



# THIN-AIR BULLETIN

NEW MEXICO CHAPTER      REGION IX      ALBUQUERQUE, NEW MEXICO

ASHRAE

AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS

March 2004

## LEED Program Basics



This month's program features Carol Marriott who is the Applications Manager for McQuay International. She has over four years of experience in HVAC systems and energy applications. Carol has two degrees, a Bachelor of Engineering Science and Bachelor of Arts in Economics, both from the University of Western Ontario.

Carol is an ASHRAE Associate Member and

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## PRESIDENT'S MESSAGE

The U.S. Green Building Council (USGBC) has developed a framework for designing, constructing and maintaining environmentally friendly buildings. It has done so through its Leadership in Energy and Environmental Design or LEED program.

The LEED program has become the premier guideline for minimizing a building's impact on the environment both now and in the future.

Through this rating system, credits are awarded for strategies that improve indoor air quality, not just with the air distribution system, but also through the use of materials that emit low amounts of VOC's into the air.

Credits are also given for energy efficient design like the use of thermal storage as was talked about at our February meeting.

This month's meeting focuses specifically on the LEED program and how it affects us in the HVAC industry. As I mentioned last month, many government agencies are starting to require LEED certification on some projects. So make plans to attend this months meeting and see how this may help your business.

Mike Dunavant  
NM ASHRAE Chapter President.

## Student Activities Update

HELP! I am late in reporting points for our Chapter and would appreciate any input you may have in the following point categories:

25pts - Each engineering college undergraduate or tech school student placed in an ASHRAE related summer intern job or part-time job during school.

25pts. - Each K-12 student activity in which a chapter members participates. (Speaks to class, judge science fair, etc.)

25pts. - For each post H.S. activity in which a chapter member participates.

25pts. - Each teach-in by a chapter member to a class or an organized student group.

25pts. – Funding a student project.

10pts. - Each student member attending a chapter monthly meeting.

25pts. - For participation in a National Engineering Week Activity. (Feb.22nd to 28th)

Anyone with input in regard to the above activities, starting from summer 2003, please contact me at [scoggin@nationalheat.com](mailto:scoggin@nationalheat.com).

Thank you,

Charlie Scoggin

## ASHRAE CRC 2004 Sponsors

We are continuing to receive donations to help support your NM Chapter's CRC efforts. The most recent donations are from York (Norman S. Wright), McQuay (W.M. Carroll), Ruskin (W.M. Carroll), and from Patterson-Kelley (Johnston Company). I want to thank all of these organizations for their generous and early contribution to our fund.

I have received pledges of support from a number of you indicating that donations will be coming from your manufacturers. I encourage you to push them to get the donations to me as soon as possible. The closer it gets to the CRC the more we will need the funds. Thanks for your support.

Ed Fagyal  
ASHRAE CRC Donations Chairman  
Phone: 505-890-8155  
[ed@fagyal.net](mailto:ed@fagyal.net)

## CRC Sponsorship Update

### \$1000 Sponsors:

CAC, Inc.—Siemens Building Technologies

### \$500 Sponsors:

Energy Controls Inc. —TAC

Public Service Company of New Mexico—  
PNM

The Johnston Co.—Patterson Kelley

WM Carroll — McQuay

### \$250 Sponsors:

Norman S. Wright — York

### \$200 Sponsors:

W.M. Carroll — Ruskin

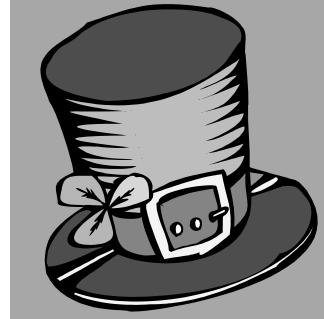
## From the History Books

October 1999

Chapter Officers were:

President:	Ed Faygal
President-Elect:	Nick Nellos
Secretary:	Tom Watters
Treasurer:	Jim Asperger

This month's speaker was Jeff Miller of ABB. He spoke about general application issues and solutions for variable frequency drives. He also discussed IEEE 519, 1992, FCC Part 15, and new technologies.



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currently serves as the Mechanical Subcommittee Chair of SSPC 90.1. She is also a member of TC 5.5 Air-to-Air Energy Recovery.

LEED is a green building rating system developed by the US green building council. This presentation will cover the LEED requirements and have particular focus on the sections that apply to HVAC. The presentation will also cover some of the 90.1 requirements to score LEED points. This program is at the Petroleum Club on Tuesday March 16th. The cocktail hour starts at 5:30 pm then the dinner and program follows at 6:30 pm. Dinner will be Filet of Sole with Lemon Buerre Blanc Sauce served with vegetable du jour and dessert du jour. Cost is \$22.00 inclusive. Please reply by noon on Friday March 12th by e-mail [davidg@cmenm.com](mailto:davidg@cmenm.com) or call David Graham at 884-8868.

## February's Program Review

### Thermal Storage Basics, LEED's, and Myths

Last month's program featured Terry Andrews who is the western regional manager for Calmac Manufacturing Corp. Mr. Andrews discussed many aspects of thermal storage. The presentation included an introduction to thermal storage covering the basics and some typical applications. Part of the Mr. Andrews' talk covered how to apply thermal storage based on New Mexico's commercial rates with emphasis on schedule 4B, large power service, and time of use rates. Also included in the discussion was how to earn LEED's credits with thermal storage and thermal storage myths based on Mark MacCracken's article in "The ASH-RAE Journal" last September.

**- MARCH DINNER MEETING -**

**SPEAKER: Carol Marriott  
McQuay International**

**TOPIC: LEED Program Basics**

**DATE: Tuesday, March 16th, 2004**

**Santa Fe Location: No Meeting**

**Albuquerque Location: Petroleum Club  
500 Marquette NW**

**TIME: 5:30 Social Hour**

**6:30 Dinner and Main Program**

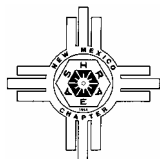
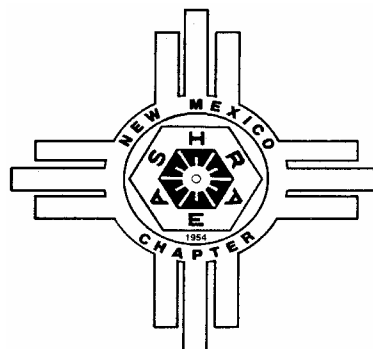
**MENU: Filet of Sole with Lemon Buerre Blanc  
Sauce served with vegetable du jour and  
dessert du jour**

**COST: \$22.00**

All cost are inclusive of tax and tip

**RSVP: Friday 12:00, March 12th, to David  
Graham at 505-884-8868 or e-mail:**

**davidg@cmenm.com**



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