

## **2 Residential Buildings: Program Design, Implementation, and Evaluation**

### **You're Getting Warmer: Impacts of New Approaches to Residential Demand Reduction**

Ken Agnew, KEMA-XENERGY

Miriam Goldberg, KEMA-XENERGY

Rob Rubin, San Diego Gas and Electric

### **Comprehensive Evaluation Study of 12,000 California Mobile Homes**

Anne Blankenship, Robert Mowris & Associates

Robert J. Mowris, Robert Mowris & Associates

Ean Jones, Robert Mowris & Associates

Dave Robison, Stellar Processes

Howard Reichmuth, Stellar Processes

### **Statewide Non-Electric Benefits Development in Massachusetts**

Rudolf Boentgen, NSTAR Electric

Steve Bonanno, NSTAR Electric

### **Multifamily Markets: Hard-to-Reach and Hard-to-Serve**

Robert Bordner, Energy Market Innovations, Inc.  
Robert M. Wirtshafter, Wirtshafter Associates, Inc.  
Mary Wold, Sempra Energy

### **California's 2002 Statewide ENERGY STAR® New Home Program Evaluation Results**

Matt Brost, RLW Analytics Inc.  
Mary Kay Gobris, Pacific Gas and Electric Company

### **An Assessment of Compliance with Energy-Efficient Construction Program Requirements in the Southeastern U.S.**

Cyrus Dastur, Advanced Energy

### **Screw-Based CFLs or Pin-Based Fluorescent Fixtures: Which Path to Greatest Lighting Energy Savings in Homes?**

Richard Faesy, Vermont Energy Investment Corp.  
Chris Granda, Vermont Energy Investment Corp.  
Jeff Pratt, Jeffrey R. Pratt, Inc.  
Margie McNally, Conservation Services Group

### **Non-Energy Benefits (NEBs) from ENERGY STAR®: Comprehensive Analysis of Appliance, Outreach, and Homes Programs**

Leah Fuchs, Skumatz Economic Research Associates, Inc.  
Lisa A. Skumatz, Skumatz Economic Research Associates, Inc.  
Jennifer Ellefsen, New York State Energy and Research Development Authority

### **Residential New Construction Baseline Study Best Practices: Lessons Learned from Long Island, New York**

Toben Galvin, Vermont Energy Investment Corp.  
Richard Faesy, Vermont Energy Investment Corp.  
Stuart A. Slote, Optimal Energy Inc.  
Kevin Harrison, LIPA/KeySpan Energy

### **What's a Builder to Do? Changes in California's Energy Efficiency Programs and Standards: 1995-2005**

Mary Kay Gobris, Pacific Gas & Electric Company  
Rachel Harcharik, Itron, Inc.  
Alan Fields, Itron, Inc.

### **A Matter of (Energy) Trust: An Energy Service Provider Looks for Leverage in a Deregulated Market Program Design and Implementation Issues**

Lois Gordon, Ecos Consulting  
John Graham, Ecos Consulting  
Jennifer Williamson, Ecos Consulting  
David Baylon, Ecotope, Inc.  
Bruce Manclark, Delta-T

### **Consumer Preferences for CFLs over Time: Where Are We Going?**

Stephen Grover, ECONorthwest  
Peter Graven, ECONorthwest  
Emily French, ECONorthwest

### **Impacts of an Energy Star® Promotion**

Jack Habart, Habart and Associates Consulting Inc.  
Joe Kelly, Habart and Associates Consulting Inc.  
Iris Sulyma, BC Hydro  
Ken Tiedemann, BC Hydro

### **Herding Cats: Developing a Uniform Approach to Achieving Energy Efficiency in High-Rise Multifamily Buildings for EPA's ENERGY STAR® Program**

David Hepinstall, Association of Energy Affordability  
Nehemiah Stone, Heschong Mahone Group, Inc.  
Richard Faesy, Vermont Energy Investment Corp.

### **Efforts to Develop National and Regional CFL Market Penetration Tracking to Monitor ENERGY STAR Program Success**

Jennifer Holmes, Itron, Inc  
Alan Fields, Itron, Inc  
Bill McNary, D&R International  
Elizabeth Titus, Northeast Energy Efficiency Partnerships, Inc.  
Glenn Reed, Northeast Energy Efficiency Partnerships  
Shel Feldman, Shel Feldman Management Consulting

### **Does Tracking Market Penetration of ENERGY STAR® Appliances Give the True Picture of Energy Efficiency Trends?**

Susan Humpherys, Itron, Inc.  
Alan Fields, Itron, Inc.  
Rich Pulliam, Southern California Edison

### **Energy Analysis Beyond Benchmarking for Multifamily Buildings: Results from Wisconsin's 30 Multifamily Buildings Study**

Don Hynek, Wisconsin Division of Energy  
James Cavallo, Kouba-Cavallo Associates  
Scott Pigg, Energy Center of Wisconsin

### **Reaching the Unreachable**

Mary Kammer, City of Lompoc

### **It's Not about the Savings: Achieving Energy Efficiency in Systems-Built Homes**

Dave Kinyon, Wisconsin Energy Conservation Corporation  
Mary Meunier, State of Wisconsin, Division of Energy  
Dan Ackerstein, Leonardo Academy  
Kathy Kuntz, Wisconsin Energy Conservation Corporation

### **Cinergy's Payment Plus Pilot Program: Teaching Customers the Skills They Need to Save Energy and Manage their Payment Performance**

Rick Morgan, Morgan Marketing Partners  
Kathy Schroder, Cinergy  
Nick Hall, TecMarket Works  
Johna Roth, TecMarket Works

### **Cooling Off While Utilities Heat Up in the Rockies**

Chris Schroeder, Nexant, Inc.  
Bob Zaragoza, Xcel Energy  
Jon Little, Platte River Power Authority  
James E. Gilroy, PacifiCorp

### **Design, Implementation and Evaluation of University Housing Energy Reduction Contests**

John Seryak, University of Dayton  
Kelly Kissock, University of Dayton

### **Evaluation on Residential Energy Efficiency Programs Using the City-Scale End-Use Simulation Model**

Yoshiyuki Shimoda, Osaka University  
Takuro Fujii, Osaka University  
Takao Morikawa, Osaka University  
Minoru Mizuno, Osaka University

### **Successful Techniques for Identifying, Measuring, and Attributing Causality in Efficiency and Transformation Programs**

Lisa A. Skumatz, Skumatz Economic Research Associates, Inc.  
Daniel Violette, Summit Blue Consulting, LLC  
Rose A. Woods, Skumatz Economic Research Associates, Inc.

### **Marketing Zero Energy Homes to Production Builders**

David Springer, Davis Energy Group  
Rob Hammon, ConSol

### **Using Non-Energy Benefits (NEBs) to Market Zero and Low Energy Homes in New Zealand**

Albrecht Stoecklein, BRANZ Ltd.  
Lisa A. Skumatz, Skumatz Economic Research Associates, Inc.

### **Energy Efficiency-Based Utility Allowances: A Driver for More Efficient Affordable Housing**

Nehemiah Stone, Heschong Mahone Group, Inc.  
Sean Denniston, Heschong Mahone Group, Inc.  
Puja Manglani, Heschong Mahone Group, Inc.  
Charles Ehrlich, Heschong Mahone Group, Inc.

### **Resource-Efficient Laundry Room Demonstration and Evaluation: A Holistic Approach to Maximizing Energy, Water and Cost Savings in Multifamily Laundry Rooms**

Greg Sullivan, Battelle - Pacific Northwest Division  
Graham Parker, Battelle - Pacific Northwest Division  
Jack Jenkins, Focus on Energy Apartment & Condo Efficiency Services

### **Residential Real-Time Pricing: The Energy Smart Pricing Plan**

Kathy Tholin, Community Energy Cooperative

Larry Kotewa, Community Energy Cooperative

Anthony Star, Community Energy Cooperative

Michael Ozog, Summit Blue Consulting

Mark Thornsjo, Summit Blue Consulting

Lisa A. Skumatz, Skumatz Economic Research Associates, Inc.

### **Charting the Home Performance Contractors Territory**

Gregory Thomas, Performance Systems Development, Inc.

Robert Knight, Bevilacqua Knight, Inc.

Chris Scruton, California Energy Commission

### **Bottom-Up Simulation Model for Estimating End-Use Energy Demand Profiles in Residential Houses**

Kiichiro Tsuji, Osaka University

Fuminori Sano, Osaka University

Tsuyoshi Ueno, Osaka University

Osamu Saeki, Osaka University

Takehiko Matsuoka, Kansai Electric Power Company

### **High Profile at Low Cost: Introducing a Multi-Family Residential Market to High-Performance Building Design and Construction**

Barry L. Zalph, Louisville Metro Air Pollution Control District

### **Pent Up Demand: Nevada Power and Sierra Pacific Power 2003 ENERGY STAR® Appliance Rebate Program**

John Zugel, Ecos Consulting

Andria Jacob, Ecos Consulting

John Hargrove, Nevada Power/Sierra Pacific Power Company

Kelly Johnson, Nevada Power/Sierra Pacific Power Company