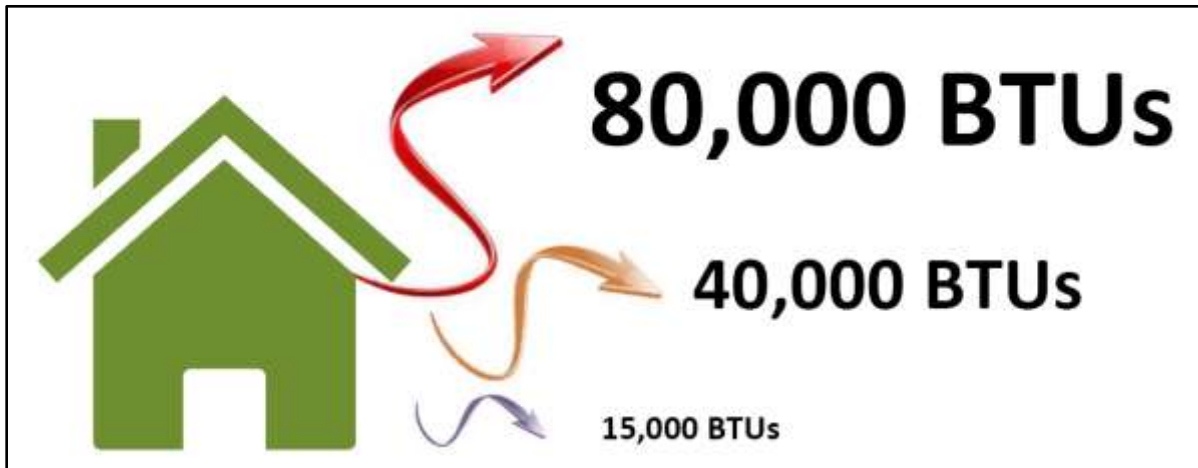


What's Your Number?



Are you spending too much on oil?

SAVE ENERGY = SAVE MONEY

If your house uses more than 40,000 BTUs per square foot then you probably have opportunities to improve your heating efficiency.

Use the calculator on the back to get an idea of YOUR number. All you need is your annual energy usage and the heated square feet of your home.

Number too high?

Contact the Sustainable Woodstock Energy Group for energy saving tips.

We can also help calculate your number.

Share your number.

Why? We are trying to help the state reach their goal of weatherizing 80,000 homes by 2020 so we want to track how Woodstock is doing.

The first 100 households that send us their number will get a coupon for a FREE Efficiency Vermont Energy Savings Kit which includes a CFL lightbulb and advanced power strip. All numbers will be kept confidential.

Contact the Sustainable Woodstock Energy Group at 457-2911 or energy@sustainablewoodstock.org



VT Button Up Day
October 5, 2013



sustainablewoodstock.org

Calculate your Energy Use

Step 1 – **Get your fuel usage** for a full year from all sources including oil, gas, wood and electricity. Call your fuel dealer or look at old bills to get this number. The number will be in gallons, kilowatts, cords or tons.

Step 2 – **Convert your usage to BTU equivalents.** Multiply your usage amount by the BTUs/ unit. A BTU or British Thermal Unit converts your fuel types to a common measurement. (Some of these numbers will be BIG.)

Fuel Type	Amount used in one year		BTU / unit		Total BTUs by type
Oil	gals	x	138,200 BTUs/gallon	=	
Propane	gals	x	91,600 BTUs/gallon	=	
Electricity	kWhs	x	3,412 BTUs/kWh	=	
Wood	cords	x	22,000,000 BTUs/cord	=	
Wood pellets	tons	x	16,000,000 BTUs/ton	=	
Total BTUs used:					

Step 3 – **Determine the square footage of your livable space.**
Include all heated spaces, but not your basement unless you are living in it.

Step 4 – **Calculate your number.** Divide the total BTUs used by the total heated square foot in your home. Need some help? Give us a call at 457-2911.

Total BTUs _____ ÷ total sq. ft. _____ = _____ BTUs/sf.

Step 5 – **Compare your number to an energy efficient house.**
If your home uses less than 40,000 BTUs of energy per square foot per year, then you have a relatively energy efficient space. If you use more than 40,000 BTUs/sf, then you probably have opportunities to improve your energy efficiency. Contact the Sustainable Woodstock Energy Group for energy saving tips or visit efficiencyvermont.com.

Step 6 – **Share your number and get a coupon for a free Efficiency Vermont Energy Savings Kit.**

Thanks to serg.org and Efficiency Vermont for their assistance and resources.