



# ASHRAE NEWSLETTER

THE JOURNAL OF THE NASHVILLE CHAPTER OF ASHRAE

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## December 2002 Chapter Meeting

**DATE:** **TUESDAY, December 10<sup>th</sup>**  
**LOCATION:** **Tennessee Engineering Center  
(Cumberland Science Museum)**  
**MEETING TIME:** **11:30 AM – 1:00 PM**  
**11:30 Lunch – Cost = \$15.00**  
**12:00 Presentation**

**GUEST SPEAKER: Andrea Gilchrist Kallas, Johnson Controls, Inc.**

**PRESENTATION TOPIC: Leadership in Energy and Environmental Design**

### BIOGRAPHY

Andrea Gilchrist Kallas has been a construction sales engineer with Johnson Controls, Inc. for over six years. She earned her bachelors degree in mechanical engineering from Auburn University in 1992 and her masters degree in mechanical engineering from Auburn University in 1995. She will share experiences from her participation in the LEED Green Building Rating System. LEED was created to promote integrated, whole-building design practices as well as to establish a common standard of measurement in defining a "green building". An experienced panel will discuss actual field studies.

**PLEASE RSVP TO BECKY HACKETT at (615) 620-1080 or [becky.hackett@york.com](mailto:becky.hackett@york.com).  
NO LATER THAN 10:00 A.M. THIS FRIDAY!**

### PRESIDENT'S MESSAGE

Dear Members:

Have you ever stopped to consider the future of our industry? While many aspects of our profession do include simply crunching the numbers in order to determine proper pipe sizing or duct sizing for a certain application, it is not always so simple to establish the best design criteria for a given application. Just consider the growing sophistication and complexity of the controls systems that are on the market. Also, consider the building skin, the lighting and the usage of the building. By coordinating all these aspects with a central focus on energy savings, we've progressed beyond the simple use of your air duct calculator or pipe size calculator.

The LEED (Leadership in Energy and Environmental Design) [Green Building Rating System\(tm\)](http://www.usgbc.org) is a voluntary, consensus-based national standard for developing high-performance, sustainable buildings. It provides a complete framework for assessing building performance and meeting sustainability goals. As engineers, we are responsible for educating ourselves on what we can do. I hope to see you there.

Roger J. Wehby  
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**ASHRAE - Nashville Chapter**  
Website - <http://www.ashraenashville.org>