



ADVOCACY *for*

DESIGN

EXCELLENCE

in HVAC

Agenda

HVAC Excellence Workshop

May 5-7, 2009

“Delivery and Operations of High Performance Buildings”

Albuquerque Marriott

2101 Louisiana Boulevard NE

Albuquerque, New Mexico 87110

505-881-6800

Tuesday, May 5

- | | |
|-------------------|--|
| 7:00am - 8:00am | Registration and Breakfast |
| 8:00am - 8:30am | Opening Remarks and Introductions
Vijay Gupta, P.E., Chief Mechanical Engineer,
Office of Design and Construction Programs
Earle Kennett, Vice President, National Institute of
Building Sciences (NIBS) |
| 8:30am - 8:45am | Jim Weller, Regional Commissioner,
Greater Southwest Region 7 |
| 8:45am - 9:00am | William Holley, PhD., P.E., Chief Engineer, Office of Design
and Construction Programs |
| 9:00am - 9:15am | Lawrence A. Melton, Acting Assistant Commissioner,
Office of Facilities Management & Services Programs |
| 9:15am – 10:00am | William A. Harrison, President, ASHRAE
Gordon Holness, President-Elect, ASHRAE |
| 10:00am - 10:15am | Break |



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10:15 am – 10:45 am *Expectations of High Performance Buildings*

Dr. Get W. Moy, P.E., Associate Vice President
AECOM Design
Chair, High Performance Building Council

- 10:45 am – 11:15 am *Legislative Requirements for Federal High Performance Green Buildings*
William Holley
- 11:15 am - 12:00 pm *Lessons Learned from Post-Occupancy Evaluations*
Earle Kennett, Vice President
National Institute of Building Sciences (NIBS)
- 12:00 pm – 2:00pm Lunch
GSA Building Evaluations
Dr. Spiro N. Pollalis, Professor of Design, Technology and Management, Harvard Design School
- 2:00 pm – 2:45 pm *Reliability Centered Maintenance*
Alan Pride
PMA Consulting Inc.
- 2:45 pm – 3:30 pm *Promoting Integrated Design Practice – Making It Happen*
Stuart Knoop, FAIA
James Woods, PhD., P.E., Executive Director,
The Building Diagnostics Research Institute
- 3:30 pm – 3:45 pm Break
- 3:45 pm – 4:30 pm *Evaluation and Standards of Green/Sustainable Products*
Stuart Knoop, FAIA, Oudens Knoop Knoop + Sachs Architects
- 4:30 pm – 5:15 pm *High Performance Glazing*
Dr. Stephen Selkowitz, Head
Building Technologies Department
Lawrence Berkeley National Laboratory

Wednesday, May 6

- 7:00 am – 7:45 am Breakfast
- 7:45 am – 8:15 am *Operations & Maintenance and Management Issues*
Patrick Fee, Director
Office of Facilities Management & Services Programs
- 8:15 am – 9:00 am *Potential Problems with High Performing Buildings*
Mike Ragan, Electrical Engineer
Office of Design and Construction Programs
- 9:00 am – 9:45 am *Understanding Total Building Commissioning*
Edward Faircloth, President
Building Commissioning Association

Gilbane Building Company

- 9:45 am – 10:00 am Break
- 10:00 am – 10:45 am *Photovoltaic Applications for Buildings*
Alan Edwards
DOJ Federal Bureau of Prisons
- 10:45 am - 3:00 pm
Panel Discussion of “Lessons Learned” from Post Occupancy Evaluations
Dr. Spiro N. Pollalis, Earle Kennett, James Woods, Stuart Knoop, Vijay Gupta
Moderator: William Holley
(Lunch included in this time period.)
- 1:15 pm – 5.00 pm Site Visit to Sandia National Laboratories:

PSEL Photovoltaic Systems Evaluation Laboratory
Hosts: Michael Quintana, Jennifer Granata, Daniel Riley

DETL Distributed Energy Technologies Laboratory
Hosts: Sigifredo Ganzalez, Armando Fresquez, Charley Hanley
- Thursday, May 7*
- 7:00 am – 7:45 am Breakfast
- 7:45 am – 8:45 am *Solid State Lighting*
Paul Phillips, Vice President for New Product Development
LSI Industries
- 8:45 am –9:45 am *Integration and Operation of Building Automation/Control Systems*
Ron Zimmer, President and CEO
Continental Automated Buildings Association (CABA)
- 9:45 am – 10:45 am *Opportunities for Saving Energy in Existing Buildings*
J. Michael Galway, P.E., LEED, CPD
Integral Performance Engineering
- 11:00 am – 12:00 pm *Energy Analysis for New and Existing Buildings*
Ken Schram, P.E., Senior Associate
Syska and Hennessy
- 12:00 pm – 1:30 pm Lunch
Video Presentation
- 1:30 pm – 2:30 pm *Open Discussion of Current Issues, Planning and Execution of Stimulus Package*

Martin Weiland, P.E., Federal Buildings & Modernizations
Division
Patrick Fee
Vijay Gupta
William Holley

2:30 pm – 3:15 pm

Smart Buildings
Kevin Powell, Director of Research, Office of Organizational
Resources, General Services Administration

3:15 – 4:00 pm

Action Items for Future Workshops –
General Discussion
Patrick Fee
Vijay Gupta
William Holley
Earle Kennett

4:00 pm

Workshop Adjourns