



Sisler Builders Energy Audits

The first step in a home or building performance project is usually scheduling an energy audit.

Our audits are \$375 for houses and commercial buildings under 4000 square feet. For homes or buildings 4000 square feet and over we typically charge \$0.10 per square foot or stop by and give you an estimate. The audit will typically include the following:

- a.. Health and safety inspection of all combustion appliances (boiler, hot water heater, etc.)
- b.. Blower door testing for verification of adequate ventilation as well as air leakage detection and diagnosis
- c.. Physical inspection and evaluation of insulation throughout the building
- d.. Thermal scans of walls and ceilings to pin point air leaks and un-insulated or poorly insulated locations
- e.. Performance evaluation of combustion appliances and ventilation equipment
- f.. A cost estimate and work scope listing various improvements that would help you save on your energy bills, the estimated cost of these projects and about how much each one should save you each year
- g.. Submittal of your project to Efficiency VT for possible financial incentives before and after improvements have been made
- h.. If we perform work on your building which significantly reduces air leakage we will perform a "test-out audit" in order to make sure the combustion appliances still function safely and ventilation still meets health and safety standards in the new "tighter" environment.

The audit usually takes two of us about 3-4 hours but may take longer depending on what we find. It can occasionally take 5 or even 6 hours if things are complicated so we prefer to start in the morning so we can be sure to finish in one day. You don't need to be home when we perform the audit but we recommend that you try to be there if you can, at least for the blower door test and thermal scans at the beginning of the audit since this is usually the most dramatic and telling test we perform.

After we perform the audit we give you a list of recommendations for saving energy in your home or building. This list will include the estimated cost and expected energy savings associated with each improvement so you can see what will give you the "biggest bang for the buck". This helps you figure the simple payback you can expect on the individual parts of the project and the project as a whole.

The Efficiency Vermont incentives basically work like this:

- a.. First we perform an energy audit to understand how your home or building performs and how we might improve that and also to set a starting point for measuring energy savings. We can often install compact fluorescent bulbs (and maybe a few other energy saving items) for you at this point compliments of Efficiency VT.
- b.. Then we open a Home Performance with Energy Star project for your home or building with Efficiency VT and submit the audit and work scope to them so they can review the proposed improvements and reserve the incentive money for you.
- c.. We then send the cost estimate and work scope to you so you can review it and decide if you would like to move forward with any (or all) of the upgrades and improvements listed. This work scope will include an estimate of the incentives you can expect should you perform the improvements.
- d.. We perform the work.
- e.. We perform a "test-out audit" to make sure everything is safe and to quantify the energy savings we've achieved.
- f.. We submit that audit report to Efficiency VT.
- g.. Efficiency VT reviews the report and then sends us the incentive contract for your project.
- h.. We give that contract to you so you can sign it and you mail it to Efficiency VT.
- i.. They send you a check...usually in 4-6 weeks or so.

That's it in a nutshell. Then its time for you start to see some big savings and enjoy a safer, more comfortable home or commercial building.

Give us a call if you have any questions or if you'd like to schedule an energy audit: 802-253-5672 (Office) or 802-793-7212 (Cell) or email us at info@sislerbuilders.com or mike@sislerbuilders.com.

Thanks,

The Sisler Building Performance Team