



Evaluating the Merits of Variable Speed HVAC Solutions

Defining a National Approach that Supports
HVAC Programs and Industry Opportunities

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Objectives

- ▶ Evaluate efficiency potential of V.S.
- ▶ Consider implications to CEE & ENERGY STAR
- ▶ Suggest role of CEE and partners in 2010
- ▶ Identify remaining info/data needs
- ▶ Implications for Quality Installation

Ground Rules

- ▶ 100% Participation
- ▶ Questions during presentations encouraged
- ▶ Off-topic issues recorded in a parking lot
- ▶ All ideas are valid and valued
- ▶ Meeting closure outlines next steps and actions

This meeting will be held according to
CEE Guidelines for Program Meetings

Agenda

- ▶ Status of Quality Installation Platform
- ▶ Update on AHRI Certification
- ▶ Needs/Objectives of Utilities & Efficiency Orgs
 - SCE
- ▶ Industry Presentations on Variable Speed
 - Danfoss: Ducted
 - Mitsubishi: Ductless
- ▶ Discussion by All
- ▶ Next Steps

Introductions

Please share:

- ▶ Your name, position and organization
- ▶ What you'd like to achieve today

Group Discussion Questions

- ▶ Clarifying Questions on V.S.?
 - ▶ Implications of Software Solutions?
 - ▶ Pros and Cons: Current and Alternative Metrics?
 - ▶ Additional Information Needs?
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- ▶ How Should CEE & ENERGY STAR Evolve?

Possible Next Steps

- ▶ Joint CEE-Industry Steering Committee
 - Pilots
 - CEE Specification revision
 - Program guidance
 - Golden carrot