

Association of Energy Engineers
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Tarheel



Chapter

Association for Facilities Engineering
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Capital



Chapter

March 11 Meeting Summary

Many thanks to Ken Hanshaw of Johnson Controls, Inc. for a very fine presentation to the 24 members and guests at our March meeting. The program was well received and gave a thorough overview of the need for a maintenance strategy and the financial impact of various strategies. Thanks again, Ken, for a job well done.

Welcome to new member Scott Sousa, Project Engineer with Invensys Energy Solutions in Raleigh. We hope you not only add value to Tarheel AEE, but that you receive value from your association with the organization.

Reminders

1. Mark your calendars for **June 10, 2002** for the 1st **Annual HVAC Expo** to be held at the McKimmon Center in Raleigh. We will have a day of exhibits with new and improved technologies plus speakers to present awareness sessions. The day will be followed by a keynote speaker on Building Commissioning. Look for more info and registration materials to arrive soon.
2. There are five group homes that our charity, the Methodist Home for Children, has asked for energy audits be performed. If you are interested and qualified, write Bill Gilbert at bgilbert@johnston.k12.nc.us.

Officers

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Next Meeting: Monday, April 15, 2002, 6:00 PM

Location: Western Wake Fire/Rescue Department

4021 District Drive, Raleigh, NC

Title: Alternative Fueled Vehicles

Presenter: Eric Soderberg, North Carolina State University IES

Taxes take a bite out of your budget? Fuel bills for vehicles getting out of control? Tired of the gas-guzzler you're driving? Need a change of pace and really want to become energy and environmentally conservative and friendly? Don't miss the April meeting when Eric Soderberg will give a presentation on Alternative Fueled Vehicles. He will give a presentation and then give you an opportunity to test drive an electric, natural gas, ethanol (E-85), and hybrid car.

This should give you some base knowledge and understanding of the potential for these different vehicles. Come to the meeting at Western Wake Fire & Rescue Department on Monday, April 15 and check it out. Please *RSVP* to Jim Haven (919)515-8511 or email at jim_haven@ncsu.edu.

Directions to Western Wake Fire Department

At the Wade Avenue, Blue Ridge Rd intersection, turn away from the Fairgrounds and Ramada Inn onto Blue Ridge. Take the first left onto District Drive, approximately 1/2 a city block. This street has the DMV and Highway Patrol buildings where you get driver license. Go to the end of the road and the fire station is on the left.

Eric Soderberg Bio

Eric Soderberg is an Engineering Extension Specialist, splitting his time between the Energy Management Program and the NC Solar Center. Eric's work with the Energy Management Program includes performing industrial energy surveys, coordinating energy workshops, and assisting industries in energy survey implementation. Eric also works for the NC Solar Center and serves as the state's Million Solar Roofs Initiative coordinator.

Before joining IES, Eric worked for the NC Department of Commerce, Energy Division and as an engineer for the Radian Corporation. His experience includes performing industrial energy surveys to identify energy conservation, waste minimization, and productivity improvements; evaluating the performance and economics of commercial and developmental flue gas desulfurization and nitrogen oxide control systems applied to utility boilers; evaluating the performance of the Department of Energy Clean Coal Technology FGD demonstration project; managing renewable energy projects; and conducting performance and cost analyses.

Eric has BS and an MS in Mechanical Engineering from NCSU. He is a member of ASME, AEE, the North Carolina Solar Energy Society, and the American Solar Energy Society. He is Past President of Tarheel AEE.