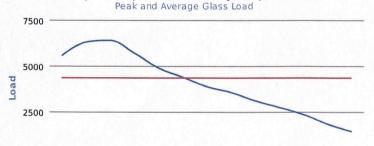
## **Current Home**

Electrical

Square Footage: 1644 sq. ft. House Fuel: Electric Water Heating Fuel: Electric Wall R-Value: 6.99 Floor R-Value: 10.00 Ceiling R-Value: 25.00 Window U-Value: 0.5 Window SHGF: 0.65 System Efficiency Loss: 15 % System Efficiency Gain: 15 % Cooling Infiltration Rate: 0.34 ACH Heating Infiltration Rate: 0.34 ACH Winter Ventilation: 0 CFM Summer Ventilation: 0 CFM

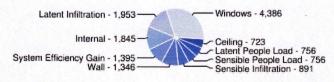
# Adequate Exposure Diversity Graph (AED)



8am 9am 10am11am12pm 1pm 2pm 3pm 4pm 5pm 6pm 7pm 8pm  — Hourly Loads — Average		
	Operating Load	Yearly Costs
Cooling	14,052	\$136
Heating	33,422	\$2,780
Water Heating	40,800 Gallons	\$598

5,425 KW/hr

Cooling Loads 14,052 btu/hr





#### About Your Home Energy Assessment

This report identifies how much energy your home consumes and suggests what measures you can take to make your home more energy efficient, save money, and improve comfort. It also includes estimates of savings for the recommended improvements, their costs and the return on investment.

#### **Current home**

The column of information to the left summarizes the existing characteristics of your home which affect its energy use. "R-value" reflects resistance to heat flow. Higher R-values are more effective in slowing heat loss, which maximizes energy efficiency and comfort. "System Efficiency" is a measure of the loss or gain of heat through the duct system. "Infiltration Rate" is the uncontrolled flow of air into a building through cracks, unwanted openings or other areas that allow air to penetrate, measured in changes per hour (ACH). "Ventilation" is the process of supplying air to, or removing it from a room or whole house, measured in cubic feet per minute (CFM).

#### AED Graph

This line graph shows the average load placed on your air conditioning system and how it varies by hour.

### Cooling Loads and Heating Loads

These pie charts identify the characteristics of your home and the impact they have on the annual operating loads placed on your cooling and heating systems.

\$136	
\$2,780	
\$598	
\$743	

Heating Loads 33,422 btu/hr

