

# 1 ENERGY CONSUMPTION

One indicator of environmental impact is our energy consumption. Unlike many environmental factors that are hard to measure, we have very precise records of how much energy we are consuming each month and each year. We can use these records as a tool to help manage our consumption.

ELEC		Data
Total Elec Anl Kwh		29750
Date Range Util Bill		2011-2012

GAS/OIL		Data
Total Anl Therms		4915
Tot Anl BTU to Kwh		144050

Total Anl Elec Bill		\$2,529
Month Avg Elec Bill	\$	211

Total Anl Gas Bill		\$3,686
Month Avg Gas Bill	\$	307

TOTALS		
Tot Kwh (inc BTU)		173800
Total Energy Costs		\$6,215
% Elec of Total		41%

TOTALS		
Total Avg Month		\$518
% Gas/Oil of Total		59%

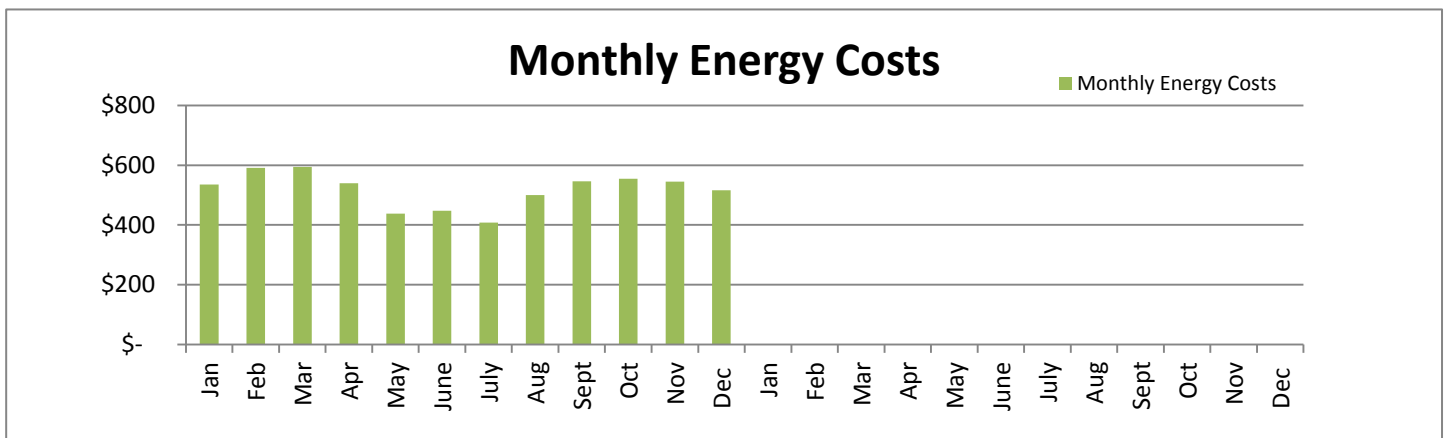
Tot Anl Baseload		\$2,411
Baseload % of Tot		39%

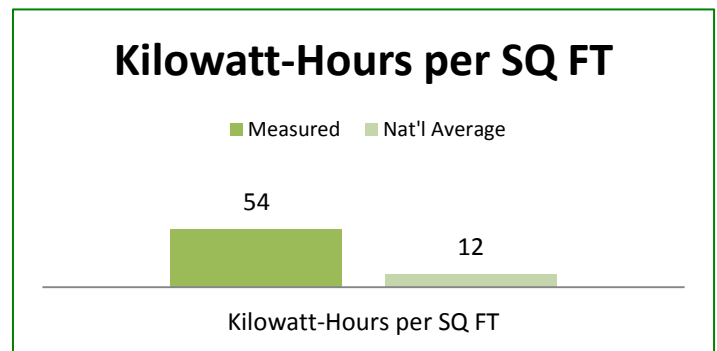
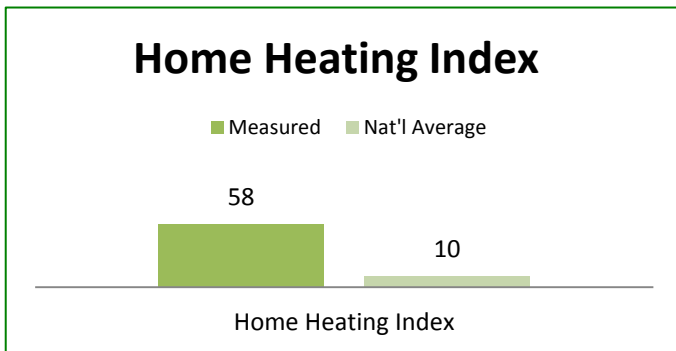
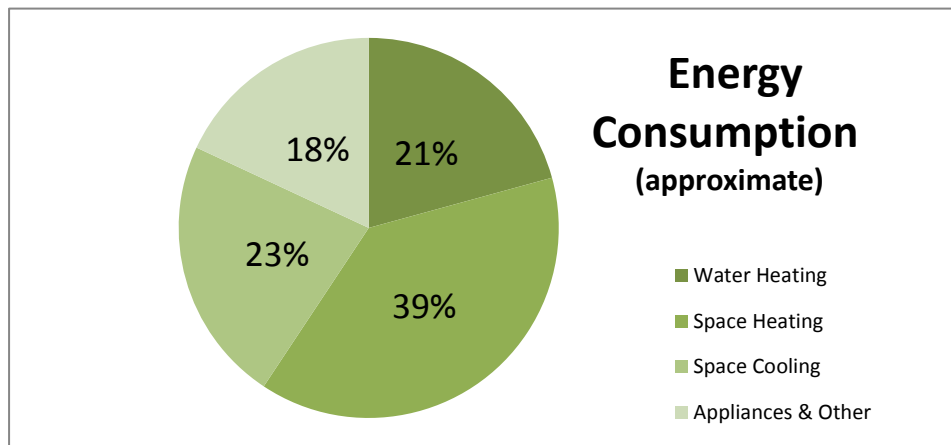
Seasonal % of Tot		61%
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Hm Htg Index (HHI)		58
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Tot Kwh per SQ FT		54
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Chart Description: Baseload=Total electrical load not including heating & cooling. It does include water heating; Kw=1000 watts; 1 Kwh=1 kilowatt used in one hour; Therm=unit of energy for volume of gas; 1 BTU=Amount of energy which is approximately energy used to burn one wooden match; Rcmd % BLoad Kwh=Percentage of baseload of total energy used. HHI=Home Heating Index.





**1.0 Utility Bill Analysis**

Utility bills are very high for this region. Recommend a followup visit as soon as possible so I can help you develop an action plan to lower your energy bill and improve your indoor air quality.

**1.4 Energy Management Systems**

*Energy Management System* : Contact Green Collar Crew if you are interested in learning more about a new product on the market to monitor and manage energy consumption, program heating and cooling, control lighting, control alarm system, set family energy reduction goals, etc.