

LAWRENCE ENERGY CONSERVATION FAIR 2009



On Saturday, September 12th, 2009 the City's Waste Reduction and Recycling Division hosted the **9th 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 fifty-three 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, Cottin's Hardware & Rental, Cromwell Environmental, and GreenTech Efficiency Solutions. Other sponsors included Absorbent Ink, Ground Source, Hughes Consulting Engineering, Lawrence Chamber of Commerce and Scott Temperature.

Fair attendees had the opportunity to hear Steve Stewart, with the City's Central Maintenance Garage, speak on the new solar panels in emergency vehicles and electric innovations in the auto industry. In addition to these exhibitors, Stan Slaughter, the Eco-Troubadour, performed inside the main exhibitor area and Mark Freeman with GreenTech Efficiency Solutions spoke on how to improve a home's energy efficiency.



Cromwell Environmental displayed solar panels and discussed the benefits of solar power with Fair attendees.

Concurrent with the Fair, the **Lawrence Sustainable Homes and Business 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 ground source heat pumps, solar panels, structural insulated panels, passive solar design and use of efficient methods and sustainable materials. The Tour sponsors were the American Solar Energy Society and the Heartland Renewable Energy Society.



One of the many new exhibitors to the Energy Fair, LilyPad EV, attended to promote electric charging stations for the fast approaching wave of all electric automobiles.

Representatives of Sunlite Science & Technology discuss the benefits and new improvements to LED lighting, which are taking the place of fluorescents.



KU's Center for Sustainability discussed ways the university is increasing its environmental awareness.

Examples of alternative fuel vehicles exhibited at the Energy Fair included the GEM (Global Electric Motorcar) displayed by the Central Maintenance Garage and a 2004 Teener owned and displayed by Bob and Cordelia Brown.



Approximately 65 persons participated in one of two bus tours offered on Saturday. The Tour, which is part of the American Solar Energy Society's National Solar Tour, was sponsored locally by the Heartland Renewable Energy Society.

Steve Hughes, designer for the Castle Tea Room's HVAC and energy systems, explains the building's ground-source heat pumps and radiant floor heating to tourists.

