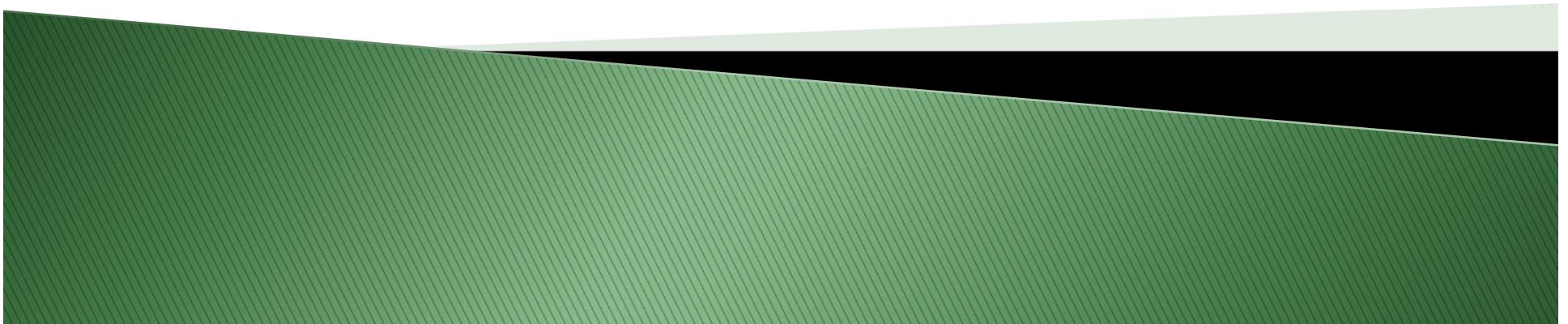


# EE and GB Uptake in the NC Residential Market

A Panel Discussion on the energy efficient  
and green housing industry.



# Advanced Energy –Victoria Bloise

- ▶ 30 years in North Carolina
- ▶ Energy Star Sponsors and providers for \_\_\_ years
- ▶ Work with DOE, EPA and utilities all across the country to create standards, training curriculum and tools to help ensure every home in NC is healthy, safe, comfortable, durable, energy efficient and environmentally responsible



# Southern Energy Management SOUTHERN ENERGY MANAGEMENT ENERGY EFFICIENCY & SOLAR POWER

- A leading solar integrator and building performance company in the Southeast and Mid-Atlantic.
- Founded in 2001 in Raleigh, NC.
- Team of 95 professionals working from 4 offices (*Raleigh, Charlotte, and Wilmington*) in North Carolina, and Greenville, South Carolina.
- Serving homeowners, builders, businesses, government, & utilities
- Five Time EPA National Energy Star Partner of the Year  
8,000 Energy Star Home qualified



- Building Performance Experts:  
Mobile Homes to 300K s.f. Army Barracks



## SEM Building Performance Team

- 22 Building Performance Professionals
- Significant professional experience and expertise
- Full Licensed, Insured and Bondable
- Certifications: RESNET, BPI, ASHRAE, USGBC, etc, etc, etc.

Dan McFarland-

Director of Residential Services

- 30+ years of professional experience in the building performance industry, 23 years in N.C.



# Triangle Green Homes

## www.trianglegreenhomes.com

- ▶ The [Triangle Green Home Group](#) includes partners and service providers such as green appraisers, HERS raters, contractors and LEED certified professionals.
- ▶ Triangle Green Homes works with all types of housing products and specializes in helping you find an energy efficient, green home that fits your pocketbook.
- ▶ Current projects include greening the NC MLSs. The Triangle MLS is one of the few in the nation that allows buyers to search for certified green homes or find energy efficient features. Learn more about the [Green The MLS project](#) at:
  - <http://www.greenthemls.org/>
- ▶ Triangle Green Homes serves as a member of the Green Agent Advisory Council for the popular Newland Green Community, Briar Chapel. Located just over the Chatham County border Briar Chapel is a resident centered development of homes all of which are at minimum ENERGY STAR certified.



# Jeanne Moyer, Realtor & EcoBroker

- ▶ Ms. Moyer is an EcoBroker and NAR Green certified real estate broker.
- ▶ She is a member of the Triangle USGBC and current Residential co-chair
- ▶ She is working to green the MLS.
- ▶ Jeanne promotes sustainability through
  - hosting seminars
  - speaking engagements
  - volunteer work





# North Carolina Energy Efficiency Alliance

**A Partnership Between:**



## **Our goals:**

- **The NCEEA seeks to support the stakeholders of the construction industry by promoting ENERGY STAR homes and to support the addition of 2980 new ENERGY STAR qualified homes in NC.**
- **To make the NCEEA a self-sustaining organization that continues to support a network of industry professionals and stimulates the market for ENERGY STAR qualified homes.**

Funded by the American Reinvestment and Recovery Act



[www.ncenergystar.org](http://www.ncenergystar.org) 828-262-8331 [ncenergystar@gmail.com](mailto:ncenergystar@gmail.com)





## North Carolina Energy Efficiency Alliance

[www.ncenergystar.org](http://www.ncenergystar.org)  
[ncenergystar@gmail.com](mailto:ncenergystar@gmail.com)  
828-262-8331



- **Chuck Perry is the Program Manager for the North Carolina Energy Efficiency Alliance and a licensed contractor in the state of NC.**
- **He is a 14 year veteran of the home building industry. He is passionate about his chosen profession and in sharing his experiences and knowledge of energy efficient construction.**

[www.ncenergystar.org](http://www.ncenergystar.org) 828-262-8331 [ncenergystar@gmail.com](mailto:ncenergystar@gmail.com)



# NC Solar Center Program Areas

- ▶ Policy Analysis & Outreach
  - Database of State Incentives
- ▶ Research & Demonstration
  - Solar, Wind, Alternative Fuels
- ▶ Consumer Education/Outreach
  - Solar House
- ▶ **Technical Assistance & Training**
  - Industrial Program
  - Renewable Technologies
  - Training Program
  - Transportation
  - **High Performance Building Program**
    - Specific Tech Assistance & Design Reviews [C&R]
    - GreenNC Tradeshow [C&R]
    - curriculum and instruction for the Green Building Diploma Series [C&R]
    - Institutional Building Outreach [C]
    - NC Sustainable Building Design Competition [C&R]
    - Green Building Basics Workshops [C&R]
    - NC HealthyBuilt Homes Program & LEED for Homes Provider [R]
    - NC Energy Efficiency Alliance [R]

*Note:* C=Commercial buildings, R=Residential buildings



GB-II: Green Building Diploma Series  
Graduation Day  
Raleigh, NC  
July 2008



# Solar Center *Contact Information*

## **Passive Solar and Green Buildings (C&R):**

dona\_stankus@ncsu.edu

*Dona Stankus, AIA, LEED for Homes AP and Green Rater*

*-licensed architect*

*-27+ years in the building industry, both commercial and residential experience, with 10+ of those years involved in providing continuing education to the building industry*

## *Dona's team members:*

### **Residential Green Programs:**

wmdunlap@ncsu.edu [LEED & HBH]

### **Building Workshops & Outreach**

jennifer\_stutzman@ncsu.edu



[www.ncsc.ncsu.edu](http://www.ncsc.ncsu.edu)

