# Utility Bill Analysis Quiz

# Weatherization Energy Auditor – Single Family

DISCLAIMER: This quiz is intended for use as an interim review. Distribute to students after training the associated curriculum chapter, or the next day, to refresh the lesson. Being publicly available renders this specific quiz invalid for use as a formal assessment tool for accreditation.  See Tier 2.14(b) IREC 01022 ISPQ accreditation standard.

Learning Objectives

By attending this session, participants will be able to:

* Discuss the heat values for different fuel types.
* State the advantages of analyzing utility bills.
* Define the terminology and categories of information used in a typical fuel bill.
* Demonstrate how to use utility bill analysis to determine base load vs. seasonal usage.

Questions

1. Approximately how many BTU’s are contained in 125 cubic feet of natural gas?

1. 75,000
2. 125,000
3. 25,000

2. There are numerous advantages to analyzing utility bills. From the list below check all that apply:

* A. Target weatherization to those homes with high energy use.
* B. Determine loads due to base load vs. other loads to help guide focus of audit.
* C. Assist clients in interpreting their energy-use patterns and identifying potential savings

through changes of habit.

* D. Determine normalized energy use before and after weatherization to discover true

savings.

* E. Identify potential health and safety issues related to moisture.

3. An electrical bill will contain the following kinds of information except:

1. Distribution charge.
2. Monthly Kwh consumption.
3. Therms.

4. A monthly estimate of base load use throughout the year is determined by:

1. Averaging the three highest months of use.
2. Totaling the three lowest months of use.
3. Averaging the three lowest months of use.