New Listing Procedure

Make Sure Membership is current

Go to: www.wncgreenbuilding.com

Submit your listing!
(Starting Nov. 1st)
The Sustainable Shelter exhibit is now open at the NC Arboretum!

This exhibit is a must see for anyone interested in green building, and is a great way to introduce sustainable building to friends and family!

The WNCGBC Outreach Committee is a Partner in Education with Asheville Green Drinks and is responsible for planning quarterly green drinks programs, and providing volunteer support for WNCGBC and other local, sustainable projects. The Outreach Committee is very flexible! Commit a lot, or commit a little, you’ll enjoy this fun, low pressure, green organization!

FOR MORE INFORMATION OR TO JOIN, HELP, OR VOLUNTEER PLEASE EMAIL

OUTREACH@WNCGBC.ORG
WNCGBBC.org has been getting some new improvements, courtesy of Kateka Thatch, a web design intern from Appalachian State University!

Among the many improvements ‘Kat’ has made, wncgbc’s new home’s page has been updated!

The page now includes information about NC HealthyBuilt Homes, LEED for Homes and the NAHB Green Building Certification Program.

Stay tuned to the WNCGBBC website for new improvements over the coming weeks!

WNCGBC’s most recent intern, Jake Sadler, will be moving on after 1 year with WNCGBC! Jake was very happy about his time with the Green Building Council saying, “It has been a pleasure working with everyone in the green building industry in WNC. I hope the commitment our contractors, realtors, and industry leaders in the area have shown to sustainable building practices continues!” Good luck to Jake in the future!
WNC Highlights from the 2011 NC Clean Energy Data Book

Strengths
- Presence of a robust community of energy efficient builders.
- Widespread adoption of a regional unique building certification in NC HealthyBuilt Homes.
- Second largest regional population of firms.
- Third largest county cluster of firms in North Carolina located in Buncombe County.
- Existing base of diversified industries with expertise in multiple types of technologies.
- High density of solar projects in Buncombe county.
- Presence of Appalachian Energy Center at Appalachian State University.
- Presence of multiple public and private training and support mechanisms.

Weaknesses
- Only one county with significant number of Energy Star certified schools.
- Few hydroelectric maintenance firms in region.
- Limited solar adoption in the northeastern region.
- Most Energy Star grocery certifications limited to a single parent company.
- Despite high potential for residential energy efficiency, northeastern counties may be underserved.

Opportunities
- Large number of commercial energy efficiency opportunities using largely standardized buildings.
- Homes built prior to 1970 create a clustering energy efficiency opportunities in rural counties.
- Existence of a large biomass resource.
- Strong wind resource and small wind testing center create environment for small wind expertise.

Threats
- Hydroelectric facilities are old, and license renewal is not a forgone conclusion.
- Uncertainty if state and federal lands can be utilized for renewable energy development.
- Legal uncertainty discourages utility scale wind development.
- Securing capital for renewable and efficiency projects may be more difficult in rural areas.
ASHEVILLE — Clean energy has been one of the few bright spots in an otherwise dark economic time for Western North Carolina with employment growing 4.9 percent in solar companies, green building and energy efficiency jobs in the past five years, compared with a 7.9 percent decline in the regional economy overall.

Western North Carolina boasts the highest concentration of clean energy companies per capita in the state as well as the most power generated from solar, wind, geothermal, and other renewable energy sources.

“We can’t be afraid to say that we are the king of the hill in a number of categories,” said Ron Townley of Land-of-Sky Regional Council.

But the region must do a better job of promoting its assets to keep a competitive advantage in clean energy, according to an economic analysis unveiled Monday before entrepreneurs and civic leaders at Diana Wortham Theatre in downtown Asheville.

The event hosted by Land-of-Sky Regional Council and AdvantageWest unveiled the EvolveEnergy Partnership, a campaign to brand Western North Carolina as a business destination for alternative energy, energy efficiency and green building.

“We have a choice in clean energy,” said Michael Shore, CEO of the fast-growing FLS Energy firm in Asheville. “We can bemoan the lack of activity in Washington with the failure to create jobs and to level the playing field between clean energy and fossil fuels, or we can take the issue into our own hands here in Western North Carolina.”

WNC could take lessons from Texas in bragging, said Angelos Angelou, an economist from Austin who surveyed some 200 local leaders for a 200-page report on the region’s assets in clean energy. “I’ve never met so many entrepreneurs in a region so small,” Angelou said.

But many of those he called “lifestyle entrepreneurs” who seemed uninterested in growing their companies beyond a local market to compete nationally and internationally.

The region also needs many more trained engineers to keep its advantage, Angelou said. Too many students finish their training outside the region and find work there, instead of returning with their talents to the mountains.
Progress Energy Carolinas today announced an 18-month research-and-development project with the Electric Power Research Institute (EPRI) to evaluate the effects of widespread, small-scale solar photovoltaic (PV) systems on the electric grid.

Progress Energy Carolinas will install twelve 180-watt solar PV panels and monitoring systems on utility poles in Asheville, N.C. Progress Energy Carolinas and EPRI will collect detailed data in one-second intervals to study the potential benefits and impacts of installing multiple solar electric generators with variable outputs in concentrated areas.

“We’re committed to further integrating renewable energy into our balanced generation portfolio,” said Lloyd Yates, president and CEO of Progress Energy Carolinas. “It’s vital that we maintain reliable service to our customers even as we work together to increase solar energy on our system. We’re excited to work with EPRI on this project as we address the challenges of rising costs, growing energy demand and global climate change.”

The project will compare data from up to 400 locations nationwide and analyze the impact of cloud movements, shading and temperature on the systems’ production. Progress Energy Carolinas selected Asheville for the location of its trial due to the mountainous terrain and weather conditions. Later this year, Progress Energy Florida will install similar systems on utility poles around Orlando.

Electricity from dispersed solar PV resources is a growing contributor to the electric power generation supply. According to EPRI, distribution grid-connected PV systems are expected to account for more than 90 percent of solar capacity additions in 2011.

Progress Energy Carolinas is experiencing an increase in solar PV systems on its grid due to state tax incentives, utility-sponsored programs and growing requirements for solar energy under North Carolina’s state energy policy, adopted in 2007. The company anticipates 200 to 300 small-scale PV interconnections each year and the number of systems is expected to increase as the energy policy targets rise and the cost of solar power decreases.

Progress Energy Carolinas has a diverse group of incentive programs aimed at helping its customers harness the power of the sun. The SunSense® commercial and residential solar PV programs offer premium payments and rebates to customers to help reduce the cost of installing rooftop solar PV arrays. For more information on these programs, visit www.progress-energy.com/SunSense.
Appalachian Renewable Energy Workshop Series

Through November 19th

AGENDA: Workshops and other training activities are one way the North Carolina Small Wind Initiative strives to serve the region in wind power adoption. Making use of the unique Small Wind Research and Demonstration Facility, the SWI holds workshops for all levels of interest on the "ins-and-outs" of small-scale wind power. Please see the following dates and topics to learn more about ways you can take the power in your hands.

See our Events Page for more information or click here to be directed to the full web schedule

CEU Credit Available

Western North Carolina Green Building Council  www.wncgbc.org  828-254-1995  PO Box 17026 Asheville, NC 28816

Stay Connected www.wncgbc.org
HBH homes certified to date: 542
For a list of all registered builders, visit: www.wncgbc.org/healthybuilt

LEED For Homes
LEED Buildings Certified: 23
LEED Buildings Registered: 101
WNCGBC Is Proud to Announce Asheville’s 1st LEED Platinum Home!

Appalachian Offsets
Total tons offset to date: 3207
Visit www.AppalachianOffsets.org for more information and to offset your carbon emissions.

Products Currently Available From WNCGBC:

- 1.7 gpm chrome showerheads $5
- 2.0 gpm handheld chrome showerheads $15
- 0.5 gpm faucet aerators $1
- Radon test kits $8
- Mixed Humid Climate Builder guide $50

Directories Available
If you would like to distribute our free Green Building Directory please email: jacob@wncgbc.org

WNCGBC is happy to offer a free introductory presentation to any and all interested groups!
If You Have a Team or Group In Mind Please Contact WNCGBC at (828)-254-1995 or email info@wncgbc.org
Southern Community Bank and Trust is a full-service community bank with 22 banking offices throughout North Carolina offering personal, business, and mortgage services. We deliver all the products and capabilities of a much larger bank, while providing a level of personal attention that shows us to still be “small enough to care.” Stop by our location at 1751 Hendersonville Road in Asheville or find out more at www.smallenoughtocare.com.

BuildDwell, Inc. provides quality construction to Asheville, NC and its surrounding areas. We have earned a reputation of excellence through our BuildDwell Inc. is your solution to all your home's needs; New home, renovated home, or handyman projects.

For a Full List of Our Platinum Members Or to Join/ Upgrade as a Platinum Member Please Visit our Website www.wncgbc.org or Call (828)-254-1995