



KENTUCKY'S CLEAN ENERGY CORPS

On **February 26** 2009, the Beshear Administration and a broad-based coalition of public and private sector partners will launch a pilot program of **energy efficiency** improvement for **100 low-income Central KY homes**.

Our Mission:

Harness the resources of the government, business, education and non-profit sectors to:

- Make these homes **20 to 30%** more energy efficient, saving low-income families money, protecting the environment, and reducing demand for utility assistance funds currently available to assist these families.
- Promote easy, everyday steps that **all citizens** can take to capture energy savings and reduce carbon emissions in their homes, so they can become **energy managers**.
- Engage Kentuckians—particularly our youngest generation—in **volunteer service** for their neighbors and their communities.

100 low-income families in Lexington and rural Bourbon and Clark Counties will receive:

- An **energy audit**, including blower door tests and infrared photography to determine leaks in the building envelope
- **Energy efficiency education** that includes a manual with energy savings tips and a service and maintenance calendar, as well as an Energy Open House after completion
- A **volunteer-led, energy efficiency rehabilitation**, to potentially include:
 - Insulation of ducts, attics, walls, and ceilings
 - Replacement of inefficient appliances (furnaces, refrigerators, water heaters, light bulbs) with efficient models and heat pumps
 - Air infiltration and repair, weather-stripping, and replacement of leaky doors and windows
 - Repair and upgrade of unsafe electrical equipment
 - Repair and replacement of roof, siding and foundation
- Selected homes in the pilot program will test **cutting-edge efficiency and renewable energy** strategies such as solar water heating
- **Smart energy meters** provided by utilities for easy-to-access monitoring and documenting of real-time energy usage, to track savings and efficiencies, with **third party verification** of the savings generated



KENTUCKY'S CLEAN ENERGY CORPS

Your financial support matters

Kentucky's Clean Energy Corps pilot program is a true **public/private partnership**:

- 80% of the funding will come from federal and state energy efficiency and low-income housing grant and loan programs.
- 20% will be made up of ***private contributions*** (cash and in-kind) from individuals, corporations and organizations.
- Each household will be evaluated as to its ability to use energy savings to repay all or a portion of the costs. Any repayments will be recycled to assist new families.

All contributions to the Clean Energy Corps are ***tax deductible***, via the University of Kentucky's Tracy Farmer Center for the Environment, a 501(c)(3) non-profit organization.

For just \$1000, you, your corporation, or your organization can serve as the **Name Sponsor** of a Clean Energy Corps home rehab, becoming an invaluable partner to a low-income family.

For \$5000, you join the **Secretary's Clean Energy Alliance**, serving as Name Sponsor of five home rehabs, and are listed in all of the Clean Energy Corps promotional materials.

For \$10,000, you join the **Governor's Clean Energy Team**, serving as Name Sponsor of ten home rehabs, and are listed in all promotional materials and invited to special events and announcements.

Each home rehab will require a ***\$1000 private cash contribution*** and ***\$1000 worth of in-kind contributions***. In-kind donations of materials, appliances, and supplies will be solicited to help fill the anticipated need of the pilot project, as listed below:

75 Energy Star qualified heat pumps	75 Energy Star qualified refrigerators
200 smoke/carbon monoxide detectors	25 windows and doors
2000 CFL energy-efficient light bulbs	100 tree seedlings
1000 feet of water pipe insulation	500 silicone caulking tubes
200 gallons of non-toxic, low VOC paint	200 track-off mats
100 bulk product dispensers	300 window kits and shades
100 programmable thermostats	200 door weatherizing kits w/door sweeps
5000 square feet of roofing material	50 Energy Star qualified instant water heaters
200 smart power strips	100 R-38 insulation rolls and board panels
25 energy efficient stoves	25 Energy Star qualified washing machines
50 dual flush commodes	10 solar water heating systems w/PV cells

Please make all checks payable to "UK Tracy Farmer Center/Clean Energy Corps" and send to UK's Tracy Farmer Center for the Environment, 1401 University Drive, Lexington, KY 40546. For more information on contributions of cash or in-kind materials, contact Antonia Lindauer at Antonia.Lindauer@ky.gov or (502) 564-8642.