

# THIN-AIR BULLETIN

NEW MEXICO CHAPTER      REGION IX      ALBUQUERQUE, NEW MEXICO

## ASHRAE

AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS

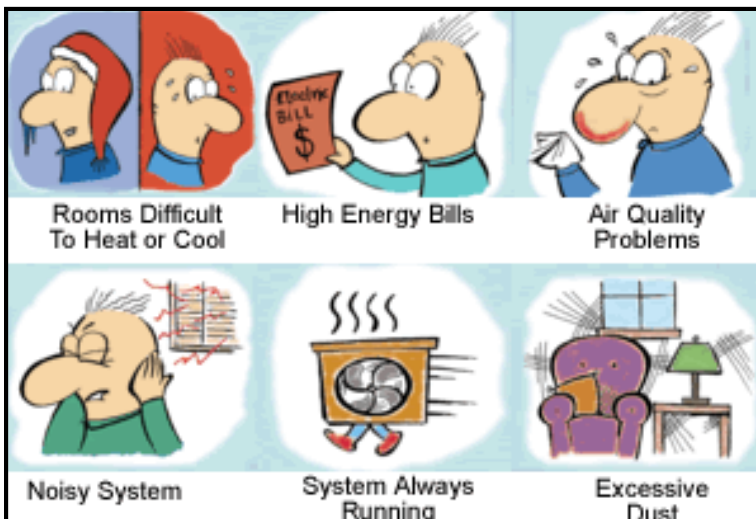
November 13, 2006

### October Meeting Recap

October 17th Meeting,

Last month's meeting featured Harold Trujillo and Susie Marbry from the New Mexico Energy, Minerals and Natural Resources Department. They gave an up date on the Governor's Executive Order requiring all state projects to be LEED silver certified and reduce energy usage by 50%. The state is one of the largest building owners in the state with a quarter of all construction and a \$75 million dollar energy budget. The overall goal of the Order is to reduce energy consumption so the state is "carbon neutral" by 2030. Susie Marbry introduced the EPA Energy Star evaluation program which is the basis for the 50% reduction requirement.

### Daily Obstacles of A Mechanical Engineer



### PRESIDENT'S MESSAGE

Thanksgiving is upon us and soon 2006 will be just another year in the history books. I hope you take some time this month to reflect on the many things you are thankful for in your own life. This is an important time to appreciate the many blessings, successes and achievements of the year and at the very least be thankful for the opportunity that a New Year offers. If you are having trouble coming up with one let me start you off with an ASHRAE related one. We are part of an industry that many rank as one of the top ten most important inventions of the 20<sup>th</sup> century and due to issues such as energy conservation, sustainability and IAQ our our positions will become increasing important in the future.

Personally, I would like to thank the Board of Governor's for all their hard work and fellowship. I can't not think of a better and more enjoyable group to be on the board with and I say this after seven years on the board, so I think the "honeymoon is over". I would especially like to thank our CTTC Program Chair, Rich Reif. The CTTC Chair position may be the most difficult of all the positions on the board and certainly requires the most time, it is however critical to the success of our chapter. Additionally, I would like to thank those who have attended meetings this year and hope that you can all make it to the November meeting.

Warmest Regards,  
Deward Stegall

## **ASHRAE Looks to Develop Water Conservation Standards**

ASHRAE - Requirements regarding the amount of water used to operate HVAC, plumbing and irrigation systems would be established under a proposed standard from the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).

"Water is the most important renewable resource on this planet," Terry Townsend, P.E., ASHRAE president, said. "To protect this source of life, we must reduce the demand and consumption that the built environment is placing on available water sources. It is our intention to develop a standard that can be used globally to conserve this valuable resource."

The proposed standard, Conservation of Water Use in Building, Site and Mechanical Systems, would provide baseline requirements for the design of buildings, landscapes, and mechanical systems that minimize the volume of water required to operate HVAC systems, plumbing systems, and irrigation systems.

The standard would address water use efficiency through water conservation measures implemented during design and construction of residential, commercial, institutional and industrial projects. It would not apply to storm water management.

The proposed title, purpose and scope of the standard are open for public comment until Nov. 20. Also, members are being sought to serve on a committee to write the standard.

To join the committee or comment on the draft title, purpose and scope, visit the standards actions for Oct. 6 at [www.ashrae.org/publicreviews](http://www.ashrae.org/publicreviews).

ASHRAE, founded in 1894, is an international organization of 55,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

## **Membership Promotion Night**

Our New Mexico Chapter will be having the first of two Membership Promotion nights at this month's meeting. We encourage everyone to attend and invite potential members to see how vital ASHRAE is to our industry. Membership applications will be available.

ASHRAE Member-Get-A-Member Incentive Program:

Our New Mexico Chapter encourages current Members to encourage and sponsor new applicants. A \$10.00 coupon will be distributed by Society for *each* new member recruited. These coupons may be used for annual dues payment, publication purchases, and logo merchandise purchases. Please include the Sponsor's name and membership number on the application membership form in the section designated for the Member-Get-A-Member Program.

Please contact me at you earliest convenience with any questions regarding membership or the Member-Get-A-Member Incentive Program.

Pat Davis

[patd@mneengineering.com](mailto:patd@mneengineering.com)

## **From The History Books**

November 1970

Chapter Officers were:

|                  |                    |
|------------------|--------------------|
| President:       | Robert P. Friggens |
| President-Elect: | Peter Lujan        |
| Secretary:       | Paul Arnold        |
| Treasurer:       | Bruce Cantrell     |

The speaker for the evening was Dr. Martin Fleck spoke on Ecology. He is an Environmental Consultant in the field of air and water pollution. He consults with PNM.

The balance of the Chapters' treasury was \$488.14.

The Christmas Party of December 12<sup>th</sup> at the Sunport was discussed.

## **NOVEMBER MEETING TOPIC & PRESENTOR**

### **Green Chilled Water HVAC Design**

**This presentation will explore the different choices that can be made to ensure an energy efficient design in large chilled water systems. ASHRAE Guidelines and Standards will be referenced.**

**We will discuss different systems and concepts to see how the design can comply with Green design. An exploration of case studies with Life Cycle Calculations will complete the seminar.**

**Julian R. de Bullet**  
McQuay International



**Julian R. de Bullet** has over 30 years experience in the HVAC industry. His career has concentrated on the applied use of Chilled Water and All-Air systems as a manager of applied equipment sales and as a manager of a service/performance contracting operation.

**He is the Director of Industry Relations for McQuay International**, based in Washington D.C. He is responsible for assisting McQuay customers and McQuay sales representatives in HVAC&R system design and specification. He is a member of numerous industry associations concentrating on energy efficiency and responsible refrigerant use.

**As ASHRAE Vice President (2001/2003), he served on the Board of Directors and the Executive Committee and was Chair of Member Council and Publishing Council. He is Past President of the National Capital Chapter and was Director and Regional Chair for ASHRAE Region III. He is an ASHRAE Distinguished Lecturer. He chaired the Professional Development Committee and is a member of the Programs and Education Council and the Society Nominating Committee.**

He is a Graduate of the London University system in England, where he obtained an Electrical Engineering degree and a Diploma in Marketing.

- NOVEMBER MEETING -

**SPEAKER: Julian R. de Bullet**

**TOPIC:** Green Chilled Water HVAC Design

**DATE:** November 21, 2006

**TIME:** 11:45 AM

**LOCATION:** Gardunos on The Green

**TECHNICAL SESSION:** none

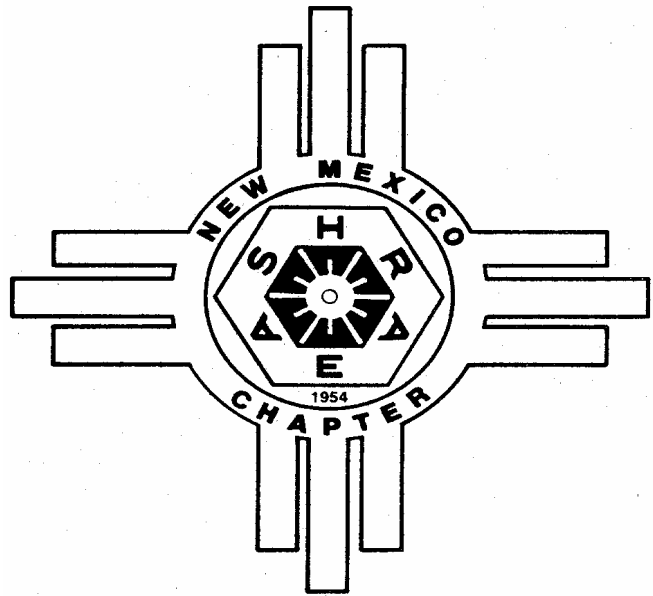
**MENU:** Italian Buffet

**COST:** \$ 21.00

All Costs are inclusive of tax and tip

**RSVP:** Friday September 15th, RSVP with meal selection and number of attendees to:

**Rich Reif (505)-883-4111 Ext. 729 or  
RJR@bpce.com**



New Mexico Chapter of ASHRAE

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(505)-344-8535 Fax

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[jason@mechrep.com](mailto:jason@mechrep.com)

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 our goal. Please send what you can today!  
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 this year's Commemorative Coin and Honor Roll  
 Contributions status.

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|            |          |           |           |          |              |
|------------|----------|-----------|-----------|----------|--------------|
| INDIVIDUAL | \$50.00  | \$75.00   | \$100.00* | \$125.00 | Other: _____ |
| CORPORATE  | \$100.00 | \$150.00* | \$250.00  | \$500.00 | Other: _____ |

\*Minimum of Honor Roll Recognition by Society

*Individual and corporate contributions advance industry research resulting in better products, installation methods, buildings and profits.*

*Please invest in your future through ASHRAE RESEARCH.*

It is early in our 2006-2007 Research and Promotion year, however; I would like to thank the individuals and businesses which have already made a contribution. It is my personal goal to achieve the collection goal for our Chapter. Please use the form above and mail either to Jason at Mechanical Representatives, Inc. or directly to society. If you have any questions, please do not hesitate to contact me by email [jason@mechrep.com](mailto:jason@mechrep.com) or phone 821-2563.

**\$500 and above:**  
**Mechanical Representatives**

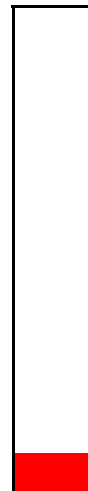
**\$250 to \$499:**  
**National Heating & Ventilating**

Full Circle - \$100 per Board Member:

- Dan Beckley**
- Jason Moorhead**
- Rich Rief**
- Charlie Scoggin**
- Deward Stegall**

**Current  
 Collections  
 for 2006 – 2007**

- \$11,000**
- \$10,000**
- \$9,000**
- \$8,000**
- \$7,000**
- \$6,000**
- \$5,000**
- \$4,000**
- \$3,665**
- \$3,000**
- \$2,000**
- \$1,000**



*Mark your check – ASHRAE Research. Contribute on your membership renewal form.*