

Table of Contents

Panel 2 - Residential Buildings: Program Design, Implementation, and Evaluation

Foreword	2.iii
Acknowledgments	2.v
Introduction	2.xi
Developing Energy-Efficiency Packages for New Production Homes	2.1
<i>Richard E. Brown, Lawrence Berkeley National Laboratory</i>	
<i>Celina S. Atkinson, Lawrence Berkeley National Laboratory</i>	
<i>Jeffrey L. Warner, Lawrence Berkeley National Laboratory</i>	
<i>Judy A. Roberson, Lawrence Berkeley National Laboratory</i>	
<i>Marla C. Sanchez, Lawrence Berkeley National Laboratory</i>	
<i>Sarah E. Bretz, Lawrence Berkeley National Laboratory</i>	
<i>Jonathan G. Koomey, Lawrence Berkeley National Laboratory</i>	
Performance Contracting for Small Fry—Including Individually Owned Multifamily Buildings in a Public/Private Sector Partnership	2.13
<i>Mark Burger, U.S. Department of Energy</i>	
<i>Val Jensen, U.S. Department of Energy</i>	
Developing a Market-Based Utility Duct Sealing Program	2.21
<i>Bob Davis, Ecotope, Inc.</i>	
<i>David Baylon, Ecotope, Inc.</i>	
<i>Aaron Houseknecht, Ecotope, Inc.</i>	
Market Penetration: How to Predict the Future	2.33
<i>Stephen Grover, Quantum Consulting, Inc.</i>	
<i>Ibbie Ikenze-Bates, Quantum Consulting, Inc.</i>	
The Design and Implementation of the First Low-Income, Shared-Savings Weatherization Program: A Wisconsin Pilot Program	2.45
<i>Nick Hall, Tecmrkt Works</i>	
<i>John Reed, Tecmrkt Works</i>	
<i>Dick Strand, Southwest CAP</i>	
An Integrated Approach to Low-Income Energy Affordability for a Restructured World	2.59
<i>Blair Hamilton, Vermont Energy Investment Corporation</i>	
<i>David Carroll, Response Analysis</i>	
<i>Ben Adams, Honeywell DMC</i>	
<i>Susan Ringhof, Energis Resources</i>	

An Evaluation of the Fort Polk Energy Savings Performance Contract 2.71
Patrick J. Hughes, Oak Ridge National Laboratory
John A. Shonder, Oak Ridge National Laboratory

California Lighting Model 2.81
Erik Kolderup, Eley Associates
Charles Eley, Eley Associates
Lisa Heschong, Heschong Mahone Group

Serving Low Income Households in a Competitive Environment: It’s a Tough Job, But Someone’s Got to Do It 2.93
Martin G. Kushler, American Council for an Energy-Efficient Economy
James P. Malinowski, Detroit Edison
Nicholas P. Hall, Tecmrkt Works

The Market Value of Energy Efficiency: What Have We Learned? What Do We Still Need to Learn? 2.103
David Lee, U.S. Environmental Protection Agency
Rick Nevin, ICF, Incorporated
Barbara C. Farhar, National Renewable Energy Laboratory

Getting Our Ducts in a Row: Evaluation of the Tacoma Duct Sealing Program 2.115
David Lerman, Tacoma Power

The Summer Comfort House: A Prototype Compressorless House for California Transitional Climates 2.127
George Alexander Loisos
M. Susan Ubbelohde, University of California, Berkeley

The Potential for Low-Income Aggregation in Restructured Energy Markets 2.141
Deirdre Lord, Citizens Energy Corporation
John Snell, Citizens Energy Corporation

Promoting High Efficiency Residential HVAC Equipment: Lessons Learned from Leading Utility Programs 2.153
Chris Neme, Vermont Energy Investment Corporation
Jane Peters, Research Into Action
Denise Rouleau, Consortium for Energy Efficiency

Assessing Persistence: Experiences Documenting Savings Persistence Under the California Protocols 2.165
Mary O’Drain, Pacific Gas and Electric Company
Timothy O. Caulfield, Equipoise Consulting Inc.

Energy Savings from a Comprehensive Multi-Family DHW Retrofit Program 2.177
Howard S. Reichmuth, Quantec, LLC
M. Sami Khawaja, Quantec, LLC

Measured Heating System Efficiency Retrofits in Eight Manufactured (HUD-Code) Homes 2.189
Jeffrey Siegel, Lawrence Berkeley National Laboratory
Bob Davis, Ecotope, Inc.
Paul Francisco, Ecotope Inc.
Larry Palmiter, Ecotope Inc.

Successful State and Local Approaches to Improving Efficiency in Existing Homes 2.201
Margaret Suozzo, American Council for an Energy-Efficient Economy

Low-Income Energy Services in a Competitive Environment 2.213
Bobbi Tannenbaum, Energy Center of Wisconsin
Kathy Kuntz, Energy Center of Wisconsin

Low-Income Baseload Energy Efficiency Program Gets Results 2.223
Elizabeth Titus, New England Power Service Company

Home Energy Ratings and Energy Codes—A Marriage that Should Work 2.231
Malcolm E. Verdict, Alliance to Save Energy
Philip W. Fairey, Florida Solar Energy Center
Michael C. DeWein, Buildings Code Assistance Project

Lessons Learned in the Energy Star® Homes Program 2.243
Eric Werling, ICF, Incorporated
John D. Hall, ICF, Incorporated
David Meisegeier, ICF, Incorporated
Sam Rashkin, U.S. Environmental Protection Agency
Blaine Collison, U.S. Environmental Protection Agency
Glenn Chinery, U.S. Environmental Protection Agency

Savings from an Expedited Duct Sealing Program for Mobile Homes 2.259
Anne Minor West, West & Company
David Robison, Stellar Processes, Inc.
Howard Reichmuth, Stellar Processes, Inc.
Tom West, Eugene Water and Electric Board