Residential HVAC Breakout Session

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Today's Objectives

- Understand the Purpose of a CEE Initiative
- Evaluate Enhancement Scenarios
  - Equipment (climate optimized)
  - Quality Installation
  - Tune-ups/Maintenance
- Identify Recommendations

Agenda

Introduction (20 minutes)

- Overview of Current CEE Initiative
- Summary of 2010 HVAC Program Elements

Small Group Discussion (40 minutes)

- Equipment
- Quality Installation
- Tune-Ups/Maintenance

Present & Discuss Recommendations (30 minutes)

CEE Initiatives: Why We Work Together

- Influence National Markets
  - Manufacturers
  - Standard setting organizations
  - Associations
  - Federal Government
- Share Good Program Practices
  - Necessary and sufficient market conditions
  - Raise the bar
  - Leverage CEE staff support
- Voluntary Platforms

Current CEE Central AC Initiative

- “Mandatory” equipment element
  - Tiered specification with SEER, EER, and HSPF
- “Voluntary” quality installation
  - ANSI/ACCA QI Standard
- Silent on tune-ups and maintenance

2010 HVAC Programs

- ENERGY STAR Equipment
- CEE Tiered incentives
  - Matched system
  - EER
  - CEE Directory
- Consumer or distributor
- $200-$800

- ENERGY STAR QI
- Charge and Air flow
- Duct sealing
- Manual J
- Contractor incentives
- Training/Certification
- Tune-ups
- Verification
- $100-$1200

Less Common Items

- Programmable Thermostats/Advanced Controls
- Ductless
- Inverters
- “ECM” motors
- Home Performance
- Discounted diagnostic tools
- Code compliance

Small Working Groups

3 Topics

- High Efficiency Equipment
- Quality Installation
- Maintenance/Tune ups

Considerations

- Specifications
- Marketing
- Industry capabilities
- Role of incentives
- Market barriers

How Could the CEE Initiative be Enhanced?

Webinar Participants

Answer questions using “chat” function

1. Should CEE’s Initiative address installation and maintenance? How?
2. What are the biggest national opportunities for HVAC efficiency?
3. How can we make better use of ENERGY STAR (or Top Tier)