



Mississippi Valley Chapter Newsletter

Oct 2010

<http://www.mississippivalleyashrae.org>

Monthly Newsletter

Important Dates

• Oct 21, 2010

Steeplegate Inn:
Updates to ASHRAE
90.1-2010 presented by
Jeff Boldt.

• Nov 18, 2010

Biaggi's Davenport, IA:
Review of ASHRAE
189.1 presented by
Andrew Price

How ASHRAE 90.1-2010 Will Affect Your Projects

Jeff Boldt, P.E., LEED AP, HBDP

Mr. Boldt is a voting member of the ASHRAE 90.1 committee, which is the most adopted energy standard in the world. He chairs five ASHRAE 90.1 working groups – Healthcare, Hydronics, Drive System Efficiency, Duct System Leakage, and Elevators. Mr. Boldt is also a member of the working groups for Radiant Heating and Cooling and Energy Recovery. He is one of the authors of the Advanced Energy Design Guide for Small Healthcare Facilities, and recently provided DOE with 3D drawings for the AEDG – Large Healthcare. He serves as a Principal and Director of Engineering at KJWW Engineering, and along with having published many articles has won ASHRAE's top design award.

Oct 21st Program

Location: The Steeplegate Inn
Symposium Room
100 W 76th St
Davenport, IA

Program: How ASHRAE 90.1-2010 Will
Affect your Projects

Agenda: 4:30-5:30 Program
5:30-5:45 Meeting at Steeplegate
5:45-6:45 Dinner at Steeplegate

Menu: Roasted Pork Loin w/ Shitake
Mushroom Sauce
Tossed Salad
Fresh Seasonal Vegetables
Freshly Baked Dinner Rolls
Parsely Buttered Red Potatoes
Oreo Cheesecake

Technical Topic Outline

ASHRAE 90.1-2010 Energy Standard for Buildings is the most significant revision to the ANSI/ASHRAE/IES energy standard since its inception. Buildings that comply with the 2010 edition will use approximately 25% less energy than the same buildings built to the 2004 standard. This seminar will teach you why 90.1-2010 is important to your projects, how it is enforced, what the major revisions are, when you are likely to feel its impact, why it conserves more energy than other energy codes, and how to comply without breaking the budget. 90.1-2010 includes significant revisions to the building envelope, mechanical, and lighting requirements that will affect architects, engineers, contractors, and building owners.



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Mississippi Valley Chapter News

Great Turnout for Sporting Clays Outing!

The first ever Mississippi Valley Chapter Sporting Clays fundraiser was held on September 23, 2010 at Bi-State Sportsman Association in Colona, IL. The event had over 70 attendees come out after work to support a great cause, raising nearly \$700 to support the ASHRAE Scholarship fund! Please send any feedback regarding the outing to the Sporting Clays chair, Tim Wray, at wraytc@kjww.com so we can make the event even better next time around. Thank you to all participants and the following sponsors:

**Johnson Controls
DPT Mechanical
Hydronic Energy**

**The Baker Group
Ryan and Associates
Mechanical Sales, Inc.**

**Northwest Mechanical
Fassett Sales
Trane**

November Chapter Meeting

The November Mississippi Valley Chapter meeting will be held on November 18, 2010 at Biaggi's in Davenport, IA. The program will include a presentation by Andrew Price on ASHRAE standard 189.1 – Standard for the Design of High Performance, Green Buildings.

Gift Card Giveaway at October Meeting!

At the October meeting the chapter will be giving away a \$25 gift card chosen from the names of individuals who attended the September meeting. The list of eligible winners is below. Remember to attend chapter meetings monthly to be eligible to win. Good luck to all!!

September Meeting Attendees		
Billman, Brian	Igou, Patrick	Rehn, Kyle
Blackburn, Robert	Jacques, Nate	Reinheimer, Gary
Bodenschatz, David	Karnstedt, Kurt	Richards, Phillip
Clegg, Justin	Lange, Gary	Richter, Jay
Conrad, Jim	Lyon, Ron	Schaub, John
Davis, Bruce	Matteson, Marcus	Van Damme, Tracy
Gardner, Jeremy	Possin, Simon	Vorac, Jake
Hiebert, Dean	Prest, Philip	Ward, Bill
Hodgin, Brian	Primrose, Stewart	Washburn, Cris

ASHRAE News

ASHRAE Holds All the Sustainability Cards, Winter Conference to be Held in Las Vegas

ATLANTA—Las Vegas, Nev. continues to build upon its reputation as a vibrant showcase for the extraordinary by offering the grandest hotels, the biggest stars in entertainment and, of course, the brightest lights. It's no wonder that the world's biggest HVAC Expo and the largest membership-based HVAC&R engineering society have chosen the city as the site of the ASHRAE 2011 Winter Conference and

AHR Expo. Those who take part in the early-bird registration before December 31 have the opportunity to save up to \$195. Complete information is available at www.ashrae.org/lasvegas.

<http://www.ashrae.org/pressroom/detail/17621>

Encouraging Sustainable Design Worldwide: ASHRAE Standards Translated

ATLANTA – Tools to help further the fast growing green market in South America have been developed by ASHRAE and partnering organizations in that region. Two ASHRAE standards regarding energy efficiency and sustainability recently were translated into Spanish and Portuguese. ASHRAE's Argentina Chapter recently translated ANSI/ASHRAE/USGBC/IES Standard 189.1-2009, Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings, into Spanish. In addition, ASHRAE also worked with the Green Building Council Brazil on the Portuguese translation of Standard 90.1-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings. The Council wanted a translation of the standard for use in the Leadership in Energy and Environmental Design (LEED®) rating program in that country.

<http://www.ashrae.org/pressroom/detail/17617>

ASHRAE President Testifies on Optimizing Federal Building Efficiency at Congressional Subcommittee

ATLANTA – The impact of the U.S. buildings is surprisingly large, with CO2 emissions alone approximately equaling the combined emissions of Japan, France and the United Kingdom for transportation, industry and buildings. The U.S. Federal government is the nation's single largest energy consumer and greenhouse gas emitter, and in Congress's efforts to seek ways of improving the energy efficiency of federal buildings, the U.S. House Subcommittee on Government Management, Organization and Procurement held a hearing on Wednesday, July 21 to examine the federal government's role in greening buildings. Testifying at the hearing, ASHRAE President Lynn G. Bellenger said that, "over the years significant progress has been made in the federal, commercial and residential sectors, and we are poised to embark on a new era of energy efficiency and taxpayer dollar stewardship that will lead us to net-zero-energy buildings."

<http://www.ashrae.org/pressroom/detail/17582>

Digital Journal

http://www.nxtbook.com/nxtbooks/ashrae/ashraejournal_201009/#/0

Industry News

Health-Care Industry Leading the Way in Energy Efficiency

MILWAUKEE—Health-care organizations are more likely to invest in energy efficiency for their facilities compared to other industry sectors in North America, according to a recent survey by Johnson Controls, in conjunction with the American Society for Healthcare Engineering (ASHE) and the International Facility Management Association (IFMA). Two-thirds of health-care organizations plan to make capital investments in energy efficiency over the next 12 months, compared with 52% overall in North America.

http://www.johnsoncontrols.com/publish/us/en/products/building_efficiency/smart_environments/US_Newsletter/Sept-2010/EEI-Survey-Healthcare.html

Growth in Green Building Expected to Drive Use of BIM

NEW YORK—The growth of the green building market is expected to drive adoption of building information modeling (BIM) software. According to a new report by McGraw-Hill Construction, only 17% of practitioners are currently using BIM in more than 50% of their green building projects. However, nearly 80% of survey respondents who aren't currently using BIM on green building projects expect to do so within three years.

<http://www.prnewswire.com/news-releases/growth-in-green-building-use-expected-to-drive-use-of-bim-tools-says-new-mcgraw-hill-construction-study-101889803.html>

USGBC Expands Data Collection From LEED-Certified Buildings

WASHINGTON—The U.S. Green Building Council (USGBC) has begun collecting energy- and water-use data from LEED-certified buildings, and is promising preliminary performance reports for building owners participating in its Building Performance Partnership (BPP) by November. USGBC says BPP is intended to help underachieving projects identify and correct performance problems. It adds that "no building will be decertified for performance or a performance gap."

<http://www.buildinggreen.com/auth/article.cfm/2010/8/20/USGBC-Expands-Data-Collection-from-LEED-Buildings/>

Check-out the Updated Chapter Website at:
www.mississippivalleyashrae.org

2010-2011 Officers/Board of Governors

<i>President:</i>	<i>Simon Possin</i>
<i>Vice President:</i>	<i>Jake Vorac</i>
<i>Treasurer:</i>	<i>Nate Jacques</i>
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<i>Member at Large:</i>	<i>Brian Hodgins</i>

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<i>CRC Alternate:</i>	<i>Nate Jacques</i>
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<i>Student Activities:</i>	<i>Kyle Rehn</i>
<i>CTTC:</i>	<i>Bruce Davis</i>
<i>Webmaster:</i>	<i>John Schaub</i>



Mississippi Valley Chapter
ASHRAE
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