



Bi-State Chapter

ASHRAE American Society of Heating, Refrigeration, and Air Conditioning Engineers

MEETING NOTICE Wednesday February 10, 2010 Membership Promotion Night

2 PDH FOR ATTENDEES

Presentation: Controlling Condensing Boilers. Bob Barrett, Wallace Eannace Associates, will talk about prioritizing boiler system energy savings while keeping controls simple. Items that will be covered include: reasons for typical system design temperatures, thermodynamic relationship between the outside air and space temperature, outside air reset control, low temperature control valves and non-condensing boiler control, boiler heat losses, condensing boiler efficiency curves, analysis of a condensing boiler system using New York City weather bin data, analysis of a primary variable speed pumping system using NYC weather bin data, comparison between the two and of integrating the two approaches, material requirements for condensing boilers, and construction details.

Presentation: Expanding the Capacity of an Existing Central Chilled Water Plant by Increasing Design Temperature Differential. Evans J. Lizardos, P.E., LEED AP, founder and president of Lizardos Engineering Associates, P.C., a mechanical/electrical consulting engineering firm located in Mineola, NY, will talk on expanding the capacity of an existing central chilled water plant by increasing design temperature. The presentation will describe how much capacity can be increased utilizing existing building chiller and piping mains. Various piping configurations will be illustrated showing where chillers shall be installed into existing systems to increase the capacity of the system. Series flow chiller calculations will be touched on as well.

PLACE: Casa Rina, 886 Commerce Street, Thornwood, NY 10592

PROGRAM: 5:30 – 6:00 PM Attitude Adjustment Time
6:00 – 7:30 PM Buffet Dinner/Presentation
7:30 – 8:30 PM Presentation

COST: \$25 Members, \$30 Non-Members, ***Engineering students: Complimentary admission!***

Directions to Casa Rina:

From Saw Mill Parkway - North or South. Exit at Marble Avenue - Exit # 27. Make right - continue to second traffic light. Make right onto Commerce Street. **CASA RINA** is the second house on your left. Parking is on your right.

THE GENERAL PUBLIC IS INVITED AND ENCOURAGED TO ATTEND

**Please make reservations by noon Monday, February 8, 2010 by contacting either:
Steve LePorisz, sleporisz@collado-eng.com
or Dennis LaVopa, lavopa@aol.com**

**For info about the Bi-State Chapter and future events please visit our web site at:
<http://www.ashraebistate.org>**

Please post on your company bulletin board.