



Congratulations Columbia Housing Authority



The Columbia Housing Authority (CHA) has been awarded the US Green Building Council's (USGBC) 2009 Outstanding Affordable Developer Award for their Rosewood Hills project in Columbia, South Carolina.

A \$10.7 million HOPE VI Revitalization Grant assisted the CHA in building a total of 192 units on the former Hendley Homes public housing site and on several contiguous parcels of land that CHA purchased to increase the size of the community.

Rosewood Hills includes 60 single-family homes, 32 town homes, 52 senior apartments, 26 apartments (over retail shops) and 22 duplex units. Of the 192 units, 66 are assisted rental units, 30 are affordable rental units, 37 are affordable homeownership units, and 59 are market rate homes and apartments.

The new community features \$6.5 million in public improvements, including new streets and streetscapes, wide sidewalks, parks, green space, and 6,500 square feet of supportive neighborhood retail services.

Rosewood Hills was designed to meet the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) for Homes certification standards. LEED certification provides third-party assurance to homebuyers that their home complies with rigorous technical requirements for energy and water efficiency, indoor air quality, non-toxic materials, and environmental performance. The green building features incorporated in homes built at Rosewood Hills include the following:

Water Efficiency

- Low flow faucets and shower heads
- Dual flush toilets
- High efficiency irrigation systems

Energy and Atmosphere

- Low-E windows to reduce the amount of heat gained from the sun
- High insulation value
- Compact fluorescent light bulbs
- ENERGY STAR appliances
- SEER 14 high-efficiency HVAC equipment
- Air tight building construction practices and minimum duct leakage

Materials and Resources

- Environmentally Preferable Products, many manufactured within 500 miles of the site
- Cement siding to increase life span and improve home durability

Indoor Environmental Quality

- Tightly sealed construction between the garages and living spaces to prevent pollutants from entering the homes

UPCOMING EVENTS

PHADA's 2010 Commissioners' Conference

▶ January 10-13, 2010 | Tampa, FL
 ☞ www.tinyurl.com/2010tampa

NAHRO Energy Performance Contracting Seminar

▶ February 8-9, 2010 | Los Angeles, CA
 ☞ www.tinyurl.com/luqms0

2010 Energy Efficiency Global Forum

▶ May 10-12, 2010 | Washington, DC
 ☞ www.eeglobalforum.org

ASES National Solar Conference

▶ May 17-22, 2010 | Phoenix, AZ
 ☞ www.tinyurl.com/d8oqcr

Five Day Intensive EPC Course

▶ June 14-18, 2010 | Chicago, IL
 Call 312-554-0900 to register or contact Eugene Goldfarb, at ☞ egoldf1@uic.edu

- Bathroom and kitchen ventilation to prevent mold growth and promote home durability

- High efficiency HVAC air filters

Awareness and Education

- Extensive homeowner training, including a review of the included green features, major mechanical systems, and proper maintenance practices

Land stewardship

- Site terracing to minimize soil erosion
- Green spaces and sidewalks to create a walkable community
- Drought tolerant plants in the landscaping to minimize irrigation requirements

For additional information on CHA's Rosewood Hills project contact Julia Prater at ☞ jprater@chasc.org. For additional information on LEED or the USGBC visit ☞ <http://www.usgbc.org/>.

PHA joins The Climate Registry

The Climate Registry is a nonprofit collaboration among North American states, provinces, territories and Native Sovereign Nations that sets consistent and transparent standards to calculate, verify, and publicly report greenhouse gas (GHG) emissions into a single registry. The Climate Registry has 349 members that have committed to report their entity wide GHG emissions, have their emissions verified by an independent third party and publicly disclose their emissions online.

Due to a statewide mandated reduction in GHG emissions, the Yolo County Housing (YCH) Board of Commissioners voted to join the Yolo County Climate Change Compact in April 2008. They pledged to create an inven-

tory, establish goals, and develop a plan for reducing the agency's energy use and GHG emissions. They also pledged to engage their staff in reducing their own environmental impacts by conserving energy and water, purchasing sustainable products, using mass transportation, and more.

To accomplish this, YCH prepared a Major Energy Flows Analysis report, which strategically assessed the extent of the organization's current GHG emissions and recommended improvements to its operations and technology.

Registration of a baseline inventory and inventory changes over time require that an

established protocol be used to record and organize energy flows. The Local Government Operations Protocol was used to establish the YCH inventory. This is the approved protocol for governmental entities constructing baseline emission data suitable for registry.

After inputting 2006 baseline data and 2008 target data into The Registry, YCH was able to show a 9% reduction in its emissions, which equated to 11.4 metric tons of CO₂.

YCH is the only housing authority that is currently a member of The Climate Registry. For additional information on The Climate Registry visit <http://www.theclimateregistry.org/>. For additional information on Yolo County Housing's energy saving and green initiatives contact Lisa Baker, YCH Director at lbaker@ycha.org.

Plug-In To eCycling

Plug-In To eCycling is a partnership program between the Environmental Protection Agency (EPA) and leading consumer electronics manufacturers, retailers, and mobile service providers that fosters and promotes opportunities for individuals to donate or recycle their electronics.

Plug-In partners demonstrate leadership and social responsibility by offering individuals

opportunities to protect the environment by safely reusing and recycling consumer electronics. In 2008, Plug-In partners collected and recycled 68 million pounds of used consumer electronics in the US.

All Plug-In To eCycling partners have committed to supporting an electronics reuse or recycling program available to household consumers, educating consumers about their program, and safely managing the electronics they collect by ensuring that the electronics refurbishers and recyclers they use follow

the [Guidelines for Materials Management](#).

Since Plug-In To eCycling's inception in 2003, manufacturers and retailers have expanded their programs from event-based collections to include tailored electronics reuse and recycling programs.

For additional information on eCycling and specific partner programs visit: <http://www.epa.gov/osw/partnerships/plugin/partners.htm>.

Dick Santangelo will retire on January 2nd, 2010

A letter from Dick:

It has been my pleasure to serve as the HUD, Public Housing Management and Energy Program Manager. Thank you for all your support over the years. By creating the Public Housing Environmental and Conservation Clearinghouse (PHECC) and specifically Eco-

Wise, we wanted to create a HUD website and newsletter that would connect PHAs, housing industry groups, energy services providers, equipment vendors and HUD's field offices in a way that would promote energy technology, celebrate best practices and foster an open forum on energy and environmental

topics. I believe we made significant progress toward that goal over the past several years. The PHECC will continue under HUD's Information and Resource Center and the HUD point of contact after December will be Julia Brooke Hustwit. Ms. Hustwit can be reached at Julia.B.Hustwit@hud.gov.

Residents' Corner - Holiday Season Energy Saving Tips

When cooking during the holiday season:

- Use glass or ceramic pans in ovens – They heat faster than metal pans.
- Use toaster ovens, crockpots and microwaves when you are cooking small to medium-sized meals or reheating leftovers. They use less energy than the stove or oven.
- Keep the inside surface of your microwave clean – It will cook your food more efficiently.
- Use the smallest pans possible – It takes less energy to heat them.
- Use lids – They help cook the food more quickly by keeping the steam in the pot or pan.

- Clean the burner pans on your stove – When clean they will reflect heat back up to pots and pans.
- Keep conventional oven preheating time to a minimum – Only preheat if you are baking bread or pastries.
- Don't peek – Heat is lost every time you open the door or lift the lid.
- Keep racks clear – Foil on oven shelves blocks heat and costs money.

In the Refrigerator:

- Cover and wrap food – Uncovered foods and liquids release moisture, which makes the fridge work harder.

- Check the temperature – You are losing money if it is lower than 37- 40° F. The freezer should be between 0 - 5° F. To check the temperature, put a thermometer in a glass of water in the center of the refrigerator and another between packages in the freezer. Read them after 24 hours.
- Defrost manual-defrost refrigerators – Frost makes these models less efficient and spoils food.
- Check the door seals – Close the refrigerator door on a piece of paper that is half in and half out of the refrigerator. If you can remove the paper easily without opening the door, you may need to adjust the door latch or replace the seals.

We want to hear from you! Please send us nominations for projects to be highlighted in EcoWise.

Contact us at ecowise@deval.us

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