



PURCELLVILLE STREET LIGHT PROJECT

In March 2011, Loudoun County retrofitted 42 streetlights in Purcellville, Virginia to energy-efficient Light-Emitting Diode (LED) lights.

Environmental Impact

- Reduced 2886 kWh per month; annual reduction=34,636kWh
- The reduction of CO₂ emissions is equivalent to removing 6 cars per year or planting 10 acres of trees
- The LED bulbs are non-toxic and contain no hazardous materials.
- LED lights are 66% more energy efficient than sodium vapor lights

Economic Impact

- Project budget \$38,000
- Created 3 jobs for the duration of the project
- Created an average monthly energy savings of \$202
- LED streetlights last up to 4x longer than the old sodium vapor lights, greatly reducing maintenance & repair costs.

Purcellville Mayor Bob Lazaro on the project:

"The town is committed to saving energy and protecting the environment. The LED streetlight program accomplishes both of these goals. We were delighted to obtain grant money to make this project a reality. Purcellville continues to be a leader in environmental protection."

LOUDOUN COUNTY ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG)

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Check Us Out:



User Name: Green Loudoun

