

## CITY OF HOT SPRINGS EECBG PROGRAM ACTIVITIES

The EECBG funds will assist in implementing community-wide energy and greenhouse gas emission reductions as well as City operations energy and greenhouse gas emission reduction efforts. The proposed activities will assist the City of Hot Springs in achieving the EECBG goals and objectives.

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| <b>A) Traffic Signal Coordination</b>  | <b>Amount Requested</b> | <b>\$120,600</b> |
| <p>The City will use EECBG funding to complete the traffic light signal coordination project along our heaviest traveled arterial streets. Hot Springs has already committed funding for fiscal years 2008 &amp; 2009 for a communications server with related software and traffic signal equipment for our Central Avenue corridor. The EECBG funding will allow for the completion of the remaining City arterials; Grand Avenue, Malvern Avenue, Airport Road, Albert Pike Road. These Transportation system improvements will help the City of Hot Springs to achieve it's target reductions by decreasing energy and fuel consumption as well as vehicle emissions.</p>          |                         |                  |
| <b>B) Tree Canopy Initiative</b>   | <b>Amount Requested</b> | <b>\$21,700</b>  |
| <p>This project proposes to restore tree canopy coverage by making trees available to the public and private sectors. The Tree Canopy project will also educate the public on the benefits trees contribute to conserving energy by providing shade, as well as, storing carbon dioxide, the primary greenhouse gas. EECBG funds will be used to install a City operated tree nursery, with an easily movable growing system. The nursery will grow trees to a desirable size and be transplanted to public/private groups that make a commitment to properly maintain the trees. A public education program will instruct citizens on the benefits tree provide to an urban area.</p> |                         |                  |
| <b>C) Energy Code Training</b>   | <b>Amount Requested</b> | <b>\$7,700</b>   |
| <p>EECBG funds will be used to provide Green building and Energy code training for Building Inspectors. The inspectors will attend Energy conservation seminars, including energy code testing, to gain the necessary "green" building skills. Educating public and private sectors on building energy efficient structures will give far reaching results. The Energy code training project will assist the City in reducing residential and commercial builder's energy usage and greenhouse gas emissions.</p>  |                         |                  |
| <b>D) Master Trails Implementation Plan</b>  | <b>Amount Requested</b> | <b>\$10,000</b>  |
| <p>The Board of Directors adopted a Master Trails Plan that provides pedestrian/bike walkways within the City. The EECBG funding will provide "Bike Route and Share the Road" signs for installation along designated routes within the City. This will provide safe, off-street linkages to existing destinations, such as parks, schools, libraries, and museums. The proposed location for the signage is along the Central Business Improvement District 3, Ouachita Avenue, and Hobson Avenue. The project will support the EECBG by reducing greenhouse gas emissions and energy usage.</p>  |                         |                  |
| <b>E) HVAC: High Efficiency Retrofit</b>   | <b>Amount Requested</b> | <b>\$20,000</b>  |
| <p>The City proposes to use EECBG funding to replace aging and inefficient HVAC systems for the City Hall facility. Through Entergy's CitySmart program, energy audits of city buildings revealed the ineffective HVAC systems were wasting valuable resources and funds. Replacing the HVAC systems will provide reductions in energy usage, as well as, cost saving practices for the City of Hot Springs.</p>   |                         |                  |