

# The Central New Yorker ASHRAE Newsletter

The CNY Chapter of the American Society of  
Heating, Refrigerating and Air Conditioning Engineers

## The President's Message

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This is the last Newsletter of the year. We elected our Board of Governors for the 2011/12 year at last month's program and they will be installed at the May Program. When I started participating on the Board 6 years ago I was told the Board is made up of Manufacturers' Reps and that there was little participation by the Consulting Engineering side of the HVAC Community. If that was ever in fact the case it has in deed changed over the past few years. Next year's Board has representatives for all segments of our industry, including; Design Engineers, Owner's Facility Engineers, Manufacturer's Reps, Contractors, and Manufacturers. Again we appreciate everyone's participation and the support they receive from their Companies.

We handed out our annual Scholarships to college students that are ASHRAE Members and interested in pursuing a career in the HVAC industry. If you know any students practicing engineering at one of the areas Engineering schools interested in the HVAC industry please let them know about the scholarships we offer and they can apply next year.

The Clambake is June 9<sup>th</sup> this year and tickets can be purchased through Bonnie at Syracuse Thermal or on line at Paypal, Please use Pay pal for orders of 10 or more tickets. The Thursday Clambake is followed by Monday Annual Golf Tournament at Fox Fires. Information on both events are in this newsletter.

While participating on the Board it has been my privilege to work with a great group of people whose participation is representative of their greater interest of improving themselves and the world around them. While it is not always easy finding the time to participate, I can easily say it has been worth it. There are many worthy places to volunteer and participate and whether it is on the CNY ASHARA Board or the Boy's and Girls' Club I encourage anyone to participate, it is good for the community you live in, it is a good example for kids and young professionals; and one of the key elements in making our society successful and prosperous.

Thank you for all of the support and encouragement I have received while being president. Hope to see you at the Clambake and the Golf Tournament.

*Rae Butler, CNY Chapter President*

### ASHRAE Monthly Meetings: Meeting Date is May 11.

Tour of Fulton Boiler Plant See next page for Details.

**Cost:** \$25.00 per person.

**Reservations:** Mark Yonnick can be reached at

*Office:* (315) 298-8516, *Cell:* (315) 935-5080

*E-mail:* mark.yonnick@fulton.com

**We have a new website address:** <http://www.cnyashrae.org>, this can be used to make reservations and chapter information.

*Statements made in this publication are not expressions of the Society or of the chapter and may not be reproduced without special permission of the chapter.*

# 2010/2011 CNY ASHRAE Programs

**May 11, 2011**

Installation of Officers

**Event: Tour of the Fulton Boiler Company Facility**

972 Centerville Road, Pulaski, NY

Speakers: Mark Yonnick and Erin Sperry

Wednesday, May 11<sup>th</sup> is the scheduled factory tour at The Fulton Companies facility on Centerville Road in Pulaski. There will be a brief presentation regarding their presence as a longtime Upstate New York boiler manufacturer and the exciting 100,000+ square foot building expansion that is currently underway. Dinner and installation of the 2011 - 2012 CNY Chapter Officers will be held immediately following the tour at the River House Restaurant in Pulaski (approx. 3 miles from the factory).

Please consider the approx. 35 minute drive from Syracuse to Pulaski when planning your schedules.

Note: Close-toed shoes are required. Fulton will provide hard hats for the tour.

The tour and dinner will be limited to 25 people. Please register early to avoid being closed out and plan on arriving by 5:15pm as the tour will start promptly at 5:30. Please enter the main lobby at Fulton's current Centerville Road facility and we will then go next door to start the tour.

We kindly ask you contact Mark Yonnick at The Fulton Companies by Wednesday, May 4 if you are planning to attend, so we can prepare for both the presentation and dinner accommodations.

Mark can be reached at:

Office: (315) 298-8516, Cell: (315) 935-5080

E-mail: mark.yonnick@fulton.com

We strongly encourage you to pay in advance with a credit card through the Chapter web site using PayPal. A PayPal account is not required. If you prefer you may still pay at the door with cash or check.

Directions from Syracuse to Fulton Company:

- Take 81 North to exit 36 NY 13 S/Rome Rd.
  - Turn right on NY 13 S/Rome Rd.
  - Turn left on County Route 2A
  - Take second right onto Centerville Road
  - Fulton Companies Facility will be on the left
- Please consider the approx. 35 minute drive from Syracuse to Pulaski when planning your schedules and we look forward to you joining us for a great event.

**Click on the link below for an image of google maps to Fulton Companies Facility:**

[http://maps.google.com/maps?f=q&source=s\\_q&hl=en&geocode=&q=972+Centerville+Road,+Pulaski,+NY&aq=0&sl=43.165867,-76.336755&sspn=0.007653,0.013046&ie=UTF8&hq=&hnear=972+Centerville+Rd,+Pulaski,+New+York+13142&ll=43.55141,-76.093884&spn=0.060838,0.10437&z=13](http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=972+Centerville+Road,+Pulaski,+NY&aq=0&sl=43.165867,-76.336755&sspn=0.007653,0.013046&ie=UTF8&hq=&hnear=972+Centerville+Rd,+Pulaski,+New+York+13142&ll=43.55141,-76.093884&spn=0.060838,0.10437&z=13)

**June 9, 2011**

66<sup>th</sup> Annual Clambake at Hinerwadel's Grove

**June 13, 2011**

13<sup>th</sup> Annual RP Golf Tournament



March, 2011

## SYRACUSE, NY: SUNY College of Environmental Science & Forestry

The SUNY College of Environmental Science and Forestry announces its SPARE: Solar Power As Renewable Energy, courses for 2011.

Photovoltaic or solar power is an ever expanding technology and source of power-yes, even here in Central New York. Stimulus money, grants, user need and concern for the environment "fuel" the movement towards installing solar panels on residential and commercial buildings. Just recently the Syracuse Post Standard did an article about a large solar field erected in Liverpool, NY.

You might already know that starting June 30, 2011 NYSERDA is requiring that all PV Installers in NY State who want to offer NYSERDA incentives must become NABCEP certified. Current installers will not be grandfathered. Taking an installation course is part of that certification.

SUNY College of Environmental Science and Forestry, right here in Syracuse, offers NABCEP recognized training in basic and advanced installation. Our instructor, Dr. Gay Canough, is a certified master trainer and owner of a solar installation firm.

Our 4-day **Basic** Photovoltaic Installer Course is board-recognized by the North American Board of Certified Energy Practitioners (**NABCEP**). In this course students will learn the basics of how to site, design and install photovoltaic (PV) systems. The course includes sizing systems for both grid-connected and off-grid PV systems. Also, the solar resource and the problems associated with shading, orientation and tilt will be reviewed. Basic sizing and system design in relation to electrical load will be discussed. Safety practices for installers and the study of the electrical code for PV systems will be covered in some detail. Students will learn about various mounting systems for PV arrays and how they affect roofs. As part of the class, students will build a working PV system. The successful SPARE participant should have either a high school diploma or a GED. Men and women in the HVAC, electrical and ironworker trades are particularly encouraged to explore this value-added training.

Our advanced course is a hybrid of online and onsite course work and is for professionals with prior experience in PV installation or for people who have taken our Basic SPARE course. It focuses on commercial installation. Students will complete the online course work over a one month time period using Blackboard, a web based course management system, and then attend a one day onsite class.

Please check out the website ([www.esf.edu/outreach/pd/spare/](http://www.esf.edu/outreach/pd/spare/)) for more information regarding the course. You will find that our course fees are very reasonable. Registration is open right now.

Feel free to drop me an email or phone if you have any questions.

Sincerely,

*Maura Hartling Skiff*

**Advanced:** September 4- October 4, 2011 online and onsite in Syracuse- hybrid

**Basic:** September 12-15, 2011 to be held in Syracuse, TBA

Engineers can earn pdh's for these as well.

Next Advanced Class begins May 7, 2011 with an onsite class June 7th in Syracuse!

The May Basic course will be held May 9-12th at Onondaga Community College, Syracuse.

# Advertisement

## EMPLOYMENT OPPORTUNITY

**JOB TITLE:** Applications Engineer  
**REPORTS TO:** Commercial Heating Product Mgr  
**COMPANY:** Industrial/Commercial  
**POST DATE:** APRIL 14, 2011

### JOB OVERVIEW

Provide applications engineering to maximize sales, profit and overall customer satisfaction.

### TASKS & RESPONSIBILITIES

Review specifications and advise technical feasibility.  
Provide application and design engineering for a wide range of product systems.  
Provide price quotations for any and all nonstandard products and systems.

Support Product Manager in all aspects of selling Fulton equipment such as:

Engineering

visits and presentations, conduct product training, provide field support, conduct marketing studies, review cost data and other duties as assigned.

Assume responsibility for the proper handoff of an order to Customer Service. Ensure match of customer and manufacturing requirements. Identify all special order or customer supplied components. Assume responsibility for drawing accuracy.

Provide technical support and guidance to the production department as it relates to the jobs that you engineered.

### MINIMUM REQUIREMENTS

PC literate; independent judgement; strong communication skills; piping instrumentation; public speaking ability; willingness to travel; minimum of two year technical degree with extensive system design (steam and/or hydronics); BS Mechanical Engineering preferred;

### FULTON VALUES EMPLOYEES WITH HEART

Honesty and integrity

Effective and results oriented

Always customer focused

Respectful and considerate

Team player

### ACKNOWLEDGMENT

I acknowledge that I have read and understand the job description and requirements of the position and I certify that I can perform these functions.

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

Date: \_\_\_\_\_

HR Manager Signature: \_\_\_\_\_

Date: \_\_\_\_\_

*DISCLAIMER: This is not to be construed as an employment contract. This is only to be used as the description of the job being performed.*

# Advertisement

## EMPLOYMENT OPPORTUNITY

**JOB TITLE:** 2) Project Engineers  
**REPORTS TO:** Commercial Heating Product Mgr or Lead Steam Applications Engineer  
**COMPANY:** Industrial/Commercial  
**POST DATE:** APRIL 13, 2011

### JOB OVERVIEW

To be a technical liaison for coordination between Customer Service, Applications Engineering, Production Planning and manufacturing for the successful completion of customer orders, including documentation and follow up.

### TASKS & RESPONSIBILITIES

Assume responsibility for drawing accuracy. Some CAD work required.  
Check customer purchase orders against Fulton acknowledgements for accuracy and feasibility.  
Assume responsibilities for ensuring projects are of high quality, profitable and built according to what was quoted, what the customer ordered and that all aspects of the project are in compliance with relevant codes.  
Provide technical support and guidance to the production department.  
Organize submittal packages for engineered jobs.  
Assume responsibility for ASME calculation requests and OSD (off-standard deviation) projects.  
Size, order, inspect and approve special order parts for engineered jobs.  
Inspect and sign off on finished equipment prior to shipment.  
Coordinate shipments and deliveries with customer service and production planning departments.  
Other engineering related duties as assigned.

### MINIMUM REQUIREMENTS

Strong communication skills  
Understanding of basic piping instrumentation  
Two year degree or equivalent experience

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Team player

### ACKNOWLEDGMENT

I acknowledge that I have read and understand the job description and requirements of the position and I certify that I can perform these functions.

Applicant Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

HR Manager Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

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# Advertisement

## EMPLOYMENT OPPORTUNITY

**JOB TITLE:** R&D Engineer  
**REPORTS TO:** Senior Product Engineer or Director of Product Development  
**COMPANY:** Industrial/Commercial  
**POST DATE:** APRIL 13, 2011

### JOB OVERVIEW

Develop, implement and manage activities related to new products.

### TASKS & RESPONSIBILITIES

Design and development of new products, including start-to-finish project management for each product in the pipeline  
Overall management of multiple projects to ensure quality, budgetary and timeliness expectations are met  
Strategic planning in response to industry needs

### MINIMUM REQUIREMENTS

Three (3) years experience in relevant environment, preferably product development  
Proven organizational and project management skills  
BS Mechanical Engineering, or similar degree preferred

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Respectful and considerate  
Team player

### ACKNOWLEDGMENT

I acknowledge that I have read and understand the job description and requirements of the position and I certify that I can perform these functions.

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

Date: \_\_\_\_\_

HR Manager Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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## ***THIRTEENTH*** ANNUAL RESEARCH PROMOTION GOLF TOURNAMENT – SHOTGUN START 12:00PM

*You are cordially invited to attend the Thirteenth Annual CNY ASHRAE Research Promotion Golf Tournament.*

Monday, June 13, 2011 at Foxfire Golf & Country Club

Your \$75.00 entry fee includes:

18 Holes of Golf

Golf Cart

Hot dog or Hamburger and soda or draught beer at the turn

Italian Oven Roasted Chicken or Grilled Sicilian Sausage with peppers & Onions

Format will be Captain and Crew. We will assign you to a Crew if you don't have a foursome you wish to play with.

A skins game will be held for the benefit of ASHRAE Research. Cost is \$ 40 per team. Half of all proceeds will be awarded as prizes and the remainder will be donated to ASHRAE Research.

Prizes will be awarded for:

First Place

Closest to the Pin (2 holes)

Longest Drive (2 holes)

### **Corporate Sponsorships:**

For \$125.00 we will promote your company or firm on one of the 18 holes on the golf course. SAVE BIG by sponsoring a hole and a foursome for \$400 total! Provide us with your company logo and we will have a sign at the tee area promoting your business. We will also include your firms name in all promotional material circulated for this event. Your company will also receive mention in the ASHRAE Research Annual Report and Honor Roll and receive a commemorative coin recognizing your contribution to ASHRAE Research.

This is sure to be one of the top golf outings of the year. We are limited to 120 participants, so please send your entry form in early to reserve your spot! **We will need everyone who is planning to attend register no later than June 6<sup>th</sup>, 2011.**

FOURSOME Please select from the following:

1  1 person @ \$75

Hole sponsorship only @ \$125

2  2 people @ \$150

Hole sponsorship and foursome @ \$400 (SAVE!)

3  3 people @ \$225

4  4 people @ \$300

FAX or E-MAIL SIGN-UP FORM TO:

Jim Walker 471-2045 (jwalker@rfpeck.com)

MAKE CHECKS PAYABLE TO:

Central New York ASHRAE

MAIL CHECKS TO:

Central New York ASHRAE

Attn: (ASHRAE Golf)

PO Box 2396

Syracuse, NY 13220



## Time is Running Out

Register online now at [www.ashrae.org/GHPWebcast](http://www.ashrae.org/GHPWebcast)

Hear from leading experts on how HVAC system and ground characteristics affect ground heat exchanger design, how to enhance ground source heating design system efficiency, and how to avoid design and operations pitfalls. Get the solutions to these topics and more by participating in this free webcast sponsored by ClimateMaster, Mammoth, Taco, the International Ground Source Heat Pump Association, and the ASHRAE Foundation.

Earn Continuing Education Credits



The webcast program has been approved for continuing education credits by the American Institute of Architects (AIA) and the US Green Building Council (USGBC). The State of NY recognizes AIA course approval. Three (3) Professional Development Hours or three (3) AIA Learning Units may be awarded to participants who complete the "Participant Reaction Form" online **by May 5, 2011**.

For information about the presenters, program, and continuing education credits, visit:  
[www.ashrae.org/GHPWebcast](http://www.ashrae.org/GHPWebcast). If you have questions, call 678-539-1200 or  
email: [ashrae-webcast@ashrae.org](mailto:ashrae-webcast@ashrae.org).

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*The CNY Chapter is now accepting business card advertising in this monthly newsletter: Send us your business card (or text for a line card) and we'll scan it in and for \$50 your card will run in the newsletter for the year. Send your ad and payment to: ASHRAE Newsletter, Advertising, P.O. Box 2396, Syracuse, NY 13220*

*If you have a digital card (or questions), email it to Michael Kingsley: [Michael.L.Kingsley@saic.com](mailto:Michael.L.Kingsley@saic.com).*

# The 66<sup>th</sup> Annual CNY ASHRAE Clambake

Hinerwadel's Grove, North Syracuse

*Fun, Food, Games and Raffles!*

Please join us on Thursday, June 9, 2011. The activities begin at 4:00 p.m. and run until 8:00 p.m. The bake is a continuous buffet which includes the following plus a whole lot more.

- steamed clams, raw clams, shrimp
- clam chowder, salt potatoes, fried chicken
- barbecued beef and pork sandwiches
- roast pig at 6:00 p.m.
- steamship round at 7:00 p.m.
- desserts
- beer and soft drinks

The ticket price is only \$43 per ticket and are available starting May 1. Please contact Bonnie Henderson  
C/o Syracuse Thermal Products at (315) 437-7321.

If you wish to use the Chapter PayPal service to pay for tickets, visit <http://centralnewyork.ashraechapters.org> and click on the box to buy Clambake tickets. *Tickets on Pay pal are for orders of 10 minimum and are \$44.*

Arrangements: Pick tickets up at Syracuse Thermal or arrange through Rae Butler before the clambake.

Mail checks payable to: CNY Chapter ASHRAE and **send** to:  
Syracuse Thermal Products, Inc.  
P.O. Box 398  
East Syracuse, New York 13057