

### INTERNATIONAL ENERGY PROGRAM EVALUATION CONFERENCE

# August 17-19, 2005 — New York, NY

## **CONFERENCE AGENDA**

## DAY ONE: Wednesday, August 17 (Continental Breakfast Served from 7:30 - 8:30)

8:30 - 9:30 Welcome and Opening Plenary Speaker, Ian Gearing, National Grid Transco plc

9:30 - 10:00

BREAK

10:00 - 12:00

The Case for Portfolio Evaluations – Methodologies, Challenges and Benefits

Moderator: Sharyn Barata, Opinion Dynamics Corporation

Overview of the Evaluations of California's 2002-2003 Energy Efficiency Programs

Speaker: Nick Hall, TecMarket Works

Designing Energy Efficiency Program Portfolios to Cost-Effectively Meet Conflicting Policy Objectives

Speaker: John Cavalli, Quantum Consulting, Inc.

Benefit/Cost Analysis of a Portfolio of Energy Efficiency and Load Curtailment Programs

Speaker: Helen Kim, New York State Energy Research and Development Authority

An Integrated Portfolio Approach to Evaluating Energy Programs: New York's Experience

Speaker: Paul DeCotis, New York State Energy Research and Development Authority May I Help You? The Supply Side of the Appliance Market

Moderator: Shel Feldman, Shel Feldman Management Consulting

On the Importance of the Supply Side in Demand-Side Management

Speaker: Carolyn Fischer, Resources for the Future

Taking Some of the Uncertainty Out of Retailer Self-Report ENERGY STAR Market Share

Speaker: Harley Barnes, Aspen Systems Corporation

Paying Attention to the Sales Floor: Why What's on the Ground Matters for Appliance Program Evaluation

Speaker: Seth Snell, Applied Proactive Technologies, Inc.

Are Retailers Gaming the System? Availability and Pricing of ENERGY STAR Room Air Conditioners

Speaker: Thomas Mauldin, Nexus Market Research Commercial Buildings

Moderator: Larry Pakenas, New York State Energy Research and Development Authority

Evaluating Retro Commissioning Programs

Speaker: Kristin Heinemier, Portland Energy Conservation Inc.

Application of Commercial Sector Energy Code Compliance Documents for Assessing Baseline Practice

Speaker: Gary Epstein, Energy & Resource Solutions. Inc.

How Architects Do and Do Not Drive New Construction Decisions

Speaker: Jane Peters, Research Into Action, Inc.

Evaluating Commercial Building Electricity Intensity: Leveraging National and Local Surveys

Speaker: Marvin Horowitz, Demand Research

Evaluation of Demand Response Programs From Baseline Determination and T&D Deferrals, to Technology-Based Programs

Moderator: Dan Violette, Summit Blue Consulting

Demanding Baselines: Analysis of Alternative Load Estimation Methods for Two Large C&I Demand Response Programs

Speaker: Amy Buege, Quantum Consulting, Inc.

Bonneville Power Administration Transmission Business Line Olympic Peninsula Demand Reduction Pilot Project

Speakers: Ulrike Mengelberg, Itron

Comprehensive Home Energy Management Systems for Demand Response: Are They Worth the Cost?

Speaker: Katherine Wang, Rocky Mountain Institute

Lessons Learned and Evaluation of 2-way Central A/C Thermostat Control System

Speaker: Joseph Lopes, Applied Energy Group, Inc.

DAY ONE:	Wednesday,	August 17	- Continued

12:00 - 1:30	LUNCH AND PRESENTATIONS OF L	IFETIME ACHIEVEMENT AWARDS		
1:30 – 3:00	There Is No Time Like the Right Time: Evaluating Real Time Electricity Pricing  Moderator: Bill Saxonis, New	Hot Topics - Cool Ideas  Moderator: Steve Bonanno, NSTAR	Getting to the Right Answers: Asking the Right Questions Moderator: Marian Brown, Southern California Edison	Panel – Doing More With Less - Leveraging Energy Efficiency Information Across Institutional Borders
	York State Department of Public Service	Evaluation of Program Standards	Company	Moderator: Lynn Hoefgen, Nexus Market Research, Inc.
		and Enforcements in Three Duct Sealing Programs	Are Implementers and Evaluators	Panelists:
	Evaluating Changes in RTP Price	Speaker: John Proctor, Proctor	Missing the Forest for the Trees?	Richard Karney, US DOE
	Response Over Time – The Effect of Market and Environmental Conditions	Engineering Group, Ltd.	Speaker: John Reed, Innovologie, LLC	Kenneth James, Pacific Gas and Electric Company
	Speaker: Steven Braithwait, Christensen Associates	Can Programmable Thermostats Be Part of a Cost-Effective Residential Program Portfolio?	Evaluator as Fool: Six Ways to Trick Evaluators into Confirming	Kevin Galligan, Cape Light Compact
	California's Experiment with	Speaker: Chris Dyson, KEMA, Inc.	Phantom Energy Savings as Real	
	Dynamic Pricing for Mass Market Customers	Furnace Rebates and Energy	Speaker: Hugh Peach, H. Gil Peach & Associates, LLC	

The Evaluation of Time Sensitive Electricity Pricing in New York City

Speaker: Ahmad Faruqui, Charles

Speaker: Lewis Kwit, Energy Investment Systems, Inc.

River Associates

Furnace Rebates and Energy Efficiency

Speaker: Ken Tiedemann, Habart & Associates

But is it True? Anticipating Evaluation Results for Planning

Speaker: Ben Bronfman, Energy Trust of Oregon, Inc.

3:00 - 3:30 BREAK

# DAY ONE: Wednesday, August 17 - Continued

3:30 - 5:00

A Review of the Range of Responses to Critical Peak Pricing From Residential to Large Customers

Moderator: Mike Messenger, California Energy Commission

Multiple Programs, Multiple Utilities, Multiple Agencies: Challenges and Results from a Real-Time, Statewide Evaluation of Large C&I Demand Response Programs

Speaker: David Hungerford, California Energy Commission

The Behavioral Effects of Enhanced Energy Information: An Evaluation of the California Statewide Information Display Pilot

Speaker: Jennifer Mitchell-Jackson, Opinion Dynamics Corporation

An Impact Evaluation of California's Information Display Pilot (Energy Orb)

Speaker: Craig Williamson, Primen

Doing Good, But How Much? Three Impact Evaluations of Low-Income Programs

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

Assessing and Comparing the Energy Impacts of Three Weatherization Programs in Ohio and Kentucky

Speaker: Johna Roth, TecMarket Works

Facing Uncertainty from Within and Without: An Impact Evaluation of the California Low Income Energy Efficiency Program

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

Low-Income Electric Usage Reduction: The Ohio Universal Service Fund Experience

Speaker: Michael Blasnik, M. Blasnik & Associates Come On-a My House: The Value of On-Site Data Collection

Moderator: Ben Bronfman, Energy Trust of Oregon, Inc.

Perspectives from the Trenches: Insights From Expert Field Engineers on Customer Practice and Behavior

Speaker: Mark D'Antonio, Energy & Resource Solutions, Inc.

A Model for On-Site Inspection Protocols That Quantify Program Comprehensiveness and Service Delivery Performance

Speaker: David Carroll, APPRISE

Inc.

California Commercial On-Site Survey: What Did We Learn? Speaker: Thomas Mayer, Itron, Panel – Best Practices and Benchmarking: Taking the Next Steps

Moderator: Kenneth James,
Pacific Gas & Electric Company

Panelists:

Annette Bietel, Pacific Gas & Electric Company

Marc Hoffman, Consortium for Energy Efficiency

Michael Rufo, Quantum Consulting, Inc.

5:30 - 7:00 EVEN	ENING RECEPTION AND PO	STER SESSION: Sponsored by ITR	ON, Inc.	
Mode	Moderator: Pierre Landry, Southern California Edison Company			
Evaluation  An IO of "Ze Robb Association Assess Marke Techric Barban Nation Devel Frame Assess Paolo Comm  Evaluation Commensuration Anne & Assistant Assess Anne & Assistant A	uating Impact of Policy on r and New Home Integration Abe, KEMA, Inc.  OU's Evaluation of the Benefits for Energy Homes"  b Aldrich, Steven Winter ociates, Inc.  essing Consumer Values and tet Strategies for an Emerging annology – Solid State Lighting oran Ashdown, Oak Ridge onal Laboratory  eloping a Common European nework for Energy Savings essment  to Bertoldi, European omission  uation Study of a Small amercial Boiler Incentives	Case Study of the California Cement Industry  Fred Coito, KEMA, Inc.  San Francisco Peak Energy Program Partnership Evaluation  Kevin Cooney, Summit Blue Consulting  A Journey Into The Best Practices Website  Rafael Friedmann, Pacific Gas & Electric Company  Building Communities for Sharing Energy Knowledge and Learning to Enhance Performance  Kenneth James, Pacific Gas & Electric Company  The Structure and Operation of the Retail Food Sales Market  Katherine Johnson, KJ Consulting  Refrigerant Charge and Airflow Verification Program  Ean Jones, Robert Mowris & Associates  Dynamic Residential Pricing: Implementing and Evaluating Real-Time Pricing in the Residential Sector Lawrence Kotewa, Community Energy Cooperative	Evaluation and Management of an Energy Efficiency Information Center: Criteria for the Selection of Indicators Karla Kwiatkowski Lepetitgaland, Eletrobras  Watts Down With Energy Production and Reduction at Wastewater Treatment Plants Charles Collado, New York Power Authority  Assessing Consumer Values and Potential Markets for the Integrated Water Heater/Dehumidifier Melissa Lapsa, Oak Ridge National Laboratory  Incorporating International Performance Measurement and Verification Protocols and Six Sigma Strategies into Energy Efficiency Program Evaluation Robert Mowris, Robert Mowris & Associates  Bridging the Gap: Leveraging Logger Results with Telephone Survey Data to Estimate Residential Lighting Program Impacts Susan Oman, Nexus Market Research, Inc.  Knowing How Much We Don't Know: Quantifying the Impact of Uncertainty in Program Evaluation Michael Ozog, Summit Blue Consulting	R&D Project Assessment Tool Measu Impact Based on Industrial Adoption Rates  Dickson Ozokwelu, US Department of Energy  WEB Interactive Zero Energy Sustainable Home for Teachers, Engineers, Architects, Contractors and Students  Robert Rogers, Oregon Renewable Energy Center  Are Mainstream ESPC M&V Technique and Assumptions Adequate? — An Activity Addressing the Issue  John Shonder, Oak Ridge National Laboratory  Transforming the Holidays: Seasonal LEDs  Iris Sulyma, BC Hydro

## DAY TWO: Thursday, August 18 (Continental Breakfast Served from 7:30 – 8:30)

8:30 - 10:00

Here Comes the Sun – Understanding and Evaluating Renewable Energy Impacts and Market Effects

Moderator: Nick Hall, TecMarket Works

Checking the Temperature: Gauging the Market Transformation of Residential and Commercial PV and Solar Thermal Applications in Oregon

Speaker: Ben Bronfman, Energy Trust of Oregon, Inc.

A Theory-based Evaluation of LIPA's Solar Pioneer Program Measuring Early Progress in the Transformation of the PV Market on Long Island

Speaker: Ann Clarke, Long Island Power Authority

Using Program Logic Models to Guide Evaluation of Public Benefit Charge-Funded Clean Energy Programs – Methodologies and Results from a Recent Massachusetts Technology Collaborative Evaluation

Speaker: Scott Albert, GDS Associates

Persistence, the Issue That Never Goes Away

Moderator: Marygrace Cerce, KeySpan Energy Delivery

Existing Building Commissioning: Designing for Persistence of Savings

Speaker: Michael Bobker, Association for Energy Affordability

Performance Persistence: What Happens to Predicted Energy Savings from Design Assistance Programs After Several Years of Building Operation?

Speaker: David Eijadi, The Weidt Group

Retention Studies: Review of Best Practices and Comparisons of Lifetime Results

Speaker: Lisa Skumatz, SERA, Inc./David Bell, SERA, Inc.

**Industrial Market Evaluations** 

Moderator: Oscar Bloch, Wisconsin Department of Administration

Survey Results for the Practical Energy Management Approach

Speaker: Craig Schepp, Science Applications International Corporation

Conserving Energy Through Irrigation Water Management

Speaker: Hossein Haeri, Quantec, LLC

China Motors Program Process Evaluation

Speaker: Jane Peters, Research Into Action

Panel – Tactics and Tone – The Latest and Greatest on Consumer Attitudes Toward Energy Efficiency and the Environment

Moderator: Jocelyn Spielman, The Cadmus Group

Panelists:

Gwynne Rogers, Natural Marketing Institute

Monica Nevius, Consortium for Energy Efficiency

Todd Rhodes, TIAX LLC

Carla Jackson, Schulman, Ronca, and Bucuvalas, Inc.

10:00 - 10:30

BREAK

## DAY TWO: Thursday, August 18 - Continued

#### 10:30 - Noon

Defining and Evaluating the Climate Protection Role of Sustainable Energy Programs

Moderator: Carol White, National Grid USA

How to Balance Greenhouse Gas Mitigation Strategies Across Programs with Near-term Versus Longer-term Impacts for Public Benefits Programs

Speaker: David Sumi, PA Consulting Group (PA Government Services Inc.)

Evaluating the Emission Reductions from Efficiency and Renewable Energy Projects and Programs

Speaker: Steven Schiller, Schiller Consulting

Energy Efficiency's Role in the Regional Greenhouse Gas Initiative Speaker: Bill Prindle, ACEEE **Tools & Methods for Capturing** the Wily Program Impact

Moderator: M. Sami Khawaja, Quantec. LLC

Trying Too Hard to Be Cool: The Effect of Age on Refrigerator Energy Levels

Speaker: Ken Agnew, KEMA, Inc.

Measuring Training Impacts...in Cyberspace: Online Surveys as a Cost Effective Evaluation Tool

Speaker: Ingo Bensch, Energy Center of Wisconsin

A Decade of Achievements: Results of a Performance Contract Program Implementation

Speaker: Betsy Krieg, Pacific Gas and Electric Company

Low Income Programs – Multi-Year Programs and Evaluations

Moderator: Bobbi Tannenbaum, KEMA

Is Maryland's Electric Universal Service Program Getting the Job Done?

Speaker: Lark Lee, PA Government Services Inc.

Learning from Successive Evaluations of a Low-Income Program

Speaker: Lori Megdal, Megdal & Associates

Measuring Movement: A
Longitudinal Approach to Evaluating
Wisconsin's Low-Income Programs
– Final Results

Speaker: Laura Schauer, PA Government Services Inc.

Panel – Do We Have a Failure to Communicate? A Regulatory Perspective

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

### Panelists:

Denis Bergeron, Maine Public Utilities Commission

Mona Lee Mosser, New Jersey Board of Public Utilities

Mike Messenger, California Energy Commission

Carole Welch, Vermont Department of Public Service

### Noon - 1:30

#### **LUNCHEON SPEAKER ED TIRELLO OF BERENSON & COMPANY**

## DAY TWO: Thursday, August 18 - Continued

1:30 - 3:00

Up In Smoke? No – Linking Energy Efficiency Impacts to Greenhouse Gas Emissions

Moderator: Edward Vine, Lawrence Berkeley National Laboratory

Securing the Link Between Energy Savings and GHG Reductions

Speaker: Michael McCormick, California Climate Action Registry

Measuring Emission Reduction Benefits with Integrated Resource Models Incorporating End-Use Load shapes for Energy Efficiency Program Evaluation and Power Plant Emissions Analysis

Speaker: Jeff Erickson, PA Government Services Inc. and Paul Meier, Meier Engineering Research

The Adaptive Value of Energy Efficiency Programs in a Warmer World

Speaker: Michael Scott, Pacific Northwest National Laboratory

**Brother Can You Spare a Paradigm?** 

Moderator: Faith Lambert, U.S. Department of Energy

Assessing Markets To Design Programs That More Fully Attack Key Market Barriers and Take Advantage of Market Opportunities – Why Do We Continue to Miss So Many Opportunities

Speaker: Nick Hall, TecMarket Works

Are Federal Energy Technology Programs Assessing the "Magic in the Middle"?

Speaker: Jeff Dowd, U.S. Department of Energy

Am I Wearing the Wrong Paradigm for My Program's Goals?

Speaker: Lori Megdal, Megdal & Associates

**Cumulative Program Effects** 

Moderator: Ralph Prahl, Prahl & Associates

Front-loading Marketing: Assessing Cumulative Effects of ENERGY STAR Appliance Promotions on State-by-State Penetration Levels

Speaker: Lisa Wilson-Wright, Nexus Market Research, Inc.

Market Transformation: Half a Decade of Results from a Supply-Side Intervention

Speaker: Harley Barnes, Aspen Systems Corporation

LIPA's Commercial Construction Program: Demonstrating Initiative Influence Along the Road to Transformation

Speaker: Thomas Ledyard, RLW Analytics, Inc.

Panel – Challenges in Evaluating International Programs: Lessons From the Efficient Lighting Initiative Experience

Moderator: Joe Lopes, Applied Energy Group

Panelists:

Martin Adelaar, Marbek Consulting

Barbara Atkinson, Lightstream Energy

Iris Sulyma, Habart & Associates

Ken Tiedemann, Habart & Associates

3:00 - 3:30 BREAK

## DAY TWO: Thursday, August 18 - Continued

3:30 - 5:00

Energy Audits, Retrofits, and More: Evaluations of Multifaceted Energy Efficiency Programs

Moderator: Karen Horkitz, Northwest Energy Efficiency Alliance

Local Government Partnerships: Working Together for Efficiency Stephen Grover, ECONorthwest

A Regional Approach to Energy Efficiency – An Evaluation of the Davis Energy Efficiency Program

Speaker: Cynthia Austin, Heschong Mahone Group, Inc.

Home Energy Audits, Energy Efficiency and Carbon Dioxide Emissions

Speaker: Ken Tiedemann, Habart & Associates

In Pursuit of the Wily Program Impact

Moderator: Ken Keating, Bonneville Power Administration

What a Realization: An Ex Post Impact Evaluation of a Performance-Based Program

Speaker: Michael Rufo, Quantum Consulting, Inc.

Estimating the Impacts of NRCan's Energy Efficiency Programs Using Discrete Choice Methods: Results from Recent Studies

Speaker: Mallika Nanduri, Natural Resources Canada

Net Savings in Non-residential New Construction: Is a Market Based Approach the Answer?

Speaker: Cathy Chappell, Heschong Mahone Group, Inc.

The Lights Are On: Do You Know Where Your CFLs Are?

Moderator: Bob Wirtshafter, Wirtshafter Associates, Inc.

Pearls of Wisdom: Assuring Efficient Lighting Product Quality and Program Integrity

Speaker: Elizabeth Titus, NEEP

An Evaluation of Residential CFL Hours-of-Use Methodologies and Estimates: Recommendations for Evaluators and Program Managers

Speaker: Edward Vine, Lawrence Berkeley National Laboratory

Illuminating Current CFL Usage Patterns: Results from a CFL Metering Study

Speaker: Tami Rasmussen, KEMA, Inc.

Panel - Hot Topics

Moderators: Pierre Landry, Southern California Edison Company and Carol White, National Grid USA

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

FIELD TRIP: 2 Hour Cruise Around the Manhattan Area. Watch Website for Details

7:00 – 8:15	Breakfast On Us			
8:30 - 10:00	Socket to Me  Moderator: Elizabeth Titus.	State-administered Delivery Mechanisms	Panel – The Many Faces of Process Evaluation	
	Northeast Energy Efficiency Partnerships, Inc.	Moderator: Monica Nevius, Consortium for Energy	Moderator: Jane Peters, Research Into Action, Inc.	
		Efficiency	Panelists:	
	The Untapped Resource: CFLs in the Commercial Sector  Speaker: Jim Mapp, Wisconsin Department of Energy  Measuring the Success of CFL Energy Efficiency Programs:	Comparing Award Mechanisms –	Luisa Freeman, Freeman & Associates	
		What Works Speaker: Carl Lian, SERA, Inc.	Patricia Gonzales, New York State Energy Research and Development Authority	t
		Implementing Appropriate Frameworks for Publicly-Funded Energy Efficiency Portfolios & Programs	Linda Dethman, Dethman & Associates	
	It's the Saturation, Stupid		Sharon Baggett, Quantec, LLC	
	Speaker: Brad Kates, Opinion Dynamics Corporation	Speaker: Rafael Friedmann, Pacific Gas & Electric		
	Drivers of CFL Purchase Behavior and Satisfaction: What Makes Consumers Buy and Keep Buying?	Key Findings from an Outcome Evaluation of the U.S. Department of Energy's State Energy Program		
	Speaker: Tami Rasmussen, KEMA, Inc.	Speaker: Martin Schweitzer, Oak Ridge National Laboratory		

10:30 - Noon	Results From the Field: 21st Century C/I Retrofit Programs	Creating Lasting Change in the Residential Market	The Hard to Reach and the Overreached
	Moderator: Rob Bordner, Energy Market Innovations, Inc.	Moderator: Valerie Richardson, Pacific Gas & Electric Company	Moderator: Jim Mapp, Wisconsin Division of Energy
	Efficient Building Equipment in Oregon: What They Got and How They Got It	Market Research on Energy Conservation Measures and Practices in Households in Brazil Speaker: Howard Geller, SWEEP	Hard to Reach? Hard to Tell – Lessons Learned from California Speaker: Stephen Grover, ECONorthwest
	Speaker: Marjorie McRae, Research Into Action  NSTAR Business Solutions Program Evaluation: Noteworthy Approaches and Findings From a C&I Retrofit Program	Highly Cost-Effective Savings— Appliance Efficiency Standards and Utility Programs,	A Comparison of Two Programmatic Approaches to Increasing Efficiency in Multifamily Dwellings
		Speaker: Douglas Mahone, Heschong Mahone Group, Inc.	Speaker: John Reed, Innovologie, LLC
	Speaker: Yogesh Patil, Energy & Resource Solutions, Inc.  Justifying the Audit Program	Leveraging National ENERGY STAR® Survey Data for State-Level Evaluation: A Focus on Massachusetts, New Hampshire, and New York	Who Are the Real Non-Participants in California: A Two Year Examination of California's Residential Energy Efficiency Portfolio
	Expense: A Study of California's Nonresidential Retrofit Programs	Speaker: Lynn Hoefgen, Nexus Market Research, Inc.	Speaker: Robert Wirtshafter, Wirtshafter Associates, Inc.
	Speaker: Kris Bradley, Quantum Consulting, Inc.		