

**Association of Energy Engineers**  
www.aetarheel.org

**Tarheel**



**Chapter**

**Association for Facilities Engineering**  
www.afechapter68.com

**Capital** **AFAE** Association for  
**FACILITIES** **Chapter**  
**ENGINEERING**

**Happy AUGUST, 2003**

**Meetings-**

Special thanks to Mark Bingham of James M. Pleasants Company for sharing **Air Control in Hydronic Systems at our April 2003 Meeting.**

Special thanks to Mr. Charles Parrish, Professional Engineer with the Industrial Extension Service (IES) at North Carolina State University. He shared **ISO 14001 AND HOW IT IS UTILIZED TO FOCUS ON ENERGY at our June 2003 Meeting.**

**Wanted: National and Local Members**

Several have asked about joining AEE. There are 2 levels of membership, National and local. To join National, go to [www.aeecenter.org/membership](http://www.aeecenter.org/membership) and you can join national and local memberships. National dues are \$155 and local chapter dues are \$25. If you just want to join the Tarheel AEE, write Bill Gilbert at [bgilbert@johnston.k12.nc.us](mailto:bgilbert@johnston.k12.nc.us) and he will send you a local member application. The national web site gives you all the benefits of being a national member.

**The TARHEEL CHAPTER was SUCCESSFUL..... AEE SCHOLARSHIPS were awarded to: Janelle Connor, Richard Rollings, Rob Rutherford, Timothy Turner (\$ 500 each) and one scholarship for \$1,000 to Christine Maurer.**

SEPTEMBER PROGRAM: **Want to learn about Building Commissioning?**

Come to the meeting, **Monday, Sept. 8, 2003**

to find out. Presentation at exactly 6:30pm

**Location:** Ramada Inn, Blue Ridge Road

**Time:** 5:45 – 6:30 PM Social

**Program:** 6:30 PM

**Presenter:** Mr. Carl Lundstrom

Mr. Lundstrom is the Vice President of Facility Services for the Atlanta office of EMC Engineers, Inc., with specialized experience in the areas of commissioning, retro-commissioning, and building automation system. He has a BS degree from Central Michigan University, and is a registered Professional

Mechanical Engineer in Georgia. Mr. Lundstrom is on the Board of Directors for the Building Commissioning Association and is also founding member and treasurer of the BCA Southeastern chapter. Mr. Lundstrom has worked with the State of Georgia to prepare the recommended guidelines for building commissioning for the State Construction Manual. Mr. Lundstrom has also taught building automation system courses for the College of Engineering Continuing Education Department at the University of Wisconsin for over 10 years.

**Program:** September's meeting of the Tar Heel Chapter of the Association of Energy Engineers (AEE) will investigate how *retro-commissioning* can significantly improve building performance. *Retro-commissioning* when appropriately applied goes beyond quick-fix solutions to systematically optimize building systems so that they operate efficiently and effectively, often eliminating the need for costly capital improvements. Not only does *retro-commissioning* identify problems that occurred at construction just as traditional commissioning does, but it also identifies and solves problems that have developed during the building's life. A key goal of *retro-commissioning* is achieving this efficient operation. *Retro-commissioning* seeks to ensure the functionality of equipment and systems and also to optimize how they operate together in order to reduce energy waste and improve building operation and comfort.

**Slate of Officers**

The slate of officers for 2003 include:

Pres.	Jack	<a href="mailto:AJT05@doc.state.nc.us">AJT05@doc.state.nc.us</a>	(919)838 3504
V President	Allen	<a href="mailto:ashrum@johnston.k12.nc.us">ashrum@johnston.k12.nc.us</a>	
Secretary	Eric	<a href="mailto:eric_soderberg@ncsu.edu">eric_soderberg@ncsu.edu</a>	
Treasurer	Bill	<a href="mailto:bgilbert@johnston.k12.nc.us">bgilbert@johnston.k12.nc.us</a>	
Member Chair	Jim	<a href="mailto:jhaven@nc.rr.com">jhaven@nc.rr.com</a>	
Program Chair	Darrel	<a href="mailto:darrel.l.hurlbut@jci.com">darrel.l.hurlbut@jci.com</a>	
Scholar Chair	Walt	<a href="mailto:walterjohnston@mindspring.com">walterjohnston@mindspring.com</a>	
P President	Bill Gilbert		

**SPECIAL THANKS TO Mr. Walter Johnston.** He did a WONDERFULLL JOB AT OUR AUGUST picnic. Besides the great golf and swimming the menu included: Steak, veggies, beverages, and dessert plus interesting conversation.