

# The 5th Annual North Carolina Sustainable Energy Conference

## OUR FUTURE NOW

### April 8-9, 2008

BROUGHT TO YOU BY:

State Energy Office



[www.energync.net](http://www.energync.net)

1-800-662-7131

N.C. Department of Administration "Ensuring a sustainable energy future."


### McKimmon Conference & Training Center NC State University, Raleigh, NC

North Carolina's energy future depends on the decisions we make today. Learn what local and national leaders are doing right now to strengthen our energy future. Join over 600 of your colleagues to...

#### Hear the very latest on critical issues such as:

- Current forces driving alternative energy
- The role of infrastructure and carbon emissions
- How new technology is making sustainable energy resources available and affordable now

#### Benefit from in-depth sessions focusing on:

- Public buildings and energy
- Mass transit and infrastructure
- Residential efficiency update
- Using schools to advance sustainability
- Renewable energy and carbon credits
- Renewable energy and energy efficiency portfolio standards update from our utilities
- New technology showcase 
- View the alternative fuel vehicle showcase

#### Platinum Sponsors



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North Carolina's  
Electric Cooperatives

Your Touchstone Energy® Cooperatives 



Rethink Tomorrow



#### Gold Sponsors

- Anderson/Vanguard Homes
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- Southern Energy Management

#### Friends

- Environmental Defense
- Corning

Coordinated by:



Register on-line at

<http://continuingeducation.ncsu.edu/sec.html>

# PROGRAM OVERVIEW

## April 8 - Conference General and Breakout Sessions

8:00–8:30 a.m.	Registration
8:30–8:45 a.m.	Welcoming Remarks and Introduction: Governor Michael Easley (invited)
8:45–9:30 a.m.	Plenary Session—Energy Efficiency: Kateri Callahan, President, Alliance to Save Energy; NC General Assembly Speakers (invited)
9:30–10:00 a.m.	Exhibit Hall Networking and Alternative Fuel Vehicle Showcase
10:00–11:45 a.m.	Breakout Sessions ( <i>indicate on your registration form which session you will attend</i> ) <ul style="list-style-type: none"><li>- Public Sector Transportation</li><li>- Green Building Case Studies</li><li>- Renewable Energy and Carbon Markets</li><li>- New Technology Showcase—NC Opportunities</li></ul>
11:45 a.m.–1:30 p.m.	Luncheon Speaker: Lloyd Yates, President, Progress Energy Carolinas
1:30–2:00 p.m.	Exhibit Hall Networking and Alternative Fuel Vehicle Showcase
2:00–3:45 p.m.	Breakout Sessions ( <i>indicate on your registration form which session you will attend</i> ) <ul style="list-style-type: none"><li>- Energy in Schools</li><li>- Residential Energy Efficiency</li><li>- REPS Legislation Update—NC Utilities and Others</li><li>- New Technology Showcase—Solar</li></ul>
4:00–6:00 p.m.	Special Presentation and Reception

## April 9 - Sessions – Public Agency Workshops

8:00–8:30 a.m.	Registration and Exhibit Hall Viewing
8:30–9:30 a.m.	Keynote Address and Public Sector Overview
9:30–11:00 a.m.	New Buildings Panel—Implementing Provisions of S.L. 2007-546
11:00 a.m.–12:30 p.m.	Existing Buildings Panel—Achieving 30% Reduction by 2015
12:30–1:30 p.m.	Lunch and Learn, Exhibit Hall
1:30–3:00 p.m.	REPS - Utility Programs for the Public Sector—Impacts of REPS Legislation
3:00–3:30 p.m.	Closing Address

### SPONSOR REGISTRATION

Sponsors benefit through increased exposure to conference attendees. Learn more about the benefits of being a sponsor of the 5th Annual North Carolina Sustainable Energy Conference by visiting [www.energync.net](http://www.energync.net).

Contact Peggy Walker at **919.715.0392** or [peggy.h.walker@ncmail.net](mailto:peggy.h.walker@ncmail.net) for more information.

**ALSO ON APRIL 9...**

## **ATTEND THE THIRD ANNUAL INDUSTRIAL ENERGY CONFERENCE**

**Energizing NC Industries Through Efficiency and Advanced Technologies**  
9:00 a.m.–4:30 p.m. – Registration at 8:30 a.m.

**McKimmon Conference & Training Center, NC State University,  
Raleigh, NC**

Interested North Carolina trade professionals are invited to participate in a full-day conference on innovative perspectives and applications in energy efficiency for manufacturers in the glass, chemical, forestry, mining and other energy-intensive industries.

This conference is crucial for North Carolina businesses to learn how the Renewable Energy and Energy Efficiency Portfolio Standard (REPS) will affect your industrial operations. You will also get an overview of the future costs of energy and will learn of state, federal and utility programs that can benefit your efficiency and innovation efforts.

A workshop on combined heat and power (CHP) will be followed by an afternoon workshop on energy efficiency.

### **Combined Heat and Power Workshop will cover:**

- The role of CHP in REPS legislation
- CHP technology and applications in the industrial, commercial, and agricultural sectors
- Measurement and verification - metering best practices
- New rules for interconnecting to the grid
- Renewable energy credit (REC) trading process; and
- Completing a RECs transaction with utilities

### **The Industrial Energy Efficiency Workshop will cover:**

- Brief summary of how industry will help meet the REPS through energy efficiency programs
- Utility programs for energy efficiency
- Opting out: what industries can do to receive energy efficiency credits

Lunch will be provided and is included in the registration fee.

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### **Brought to you by:**

North Carolina Solar Center at  
North Carolina State University



and  
The State Energy Office



In partnership with the State Energy Office, North Carolina Department of Administration, with State of North Carolina appropriated funds, in cooperation with the North Carolina Solar Center at NC State University.

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**Register on-line at <http://continuingeducation.ncsu.edu/sec.html>**

On-line registration deadline: April 4, 2008

**PAYMENT MUST BE INCLUDED WITH YOUR REGISTRATION FORM.**

**The 5<sup>th</sup> Annual North Carolina Sustainable Energy Conference • April 8–9, 2008**

McKimmon Conference & Training Center • North Carolina State University • Raleigh, North Carolina

**Register me for:**

Early Registration Fee ( <i>registration must be received by March 30</i> )	Late Registration Fee ( <i>registrations received after March 30</i> )
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- |  |                                |                                |
|--|--------------------------------|--------------------------------|
| <input type="checkbox"/> April 8 only                                | <input type="checkbox"/> \$89  | <input type="checkbox"/> \$129 |
| <input type="checkbox"/> April 9 only                                | <input type="checkbox"/> \$39  | <input type="checkbox"/> \$59  |
| <input type="checkbox"/> April 8 and 9                               | <input type="checkbox"/> \$109 | <input type="checkbox"/> \$139 |
| <input type="checkbox"/> Student registration - April 8 only         | <input type="checkbox"/> \$29  | <input type="checkbox"/> \$39  |
| <input type="checkbox"/> Student registration - April 9 only         | <input type="checkbox"/> \$19  | <input type="checkbox"/> \$29  |
| <input type="checkbox"/> Student registration - April 8 and 9        | <input type="checkbox"/> \$39  | <input type="checkbox"/> \$49  |
| <input type="checkbox"/> Yes, I plan to attend the April 8 Reception |                                |                                |

- On April 9 I plan to attend:  Public Agency Workshops  
 Industrial Energy Conference

**Your Priority**

**Code:** **S 8 2 6 W B**

To help us serve you better, please enter the code from your mailing label. Enter this code even if label is addressed to someone else. Thank you!

**If you are attending on April 8 you must select one session from each time slot below:**

**10:00-11:45 a.m.  
(please check one)**

- Public Sector Transportation
- Green Building Case Studies
- Renewable Energy and Carbon Markets
- New Technology Showcase—NC Opportunities

**2:00-3:45 p.m.  
(please check one)**

- Energy in Schools
- Residential Energy Efficiency
- REPS Legislation Update
- New Technology Showcase—Solar

First Name \_\_\_\_\_ Middle Initial \_\_\_\_\_ Last Name \_\_\_\_\_

Badge Name \_\_\_\_\_ Date of Birth\* \_\_\_\_\_

Company Name \_\_\_\_\_

Work Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Work Phone (include area code) \_\_\_\_\_ Fax (include area code) \_\_\_\_\_

E-mail Address \_\_\_\_\_

Name and Title of Manager Approving Training \_\_\_\_\_

\*In lieu of SSN, your date of birth is required as personal identifier for internal record keeping by this university.

**PAYMENT METHOD**

- PAYOR:**  Company  Self  
 VISA  MasterCard  American Express

Credit Card Number \_\_\_\_\_  
(list all numbers on card)

Expiration Date: \_\_\_\_\_ Amount \$ \_\_\_\_\_  
(required)

Cardholder's Name \_\_\_\_\_  
(please print)

Cardholder's Signature \_\_\_\_\_  
(required) (seal)

Check Enclosed (Do not fax)

Make check(s) payable to: **North Carolina State University**  
*Write the name(s) of the participant(s) on the face of the check.*

IDT (NC State University employees only)

OUC # \_\_\_\_\_ Project (FAS) # \_\_\_\_\_

**Submit payment and registration form to:**

Registration Coordinator, North Carolina State University,  
 Office of Professional Development, Box 7401,  
 Raleigh, NC 27695-7401 • Fax: 919.515.7614  
 Pat Hepler: 919.513.1938

**PLEASE DUPLICATE THIS FORM FOR MULTIPLE REGISTRATIONS.**  
 You may wish to make a copy for your records.

More than 600 attendees are expected at the 5th Annual North Carolina Sustainable Energy Conference. Reach this audience with a well-placed, highly-trafficked information booth!

## EXHIBITOR REGISTRATION

EONCSEC08

Register on-line at <http://continuingeducation.ncsu.edu/sec.html>

On-line registration deadline: April 4, 2008

NC State Government Agencies	\$295	Limit <b>one</b> space per agency Includes one registration and lunch
Non-Profit Organizations	\$395	Includes one registration and lunch
For-Profit Businesses	\$495	Includes two registrations and lunch

Exhibit space is 8' x 10' and includes 1 six-foot draped table, 1 power strip and electricity if needed.

*Additional exhibit spaces are \$350 each; limit 2 total.*

Your Priority Code:

**S 8 2 6 W B**

To help us serve you better, please enter the code from your mailing label. Enter this code even if label is addressed to someone else. Thank you!

First Name \_\_\_\_\_ Middle Initial \_\_\_\_\_ Last Name \_\_\_\_\_

Badge Name \_\_\_\_\_ Date of Birth\* \_\_\_\_\_

Company Name \_\_\_\_\_

Work Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Work Phone (include area code) \_\_\_\_\_ Fax (include area code) \_\_\_\_\_

E-mail Address \_\_\_\_\_

Do you need an electric outlet?  Yes  No

Do you have a free-standing exhibit?  Yes  No

**Do you plan to attend the April 8 Reception?**  Yes  No

For additional registrations please copy this page and complete registration forms on each additional attendee. Fax or mail all forms together with payment.

## PAYMENT METHOD

VISA  MasterCard  American Express

Card Account Number \_\_\_\_\_  
(list all numbers on card)

Expiration Date: \_\_\_\_\_ Amount \$ \_\_\_\_\_  
(required)

Cardholder's Name \_\_\_\_\_  
(please print)

Cardholder's Signature \_\_\_\_\_  
(required) (seal)

Check Enclosed (Do not fax)

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Please contact Pat Hepler at **919.513.1938** or [pat\\_hepler@ncsu.edu](mailto:pat_hepler@ncsu.edu) for more information.

**GET THE VERY  
LATEST UPDATES ON:**

- Public buildings and energy
- Mass transit and infrastructure
- Residential efficiency update
- Using schools to advance sustainability
- Renewable energy and carbon credits
- Renewable energy and energy efficiency portfolio standards
- New technology showcase
- Alternative fuel vehicle showcase

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