

# **Outdoor Lighting Energy Efficiency Project Hickman-Fulton Counties RECC**

## **Project Description**

Hickman-Fulton Counties RECC is installing 1,715 energy efficient outdoor fixtures throughout its service territory in Hickman, Fulton, Carlisle and Graves Counties. They will replace the existing inefficient lights with the more efficient LED fixtures and will save an estimated 194 kW, 852,117 kWh and \$49,297.55 annually. The reduced energy usage equates to an estimated annual reduction in air emissions of 919 pounds of nitrogen oxide, 2,904 pounds of sulfur dioxide and 1.2 tons of carbon dioxide. Total budget for this initiative is \$652,000 with the Cabinet providing a match of \$316,000 to acquire and install the lamps.

## **Project Objectives**

- Select vendor for purchase of 1,715 (32LEDE60) high efficiency light fixtures
- Purchase fixtures
- Bid installation job to contractors for removal of inefficient light fixtures and installation of new high efficiency light fixtures
- Select contractor(s) and issue contract(s)
- Replace old inefficient fixtures with new high efficiency fixtures.

## **Time-line**

- April 2013 – Vendor selection for fixture installation.
- May 2013 – Order 32LEDE60 light fixtures and complete contractor hiring.
- June – October 2013 – Contractor will remove inefficient light fixtures and install new 32LEDE60 light fixtures.
- November 2013 – Provide a detailed case study that can be used by other utilities.