

INTERNATIONAL ENERGY PROGRAM EVALUATION CONFERENCE

August 14-16, 2007 — Chicago, Illinois

CONFERENCE AGENDA

DAY ONE: Tuesday, August 14 (Continental Breakfast Served from 7:30 - 8:15)

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Welcome and Opening Plenary Speaker, Dean Langford, formerly President and CEO of Sylvania and OSRAM SYLVANIA, speaking on Energy – Crisis or Opportunity

9:30 - 10:00 BREAK

10:00 - 12:00

8:15 - 9:30

Closing the Loop: The Use of Evaluation Results by Program Managers

Moderator: Ed Vine, Lawrence Berkeley National Laboratory/California Institute for Energy and Environment

Evaluation as a "Learning By Doing" Tool for the Implementation of Local Energy Efficiency Activities

Speaker: Jean-Sebastien Broc, ARMINES – Ecole des Mines de Nantes

The Importance and Influence of Evaluation in the Early Stages of Pilot Program Design and Planning: A Case Study

Speaker: Johna Roth, TecMarket Works

In It Together: Getting Evaluators and Implementers to Talk With One Another

Speaker: Jennifer Holmes, Itron for Shel Feldman, Shel Feldman Management Consulting

How Organizations Implement Evaluation Results

Speaker: Jane Peters, Research Into Action, Inc.

Doing it Better: Using Research to Improve Programs and Evaluations

Moderator: Ken Keating, Bonneville Power Administration

Myth-Busting Savings Calculations

Speaker: Dan Barbieri, RLW Analytics, Inc.

Energy Efficiency Best Practices: What's New?

Speaker: Jennifer Fagan, Itron, Inc.

Integrating Process, Impact and Market Assessments: A Case Study in Maximizing the Value of Evaluation Results

Speaker: Chris Dyson, KEMA, Inc.

Evaluation Resuscitation: Breathing Life Into a Slumbering Evaluation Group and Defining the Role of Evaluation in the Emerging "Utility of the Future"

Speaker: Rich Hazzard, Energy Market Innovations

Evaluation Rules! – Protocols and Frameworks

Moderator: Elizabeth Titus, Northeast Energy Efficiency Partnerships, Inc.

Building Bridges Between Energy Efficiency Program Evaluation and Greenhouse Gas Mitigation Quantification Protocols

Speaker: David Sumi, PA Consulting Group

Developing Protocols to Estimate Load Impacts from Demand Response Programs and Cost-Effectiveness Methods – Rulemaking Work in California

Speaker: Daniel Violette, Summit Blue Consulting. LLC

Starting Over - Developing an Evaluation Framework and Protocols in Ontario

Speaker: Michael Messenger, Ontario Power Authority

New Evaluation Framework: Turning the Silo on Its Side

Speaker: Cherie Gregoire, NYSERDA

A Diamond in the Rough

Moderator: Paul DeCotis. NYSERDA

Chasing O&M Savings: Process Lessons Learned from Two Pilot Programs in the Northwest

Speaker: Linda Dethman, Dethman & Associates

Finding Hidden Energy Savings: Operational, Maintenance, and Behavioral Savings for Large Commercial Customers

Speaker: Margo Longland, BC Hydro.

How Much Does Retrocommissioning Really Save? Results From Three Commissioning Program Evaluations in California

Speaker: Bing Tso. SBW Consulting, Inc.

Lessons Learned from a Decade of Evaluating Customized Commercial and Industrial Efficiency Measures

Speakers: Eric Studer, Demand Management Institute

DAY ONE: Tuesday, August 14 - Continued

12:00 - 1:30	LUNCH AND PRESENTATIONS OF LIFETIME ACHIEVEMENT AWARDS
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1:30 - 3:00

Demand Response Programs: Better Results Through Better Evaluation

Moderator: Bill Saxonis, New York State Department of Public Service

A Methodology for Estimating Large-Customers Demand Response Market Potential

Speaker: Charles Goldman, LBNL

Desperately Seeking Savings from Small Scale Demand Response: The California Experience

Speaker: Robert Wirtshafter, Wirtshafter Associates, Inc.

Participation of Demand Response Resources in ISO New England's Ancillary Service Markets

Speaker: Robert Burke, ISO New England

Establishing Benchmarks and Conducting Baseline Studies

Moderator: Dave Weber, NSTAR

Benchmarking and Best Practice in Power Management of Computers and Other Plug Loads on Campus

Speaker: Carol Sabo, PA Consulting Group

Innovative Lighting Baseline Hours-of-Use Research in Primary and Secondary Schools

Speaker: Dan Barbieri, RLW Analytics, Inc.

You've Decided You Need a New Baseline Study – Now What? Energy Star® Homes Baseline Studies: Challenges and Solutions

Speaker: Dorothy Conant, Independent Consultant Evaluating Energy Efficiency Programs in the Low-Income Sector

Moderator: Marty Kushler, American Council for an Energy Efficient Economy

Design of the National Impact Evaluation for the DOE Weatherization Assistance Program

Speaker: Mark Ternes, Oak Ridge National Laboratory

Estimating the Energy Savings Potential Available from California's Low Income Population

Speaker: Kathleen Gaffney, KEMA. Inc.

Impact of Flipping the Switch: Evaluating the Effectiveness of Low-Income Residential Energy Education Programs

Speaker: Anne West, Quantec, LLC

Panel – The Role of Energy Efficiency and Evaluation in Reducing Greenhouse Gas Emissions

Moderator: Edward Vine, Lawrence Berkeley National Laboratory/California Institute for Energy and Environment

Panelists:

Steve Schiller: Schiller Consulting, Inc. and California Institute for Energy and Environment

Bill Prindle: American Council for an Energy Efficient Economy

Scott Bernstein: Center for Neighborhood Technology

3:00 - 3:30

DAY ONE: Tuesday, August 14 - Continued

3:30 - 5:00

Lessons Learned From a Decade of Demand Response Programs

Moderator: Mike Messenger, California Energy Commission

Want to Avoid Building a Large Power Plant? Top Ten Ways to (or "Attributes of") a Successful Demand Response Program

Speaker: Lark Lee, PA Consulting Group

Beat the Heat With a Better Baseline

Speaker: Steve Carlson, RLW Analytics, Inc.

Communication Reliability Improvements Through Measurement and Verification of Demand Response Programs

Speaker: Robert Bress, Comverge, Inc.

International Dimensions:
Evaluating Multiple Markets &
Measures

Moderator: Iris Sulyma, PowerSmart BC Hvdro

Assessment of White Certificate Schemes and Their Energy Saving Evaluation Methods

Speaker: Paolo Bertoldi, European Commission

Developing a Process for Harmonised Bottom-Up Evaluations in European Union Member States

Speaker: Harry Vreuls, SenterNovem

How Do We Measure Resident's Benefits? Benefits and Costs Through Energy-Saving Activities?

Speaker: Tsuyoshi Ueno, Central Research Institute for Electric Power Industry Marketing and Performance Issues in Energy Efficient Home Programs

Moderator: Ben Bronfman, Quantec, LLC

Energy Star® Homes and Green Building Programs: Can We Have a Successful Partnership?

Speaker: Betty Tolkin, Nexus Market Research

New Energy Star® Homes Requirements: Is It Harder to Recruit and Keep Builders?

Speaker: Dorothy Conant, Independent Consultant

Cracking the Code for Residential New Construction: Using End-Use Metered Data to Revise Energy Estimates of Compliance Models

Speaker: Clark Bernier, RLW Analytics, Inc.

Panel - Hot Topics

Moderators: Jim Mapp, Wisconsin Division of Energy, Marty Kushler, ACEEE, and Ken Keating, Bonneville Power Administration

This panel tackles the summer's hottest evaluation topic. To ensure "freshness", the subject of the panel and the panelists will be announced shortly before the conference.

5:30 – 7:00 EVENING	EVENING RECEPTION AND POSTER SESSION: Sponsored by ITRON, Inc.					
Moderato	Moderator: Elizabeth Titus, Northeast Energy Efficiency Partnership, Inc.					
If You Bu Lessons Interactiv Jennifer It's a Tar Someboo Assessin to a Utilit Water He Greg Cle Market F A Frame Educatio Program Kathleen CO2 Trac Assessm Recomm Dafina G Institute NEBS fro Perspect Patterns, Susie Go	Build It, They Will Come: s Learned in Creating an ive Lighting Display r Canseco, KEMA, Inc. ankless Job, But ody's Gotta Do It: ing Consumer Reactions ity-Sponsored Tankless Heating Program lendenning, Nexus Research ework for Energy on and Training in Portfolio Valuation on Gaffney, KEMA, Inc.	Failure to Follow-Through: Trends in Completion Rates of Residential Renewable Energy and Energy Efficiency Projects Eileen Hannigan, Wisconsin Energy Conservation Corporation Measuring the Impact of Programmable Thermostats in Gas Heated Homes Tim Hennessy, RLW Analytics, Inc. Quantifying a Moving Target: Challenges in Measuring Market Share for Market Transformation Programs Kathleen Hunt, Enbridge Gas Distribution Predicting Naturally Occurring Energy Efficiency – Development and Application of a New Tool to Obtain Expert Input Allen Lee, Quantec, LLC It's What You Do With What You've Got That Pays Off in the End – Energy and Demand Savings Estimates with Parsimonious Data Jim Mapp, Wisconsin Division of Energy	Back to the Future: Re-integrating Resource Planning with Open-Access Software Paul Meier, UW Energy Institute Mapping Software as a Program Management and Evaluation Tool Heidi Ochsner, Itron, Inc. Taking a Bath on Showerhead Savings Kathryn Parlin, West Hill Energy and Computing, Inc. Solar Incentive Structures and the Impacts of PV Performance and Costs George Simons, Itron, Inc. Willingness to Pay for a Clear Night Sky: Use of the Contingent Valuation Method Stephanie Simpson, Rochester Institute of Technology	Duct Soup: Research and Impact Results for Duct Sealing Programs Elizabeth Titus, Northeast Energy Efficiency Partnership, Inc. Conditional Demand Analysis of Residential Energy Consumption Ken Tiedemann, BC Hydro Energy Efficiency and Energy Education for Low-Income Households Anne West, Quantec, LLC		

DAY TWO: Wednesday, August 15 (Continental Breakfast Served from 7:30 - 8:30)

8:30	-
10:0	0

Working Like Clockwork? Evaluations of TOU Demand Response Programs From Across the U.S.

Moderator: Jeremy Newberger, National Grid with Ingrid Rohmund, Energy Insights as Discussant

Residential Time-of-Use with Critical Peak Pricing Program: Comparing Customer Response Between Educate-Only and Technology-Assisted Pilot Segments

Speaker: Jeff Erickson, Summit Blue Consulting, LLC

New Paradigm, Same Players: The Relationship Between Reliability and Price-Responsive Demand Response Program Participants in California

Speaker: Mike Ting, Itron, Inc.

Increase Your Commercial and Government Program Impacts

Moderator: Dave Ciepluch, We Energies

Get the Government! Understanding and Serving Government Customers Through Energy Efficiency Programs

Speaker: David Kyle, Efficiency Maine

Methodology for the Evaluation of an Energy Savings Performance Contracting Program for the U.S. Federal Government

Speaker: John Shonder, Oak Ridge National Laboratory

Decision-making in the Commercial Office Buildings Market: Targeting Key Players in the Office Submarket

Speaker: John H. Reed, Innovologie, LLC

The Greening of America...Tales From the Field

Moderator: Rich Hackner, GDS Associates, Inc.

Field Performance Reviews of Green and Sustainable Buildings

Speaker: Cathy Turner, New Buildings Institute

A Performance Evaluation Study of Photovoltaic Systems Installed Through the Long Island Power Authority's Clean Energy Initiative Solar Pioneer Program

Speaker: Ann Clarke, Long Island Power Authority

The Green, Green
Grassroots of Home:
Measuring Community-Based
Clean Energy Market
Development Initiatives in
Connecticut

Speaker: Timothy Pettit, Nexus Market Research Marketing and Social Marketing for Energy Efficiency

Moderator: Monica Nevius, Consortium for Energy Efficiency

Making the Intangible Tangible: How to Evaluate a Social Marketing Campaign

Speaker: Sharyn Barata, Opinion Dynamics

Measuring the Effects of Marketing Campaigns: Lessons and Innovative Methods from California

Speaker: Jennifer Mitchell-Jackson, Opinion Dynamics Panel – What Implementers Need From Evaluators

Moderator: Meg Matt, AESP

Panelists:

Rick Geradi, Lockheed Martin

Kathy Kuntz, Wisconsin Energy Conservation Corp.

Susan Nathan, Applied Energy Group

10:00 -10:30

DAY TWO: Wednesday, August 15 - Continued

10:30 -Noon

Giving Back: Cogeneration and Renewable Energy Systems

Moderator: Ann Clarke, Long Island Power Authority

Power to the People: The Benefits of a Decentralized Reporting Strategy for Tracking the Performance of Publicly Funded Renewable Energy Systems

Speaker: Shawn Shaw, The Cadmus Group, Inc.

Performance Assessment of Cogeneration Systems in California

Speaker: Brad Souza, Itron, Inc.

The Impact of Distributed Generation Facilities on California's Transmission and Distribution System

Speaker: George Simons, Itron, Inc.

Program Theory and Logic Models: Fairytales or Reference Manuals?

Moderator: Sharyn Barata, Opinion Dynamics

"Do I Have To?": Convincing Program Implementers that Program Logic Models Are Valuable

Speaker: Victoria Engel, New York State Energy Research and Development Authority

Program Theory-Drive Evaluation Approach – An Exercise in Practice

Speaker: Cynthia Austin, Heschong Mahone Group, Inc.

Using Simplified Pattern Matching to Define Program Theory and Assess Program Effectiveness – Application to a Green Buildings Program

Speaker: Allen Lee, Quantec, LLC **Evaluation of Low-Income Programs**

Moderator: Gil Peach, H.Gil Peach & Associates, LLC

If It's Affordable, Will They Pay? A Review of a Low Income Bill Payment Pilot Program

Speaker: Lark Lee, PA Consulting Group

In Crisis, In Need or In Want? Impacts of Policy Change on Wisconsin's Crisis Assistance

Speaker: Pamela Rathbun, PA Consulting Group

Energy Efficiency-Based Utility Allowance – Increasing the Affordability of Affordable Housing

Speaker: Julieann Summerford, Heschong Mahone Group, Inc. Non-Energy Benefits – What is Their Value to the Customer?

Moderator: Faith Lambert,, US Department of Energy

Custom NEBs: Are They Worth It? – Experiences, Challenges, and Directions in Massachusetts

Speaker: Jeremy Newberger, National Grid

Exploring the Application of Conjoint Analysis for Estimating the Value of Non-Energy Impacts

Speaker: Nicole Wobus, Summit Blue Consulting, LLC

Using NEBs to Attract "Ordinary" Homeowners to Energy Efficiency: The New Zealand Case

Speaker: Lisa Skumatz, Skumatz Economic Research Associates Panel – Spillover and Netto-Gross: Pursuing Accurate Evaluation of Energy Efficiency Portfolio Results

Moderator: Rafael Friedmann, PG&E

Panelists:

Mike Rufo, Itron, Inc. Ken Keating, BPA

Paul DeCotis, NYSERDA

Valerie Richardson, PG&E

Noon -1:30 **LUNCHEON SPEAKER Andrew Hargadon, UC Davis**

DAY TWO: Wednesday, August 15 - Continued

1:30 -3:00

Peaking Interest in Energy Efficiency

Moderator: Maureen McNamara, US EPA

Estimating Peak Demand Impacts of Energy Efficiency Programs: A National Review of Practices and Experience

Speaker: Dan York, American Council for an Energy-Efficient Economy

Overview of the Evaluations of California's 2004-2005 Efficiency Programs

Speaker: Nick Hall, TecMarket Works

Integrating Demand Side Resource Evaluations in Resource Planning – An Industry Turning Point

Speaker: Dan Violette, Summit Blue Consulting, LLC It's Not Your Father's Model Anymore: Innovative Impact Evaluation Methods

Moderator: Robert Wirtshafter, Wirtshafter Associates, Inc.

A Matter of Size: Using Ordinary Least Squares to Estimate Energy Savings in the Commercial Sector

Speaker: Hossein Haeri, Quantec. Inc.

Eliminating the Guesswork: The Information-Theoretic Approach to Model Selection

Speaker: Kathryn Parlin, West Hill Energy and Computing, Inc.

The Gift that Keeps Giving: A Structured Approach for Measuring Participant Spillover

Speaker: Christopher Dyson, KEMA Inc.

Cold Case: Methods and Evidence for Evaluation Refrigerator Recycling

Moderator: Bobbi Tannenbaum, KEMA

How Electric Customers Dispose of Used Refrigerators and Why They Choose a Utility Program

Speaker: Steve Westberg, Hiner & Partners

Gross Savings Estimation for Appliance Recycling Programs: The Lab Versus In Situ Measurement Imbroglio and Related Issues

Speaker: Shahana Samiullah, Southern California Edison

Net Savings Estimation in Appliance Recycling Programs: A Review and Empirical Analysis with Recent California Data

Speaker: Don Dohrmann, ADM Associates, Inc.

Attribution and Public Policy

Moderator: Ralph Prahl, Prahl

& Associates

Free Ridership and Spillover: A Regulatory Dilemma

Speaker: Bill Saxonis, NY State Department of Public Service

Maximizing Societal Uptake of Energy Efficiency in the New Millennium: Time for Net-to-Gross to Get Out of the Way?

Speaker: Rafael Friedmann, Pacific Gas & Electric

Market-Effects Momentum: Are We Giving Market Effects Their Full Due?

Speaker: Harley Barnes, Lockheed Martin Panel – Energy Efficiency and Demand Response – Separate Efforts or Two Ends of a Continuum?

Moderator: Ingrid Rohmund, Energy Insights

Panelists:

Bruce Evans, CPS Energy

Steve Braithwait, Christensen Associates Energy Consulting

Mike Alexander, PG&E

3:00 - 3:30

DAY TWO: Wednesday, August 15 - Continued

3:30 -5:00

World Wide View: Potential Energy Savings Studies

Moderator: Marygrace Cerce, KeySpan Energy Delivery

Building a Better Mousetrap: A Unique Approach to Determining Reliable Savings Potential

Speaker: Glenn Haynes, RLW Analytics, Inc.

DSM Potential Evaluation for Long-Term Resource Planning in Korea

Speaker: Chang Ho Rhee, Korea Electrotechnology Research Institute (KERI)

Electric Efficiency Potential Down-Under: New Zealand in Perspective

Speaker: Bobbi Tannenbaum, KEMA, Inc. Advances in Understanding Appliance Markets

Moderator: Pierre Landry, Southern California Edison for Shel Feldman, Shel Feldman Management Consulting

Seeing There Without Being There: Results of Using the Internet to Assess Appliance Availability in Retail Stores

Speaker: Thomas Mauldin, Nexus Market Research

Impact of Energy Prices and Energy Efficiency Activities on Sales of Energy Star® Appliances in California

Speaker: Ken Tiedemann, BC Hydro

Bounce Back from Energy Star® Specification Changes in the Appliance Market in the Northeast U.S.: A Regression Analysis

Speaker: Seth Snell, Applied Proactive Technologies, Inc.

Program Efficiency, Installation Quality and Peak Load Impacts: New Perspectives in Residential HVAC Evaluation

Moderator: David Hungerford, California Energy Commission

Savings Uncertainties in Residential Air Conditioning Rebate Programs

Speaker: Rachel Freeman, Summit Blue Consulting, LLC

Do Quality Installation Verification Programs for Residential Air Conditioners Make Sense in New England?

Speaker: Robert Wirtshafter, Wirtshafter Associates, Inc.

Measuring the Load Impact of an Air Conditioner Cycling Program

Speaker: Edward Lovelace, Southern California Edison Overcoming the Barriers to Introducing New Products

Moderator: Elizabeth Hicks, KEMA, Inc.

Raising the Temperature on Lighting: Acceptance and Energy Savings Potential Utilizing Spectrally Enhanced Lighting

Speaker: Brian Liebel, Afterimage+space

Put Another Nickel In: Market Opportunities for Energy Star Vending Machines Overcoming the Barriers of Leased Equipment

Speaker: Shawn Shaw, The Cadmus Group, Inc.

Product Selection – A Forgotten Vital Component of Program Design

Speaker: Nikhil Gandhi, Strategic Energy Technologies, Inc. Panel – Can Energy Efficiency Deliver for the Grid?

Moderator: Maureen McNamara, US EPA

Panelists:

Ken Keating, Bonneville Power Administration

Phil Mosenthal, Optimal Energy,

Stephen Cowell, Conservation Services Group

7:00 p.m.

FIELD TRIP: 3 Hour Architectural Cruise Around the Chicago Area. Watch Website for Details

DAY THREE:	Thursday	August 16
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7:00 - 8:15 Breakfast On Us

8:30 - 10:00

Evaluating the New

Moderator: Phil Degens, Energy

Trust

Evaluating Emerging Technologies Programs: Accelerating the Future

Speaker: Jonny Holz, ECONorthwest

An Evaluation Framework for a Portfolio of Research, Development and Demonstration Programs

Speaker: Helen Kim, NYSERDA

Leveraging For-Profit Businesses to Increase Non-Profit Energy Efficiency: Findings From Oregon's Business Energy Tax Credit Program

Speaker: John Boroski, ECONorthwest

Planning With What We Know and What We Don't Know – Assessing and Managing Uncertainty and Risk in Portfolio Construction and Evaluation

Moderator: Nick Hall, TecMarket Works

Energy Efficiency Portfolio Risk Management: A Systematic, Data-Driven Approach for Timely Interventions to Maximize Results

Speaker: Richard Ridge, Ridge & Associates

Multi-Criteria Decision Analysis: Managing Uncertainties in Program Energy Savings Cost-Effectively

Speaker: Hossein Haeri, Quantec, LLC

Optimizing DSM Program Portfolios Speaker: Toben Galvin, Summit Blue Consulting **Lighting Market Effects**

Moderator: Timothy Melloch, ComEd

Explaining Consumer Choice in Purchasing, Installing and Storing Compact Fluorescent Lamps

Speaker: Carrie Webber, KEMA, Inc.

Blinded by the Light: Why Are We in the Dark About How Many CFLs are Out There?

Speaker: Susan Oman, Nexus Market Research, Inc.

Compact Fluorescent (CFL) Saturation in the Northeast: Where the Rubber Hits the Road

Speaker: Thomas Ledyard, RLW Analytics, Inc.

Panel – ESL – Evaluation as a Second Language (or How to Translate the Value of Evaluation Results to a Diverse Audience)

Moderator: Kathleen Gaffney, KEMA, Inc.

Panelists:

Mike Sherman, Massachusetts Division of Energy Resources

Charley Budd, KEMA

Monica Nevius, Consortium for Energy Efficiency

Carol Mullholland, PA Consulting

10:00 - 10:30

DAY THREE: Thursday, August 16 - Continued

10:30 - Noon

Measure Lifetimes

Moderator: Don Flynn, Northeast Utilities Service Company

Updated Measure Lifetime Estimates: EULs Based on 10 Years of Studies

Speaker: Lisa Skumatz, Skumatz Economic Research Associates

Energy Savings Lifetimes of Measures: Will the New European Harmonized Lifetimes Account for Less Energy Savings Compared to the Policy Induced Energy Savings Measures?

Speaker: Harry Vreuls, SenterNovem

CFL Promotion and Evaluation

Moderator: Jim Mapp, Wisconsin Division of Energy

Evaluation of a Regional Compact Fluorescent Lamp Electricity Efficiency Pilot Program in New Zealand

Speaker: Peter Watt, Electricity Commission of New Zealand

Energizing Communities: Leveraging Non-Profit Organizations to Promote CFLs

Speaker: Katherine Johnson, Market Development Group

How Much is That CFL in the Window? I Do Hope It Is on Sale: Examining Price Differentials Between CFL and Incandescent Light Bulbs

Speaker: Greg Clendenning, Nexus Market Research Panel – E Pluribus Almost Unum – Developing Common Evaluation Policies and Protocols Across Six States

Moderator: Carol White, National Grid

Panelists:

Michael Sherman, Massachusetts Division of Energy Resources

Chris Neme, Vermont Energy Investment Corporation

Elizabeth Titus, Northeast Energy Efficiency Partnerships

Panel – Evaluators' Bias – Are Firewalls the Answer?

Moderator: Douglas Mahone, Heschong Mahone Group, Inc.

Panelists:

Ben Bronfman, Quantec, LLC Larry Pakenas, New York State Energy Research and Development Authority Nick Hall. TecMarket Works