

SESSION 4A

CODES AND STANDARDS: THE SILENT PARTNER FOR ENERGY EFFICIENCY GAINS

Moderator: David Cohan, Northwest Energy Efficiency Alliance

PAPERS:

An Update on the Evaluation of Energy Efficiency Standards in California

Dan Groshans, The Cadmus Group

Allen Lee, The Cadmus Group

Jim Stewart, The Cadmus Group

Ayat Osman, California Public Utilities Commission

Ken Keating, CPUC Master Evaluation Contractor Team

Determining Compliance with Appliance Energy-Efficiency Standards

Christy Cathers, The Cadmus Group, Inc.

Allen Lee, The Cadmus Group, Inc.

Dan Groshans, The Cadmus Group, Inc.

Kenneth Keating, CPUC Master Evaluation Contract

SESSION SUMMARY:

Utilities increasingly are investigating the options of pursuing energy codes and appliance standards because of the potential they provide for significant, cost-effective energy savings. However, experience remains very limited in evaluating the impacts of programs seeking to upgrade codes. The two papers in this session discuss a protocol developed in California for evaluation of code and standard-related savings.

The first paper, by Dan Groshans, provides an overview of the protocol, its components and the calculations that lead to savings estimates. Data requirements for each of the components are also described, including an innovative, interactive online approach to a Delphi group.

The second paper, by Christy Cathers, describes the experiences and lessons learned found in applying the protocol to a number of specific technologies. The accuracy and confidence in the results varies considerably by technology providing insights which can be used to improve the protocol in the future.