



# MULTIFAMILY BUILDINGS 2003

*Healthy, Durable,  
Energy Efficient*

THREE-DAY  
INTERNATIONAL CONFERENCE

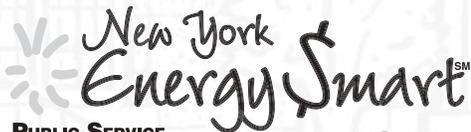
**JUNE 9 - 11, 2003**  
New York, NY

The New York Marriott Financial Center



## *Innovations and Solutions from Building Champions*

Principal Sponsors



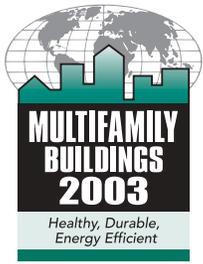
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NYSERDA

*George E. Pataki, Governor*



For additional information, call (212) 279-3902 or visit our website: [www.aeanyc.org](http://www.aeanyc.org)



# Multifamily Buildings 2003

This three-day, international multifamily buildings conference has been designed to attract multifamily building champions with wide-ranging experience and shared commitment to promoting and maintaining healthy, durable, and energy efficient multifamily buildings.

The conference will serve as a networking and information-sharing opportunity for these building professionals from all regions of the Country and Canada, and will attract a diverse audience of participants. Industry leaders will showcase cutting-edge technologies, discuss barriers, and demonstrate innovative solutions in the multifamily energy efficiency field.

All types of multifamily buildings in all climate regions of North America will be addressed, including low-rise affordable new construction, flat roof row houses, garden apartment complexes, and large high rises, in rural, suburban and urban settings.

In addition to presentations and panel discussions, the conference will offer forums designed for industry professionals to explore and debate current industry obstacles, brainstorm and devise proposed solutions, and provide feedback to regulatory and funding agencies.

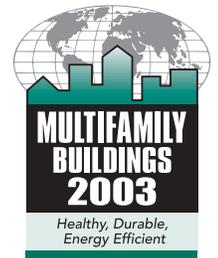


## Conference Management Team

Association for Energy Affordability, Inc.  
Affordable Comfort, Inc.  
Energy Management & Research Associates  
Peregrine Energy Group, Inc.

Additional contributing sponsorships are available.  
Contact Rhona Saffer, Conference Manager, at:  
Phone (212) 279-3902  
fax: (212) 279-5306  
Email: mfconference@aeany.org.

# Multifamily Buildings 2003 Presenters



**Gary Adamkiewicz, PhD, MPH**  
Channing Lab, Brigham and  
Women's Hospital and Harvard  
Medical School  
Boston, MA

**Jim Armstrong**  
Energy Master Planning Institute  
Silver Spring, MD

**Chris Benedict, R.A.**  
New York, NY

**Michael Blasnik**  
M. Blasnik & Associates  
Boston, MA

**Michael Bobker**  
Association for Energy  
Affordability, Inc.  
New York, NY

**Terry Brennan**  
Camroden Associates, Inc.  
Westmoreland, NY

**Carlton A. Brown**  
Full Spectrum of NY, LLC  
New York, NY

**Doug Brugge, PhD, MS**  
Tufts University School of Medicine  
Boston, MA

**Charles Casey**  
ASPEN Systems Corporation  
New York, NY

**Rick Cherry**  
Community Environmental Center  
New York, NY

**Ginger L. Chew, ScD**  
Columbia University  
Mailman School of Public Health  
New York, NY

**Jennifer L. Chiodo, PE**  
Vermont Energy Investment  
Corporation  
Burlington, VT

**Rich Cohn, PhD**  
Analytical Sciences, Inc.  
Durham, NC

**Bruce Coldham**  
Coldham Architects  
Amherst, MA

**Richard J. Costello, PE, C.E.M.**  
Siemens Building Technologies  
Canton, MA

**Michael Corso**  
New York State Department of  
Public Service  
Albany, NY

**Candace Damon**  
Hamilton, Rabinovitz & Alschuler, Inc.  
New York, NY

**Cyane Dandridge**  
Strategic Energy Innovations  
San Rafael, CA

**Larry Daugherty**  
Armstrong-Yoshitake, Inc.  
Three Rivers, MI

**Luis De Miguel**  
Canada Mortgage and  
Housing Corporation  
Ottawa, ON, Canada

**Rick Diamond**  
Lawrence Berkeley National Laboratory  
Berkeley, CA

**Jeff Eichenwald**  
Housing Conservation Coordinators  
Supers Club of New York  
New York, NY

**Diane Ferington**  
Office of Sustainable Development -  
Energy Division  
Portland, OR

**David Fickenschner**  
Syracuse Housing Authority  
Syracuse, NY

**Hugh Flye**  
Onset Computer Corporation  
Bourne, MA

**Dr. Stephen Frantz**  
New York State Department of Health  
Albany, NY

**Michael Freedberg**  
US Department of Housing and  
Urban Development  
Washington, DC

**Peter V. K. Funk, Jr.**  
Thompson Hine L.L.P.  
New York, NY

**Henry Gifford**  
Gifford Fuel Saving, Inc.  
New York, NY

**Karl Goetze**  
Vermont Energy Investment  
Corporation  
Burlington, VT

**Fredric S. Goldner, C.E.M.**  
Energy Management & Research  
Associates  
East Meadow, NY

**Peter Grech**  
Superintendents Club of New York;  
32B/J Union  
New York, NY

**Robert Groberg**  
US Department of Housing and  
Urban Development  
Washington, DC

**Peter J. Grzybowski, PE**  
KeySpan Energy Delivery  
Hicksville, NY

**Ashok Gupta**  
Natural Resources Defense Council  
New York, NY

**Doug Hart**  
OZZ Utility Management  
Concord, ON, Canada

Presenters confirmed as of April 1, 2003



# Multifamily Buildings 2003 Presenters

**Victoria J. Hayes**

VJ Hayes Consulting  
Liberal, KS

**Dan Helmes**

Boston Housing Authority  
Boston, MA

**David Hepinstall**

Association for Energy  
Affordability, Inc.  
New York, NY

**Marta Hernandez**

New York City Dept. of Health &  
Mental Hygiene  
New York, NY

**Martha Hewett**

Center for Energy and the Environment  
Minneapolis, MN

**Duncan Hill, P. Eng.**

Canada Mortgage and  
Housing Corporation  
Ottawa, ON, Canada

**Dr. Carl Hiller, PE**

Applied Energy Technology  
Davis, CA

**Herbert E. Hirschfeld, PE**

Glen Cove, NY

**Rhona Julien**

Harvard School of Public Health  
Department of Environmental Science  
and Engineering  
Boston, MA

**Stephanie Jones**

Consortium for Energy Efficiency  
Boston, MA

**Bill Julio**

Conservation Services Group  
Fall River, MA

**Lillian C. Kamalay**

Citizens Conservation Services, Inc.  
Framingham, MA

**Kevin Knight**

Retro – Specs Ltd.  
Winnipeg, MB, Canada

**Paul Knight**

Domus PLUS  
Oak Park, IL

**Dick Koral**

Apartment House Institute  
New York City College of Technology  
(CUNY)  
New York, NY

**Lewis Kwit**

Energy Investment Systems, Inc.  
New York, NY

**David Lee**

Environmental Protection Agency  
Washington, DC

**Dick Leigh**

Community Environmental Center  
New York, NY

**Dominique Lempereur**

Association for Energy Affordability, Inc.  
New York, NY

**Warren Liebold**

NYC Dept. of Environmental Protection  
New York, NY

**John Little**

Navigant Consulting  
Long Island, NY

**Joe Lstiburek**

Building Science Corporation  
Westford, MA

**Mary Luevano**

Global Green  
Santa Monica, CA

**Shawn Lundgren**

New York City Housing Authority  
New York, NY

**Michael M. Mandzik**

Public Service Electric and Gas  
Newark, NJ

**Sandra Marshall**

Canada Mortgage and  
Housing Corporation  
Ottawa, ON, Canada

**Louis McArthur**

Energy Section, Technology  
Assessment Division  
Louisiana Department of Natural  
Resources  
Baton Rouge, LA

**Dan McFarland**

Advanced Energy  
Raleigh, NC

**J. Don Milton**

Harvard School of Public Health  
Boston, MA

**Alex Moore**

D & R International, Ltd.  
Silver Spring, MD

**Courtney Moriarta**

Building Performance Institute  
Malta, NY

**Martin A. Mozzo, Jr., PE, C.E.M.**

M & A Associates, Inc.  
Trenton, NJ

**Cathy Muller**

C. Muller Consulting  
Crown Point, NY

**Mark Murfield**

Department of Housing and  
Urban Development  
Kansas City, KS

**Mark Newey**

Southface Energy Institute  
Atlanta, GA

**Patty Noonan**

Partnership for NYC  
New York, NY

**Ken O'Connor**

Department of Housing and  
Urban Development  
Buffalo, NY

Presenters confirmed as of April 1, 2003

# Multifamily Buildings 2003 Presenters

**Carl D. Orio, CGD**

Water Energy Distributors, Inc.  
Atkinson, NH

**John Ouellette, MD**

University of Wisconsin  
Health – Allergy  
Madison, WI

**John Overmyer**

Water & Energy Savings Corporation  
St. Pete Beach, FL

**John M. Oyhenart**

TRC Energy Services  
Fairfax, VA

**F. L. Andrew Padian**

Steven Winters Associates, Inc.  
New York, NY

**Asit Patel**

Association for Energy  
Affordability, Inc.  
New York, NY

**Anil Parekh, P. Eng.**

Buildings Group Natural  
Resources Canada  
Ottawa, ON, Canada

**Matt Pesce**

ASPEN Systems Corporation  
Rock Hill, SC

**Scott Pigg**

Energy Center of Wisconsin  
Madison, WI

**Jerry Pindus**

US Energy Controls  
New York, NY

**Andrew Pride**

MintoUrban Communities  
Toronto, ON, Canada

**John Proctor**

Proctor Engineering Group, Ltd.  
San Rafael, CA

**Bill Reed, AIA**

Natural Logic, Inc.  
Arlington, MA

**Andrew Reicher**

Urban Homestead Assistance Board  
New York, NY

**Todd Rogers**

Rogers Training and  
Consulting Services  
Cazenovia, NY

**Lou Ronsivalli**

Vestar, Inc.  
Bedford, NH

**Andrew M. Rudin**

Insight Technologies  
Bohemia, NY

**Virginia Salares**

Canada Mortgage and  
Housing Corporation  
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**Megan Sandel, MD, MPH**

Boston University School of Medicine  
Boston Medical Center  
Boston, MA

**Richard D. Santangelo, PE**

Public and Indian Housing  
US Department of Housing and  
Urban Development  
Washington, DC

**David Shipley**

Marbek Resource Consultants  
Ottawa, ON, Canada

**John A. Shonder**

Oak Ridge National Laboratory  
Oak Ridge, TN

**John Snell**

Peregrine Energy Group, Inc.  
Boston, MA

**Jack D. Spengler, PhD**

Harvard School of Public Health  
Boston, MA

**Bill Steinmann**

New York City Housing Authority  
New York, NY

**Nehemiah Stone**

The Heschong Mahone Group  
Fair Oaks, CA

**Stephen M. Stone, PE, C.E.M.**

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Long Island, NY

**Jan E. Storm**

New York State Department of Health  
Albany, NY

**Mark Ternes**

Oak Ridge National Laboratory  
Oak Ridge, TN

**Gregory Thomas**

Performance Systems Development, Inc.  
Ithaca, NY

**Tom Thompson**

1st Rochdale Cooperative Group  
New York, NY

**Julius Tiven**

New York City Housing Authority  
New York, NY

**Ellen R. Tohn**

ERT Associates  
Wayland, MA

**Phil Welker**

Portland Energy Conservation Inc.  
Portland, OR

**Tony Woods**

Canam Building Envelope  
Specialists, Inc.  
East Mississauga, ON, Canada

**Robin Whyatt, Dr.P.H.**

Columbia University  
Mailman School of Public Health  
New York, NY

Presenters confirmed as of April 1, 2003

# Monday Sessions – June 9, 2003

TRACK	7:45	9:00-10:30	10:45 – 12:15	2:00 – 3:30	3:45 – 5:15	6:30-8:30	
Sustainable Green / High Performance	Registration and Continental Breakfast	Opening Plenary B R E A K	<b>Tour de Sustainable Buildings: Gems from Canada &amp; Europe</b> Bruce Coldham; Coldham Architects; Sandra Marshall, CMHC	<b>Air Barriers in New Construction &amp; Rehab: Theory, Design, &amp; Practice</b> Luis De Miguel, CMHC, Kevin Knight, Retro-Specs	<b>Sustainable New &amp; Rehab Lessons from the South</b> Mary Luevano, Global Green; Mark Newey, Southface	Reception	
Building Management			<b>Benchmarking &amp; Monitoring Is your Building an Energy Hog or Miser?</b> Duncan Hill, CMHC; Doug Hart, OZZ Utility Management	<b>Bulk Purchasing &amp; Procurement Options</b> Michael Mandzik, PSEG; Charles Casey, ASPEN	<b>Co-op Case Study: Comprehensive Energy Project Results</b> Lewis Kwit, EIS, Inc.; Peter Funk, Thompson Hine L.L.P.		
Health and Housing			<b>ROOM BEING SET UP FOR LUNCH</b>	<b>Urban Dwellings &amp; Human Health</b> Jack Spengler, Harvard School of Public Health; Megan Sandel, MD, MPH, Boston Medical Center; Rich Cohn, PhD, ASI; Jan Storm, NYSDOH	<b>P Ventilation, Air Infiltration, IAQ &amp; Health</b> John Ouellette, MD, UW-Health; Rick Diamond-LBL; J. Don Milton- Harvard School of Public Health		
Energy Analysis / New Technology			<b>Understanding Rates &amp; Properly Employing them in Analyses</b> Jennifer Chiodo, VEIC; John Little, Navigant Consulting	<b>Common Sense Approaches to M&amp;V in Performance Contracting</b> Marty Mozzo, M&A Associates, NJ; and TBA	<b>Commissioning Techniques and Best Practices</b> Phil Welker, PECl;		
Energy Analysis / New Technology / Cutting Edge Knowledge / Ancient Wisdom			<b>How to Aggregate Small Buildings (&amp; PHAs) into Energy Performance Contracts</b> Mark Murfield, Kansas HUD; Matt Pesce, ASPEN; John Overmyer, Water & Energy Savings Corp.; Lou Ronsivalli, Vestar	<b>DOE SPEAKER</b>	<b>Fuel Conversions: Lessons Learned</b> Cathy Muller, C. Muller Consulting; Lillian Kamalay, CCS; Dave Fickenscher, Syracuse HA		<b>Air Leakage Control for Existing MFBs</b> Tony Woods, Canam
Cutting Edge Knowledge / Ancient Wisdom			<b>Tea Kettles, Black Boxes &amp; Myths (Steam Systems)</b> Jeff Eichenwald, HCC; Supers Club of NY	<b>Advanced Heating Controls &amp; Remote Monitoring Technologies</b> Michael Bobker, AEA; Jerry Pindus, US Energy Controls; Andrew M. Rudin, Insight Technologies	<b>Designing Better Hydronic Heating Systems</b> Henry Gifford, Gifford Fuel Saving		
Regulated Housing			<b>ROOM BEING SET UP FOR LUNCH</b>	<b>P PHA Energy Managers - Challenges and Needs</b> Richard Santangelo, P.E., HUD; Michael Freedberg, HUD; Bill Steinmann, NYCHA	<b>O&amp;M and Remote Monitoring</b> Asit Patel, AEA; Bill Steinmann, NYCHA; Shawn Lundgren, NYCHA		
Policy & Programs / Financing			<b>F Public Benefit Funding of Energy Efficiency</b> Stephanie Jones, Consortium for Energy Efficiency	<b>F Monitoring &amp; Evaluating PBF Programs: New Approaches</b> NYSERDA Evaluator as moderator	<b>Specifying &amp; Procuring ENERGY STAR® (&amp; Other) Equipment</b> Cyane Dandridge, SEI; TBA, NYSERDA; TBA, EPA		

**P** — Panel

**F** — Forum

See page 10 for Pre and Post Conference Field Trips Schedule

# Tuesday Sessions – June 10, 2003



TRACK	7:45	9:00 – 10:30	10:45 – 12:15		2:00 – 3:30	3:45 – 5:15	5:30-7:00 PM
Sustainable Green / High Performance		<b>Building Green: New York City Style</b> Chris Benedict, R.A.	<b>The Efficiency Edge in New Construction</b> Karl Goetze, VEIC; Luis De Miguel, CMHC	<b>Luncheon Presentation – Energy Procurement and International Energy Outlook – Richard Costello, CEM, PE</b>	<b>PV &amp; other Renewables: Potential &amp; Opportunities</b> Tom Thompson, 1st Rochdale	<b>Fresh Air by Design &amp; Construction</b> Terry Brennan, Camroden Assoc.; Andrew Reicher, UHAB; Stephen Frantz, NYSDOH	
Building Management		<b>Advanced Metering &amp; Control, &amp; Submetering Options</b> Herbert Hirschfeld, P.E.; John Oyhenart, TRC	<b>ROOM BEING SET UP FOR LUNCH</b>		<b>Developing an Energy Management Program: Best Practices &amp; Case Studies</b> Andrew Pride, MintoUrban Communities; James Armstrong, Energy Master Planning Institute	<b>Supers-Club: Win Win Win</b> Dick Koral, Supers Club; Peter Grech, Supers Club; 32B/J Union School	
Health and Housing		<b>Mold &amp; the MFB</b> Ginger Chew, ScD, Columbia Mailman School of Public Health; Terry Brennan, Camroden Associates	<b>ROOM BEING SET UP FOR LUNCH</b>		<b>P Heating, Cooling, Dehumidification &amp; Health</b> Gary Adamkiewicz, PhD, MPH, Harvard Medical School; Doug Brugge, TUSM; John Snell, Peregrine Energy Group	<b>P Addressing Lead: Options and Best Practices</b> Ellen Tohn, ERT Assoc.; plus TBA	
Energy Analysis / New Technology		<b>P What is a Complete Energy Audit: Does Size Make a Difference?</b> Mark P. Ternes, Oak Ridge Nat'l Labs; Andy Padian, SWA; Fred Goldner, EM&RA	<b>"Tools of the Trade:" Affordable Options for Analysis &amp; Monitoring</b> Hugh Flye, Onset Computer Corp, MA		<b>The Science of Boiler &amp; Heating System Evaluation for Apt. Buildings</b> Michael Bobker, AEA; Henry Gifford, Gifford Fuel Savings, Inc.	<b>Seasonal Efficiency of MFB Boiler Systems (ASHRAE Standard &amp; Research)</b> Martha Hewett, Center for Energy and the Environment	
Energy Analysis / New Technology / Cutting Edge Knowledge / Ancient Wisdom		<b>Cutting Edge Vision on Cooling MFBs</b> John Proctor, Proctor Engineering	<b>Performance Contracting: The Lawyers Speak (contract pitfalls to avoid)</b> Peter Funk, Thompson Hine L.L.P.; Victoria Hayes, VJ Hayes Consulting		<b>How Building Height Affects Energy Consumption, Air Quality and Comfort</b> Michael Blasnik, M. Blasnik & Associates	<b>Geothermal Heat Pumps in MFBs &amp; Military Housing</b> John Shonder, ORNL; Carl Orio, Water Energy Distributors	
Cutting Edge Knowledge / Ancient Wisdom		<b>Forced Air Distribution Systems Performance: More Than Just Equipment</b> Dan McFarland, Advanced Energy	<b>Everything you Wanted to Know about DHW in MF Bldgs (focus: Fossil Fuel)</b> Fredric Goldner, EM&RA		<b>CHP Technologies &amp; Applications in MFBs</b> Stephen Stone, DSM Engineering Assoc.; Peter J. Grzybowski, KeySpan Energy Delivery; Robert Groberg, HUD	<b>WAP Activity in Small MFBs</b> Mark P. Ternes, ORNL; TBA, WAP	
Regulated Housing		<b>P The Challenge of Electrically Heated Buildings: Lessons from Boston, NYC &amp; France</b> Michael Blasnik; Dominique Lempereur, AEA	<b>Energy Cooperatives: What Are They &amp; How Do We Form One?</b> Tom Thompson, 1st Rochdale PHA staff		<b>P Streamlining Performance Contracting: Issues &amp; Solutions</b> Matt Pesce, ASPEN; Cathy Muller, C. Muller Consulting; Ken O'Connor, HUD	<b>Ensuring Long Term Housing Affordability through Good Design Decisions</b> Andy Padian, SWA; Patty Noonan, Partnership for NYC; Carlton A. Brown, Full Spectrum of NY, LLC	
Policy & Programs / Financing		<b>P Financing Energy Projects: Changing Role of States &amp; Municipalities</b> Louis McArthur, Louisiana Dept. of Natural Resources; Diane Ferington, Portland Office of Sustainable Development	<b>F Utility Allowances: Energy Efficiency Incentive or Barrier?</b> Nehemiah Stone, The Heschong Mahone Group		<b>Energy Deregulation Update: Implications for MF Sector</b> Ashok Gupta, NRDC; Michael Corso, NYS DPS	<b>Innovative Energy Efficiency Financing Programs for MFB</b> Candace Damon, HR&A; rep from Amalgamated Bank; Rick Cherry, CEC	

**P** — Panel

**F** — Forum

See page 10 for Pre and Post Conference Field Trips Schedule

# Wednesday Sessions – June 11, 2003

TRACK	7:45	9:00 – 10:30	10:45 – 12:15	2:00 – 3:30	3:40–4:40
Sustainable Green / High Performance		<b>F</b> <b>Defining Green: Sorting Out The Systems &amp; Products</b> Chris Benedict; Ellen Tohn; Bill Reed, Natural Logic	<b>Sustainable Gut Rehab: Case Studies From Chicago &amp; NYC</b> Paul Knight, Domus Plus; Chris Benedict, R.A.; Henry Gifford	<b>LEED Leads the Way to Integrated Design</b> Bill Reed	<b>Closing Panel: Joe Lstiburek, Building Science Corporation, Westford MA &amp; John Proctor, Proctor Engineering Group, San Rafael, CA</b>
Building Management		<b>P</b> <b>Reducing Electric Baseload: Lighting, Elevators, Pumps - Success Stories</b> Asit Patel, AEA; Henry Gifford	<b>Management &amp; End User Perspectives: WI Research Results</b> Scott Pigg, Energy Center of Wisconsin	<b>Advanced Multifamily Training &amp; Certification: What Works?</b> Andrew Padian; David Shipley, Marbek Resource Consultants; Courtney Moriarta, BPI	
Health and Housing		<b>Materials Selection &amp; Health Implications</b> Terry Brennan; Virginia Salares, CMHC	<b>ROOM BEING SET UP FOR LUNCH</b>	<b>P</b> <b>Mold, Pests, Pesticides, Pets &amp; Health</b> Ginger Chew, ScD, Columbia; Robin Whyatt, Dr.PH, Columbia SPH; Jack Spengler, PhD, Harvard; Rhona Julien, Harvard; Julius Tiven, NYCHA; Marta Hernandez, NYC Dept. of HMM	
Energy Analysis / New Technology		<b>Energy Software &amp; Analytic Tools</b> Fred Goldner; Dick Leigh, CEC	<b>Multifamily Energy Audit Tools: TREAT &amp; EA-QUIP</b> Alex Moore, D&R Int'l; Dominique Lempereur, AEA; Gregory Thomas, PSD	<b>Upgrade / Retrofit / Upgrades: Its Not Complete 'Til Fine Tuning Is Completed</b> Asit Patel, AEA	
Energy Analysis / New Technology / Cutting Edge Knowledge / Ancient Wisdom		<b>Multifamily Steam Commissioning: Case Study</b> Dan Helmes, Boston HA; Bill Julio, CSG; John Snell	<b>ROOM BEING SET UP FOR LUNCH</b>	<b>Waste and Water Conservation Strategies in MFB</b> Warren Liebold, NYC Department of Environmental Protection; Bill Steinmann, NYCHA	
Cutting Edge Knowledge / Ancient Wisdom		<b>Electric DHW Technologies &amp; "The Perfect Mix"</b> Carl Hiller, Applied Energy Technology; Larry Daugherty, Armstrong-Yoshitake, Inc.	<b>How We Screw Up (Joe Lstiburek speaks his mind)</b> Joe Lstiburek, Building Science Corporation	<b>High Performance Low-Rise MF from the Ground Up</b> Dan McFarland, Advanced Energy	
Regulated Housing		<b>Occupant Behaviors &amp; Impacts (Resident Energy &amp; Water Saving Behavior)</b> Todd Rogers, Rogers Training & Consulting Services	<b>P</b> <b>Greening Multifamily Housing: Roadblocks to Success</b> Bill Reed, Natural Logic;	<b>F</b> <b>DOE Wx Eligible Measures: Adding to Appendix A for MFB</b> Alex Moore, Moderator	
Policy & Programs / Financing		<b>P</b> <b>Increasing MFB Weatherization: Overcoming the Barriers (Case Studies)</b> David Hepinstall, AEA; WAP Reps from NYC, Philadelphia, Chicago and Cincinnati	<b>F</b> <b>EPA Forum: ENERGY STAR® Multifamily Buildings What &amp; When?</b> EPA Moderator: David Lee	<b>The Business Approach to MFB Efficiency Services</b> Jennifer Chiodo, VEIC	

Registration and Continental Breakfast

BREAK

Luncheon speaker - NYSERDA Representative or selection

BREAK

**P** — Panel

**F** — Forum

See page 10 for Pre and Post Conference Field Trips Schedule

# Experience the Big Apple

The **Marriott Financial Center Hotel** is the perfect starting point to experience the excitement, diversity, history, and culture of New York City. Spend a day walking through **historic Lower Manhattan** and visit the financial district, **Wall Street** and the **New York Stock Exchange**. The **Staten Island Ferry** and boats bound for **Ellis Island** and the **Statue of Liberty** leave from nearby Battery Park. Walk a few blocks north to see New York's oldest churches, **Trinity Church & St. Paul's Chapel**.

Walk along the Hudson River Esplanade to the newly restored **Winter Garden**. From there you can see architect Daniel Libeskind's **winning design for the World Trade Center** site, and view Ground Zero.

Take in a **Broadway Show** and see the bright lights of **Times Square** at night. Or enjoy one of New York City's greatest past-times, and shop till you drop along **5th Avenue, Madison Avenue**, or any of Manhattan's great neighborhoods.

## Getting Around New York City

Getting around New York City by subway or bus is easy and convenient. In addition to 24 hour a day public transportation, licensed yellow taxis or private car services are readily available throughout the city.

**New York City's Subway MetroCard:** Beginning May 4, the fare for a subway or local bus ride will be \$2.00. The fare for an express bus ride is \$3. If you qualify for Reduced Fare, you can travel for half fare (details will be available at the registration desk). Children 44 inches tall and under ride for free.

In addition, you may want to purchase a **1-Day Fun Pass** for \$7, which is good for unlimited subway and local bus rides from first use until 3 AM the following day. The **1-Day Fun Pass** is sold at MetroCard Vending Machines and at neighborhood stores and is not available at station booths.

Another transit value is the **7-Day Unlimited Ride MetroCard**, which costs \$21. The **7-Day Unlimited Ride MetroCard** is good for unlimited subway and local bus rides until midnight, 7 days from day of first use.

**New York CityPass:** See seven famous New York attractions without standing in line. Enjoy them all at your own pace. Includes admission to American Museum of Natural History, Guggenheim Museum, Whitney Museum of American Art, The Museum of Modern Art, Intrepid Sea Air Space Museum, Circle Line Harbor Cruise, Empire State Building Observatory. You can purchase CityPass online or at any of the participating CityPass attractions. Price: \$45 adults, \$39 Children 6-17.

**All Loops City Tour:** Gray Line New York Sightseeing @ 777 8th Avenue (between 47th & 48th Streets) 212-445-0848. The best way to see ALL of New York City is on top of a deluxe double decker bus! From Harlem to Times Square to the Statue of Liberty; from the United Nations to Central Park to The Empire State Building. See all of New York City with unlimited hop-on and hop-off opportunities to create your own tour at your own pace, accessible for 48 hours. Includes Uptown, Downtown and Night Tour. Adult \$49, Child \$39.

**Conference organizers will offer more details about current cultural opportunities during your time in the "Big Apple" as we get closer to the date of the event!**

## For More Information:

For additional information contact Rhona Saffer, Conference Manager, Tel (212) 279-3902 Fax (212) 279-5306 Email to: MFConference@aeany.org





# Logistics, Details, and Field Trips

## Conference Registration Fees

Full registration fee is \$495.

Hotel room costs are not included. To qualify for the early bird registration fee of \$405, you must register by Friday, May 9, 2003.

The fee for a single day attendance is \$225 and includes breakfast, lunch and breaks, as well as access to any and all workshops for that day. (This does not include the evening reception.)

Single day participation with the reception is \$295. Send check to: AEA, 505 Eighth Ave., Suite 1801, New York, NY, 10018. All prices are in U.S. dollars.

Register Online at [www.aeanyc.org](http://www.aeanyc.org)

**Cancellation/Refund Policy:** There is a non-refundable cancellation fee of \$150 for each registration cancelled. Requests for refunds must be received in writing by May 26, 2003.

## Hotel Accommodations

The New York Marriott Financial Center Hotel, 85 West Street, is adjacent to Battery Park City and near Wall Street in downtown Manhattan. The special conference rate of \$194 is available for the period from June 7 through June 12, 2003, and will be honored until May 19, 2003. For reservations call the New York Marriott Financial Center Hotel directly at (212) 385-4900 or their national reservation service at 1 (800) 228-9290 and mention the Multifamily Buildings 2003 Conference.

## Marriott's Concierge Service

The New York Marriott Financial Center Hotel offers a full-time Concierge service from 7:30 AM to 10:00 PM to help you book sightseeing tours, shows and events around the city. Call the hotel at (212) 385-4900 and ask for the Concierge Desk.

## Nearest major airports:

LGA - LaGuardia & JFK - New York, NY  
EWR - Newark Airport - Newark, NJ

**Register Early and SAVE!**  
Register online at  
[www.aeanyc.org](http://www.aeanyc.org)

## New York City Field Trip Opportunities

Pre-registration required. In-field sessions are limited in attendance so register early!

### Field Trip #1 - Sunday, June 8, 1:00 PM

#### **Lessons Learned in the Trenches: 535 East 5th Street**

Visit a two-year old, 30 unit, low-income housing project on Manhattan's hip, historic, lower east side on a tour led by Henry Gifford and Chris Benedict. Learn how this typical, government sponsored, energy efficient project has saved the not for profit owner thousands of dollars in construction and operating costs. Arrive early; have brunch in the East Village before the Tour, experience the neighborhood and its multifamily projects!

### Field Trip #2 - Sunday, June 8, 7:00 PM

#### **The CityHome Project 24-26 Melrose Street, Brooklyn**

A scenic, elevated subway ride over the East River and into Brooklyn will bring participants to one of the first multifamily "high performance" gut rehabs in New York City. Chris Benedict and Henry Gifford, the design team for CityHome, will describe the development of the project and selling of the concept to the City of New York and the not for profit sponsor.

### Field Trip #3 - Tuesday, June 10, 5:30 - 7:00 PM

#### **NYC Housing Authority's Energy Efficiency Technologies: Smith Housing Tour**

With the advent of energy efficiency technologies, "high-tech" has entered the boiler room. This tour will highlight four programs that demonstrate the benefits of very high-efficiency boiler and building control systems, including an Integrated Building Control System.

### Field Trip #4 - Wednesday, June 11, 7:00 PM

#### **New York . . . Underground**

Experience some of New York's underground "hot spots." Join Henry Gifford in a tour of the good, the bad and the ugly of what's heating this town. Don't miss this unique opportunity to see the belly of the beast - some of New York's most amazing boiler rooms!

### Field Trip #5 - Thursday, June 12, 8:30 AM

#### **Tour of the South Bronx: Economic and Urban Re-Development at its Best, and The House That Ruth Built (Tour and Yankee Game)**

Enjoy a great day in the Bronx touring the HUB, a traditional shopping center in the South Bronx that survived the ravages of the '70's; walk through historic and rebuilt neighborhoods to Melrose Commons where 70, three-family infill homes were the first affordable ENERGY STAR® homes in NYS. Option to take in an afternoon game at the House that Ruth Built, (Yankee Stadium), and watch the Yankees play the Houston Astros at 1:00pm.



# Registration Form

Use a separate form for each registration. Please type or print. Thank you for registering early.

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Professional Title \_\_\_\_\_ Affiliation \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Province/State \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

### Please indicate the category that best describes your profession:

- Energy Auditor
- Building Owner
- Weatherization Agency
- Educator/Trainer
- Contractor, Maintenance & Operations Staff
- Building Managers & Management Company
- Architecture & Engineering Firm
- Multifamily Trade Organization
- Government Employee
- Manufacturer, Vendor, & Distributor
- Realtor
- Financial Institution
- Utility
- ESCO

### Hotel

I intend to stay \_\_\_\_ (number of) nights at the New York Marriott Financial Center Hotel. The New York Marriott Financial Center Hotel, 85 West Street, is adjacent to Battery Park City and near Wall Street in downtown Manhattan. The special conference rate of \$194 is available for the period from June 7 through June 12, 2003, and will be honored until May 19, 2003. For reservations call the New York Marriott Financial Center Hotel directly at (212) 385-4900 or their national reservation service at 1 (800) 228-9290 and mention the Multifamily Buildings 2003 Conference. Additional details about the hotel are on the Logistics page.

### Registration Fees

- Early Bird Discount \$405 Deadline: Friday, May 9, 2003
- Regular Registration \$495
- Single Day \$225
- Single Day With Reception \$295

### Field Trips

Field trip fee: \$35 for one or \$30 each for any combination of two or more. Thursday afternoon Yankee game - \$25 per ticket. Registration is limited. Please register early. See details on opposite page.

Includes transportation and arrangement.

### Please indicate days:

- Field Trip #1: (Pre-conference) Sunday, June 8, 1:00 PM
- Field Trip #2: Sunday, June 8, 7:00 PM
- Field Trip #3: Tuesday, June 10, 5:30 PM
- Field Trip #4: Wednesday, June 11, 7:00 PM
- Field Trip #5: Thursday, June 12, 8:30 AM
- Yankee Game: Thursday, June 12, 1:00 PM

### Payment

All prices are in U.S. dollars. Please check form of payment:

- Check Send checks to: Association for Energy Affordability, Inc., 505 Eighth Ave., Suite 1801, New York, NY 10018

**Check or Money Order** payable to: Multifamily Buildings 2003.

- Credit Card:  Master Card  Visa  American Express  Discover



Credit Card # \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Signature \_\_\_\_\_

Please let us know what reasonable accommodations you will need to facilitate your full participation (i.e. special needs, access, special meals (kosher, vegetarian, etc.):

**Register Online** at [www.aeany.org/](http://www.aeany.org/)

**Cancellation Policy:** There is a non-refundable cancellation fee of \$150 for each registration cancelled. Requests for refunds must be made in writing. No refunds will be granted after May 26, 2003.

Questions? Contact Rhona Saffer, Conference Manager at voice, (212) 279-3902, ext. 30; fax, (212) 279-5306; or email, [mfconference@aeany.org](mailto:mfconference@aeany.org).



# MULTIFAMILY BUILDINGS 2003

*Healthy, Durable,  
Energy Efficient*

For additional information,  
contact Rhona Saffer at the  
Association for Energy  
Affordability, Inc. at:

Phone:  
212-279-3902

email:  
mfconference@aeanyc.org,

or visit our Web site:  
[www.aeanyc.org](http://www.aeanyc.org)



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# Register Today!

THREE-DAY INTERNATIONAL CONFERENCE

JUNE 9 - 11, 2003

New York, NY

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