



The Arkansas Energy Office (AEO) advocates and promotes energy efficiency, emerging technologies, and resource development through energy education and information programs as well as manages federal energy funds in the State of Arkansas. The AEO offers a variety of services and resources for a wide range of customers. All program information, publications, state and national energy data information, and additional resources are available to view and download at the Energy Office website: www.arkansasenergy.org

State Energy Program (SEP) - Funding

State Energy Program(SEP) - U.S. Department of Energy				
Funds Awarded and State Cost Share – Arkansas				
State FY	Federal SEP Grant	Cost Share	Total State Match	Cost Share
FY 2001	\$462,000.00	77%	\$107,401.00	23%
FY 2002	\$558,000.00	77%	\$126,600.00	23%
FY 2003	\$559,000.00	59%	\$230,153.00	41%
FY 2004	\$540,000.00	57%	\$231,460.00	43%
FY 2005	\$540,000.00	57%	\$231,460.00	43%
FY 2006	\$424,000.00	41%	\$249,205.00	41%
Totals	\$3,392,000.00	62%	\$1,332,404.00	38%

State Energy Program (SEP) - Activities

Alternative Fuels Development

- ◆ Created the Arkansas Bioenergy Policy Council to develop draft legislation to stimulate development of a biofuels industry and to reduce our State’s dependence on petroleum. Draft legislation will be finished by the Council by mid November.
- ◆ Received a \$100,000 grant from DOE to install a 20,000 gallon biodiesel storage and blending facility at the Arkansas Terminaling and Trading facility at the North Little Rock oil terminal. The grant was also used to promote the retail distribution of biodiesel as well as to encourage Central Arkansas fleets to use biodiesel for one year.
- ◆ A federal grant was provided to the Arkansas Plant Board, Weights and Measures, to purchase biodiesel testing and quality control equipment.
- ◆ A federal grant was provided to Arkansas Tech for a demonstration project to show small scale feasibility to produce biodiesel from waste grease and chicken fat.
- ◆ Funded a biorefinery feasibility study through the University of Arkansas at Monticello. The study was conducted to determine the technical and economic feasibility for Potlatch Corp to construct and operate a biorefinery demonstration project.
- ◆ AEO has funded a solar hot water monitoring and installation program. This program has three components: 1) monitoring existing residential installations, 2) installing new solar water heaters and monitoring hardware on three institutional buildings and, 3) educating plumbers on how to install solar water heaters during the institutional installations.
- ◆ Provided a cost share grant to the Little Rock School District to purchase and demonstrate a plug-in hybrid bus for the 2007-08 school year.

Energy Efficiency

- ◆ Federal funds were used to fund a joint project with the Arkansas Highway and Transportation Dept to

install LED traffic signals in 40 small communities.

- ◆ Conducted a field study to determine compliance with the 2004 Arkansas Energy Code. Results indicate the AEO's information campaign and simplified compliance strategies are resulting in higher levels of compliance. Training will be developed to enhance and improve code compliance.
- ◆ Participated on the Sustainable Buildings Legislative Task Force to study and report on green building design and policies for K-12 and State buildings. The AEO conducted a Sustainable Buildings conference in support of the objectives of the Task Force.
- ◆ Sponsored and supported educational activities around the State such as the Solar Splash at the University of Arkansas – Fayetteville, State and regional science fairs, and the energy exhibit at the Museum of Discovery (over 104,000 students visited the Museum in '06). Also sponsored the development of the Museum's "Coal's Role in America's Energy Supply" curriculum for grades 4-8.
- ◆ Sponsored the Climate Change Emissions Trading conference for Arkansas' industries in partnership with the Arkansas Environmental Federation, issued a grant to the University of Arkansas at Little Rock, Department of Engineering Technology to provide energy training to the Arkansas industrial workforce, and co-sponsored the Industrial Energy Technology Conference (IETC) regional conference.
- ◆ Participated in the Arkansas Public Service Commission's Energy Efficiency Collaborative that will likely result in utility energy efficiency activities across the State.
- ◆ Provided funding support to the University of Arkansas for a measurement and analysis study of their new energy improvements project, and provided funding support to the U of Arkansas, Dept. of Mechanical Engineering to conduct energy measurement and analysis, and develop a training curriculum for small K-12 school districts. Graduate students will participate in the field study, analysis, and development of a facility management-training manual and workshop.

Energy Outreach and Marketing

- ◆ The AEO has purchased Television airtime for the newly developed "winter ad" from November 13 and running through the week of December 4. The ad was viewed throughout Arkansas on major network and cable stations including CNN, A&E, and ESPN. The ad was played for a total of 283 times with viewing impressions over 7 million.
- ◆ More than 43,941 individual publications and resource materials were distributed by the AEO to citizens, building trade industries, design professionals, industrial facilities, special events (Weatherization, EARTH DAY and ENERGY AWARENESS month activities, etc.), government building authorities, and private businesses. More than 228,900 publications, fact sheets, articles, and manuals were downloaded from the AEO website at www.arkansasenergy.org.
- ◆ Partnered with Wal-Mart, SAM's Club and HOME DEPOT for a newsprint ad in the statewide, Arkansas Democrat Gazette, for the national Change-a-Light – Change the World campaign.
- ◆ The Energy Office distributed the first issue of the Energy Connections newsletter that tells of AEO projects, activities, and discusses energy topics of interest; continued publishing the Builders Corner newsletter that is mailed to over 5200 licensed builders in the state, and completed the Arkansas Renewable Energy Consumers Guide and the State Biomass Resources Guide which are available online.

Energy Emergency Response and Preparedness

- ◆ The Energy Office, Public Service Commission, and the Department of Emergency Management have signed an MOU that make the AEO and the PSC jointly responsible for coordinating the energy emergency support function. The AEO is currently going through National Incident Management System training.