

LAWRENCE ENERGY CONSERVATION FAIR 2010



City of Lawrence
WASTE REDUCTION
& RECYCLING

On Saturday, September 11th, 2010 the City's Waste Reduction and Recycling Division hosted the **10th Annual Lawrence Energy Conservation Fair**. The Fair took place at the Community Building downtown, from 10 am to 4 pm. The goal of the Energy Fair is to help residents and businesses find sensible ways to reduce energy costs by choosing products and services that will increase the energy efficiency of our homes, businesses and personal transportation.

The Energy Fair hosted forty-five exhibitors with professional environmental expertise: including local builders, architects, engineers, insulation contractors and home energy efficiency specialists. Businesses offering residential wind and solar energy systems were also present. A variety of alternative fueled vehicles were on display, as well as a geothermal drilling rig. Premier sponsors of the event included Black Hills Energy and the Lawrence Chamber of Commerce. Other sponsors included Billy Pilgrim LLC, Blue Sky Green Earth Magazine, Cromwell Environmental, Hughes Consulting Engineering, Lawrence Journal World, Scott Temperature, Sunflower Bank, and Westar Energy.

Fair attendees had the opportunity to hear Dominique Davison, with Davison Architecture + Urban Design LLC, speak on the principles of sustainable residential design; Nickie Lee with the Efficiency Kansas Team for the Kansas Corporation Commission Energy Office, speak about energy efficiency financing for the home; and Larry Kinder with LilyPad EV speak about Plug in Electric Vehicles and Charging Stations. In addition to these exhibitors, Eco-Elvis, an environmentally-friendly Elvis impersonator, performed outside the Community Building.

Concurrent with the Fair, the **Lawrence Sustainable Homes Tour** offered two separate bus tours that included seven different building sites during the day. Tour guests learned from builders, engineers, installers and homeowners on site about their buildings, which included such features as passive solar design, structural insulated panels, straw-bale construction, living roof, radiant floor heating, geothermal heating and cooling systems, and a wide variety of locally obtained materials and energy efficient products and appliances. The Tour sponsors were the American Solar Energy Society and the Heartland Renewable Energy Society.



Eco-Elvis performed one of his hit songs "The Compost Hotel" outside the Community Building



One of the many sponsors of the Energy Fair, Black Hills Energy, attended to promote natural gas as an option to standard fuel sources.

Children take part in some eco-minded craft activities hosted by Free State High School Environmental Club and Eileen Horn, City/County Sustainability Coordinator.



Examples of alternative fuel vehicles exhibited at the Energy Fair included an electric flat bed Club Car displayed by the Central Maintenance Garage and a biodiesel pick-up truck displayed by the Kansas Soybean Commission.

Solar Solutions of Kansas City discussed the benefits of installing solar-powered lighting.



The morning Sustainable Homes Tour had four stops, including this Tenants to Homeowners house with Structurally Insulated Panels and high efficiency appliances.

The Sustainable Homes Tour also visited the Douglas County Jail which has installed 200 square feet of solar collection to heat domestic water.

