

# Energy at Work

A Monthly Review of Recovery Programs Working for Kentuckians



KENTUCKY  
 AT WORK

Kentucky Energy & Environment Cabinet  
 Department for Energy Development and Independence

## Gov. Steve Beshear Announces KEEPS Expansion



Gov. Beshear announces KEEPS expansion.

On February 8th, Gov. Steve Beshear joined University of Louisville President Dr. James Ramsey at Roby Elementary School in Shepherdsville to announce a partnership between the Department for Energy Development and Independence, U of L's Kentucky Pollution Prevention Center (KPPC) to expand the Kentucky Energy Efficiency Program for Schools (KEEPS).

Funding from the ARRA will give KEEPS a boost of \$4.8 million from the U.S. Department of Energy that will help all Kentucky school districts get enrolled in the energy efficiency program. "Enrolling in the KEEPS program is an excellent way for our school districts to gain energy cost savings while also protecting the environment. These energy savings help schools save valuable funds and teach children the im-

portance of energy conservation," said Gov. Beshear.

KPPC has recently been able to achieve KEEPS participation by 100 percent of Kentucky school districts.



Gov. Beshear congratulates Roby Elementary School's Earth Team for their efforts.

[Watch Press Conference](#)

## Kentucky Industrial and Commercial Sustainability Program



Energy and Environment Cabinet Secretary Len Peters announces the Kentucky Industrial and Commercial Sustainability Program at a press conference at FetterGroup.

On February 17<sup>th</sup> Kentucky Energy and Environment Cabinet Secretary Len Peters joined University of Louisville President James Ramsey at FetterGroup in Louisville to make the official announcement that the Kentucky Industrial and Commercial Sustainability Program (KICSP) received \$2.23 million through the American Recovery and Reinvestment Act, granted by the U.S. Department of Energy.

"Moving toward sustainability requires a commitment to continual improvement. One of the first steps...is getting that top management commitment," commented Cam Metcalf, the Executive Director of the University of Louisville's Kentucky Pollution Prevention Center (KPPC). The funding provided to KPPC through the Kentucky Department for Energy Development and Independence will help further KPPC's work of providing energy efficiency and renewable energy options to businesses, schools and manufacturers across Kentucky. Grant funds will be available through April 2012. KPPC has evaluated more than 500 consumer clients across Kentucky, making great strides toward optimal energy performance.

FetterGroup is one of the many Kentucky companies that have utilized KPPC's services. Terry Gill, President of FetterGroup, noted, "In 2007, we established our baseline energy usage. We reduced our total [energy] consumption by 32 percent since 2007. The ability to take our dollars and reinvest them in our business...has been a tremendous asset for us."

KICSP Team (L-R): Steve Hurst, Adrienne Parsons, Richard Meisenhelder, Katie Newlin, Andrew Carter, Sean Crowe, Rebecca Cash, Bob Miles, Edye Raymond, Cam Metcalf, and Don Douglass.



[Watch Press Conference](#)

## On-Farm Energy Efficiency & Production Incentives Program

In February, the Governor’s Office of Agricultural Policy (GOAP) announced its partnership with the Department for Energy Development and Independence and the On-Farm Energy Efficiency & Production Incentives Program, enabled by American Recovery and Reinvestment Act funding.

This program will provide 25 percent reimbursement of the actual cost of a qualified energy saving project (with a cap of \$10,000). Qualified projects include energy audits, energy efficient farm building components, on-farm energy upgrades and on-farm energy

efficiency training. (‘On-farm’ refers to agriculture production and excludes farm residency.)

Energy efficiency updates can help farmers save valuable funds through energy cost savings.

“The on-farm energy incentive program will provide Kentucky’s farmers with the opportunity to make changes...that will improve their profit and reduce agriculture’s impact on energy consumption,” said Roger Thomas, executive director of the Governor’s Office for Agricultural Policy.

Applications for these reimbursements are currently being accepted and will be reviewed by a committee comprised of representatives from GOAP, the Kentucky Agricultural Development Board, the UK College of Agriculture, a Rural Electric Cooperative, as well as a representative from USDA Rural Development and the Kentucky Energy and Environment Cabinet serving in an ex-officio capacity.

This program will work to achieve the goal of Gov. Steve Beshear’s energy strategy to meet 18 percent of Kentucky’s energy needs from efficiency improvements by 2025.



Gov. Beshear announces the ARRA Kentucky On-Farm Energy Efficiency and Production program on Kentucky Farmer of the Year Doug Langley’s Shelby County farm.

## Kentucky Green & Healthy Schools



Calloway Middle School students assist with paper collection for their recycling program.

Kentucky Green and Healthy Schools (KGHS) is an initiative of the Kentucky Environmental Education Council (KEEC) and the Kentucky Department of Education. This time last year, the Department for Energy Development and Independence formed a partnership to expand KGHS with the help of American Recovery and Reinvestment (ARRA) funds from the U.S. Department of Energy.

KGHS is a state-wide, web-based, and student-centered program that empowers students and staff to move their school toward becoming safer, healthier, and more environmentally sustainable. By helping schools create a team of students, teachers and school administrators (a Green & Healthy Team), KGHS helps schools work to improve their facility in nine different areas, including instructional leadership, water, energy, solid waste, hazardous chemicals, green spaces, transportation, health and safety, and indoor air quality.

KGHS also offers a design manual for districts that want to build high performance schools. ARRA funding allows KGHS to offer grants to schools to assist them with energy efficiency improvements.

“The Kentucky Green and Healthy Schools Program is first and foremost an educational program that helps students think critically about the environmental and health impacts of their school surroundings,” said Jane Eller, Executive Director of KEEC. “In KGHS, students conduct research in their schools on a variety of topics...[and] based on the analysis of their findings in each category, students then carry out improvement projects which they design. As they complete these projects, KEEC recognizes their efforts with plaques, banners and flags. However, the real rewards come from the feelings of accomplishment that students get from creating a more sustainable environment, a healthier school, and from the real-world learning that takes place.”

## Upcoming ARRA Events

### Tuesday & Wednesday, March 23rd-24th:

High Performance Sustainable Schools Workshop, Lexington  
[www.energy.ky.gov](http://www.energy.ky.gov)

### Thursday-Friday, March 25th-26th:

Midwest Regional ENERGY STAR Conference, Lexington  
[www.midwestenergyconference.com](http://www.midwestenergyconference.com)

## Huntertown Elementary Receives ENERGY STAR



Huntertown Principal Kimberly Parker-Brown, Woodford County Schools Superintendent Scott Hawkins and Lee Colten of the Kentucky Department for Energy Development and Independence.



On February 22, representatives from the Department for Energy Development and Independence presented a certificate from Gov. Steve Beshear to the Woodford County Board of Schools to recognize Huntertown Elementary for earning the **ENERGY STAR** from the U.S. Environmental Protection Agency and U.S. Department of Energy for its energy efficiency.

Currently, only 92 buildings in Kentucky have earned the ENERGY STAR, and Huntertown Elementary is one of only 51

ENERGY STAR school buildings in the state.

Huntertown Elementary School has worked with [Kentucky Green and Healthy Schools Program](#) and its district is also enrolled in [Kentucky Energy Efficiency Program for Schools](#).

Woodford County Schools also works with the [Kentucky National Energy Education Development Project](#) to assist teachers in professional development workshops that con-

centrate on advanced understanding of conventional and emerging energy sources and the impact each have on the environment, economy, and society.

Congratulations to Huntertown Elementary!



Huntertown Elementary School

## KENTUCKY AT WORK **Faces of Recovery** Putting People to Work

### Bryan Thomas, GOAP

In August 2009, Recovery funding allowed the [Governor's Office for Agricultural Policy \(GOAP\)](#) to bring Program Administrator Bryan Thomas on board. Bryan works primarily with the On-Farm Energy Efficiency & Production and the Multi-County Collaborative Agricultural Energy Initiatives programs. Before joining the GOAP staff, Bryan was president of Fusion 4 Consulting, Inc. in Lexington. He is a 2003 graduate of the University of Kentucky with a B.A. in Political Science.

"I've always been interested in finding ways we can reduce negative impact on our environment," said Bryan. "[Recovery] programs fund projects that decrease our dependence on fossil fuels and work to produce alternative sources of energy. Environmental preservation and ecology are becoming very important industries in our world and the ability to use the experiences I have gained from these programs in the future excite me!"



Gov. Steve Beshear with Bryan Thomas, GOAP Program Administrator

### Steve Dale, DEDI



Steve Dale, DEDI Program Manager

Steve Dale joined the [Department for Energy Development and Independence \(DEDI\)](#) in early November 2009. Steve is a Program Manager for DEDI's Division of Generation, Transmission, and Distribution. Steve works primarily with the Department's Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency grant that provides funding for his position. He also assists with the development of a plan to assist in the coordination of energy emergency activities and supports the development of a Commonwealth Energy Profile and energy modeling system. With a B.S. in Economic Geography and M.S. in Geography from Western Kentucky University, Steve retired as the Director for the Central Kentucky Office in the Kentucky Economic Development Cabinet before coming to DEDI.

"Energy...holds a key position in the country's long-term environmental future and in short-term economic strategies," said Steve. "I enjoy cutting edge energy activities and planning energy strategies for the future."

DEDI’s Stimulus Projects & Partners



Project - Amount	Partner Agency
High Performance Sustainable Energy Research Laboratory - \$3,500,000	University of Kentucky Research Foundation
Energy Management Software and Controls for State Buildings - \$3,650,000	Kentucky Finance and Administration Cabinet
The Green Bank of Kentucky - \$14,170,579	Kentucky Finance and Administration Cabinet
High Performance State Government Building Staffing - \$1,100,000	Kentucky Finance and Administration Cabinet
Industrial Facility Retrofit Showcase - \$4,400,000*	Cabinet for Economic Development
Industrial/Commercial Sustainability Program - \$2,230,000	Kentucky Pollution Prevention Center (U of L)
Kentucky Energy Efficiency Program for Schools (KEEPS) - \$4,758,588	Kentucky Pollution Prevention Center (U of L)
Kentucky Energy Efficiency Program for Schools Energy Managers - \$5,050,012	Kentucky School Board Association
Kentucky Green and Healthy Schools Program - \$214,800	Kentucky Environmental Education Council
Kentucky Home Performance with ENERGY STAR - \$4,000,000*	Kentucky Housing Corporation
Kentucky National Energy Education Development Project - \$1,000,000	National Energy Education Development
Kentucky Farm Energy Efficiency & Renewable Energy Partnership - \$1,000,000	Kentucky Governor’s Office for Agricultural Policy
Kentucky Multi-County Collaborative Agricultural Energy Initiatives Program - \$1,000,000	Kentucky Governor’s Office for Agricultural Policy
Utility Smart Grid Initiative - \$2,650,000	Project proposals currently being evaluated
Kentucky Net-Zero Energy Schools - \$3,422,588*	Project proposals currently being evaluated
Small Cities and Counties Initiative - \$6,612,880	Kentucky Dept. for Local Government
Housing, Buildings & Construction Energy Efficiency Codes Training - \$457,153	Kentucky Dept. for Housing Buildings & Construction
Housing Buildings & Construction Energy Efficiency Codes Inspection - \$1,198,895	Kentucky Dept. for Housing Buildings & Construction
Kentucky Save Energy Now - \$326,744	Kentucky Pollution Prevention Center (U of L)
Kentucky Energy Efficient Appliance Rebate Program - \$3,422,865	Contract execution underway with vendor
Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency - \$591,715	Kentucky Department for Energy Development and Independence

\* Project amount pending Department of Energy approval for reprogramming of additional funds.

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