



# Bi-State Chapter

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

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## MEETING NOTICE Wednesday October 12, 2011 Sustainability

### 2 PDH FOR ATTENDEES

**MAIN PRESENTATION:** Absorption vs. Electric Chiller Technologies. Evans J. Lizardos, P.E., LEED AP of Lizardos Engineering Associates, P.C. will be presenting on absorption vs. electric chiller technologies. He will introduce a simplified method of evaluating these two chiller technologies and thereby avoid a detailed time consuming analysis.

**TECH SESSION:** Application of Mixed or Hybrid Boiler Systems for Energy Efficiency. Tom Neill, Supervisor of Project Engineering for Mestek, will be presenting on the application of mixed or hybrid boiler systems for energy efficiency. This presentation will consist of a review of traditional and modern boiler sizing methods as a function of building load and standby capacity. It includes a review of boiler efficiency definitions and measurement methodologies. The second segment discusses increasing boiler and system operating efficiency with reduced temperature operation and boiler base loading. The presentation includes information on the identification of boiler types, sensible and condensing, and the supporting control strategies for optimizing efficiency and energy reduction. The lecture concludes with selection and comparison of boiler equipment for hybrid systems, cost analysis and potential savings.

**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/Tech Session  
7:30 – 8:30 PM Main Presentation

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

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**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.

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**THE GENERAL PUBLIC IS INVITED AND ENCOURAGED TO ATTEND  
WALK-INS WELCOME**

**For questions about the program  
Nick Salomone, [ashraebistate@gmail.com](mailto:ashraebistate@gmail.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.**