

SESSION 5B

INDUSTRIAL ENERGY EFFICIENCY EVALUATION

A kaleidoscope session of industrial efficiency research including evaluating savings and persistence, electric efficiency potential, and program design for small and medium-sized industrial customers.

Moderator: Rafael Friedmann, Pacific Gas and Electric Company

PAPERS:

Study of Energy Savings Generated by Clients of the Industrial Assessment Center Program

Michaela Martin, Oak Ridge National Laboratory
Richard Schmoyer, Oak Ridge National Laboratory
Bruce Tonn, University of Tennessee
Susan Schexnayder, University of Tennessee

Integrating MA&E and Planning Studies to Understand and Capture Industrial Program Potential

Michael Rufo, Quantum Consulting, Inc.
Rafael Friedmann, Pacific Gas & Electric Company
Fred Coito, Kema-XENERGY

The Mom and Pop Machine Shop – Designing Programs for Small Industrial Customers

Marissa Myers, Quantum Consulting, Inc.
Kris Bradley, Quantum Consulting, Inc.
Philippus Willems, Quantum Consulting
Rafael Friedmann, Pacific Gas & Electric

SESSION SUMMARY:

This session spans industrial energy efficiency research from evaluation of savings, strategic planning issues to program design for efforts. The first paper presents the findings from an evaluation study of the persistence and spillover savings from the U.S. Department of Energy's Industrial Assessment Center (IAC) Program. The second paper presents results from a study of California potential from industrial energy efficiency efforts at a business-as-usual, advanced efficiency, and maximum efficiency scenarios under three electricity price cases. The savings are compared as well as the benefit-cost of the alternative scenarios. The third paper presents findings from a customer needs and wants study of small and medium-sized industrial customers in California. Program design implications are presented for small versus medium-sized industrial customers in California.

