# Measure Selection Guidelines 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:

* Describe selection criteria for weatherization measures.
* Identify Appendix A of the DOE WAP Rule 10 CFR, Part 440.
* Explain the concepts of present value and fuel escalation rate as they relate to SIR.
* Practice SIR calculations.

Questions

1.Which of the following is a required criterion for weatherization efficiency measures?

1. Will pay for themselves through associated energy savings.
2. Simple payback is one or greater.
3. Improve the water-tightness of the home.

2.After conducting the audit and entering data into the software, you have a list of appropriate measures. When writing up your work order, if you have doubts about whether certain materials are approved for use in the program, where should you look?

1. The official WAP SIR calculator
2. National Energy Audit Tool’s library
3. Appendix A of 10 CFR 440

3.Which of the following best describes the concept of present value (PV)?

1. A penny saved is a penny earned.
2. $10 saved today is likely worth more than $10 saved 15 years from now.
3. Energy production is becoming more efficient and will likely cost less in the future.

4.Which of the following **BEST** describes the concept of fuel escalation rate as it relates to measure selection guidelines?

1. Energy production is becoming more advanced, and escalated fuel availability reduces the need for efficiency.
2. Heating appliances may not be replaced if it requires switching to a different fuel source, e.g., swapping electric heat for natural gas.
3. Fuel prices change. Predicting overall savings includes predicting how much the saved energy will be worth in the future.

5.A savings-to-investment ratio (SIR) lower than 1.0 indicates that a measure:

1. Will pay for itself through energy savings within one year.
2. Will not pay for itself through energy savings in its lifetime.
3. Will save less than 1MmBTU per year for the life of the measure.