014): Replaced single speed *air handler motors* with variable frequency drives to tune the airflow to building needs, makes the air handler more efficient (~40% less energy).

Action 3 (late 2014): Installed *LEDs in Parish Hall, Chapel, Parking Lot, most offices/classrooms*. LEDs use less power (watts) per unit of light generated (lumens). Chapel – 1,750 watts reduced to 140 watts, equivalent lumens; Parish Hall – 7,448 watts reduced to 836 watts; Parking Lot – 25,000 watts reduced to 2,500 watts; also reduces maintenance costs since LEDs have a much longer life.

Summary:

Consider setting up an energy audit for your home
Walk through or Comprehensive

Some improvements you might do on your own,
Other tasks will require a contractor

There are many easy fixes to reduce energy
consumption - that translates into reduced GHG.

Plans for SJN?

Organize a group effort for many audits and
arrange for a donation to SJN from company(ies)

Investigate non profit group to visit renters?

List of Energy Auditors in Northern Virginia - Provided by Dominion Energy

List of Energy Auditors in Northern Virginia Region - Provided by Dominion Energy

Energy Auditors - HERS and BPI Certified - 062718

| Company | Contact | Street | City | Region | State | Zip | Phone | Email contact | Certifications |
|--|-------------------------------|--------------------------------|----------------|----------------|-------|------------|--------------------|--|----------------|
| Accurate Insulation, LLC | Bob Burgess | 15121 Marlboro Pike | Upper Marlboro | VA/DC/MD Metro | MD | | 20772 301-627-6506 | bobburgess@accurateinsulation.com | BPI |
| Air-Right Energy Design Inc. | Craig Carter and Rick Graham | 12167 Livingston Road | Manassas | VA/DC/MD Metro | VA | | 20109 703 530-0166 | CCarter@air-right.com | BPI |
| American Green Engineering Solutions | Peter M. McGuire | P.O. Box 393 | Nokesville | VA/DC/MD Metro | VA | | 20182 703-975-1759 | Amerigreenengsol@gmail.com | HERS |
| Amicus/Access Green | Brian Uher | 4080 Howard Ave | Kensington | VA/DC/MD Metro | MD | | 20895 301-571-8590 | brian@amicusgreen.com | HERS, BPI |
| Ardently Green | Kevin Krom | 45710 Oakbrooke Court | Sterling | VA/DC/MD Metro | VA | | 20166 703-421-1799 | kkrom@ardentlygreen.com | BPI |
| Argent Heating and Cooling/ Amicus | David Pugh | 5 Ridout St | Annapolis | VA/DC/MD Metro | MD | | 21401 240-299-0657 | pughbrothers@gmail.com | BPI |
| Ashe Consultants | John C. Bouman | 950 Herndon Parkway, Suite 320 | Herndon | VA/DC/MD Metro | VA | 20170-5596 | 703-230-2500 | jcbouman@asheconsultants.com | CEM |
| Astracor, Inc | Dave Daly | 3660-D Wheeler Ave | Alexandria | VA/DC/MD Metro | VA | 22304-6403 | 703-212-8294 | davedaly@astracor.net | BPI |
| Avalon Energy Services, LLC | Jim McDonnell | 5507 Lambeth Rd | Bethesda | VA/DC/MD Metro | MD | | 20814 301-718-7321 | jmcdonnell@avalonenergy.us | BPI |
| The Avenue Builders (Bellanca Construction, LLC) | Chris Bellanca | 2210 Mount Vernon Avenue | Alexandria | VA/DC/MD Metro | VA | | 22301 703-299-9251 | chris@theavenuebuilders.com | HERS |
| Baretoes LLC | Mark Lidd | 2770 Brooke Rd | Stafford | VA/DC/MD Metro | VA | | 22554 540-834-8700 | mark@baretoes.net | HERS, BPI |
| Building Performance Retrofitters LLC | Adam Letcher | 201 Progress Street, Suite #6 | Fredericksburg | VA/DC/MD Metro | VA | | 22401 703-789-6884 | Adam@BPRetrofitters.com | HERS, BPI |
| CGE Solutions, Inc. | Lee O'Neil | PO Box 221704 | Chantilly | VA/DC/MD Metro | VA | 20153-1704 | 703-574-4365 | loneal@cgesolutions.com | HERS |
| Continuum Energy Solutions | Kent Baake | 5645D General Washington Drive | Alexandria | VA/DC/MD Metro | VA | | 22312 703-354-0262 | info@ces-va.com | BPI, HERS |
| Conway Construction, LLC | Chris Conway | 6096 Madison Point Ct | Falls Church | VA/DC/MD Metro | VA | | 22041 540-818-2437 | chris@conwaygreenconstruction.com | HERS |
| CroppMetcalf Heating & Air Conditioning | Neil Dodson | 8421 Hilltop Road | Fairfax | VA/DC/MD Metro | VA | | 22031 240-882-5658 | ndodson@CroppMetcalfs.com | BPI |
| Dominion Energy Rater Grp. LLC | Peter McGuire | 8171 Windswept Ln | Culpeper | VA/DC/MD Metro | VA | | 22701 703-975-1759 | triple.crown2@hughes.net | HERS, BPI |
| East Coast Insulators, Inc. | Todd F. Holmes | P.O. Box 250 | Nokesville | VA/DC/MD Metro | VA | | 20182 703-594-2461 | ckeyser@ecinsulators.com | HERS |
| Easy Being Green | Merry Ortberg | 8595 Green Road | Warrenton | VA/DC/MD Metro | VA | | 20187 540-878-5700 | merry@easybeinggreenva.com | HERS, BPI |
| Ecobeco | Brian Toll | 5465 Randolph Road, Unit B | Rockville | VA/DC/MD Metro | MD | | 20852 240-396-2141 | info@ecobeco.com | BPI |
| EcoHouse | Colin Choney, Zach Dobelbower | 1425 4th Street, SW | Washington | VA/DC/MD Metro | DC | | 20024 202-640-2820 | info@e2cohouse.com | HERS, BPI |
| EDGE Energy | Jason Dispenza | 7904 Foxhound Rd | McLean | VA/DC/MD Metro | VA | | 22102 888-586-3343 | jasond@edge-gogreen.com | HERS, BPI |
| Eko Smart Solutions | Daryl Smith | 3213 Duke Street, Suite 717 | Alexandria | VA/DC/MD Metro | VA | | 22314 888.389.3551 | contact@Eko-Smart-Solutions.com | BPI |
| Elysian Energy, LLC | Caroline Eshelman | 1111 East West Hwy | Silver Spring | VA/DC/MD Metro | MD | | 20910 240-381-0395 | info@ElysianEnergy.com | HERS, BPI |

List of Energy Auditors in Northern Virginia - Provided by Dominion Energy, con't

| | | | | | | | | |
|---|------------------------------|-------------------------------------|--------------|----------------|----|-------------------------|---|-----------|
| Energy Efficiency Experts | Pascale Maslin | 2437 15th Street NW | Washington | VA/DC/MD Metro | DC | 20009202-557-9200 | pascale@epower3.com | BPI, HERS |
| Green Homes LLC | Larry Brown | 9116 Saytayana Drive | Fairfax | VA/DC/MD Metro | VA | 22031 703-622-1554 | larry@EnergyAuditForHomes.com | HERS |
| GSPH LLC | Jerry Eastridge | 9128 Aventon Ct. | Lorton | VA/DC/MD Metro | VA | 22079 703-403-7682 | jerrygsp@msn.com | BPI |
| The Home Energy Detective, Inc. | Troy D. Tanner | 8816 Cather Avenue | Manassas | VA/DC/MD Metro | VA | 20110 571-359-1060 | troy@homeenergydetective.com | BPI |
| Home Energy Medics | Scott Donelson | 817 22nd Street South | Arlington | VA/DC/MD Metro | VA | 22202 703-447-5379 | Scott@myenergyedics.com | BPI |
| Home Energy Specialists, LLC | Greg Caudill | 9532 Liberia Avenue, Suite 729 | Manassas | VA/DC/MD Metro | VA | 20110 703-929-2931 | greg@homereviewinc.com | HERS |
| Home Energy Saving Solutions | Mohammed El-Ghoul | 12100 Wedgeway Place | Fairfax | VA/DC/MD Metro | VA | 22033 703-260-1933 | info@virginiaenergyaudit.net | BPI |
| Home Performance Auditors and Contractors | Kevin Michaelyan | 1301 S Joyce St (Pentagon Row) | Arlington | VA/DC/MD Metro | VA | 978-376-0478 | | |
| Home Performance Solutions | Marty Valentine | 100 W. Jefferson Street | Falls Church | VA/DC/MD Metro | VA | 22046 703/876.9698 | marty@yourhps.net | HERS, BPI |
| IBTS | George Neall, Kevin Powell | 505 Huntmar Park Dr, Suite 250 | Herndon | VA/DC/MD Metro | VA | 20170 703-481-2000 | kpowell@ibts.org , gneall@ibts.org | HERS, BPI |
| Intelligent Energy Management, LLC | Andrew M. Pittman | P.O. Box 12026 | Arlington | VA/DC/MD Metro | VA | 22219-2026 703-249-4411 | andrew.pittman1@gmail.com | HERS |
| Lensis Builders Inc. | Richard W. Lensis | 12060 Cadet Court | Manassas | VA/DC/MD Metro | VA | 20109 703-367-8999 | lensisbuilders@comcast.net | HERS |
| Lilker EMO Energy Solutions, LLC | Eric Oliver | 3130 Fairview Park Drive, Suite 125 | Falls Church | VA/DC/MD Metro | VA | 22042 703-205-0445 x118 | oliver@lilkeremo.com | HERS, BPI |
| Live Green, LLC | Suzanne Parmet | 4318 Curtis Road | Chevy Chase | VA/DC/MD Metro | MD | 20815 301-674-1700 | info@livegreenhome.com | BPI |
| Old Europe Construction LLC | David Duncan | 1206 Summit Rd | McLean | VA/DC/MD Metro | VA | 22101 703-356-5665 | oecllc@gmail.com | BPI |
| Patuxent Environmental Group (PEG Inc.) | John Hensley, Matthew Cooper | 11130 Fairfax Blvd., Suite 206 | Fairfax | VA/DC/MD Metro | VA | 22030 703-934-2777 | info@pegenv.com | HERS, BPI |
| Piedmont Energy Analysis | Linda Mastervich | 8478 Springs Road | Warrenton | VA/DC/MD Metro | VA | 20186 540.428.3996 | Lmastervich@aol.com | HERS |
| Pinnacle Consulting Solutions LLC | William Ramsey | 500 Utterback Store Road | Great Falls | VA/DC/MD Metro | VA | 22066 703-406-7657 | brann@matrixfreeliving.com | HERS, BPI |
| Positive Energy, LLC | Patrick Michaelyan | 1301 South Joyce St, Suite 6-D | Arlington | VA/DC/MD Metro | VA | 22202 | PositivePBM@gmail.com | HERS, BPI |
| Pro Energy Consultants | Gary Graff | 1112 Moorefield Creek Road SW | Vienna | VA/DC/MD Metro | VA | 22180 703.255.2224 | ggraff@proenergyconsultants.com | BPI |
| Pro Energy Consultants | Sona Kalra | 520 Colston PI #302 | Winchester | VA/DC/MD Metro | VA | 22601 703-623-3797 | skalra@proenergyconsultants.com | BPI |
| Residential Energy Auditors, LLC | Earl Haynes, President | 9007 Adams Chase Circle | Lorton | VA/DC/MD Metro | VA | 22079 703-304-2740 | earlhaynes@reauditors.com | HERS |
| Southland Insulators, Building Science Division | Tom Ward and Juan Cruz | 8521 Quarry Road | Manassas | VA/DC/MD Metro | VA | 20110 703-330-0005 | ward@southlandinsulators.com | HERS, BPI |
| Standard Energy Solutions | Zachary T. Bidle | 202 Perry Parkway | Gaithersburg | VA/DC/MD Metro | MD | 20877 301-944-5255 | zach.bidle@standardenergysolutions.com | BPI |
| Sustainable Building Elements | Rich Gajarsky | 126 S. Snead St. | Ashland | VA/DC/MD Metro | VA | 23005 540-907-6463 | rich@sustainablebuildingelements.com | HERS, BPI |
| WellHome #812 (Manassas, VA) | Michael Hogan | 7400 Gateway Court | Manassas | VA/DC/MD Metro | VA | 20109-7312 703-393-6371 | Michael.hogan@wellhome.com | BPI |
| Windows on Washington | Eric Novotny | 14221A Willard Road, Suite 400 | Chantilly | VA/DC/MD Metro | VA | 20151 703.378.1190 | enovotny@windowsonwashington.net | BPI |
| Complete Home Solutions | Rob Burgee | 235 W Bay Front Road | Lothian | VA/MD Metro | MD | 20711 410-867-1202 | chs@chomesolutions.com | BPI |
| GreenEcoSavers, LLC | Rami Soppa | 12504 Forty Oaks Court | Herndon | VA/MD/DC Metro | VA | 20170 703-880-6658 | rsoppa@greenecosavers.com | CEM |
| Turner's Service Co., Inc. | Lisa Turner | 11512 Robertson Drive | Manassas | Entire State | VA | 20109 703-361-0816 | lsaturner@turnersserviceco.com | BPI |