



Newsletter of the Illinois Chapter of ASHRAE August/Sept. 2009, Vol. 49, No. 1

*It's a good place to start!*

## Let's meet again at "Rock Bottom"

We're kicking off the 2009-10 meeting season at the Rock Bottom Brewery, located on Chicago's north side. (Parking lot is on north side of Grand Ave. east of State Street.) Homemade Rock Bottom beer, root beer and soda will be among the main refreshments served at this casual get together. Heavy appetizers and snacks are also planned.

The State of Illinois requires professional engineers to complete 30 PDHs (Professional Development Hours) of training for license renewal. The Illinois Chapter ASHRAE offers educational programs with more than enough PDHs to help engineers satisfy this requirement. Join us on August 25th and find out how many programs and what topics will be available in the coming months.

The new Illinois Chapter President, Brett Kelley, will describe what we have to offer in the way of educational, social and other events. He'll also introduce our committees and discuss opportunities for getting more involved in ASHRAE.

The annual kickoff meeting is mostly about having fun, so you don't have to be a member to attend. In fact, we are interested in seeing not only "regulars" at the meeting but also new faces. In this spirit, we have declared Aug. 25th to be **New Member Night**. So bring along a guest, if you like, and introduce him or her to ASHRAE.

The meeting cost is \$35 per person. **Get your reservation in early online at [www.illinoisashrae.org](http://www.illinoisashrae.org) (or call (708) 636-3604).** We hope to see you there!

## *President's Message*

### **Refocus on research and scholarship in 2009-10**

Another year has passed and we find ourselves in transition of ASHRAE Illinois Chapter's Board and Officers. This year the Illinois Chapter is observing its 103rd year of service, and with a new year comes new challenges and opportunities.

To begin, I would like to reflect on 2008-09 and thank former President **John Hill** for his efforts and successes in increasing membership and chapter awareness. John's charge (and challenge) was to



take an active approach in our chapter's program offerings and increase membership and participation. He and members of the board identified improved strategies, reaching out to members through survey and extended program tracks, ensuring we continue a broad range of quality programs. Adding John's vision expanded our professional network and contribution to include two technical seminar series with such innovative and necessary programs as LEED and the United States Green Building Council. It is our hope to continue diversifying our agenda, embracing mutually beneficial professional organizations such as the Mechanical Contractor's Association, the American

*(continued on next page)*

### **August 25 Kickoff Meeting**

5:30 - 8:00 p.m.

Rock Bottom Brewery

One West Grand Ave., Chicago, Illinois  
(Southwest corner of Grand Ave. & State St.;  
at entrance to Red Line "EL" stop)

**Make reservations online at**

**[www.illinoisashrae.org](http://www.illinoisashrae.org)**

**Or call (708) 636-3604**

## **Golfers!**

**Get your clubs and foresomes ready!**



The Illinois Chapter ASHRAE Annual Golf Outing is coming

Thursday, September 17

St. Andrews Golf Club, West Chicago, Illinois

Complete golf outing details and registration form are enclosed in this newsletter.

## Chapter news & notes:

### Recognition for special companies

ASHRAE offers many opportunities for individual members to gain special recognition for a job well done. Now the Illinois Chapter has a new program that aims to give greater recognition for the key role that **companies** play in ASHRAE. Thanks to the new "**HVACR Backer**" program, there will be many more chances for companies to become sponsors of Illinois Chapter events and activities. As the "**Platinum Sponsor**," for example, their name and support will be acknowledged at the annual golf outing, ongoing seminars and other events as well as on the Chapter Web site and publications during 2009-10. For more information on sponsor packages, see the related flier with this newsletter.

### ASHRAE engineering awards underway

The Illinois Chapter is now requesting submittals for the 2009 *Excellence in Engineering Awards* program. These awards are timed to coincide with similar awards at the Region VI and ASHRAE Society levels. The deadline for submittals will be Oct. 15, 2009. The judging will take place in November with final winners recognized at the Chapter's Dec. 8, 2009 meeting. Besides these awards for outstanding HVAC designs, members may want to compete for separate awards for "non-comfort refrigeration" or "refrigeration comfort cooling" projects. Check the enclosed fliers for more information on all awards. And make this the year in which you get the recognition you so richly deserve!

### Chapter seeking scholarship applicants

The scholarship committee is accepting scholarship applications for 2009-10. Applications may be obtained by contacting Chapter headquarters at (708) 636-5819 or from the Chapter Web site, [www.illinoisashrae.org](http://www.illinoisashrae.org) (click on "Programs"). The deadline for applications is Dec. 31, 2009. Scholarship winners will be introduced at the Feb. 9, 2010 monthly meeting. Scholarships are given to deserving high school and college students interested in pursuing studies in engineering, science or mathematics that are fundamental for a career in the HVAC field.

### The Illinois Chapter is LinkedIn

Join 200 other local engineers who are

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## President's Message

(continued from page 1)

Institute of Architects, and the Building Owners and Managers Association International. John did a fantastic job and I am grateful that he, as well as others, will continue to help us move forward in 2009-10.

As the new president, I would like to adopt **Scholarship** and **Research** in alignment of our efforts and offerings for the year ahead. Given the past year's economic challenges, it is evident that during these difficult times revenues benefiting these advances have suffered. As a society and chapter established for the advancement of education principals, we would be remiss if we failed our founding charter.

In previous years, the chapter has capitalized a fund and held seminars, other technical sessions and social outings to sustain a scholarship base and return revenues to research engagements. To date, we have been successful in upholding these commitments — however, without significant growth. For the last five years, ASHRAE Illinois has maintained the same chapter-level research promotion goal of *Bronze*, supplementing regional member's personal and corporate donations. During these years, and since the events of recent, there has been a significant reduction of personal- and corporate-level philanthropy, burdening the chapter with the remaining financial commitments to simply maintain what has been achievable in the past.

Continuing over the same period, ASHRAE Illinois has maintained our commitments to funding the scholarship of tomorrow's engineers. Each year, the Illinois Chapter solicits those locally in-need and in pursuit of engineering-related scholarship. These scholarships are largely funded by revenues from our *HVAC Design Seminar Series* held in the fall, as well as discretionary monies available from other programs. Again, without growth the scholarships and capital available to fund such have remained stagnant. To date, we are tracking a scholarship base of approximately \$8,000, annually. This is traditionally awarded to 4 to 6 individuals, divided by level of achievement. I believe we would all agree that the costs of education are not getting any cheaper. At minimum, as the largest society chapter — with more than 1,200 members — we should be able to commit some nominal growth to each of these pursuits.

To this end, this year we are enacting a new type of **Sponsorship** that will encompass portions of each of our technical, scholarship/research and social responsibilities as a chapter. These sponsorships will have varying levels, with transparency to their value and benefits: simply, we combined portions of our more successful events with additional commitment values of scholarship and research donation. Each of these levels is customizable in the events offered and the intended beneficiary. (See list on the "HVACR Backer" flier included with this newsletter.) These Sponsorships are aimed at combining reward, dedication and recognition, in hopes of seeding revived interest in growing our future.

That doesn't mean that we will concentrate specifically on aligning our programming, technical events and social outings to profits; it just means that we'll need to refocus our efforts. We need to revisit our obligation to our founding principles and uphold advancing the scholarship and research to provide the engineering of tomorrow. This should be our legacy. Further, by soliciting feedback, joint-venturing our program offerings and actively tracking our successes, our board, committees and veterans will strive to continue to offer the best value in continued engineering education. I believe all of this is achievable.

Our **Kickoff** for the new year is **August 25th** at the **Rock Bottom Brewery** in Chicago. Make sure to mark your calendars and bring a friend. This year's annual **Golf Outing** will take place on **September 17th** at **St. Andrews Country Club**. More details on both events appear in this issue of *Intercom* and online at [www.illinoisashrae.org](http://www.illinoisashrae.org).

So, on behalf of our chapter officers, board of governors, committee chairpersons and myself, welcome to a new year of Illinois ASHRAE.

Please join us this year, donate and get involved. Help us make the Illinois Chapter not only ASHRAE's largest but also its *very best* chapter.

**Brett J. Kelley, P.E., President**  
*Illinois Chapter ASHRAE*

already members of the chapter's LinkedIn Group. The Illinois ASHRAE Chapter is hosting this LinkedIn Group, which will serve two main functions: 1) to make sure Chicago-area HVAC professionals are abreast of upcoming local events and training sessions, and 2) to foster communication and exchange of ideas between local HVAC engineers. Visit [www.linkedin.com](http://www.linkedin.com) and search groups for "illinois ashrae."

## Let's welcome our newest members

Congratulations to the following individuals who recently became ASHRAE members, and welcome to the Illinois Chapter:

- Lou Berthiaume
- Matt Born
- Johnny Bueno-Abdala
- Fran Burns
- Kevin Cahill
- Samuel Cremin
- Timothy Donovan
- Brian Ford
- Lewis Hamilton
- John Hansen
- Gregory Jaroch
- Tyler Jensen
- Edward Kaiser
- Steven Krummick
- Justin Lizaso
- Gibson Mammen
- Nathan Mathiot
- Anna Morton
- Andrew Nelson
- Eric Person
- Mark Prete
- Mario Recio
- Tim Shinnick
- Lauren Spicer

The Illinois Chapter has planned lots of seminars and other activities to further your professional knowledge, contacts and career.

See back page for a list of what's ahead.



## IT'S BACK: HVAC SEMINAR SERIES RETURNS

### Basics of Engineering Principles for HVACR Systems Design

The Education Committee will renew its highly informative, popular seminar series titled **Basic Engineering Principles for HVACR System Design** this fall. The weekly seminars will start Thursday, Sept. 17, 2009, and run eight consecutive Thursday nights from 6:00 to 9:00 p.m. at the ITT B&G Little Red School House, 8200 N. Austin Ave., Morton Grove, Ill. (1/2 blk.north of Oakton St.; Austin is 1 block east of Lehigh Ave.; Amtrak RR station is 2 miles north & 1 mile west, on Lincoln Ave.; parking is available in fenced lot at north end of B&G building).

The registration fee pays for the course textbook, "Heating, Ventilating and Air Conditioning Analysis and Design (6th edition)" by McQuiston, Parker & Spitler. It includes special software for accessing the Internet for information about building projects, load determination, heat transfer coils, ductwork, pipe sizing and psychrometrics. A notebook with each night's class outline, notes and design project will also be furnished. Everyone who completes the program will receive a certificate of completion with 24 PDH credits. Textbook and reading assignments will be priority-mailed to registrants before the first seminar. **The course cost is \$375 if registration payment is received by Sept. 1, 2009; course cost is \$425 after Sept. 1.**

#### Schedule, Topics and Speakers:

*Introduction—Comfort in Air Conditioning, Heat Transfer in Building, Loads & Design Project*  
Thursday, Sept. 17, 6 p.m., Kyle Schultz (Air Products Equipment Co.), lecturer

*Heating, Ventilating & Cooling Loads; Applied to Design Project*  
Thursday, Sept. 24, Bill Paschal (Sargent & Lundy Engineers), lecturer

*Applying Psychrometrics to Air Systems & Review of Heat Transfer Devices*  
Thursday, Oct. 1, Dick Hegberg (Hegberg & Associates), lecturer

*Air Flow in Duct Systems, Fans and Room Air Distribution Design*  
Thursday, Oct. 8, Bill Paschal (Sargent & Lundy Engineers), lecturer

*Refrigeration for Comfort Cooling & Application to Building Design Project*  
Thursday, Oct. 15, Mark Sanchez (AMS Mechanical Systems, Inc.), lecturer

*Water Systems Design & Water to Air Coil Selection*  
Thursday, Oct. 22, Dick Hegberg (Hegberg & Associates), lecturer

*Automatic & DDC Control System Fundamentals and Application to Building Design Project*  
Thursday, Oct. 29, Mark Hegberg (Danfoss Products), lecturer

*Air & Water Systems Design Applied to Building Design Project*  
Thursday, Nov. 5, Bill Paschal & Dick Hegberg, lecturers

Mail registration form and check to Illinois Chapter ASHRAE, to be received by Sept. 1, 2009. Textbook, notebook, and reading assignment to be sent priority mail before the first seminar.

Name \_\_\_\_\_ Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_  
 My check for \$ \_\_\_\_\_ is enclosed.  
 Please charge my credit card: \_\_\_ American Express \_\_\_ MasterCard \_\_\_ VISA  
 Credit card number: \_\_\_\_\_ Expires \_\_\_\_\_  
 Signature: \_\_\_\_\_

Please send form and check, payable to ILLINOIS CHAPTER ASHRAE, P.O. Box 428020, Evergreen Park, IL 60805-8020. To pay by credit card, fax form to (708) 424-5804. Call chapter office at (708) 636-5819 for registration or payment information or Dick Hegberg at (773) 775-2469 for course details.

# MARK YOUR CALENDAR...

*A look at upcoming seminars, meetings & other events*

Aug. 25, 2009

Chapter Kickoff Meeting  
"New Member Night"  
Rock Bottom Brewery, Chicago

Sept. 17, 2009

Annual Golf Outing  
St. Andrews Golf Club, West Chicago, Ill.

Sept. 17 - Nov. 5, 2009

HVACR Basics Seminar Series  
ITT Little Red Schoolhouse, Morton Grove

Oct. 13, 2009

Seminar: Energy Saving Designs for Existing Buildings, 2 - 5 p.m.  
Dinner Meeting: Alternative Energy: Photovoltaics, Solar Water Heat, Geothermal, Wind Turbines, 5 - 8 p.m.  
Downtown location to be determined

Nov. 10, 2009

Seminar: ASHRAE Design Guidelines, 2 - 5 p.m.  
Dinner Meeting: New & Upcoming Seismic Design Requirements, 5 - 8 p.m.  
Suburban location to be determined

Dec. 8, 2009

Technology Awards Luncheon  
"Past Presidents & Life Members"  
11:30 a.m. - 2:30 p.m.  
Suburban location to be determined

Jan. 12, 2010

Seminar: Heat Pumps & Geothermal Systems, 2 - 5 p.m.  
Dinner Meeting: Hybrid House (2008 Technology Award Winner), 5 - 8 p.m.  
Downtown location to be determined

Jan. 23-27, 2010

ASHRAE Winter Conference  
Orlando, Fla.

Jan. 25-27, 2010

AHR Expo, Orange County Convention Center, Orlando, Fla.

Feb. 9, 2010

Seminar: Demand Control Ventilation, 2 - 5 p.m.  
Dinner Meeting: Loyola Univ. Commons Building (2008 Technology Award Winner), 5 - 8 p.m.  
Downtown location to be determined

March 9, 2010

Seminar: Fundamentals and Advanced Sequences of Operation, 2 - 5 p.m.  
Dinner Meeting: Northwestern Memorial Hospital Cell Therapy Facility (2008 Technology Award Winner), 5 - 8 p.m.  
Downtown location to be determined

April 13, 2010

Seminar: Chillers and Chilled Water Distribution, 2 - 5 p.m.  
Dinner Meeting: Autodesk BIM Software, Pt. 2, 5 - 8 p.m.  
Downtown location to be determined

May 11, 2010

Seminar: Air Distribution Fundamentals, VAV, CAV, FPB, 2 - 5 p.m.  
Dinner Meeting: Sound/Noise Control for Air & Water Systems, 5 - 8 p.m.  
Downtown location to be determined

June 1, 2010

Dinner Meeting & Seminar: Dedicated Outdoor Air Systems (DOAS) 5 - 8 p.m.  
Downtown location to be determined



Illinois Chapter ASHRAE  
P.O. Box 428020  
Evergreen Park, IL 60805-8020

First Class  
AUTO  
U.S. Postage Paid  
Chicago, IL  
Permit No. 4269



## Become an **HVACR BACKER**

Support ASHRAE's mission while promoting your business

The Illinois Chapter ASHRAE (American Society of Heating, Refrigerating and Air/Conditioning Engineers, Inc.) hosts numerous educational, technical and social activities and events each year. These events bring together hundreds from the Chicago area's premier HVAC&R community – systems designers, consulting engineers, contractors, teachers, government officials, and manufacturers representatives. As an **HVACR BACKER** your company will not only provide vital support for these activities but also help fund ongoing chapter-level scholarship and research efforts aimed at advancing tomorrow's HVAC&R engineers and technology. Sponsors receive exposure and special recognition all year long at chapter events and in publications received by members of ASHRAE's largest chapter worldwide. Several levels of support, as described below, are available. For more information, call 708-636-5819.

2009-10 Sponsor Packages	Platinum	Gold	Silver	Green	Friend	Golf Only
	\$5,000	\$2,500	\$1,250	\$650	\$500	\$600
<i>Maximum Sponsorships Available</i>	2	4	6	n/a	n/a	n/a
<i>2009 Golf Hole Sponsorship</i>	Beverage and General Hole (on separate courses)	Beverage Hole	Closest to the Pin	Longest Drive or General Hole Signage*	n/a	General Hole Signage
<i>YEA (Young Engineers in ASHRAE) Event Sponsorship</i>	Prime Featured Sponsor	Included	n/a	n/a	n/a	n/a
<i>Seminar/Dinner/Bar Event Sponsorship</i>	One Event Included	One Event Included	n/a	n/a	n/a	n/a
<i>Complimentary Event Tickets</i>	2 for above	1 for above	n/a	n/a	n/a	n/a
<i>Research Donation or Student Scholarship funded in your company name</i>	\$2500**	\$1,000	\$500	\$250	\$250	n/a
<i>Complimentary Student Tuition at 2009 HVAC Fundamentals Seminar Series</i>	2 students	1 student	1 student	n/a	n/a	n/a
<i>Website Advertisement (full year ending June 30)</i>	Logo and link to your site from Homepage and Sponsor Link page	Logo and link to your site from Sponsor Link page	Logo and link to your site from Sponsor Link page	Link to your site from Sponsor Link page	Link to your site from Sponsor Link page	n/a
<i>Listing in each monthly Intercom newsletter for full year ending June 30</i>	Includes your Logo (large size)	Includes your Logo	Includes your Logo	Included	Included	n/a
<i>Membership Directory Advertisement</i>	Color Ad on an Inside Cover and Listing on Supports Page	Listing on Supporters Page	Listing on Supporters Page	Listing on Supporters Page	Listing on Supporters Page	n/a
<i>Permission to use "Illinois ASHRAE" supporter on your company's marketing materials until June 30</i>	Permission to use chapter logo and state "Platinum Illinois ASHRAE Supporter"	Permission to use chapter logo and state "Gold Illinois ASHRAE Supporter"	Permission to use chapter logo and state "Silver Illinois ASHRAE Supporter"	Permission to state "Illinois ASHRAE Supporter"	Permission to state "Illinois ASHRAE Supporter"	n/a
<i>Recognition at every event</i>	Included	Included	Included	Included	Included	n/a

The program and all benefits run through June 30, 2010.

\*Longest Drive - first come, first served

\*\* \$2500 earns Bronze level of recognition by society

Company \_\_\_\_\_ Contact \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

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

Company Web Site Address \_\_\_\_\_

My check is enclosed, payable to Illinois Chapter ASHRAE

Charge my credit card:  American Express  Visa  MasterCard

Card No. \_\_\_\_\_ Expiration \_\_\_\_\_

Signature \_\_\_\_\_

*Mail checks to Illinois Chapter ASHRAE, P.O. Box 428020, Evergreen Park, IL 60805. Fax credit card orders to 708-424-5804.*

### 2009-10 Sponsorship Packages

*Check One*

Platinum Sponsor Plan **\$5,000**

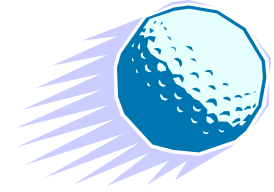
Gold Sponsor Plan **\$2,500**

Silver Sponsor Plan **\$1,250**

Green Sponsor Plan **\$650**

Friend **\$500**

Golf Only **\$600**



# ASHRAE 2009 Fall Outing

*This year's event will fill up quickly, so it's time to make your ASHRAE Fall Outing reservations. The number of foursomes is limited!*

Golfers and non-golfers are all welcome! Golf and the dinner banquet provide opportunities for all ASHRAE members to get involved. There will be plenty of activities on and off the course. We will end the day with the traditional dinner banquet and prize giveaway, featuring a bigger and better prize table. Dinner is buffet-style, all-you-can-eat.

**When:** Thursday, September 17, 2009

**Golf Format:** 4-Person Scramble

**Golf:**

9:30 a.m. – Shotgun Start (2 courses)

**Cocktails:**

3:30 p.m. – Cocktails

**Dinner** (All-you-can-eat buffet):

4:30 p.m. – Banquet & Prizes

**Activities:**

Golf

Dinner

Games & Prizes

**Where:**

St. Andrews Golf Club  
3 North 441 Route 59  
West Chicago, Illinois  
Phone: 630-231-3100

**Golf:**

We are repeating the 4-person "scramble" format. Sign-up your scramble teams today, 4-person teams, pairs, or singles are all welcome. Singles and pairs will be matched into teams. Final team assignments will be confirmed before the event.

Pricing: \$ 160.00 / Individuals \$ 640.00 / Foursome  
Charge includes: Greens Fees, Golf Cart, Dinner & Prizes

**Maybe Just Dinner:**

We are again offering the option of dinner only for non-golfers. All members are invited to attend the cocktail and banquet portion of the event following golf. Just RSVP to register.

Pricing: \$ 60.00 / Attendee  
Charge includes: Dinner Only

**Send in your reservation form soon.**

Please contact the Golf Committee Chairman with any questions, concerns, or comments:

Joe Kurcz  
Midwest Applied Solutions, Inc.  
(708) 540 - 4555  
jkurcz@midwestapplied.com



# ASHRAE FALL OUTING SIGN-UP SHEET

Please complete and mail this sign-up sheet, along with your check payable to **Illinois Chapter ASHRAE** for the full amount of your group's fees. Sign-up sheets should be mailed to:

**ASHRAE Fall Outing**  
**Joe Kurcz**  
**c/o Midwest Applied Solutions, Inc.**  
**30 N. Wolf Rd, First Floor**  
**Hillside, IL 60162**

You may also e-mail [jkurcz@midwestapplied.com](mailto:jkurcz@midwestapplied.com) or fax this sheet to (708) 540-4556 and mail the check at a later time. Please be sure to check the box marking your interest in either Golf or Dinner Only. **Companies that wish to make group reservations for more than 2 foursomes** should contact **Joe Kurcz**, one of the Golf Outing co-chairmen, for special reservation instructions and assistance.

Single, twosome, and threesome golfers please note if your name/group is to be linked with another group of golfers in the "notes" section below.

	Golf ( \$160.00/Person)	Non-Golfer Dinner Only ( \$ 60.00/Person)
Name(s): _____	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>

Group Contact Name \_\_\_\_\_ Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Notes/ Special Requests: \_\_\_\_\_

My check for \$ \_\_\_\_\_ is enclosed.

Please charge my credit card: \_\_ American Express \_\_ MasterCard \_\_ VISA

Credit card number: \_\_\_\_\_ Expires \_\_\_\_\_

Signature: \_\_\_\_\_



**ASHRAE**  
**CHAPTER/REGIONAL TECHNOLOGY AWARD APPLICATION**  
**SHORT FORM**  
(8/18/09)

**INTRODUCTION:**

*This Short Form has been developed to stimulate more participation in chapter and regional competition. **This form is not intended to replace the full Society Technology Award Application form.** Regional winners using the short form will be required to complete the full Technology Award Application form before their applications can be forwarded for Society Competition. (This form does not require extensive narrative, plans or photographs.)*

**INSTRUCTIONS:**

- A. The individual submitting the Technology Award Application must be a current member of ASHRAE who had a significant role in the design or development of the project.
- B. Complete the "Short Form" and use it as the cover page.
- C. Attach a brief narrative (maximum of 5 pages). The narrative should include the gross and net building areas applicable to the project; a description of the major building areas (i.e., operating rooms, laboratories, computer rooms, industrial processes, offices, warehouses); and a brief discussion along with schematic diagram, as necessary, regarding the following five criteria (if a criterion is not applicable, state accordingly):
  - Energy Efficiency
  - Indoor Air Quality
  - Innovation
  - Operation & Maintenance
  - Cost Effectiveness
  - Environmental Impact
- D. **By Thursday, October 1, 2009, please submit 3 copies** of your schematic, brief narrative, and completed form to Thomas Kroeschell, 931 Woodbine Lane, Northbrook, IL 60062-3440, if submitting by mail. Submittals also may be sent digitally via email to: [trkpe@aol.com](mailto:trkpe@aol.com), for judging at the chapter level in accordance with their instructions.
- E. Winners from the chapter competition may submit their application to the Regional CTTC RVC Chair. Submit the appropriate number of copies as requested by your Regional RVC.
- F. It is highly recommended that each entrant confirm by letter (and retain a copy for record) to the owner that the owner has granted permission to submit this project to competition.

**Please note the following submission schedule for the awards:**

- **The deadline for submittals is October 1, 2009**
- **Judging will be completed by about November 16, 2009**
- **Awards will be presented on December 8, 2009**

NOTE: Technology Awards are a prestigious honor for efficient energy use in buildings and environmental system performance. While the awards do not certify responsible charge or professional license status, they do recognize outstanding design innovation and successful implementation.

# CHAPTER/REGIONAL TECHNOLOGY AWARD - SHORT FORM

**1. Category (Check one and indicate New or Existing, if applicable)**

- |  |   |
|--|---|
| <input type="checkbox"/> Commercial Buildings                    | <input type="checkbox"/> New or <input type="checkbox"/> Existing |
| <input type="checkbox"/> Institutional Buildings                 | <input type="checkbox"/> New or <input type="checkbox"/> Existing |
| <input type="checkbox"/> Health Care Facilities                  | <input type="checkbox"/> New or <input type="checkbox"/> Existing |
| <input type="checkbox"/> Industrial Facilities or Processes      | <input type="checkbox"/> New or <input type="checkbox"/> Existing |
| <input type="checkbox"/> Public Assembly                         |   |
| <input type="checkbox"/> Residential                             |   |
| <input type="checkbox"/> Alternative and/or Renewable Energy Use |   |

**2. Name of Building or Project:**

**City/State:**

**3. Project Description:**

**Project Study/Design Period:**

**Has the project been completed? Yes                      No**

**If YES, date completed:**

**If NO, scheduled date of completion (or other explanation):**

**4. Entrant (ASHRAE member with significant role in project) If multiple entrants, all must be listed.**

**a. Name:**

*Last*

*First*

*Middle*

Membership Number:

Chapter

Region:

**b. Address (including country):**

*City*

*State/Province*

*Zip/Country Code*

**c. Telephone: Office**

**d. E-mail address:**

**e. Company:**

**f. Member's Role in Project:**

**g. Member's Signature:**

**5. Engineer of Record:**

By affixing my signature above, I certify that the information contained in this application is accurate to the best of my knowledge. In addition, I certify that I have discussed this entry with the owner and have received permission from the owner to submit this project to the ASHRAE Technology Awards Competition.