City of Boise Realizes Dramatic Reduction in Energy and Maintenance Costs with Cooper Lighting LED Street Lighting Luminaires

City is able to keep historical antique look while upgrading technology to increase energy efficiency.

PEACHTREE CITY, GA, September 7, 2011 – With the goal to reduce and save on energy usage as well as maintenance costs along city streets, officials from the City of Boise, Idaho, selected to install four new LED products from Cooper Lighting, an industry leader committed to delivering innovative products and driving transformational technology in the lighting industry. These new products will replace and retrofit over 1,000 city street lights along collector roadways, bridges and in residential areas.

In order to keep the traditional antique look of the lighting fixtures that have been long admired by the community in the historical district of the city, Cooper Lighting worked with city officials to provide a custom, high-performance LED retrofit module to meet their lighting and aesthetic specification requirements. The City of Boise expects to realize a reduction in energy consumption of more than 50 percent, as well as maintenance costs savings due to the longer rated life (50,000 hours) of the new LED street lights. The economic stimulus project is being funded by the federal Energy Efficiency and Conservation Block Grant, part of the American Recover and Reinvestment Act (ARRA) of 2009, and is expected to be completed in September.

After calculating the energy usage of the city’s existing 200-watt, high pressure sodium (HPS) street lights and comparing it to fixtures featuring LED technology, city officials chose several Cooper Lighting outdoor LED products to meet the unique lighting needs across the city. Products selected include Lumark Ridgeview™ LED area luminaires and RC Cobrahead LED roadway luminaires, Invue Epic LED decorative area luminaires and the custom Cooper Lighting LED Decorative Post Top Retrofit Kit.

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“By embracing the use of advanced LED technology, we are helping to create jobs, save taxpayer money and make Boise a more sustainable city,” said Mayor David Bieter. “Those benefits are a perfect combination during this difficult economy. The street lighting upgrade was an easy decision for the city because it is an improvement that will yield benefits for years to come.”

The Cooper Lighting custom, high-performance decorative LED retrofit kit was chosen for this historical district area to maintain the look of the cast iron fixtures that have become iconic in the Boise community. The Lumark Ridgeview LED luminaires (52 watts and 78 watts) were used in both the residential and collector roadways. The street lights feature Cooper’s modular LightBAR™ technology, which delivers uniform illumination and is scalable to allow city officials to design the light levels needed for specific streets with the same fixture. Also featuring Cooper’s LightBAR technology, the Lumark RC LED Cobrahead luminaires (78 watts and 104 watts) are located along main traffic roadways and the Invue EPIC LED decorative luminaires (78 watts) illuminate the East Parkcenter Bridge.

In addition to saving on energy usage, city officials expect to save on maintenance costs as they were replacing their HPS lighting fixtures every 3-5 years and expect to replace the new LED luminaires every 15-17 years.

“During our extensive research for LED street lighting, we found that Cooper Lighting had the credibility, reliability, in-depth knowledge and breadth of offering to best support converting our city to innovative, energy-efficient LED technology that would save Boise thousands of dollars each year in energy consumption,” said Hank Alarcon, Boise Public Works. “Cooper was most willing to meet our very specific needs, because we were adamant about upgrading our technology while keeping our antique poles and glass heads. The Cooper Lighting design team was helpful and integral in moving forward with this huge project.”

“We are pleased that we were able to meet the unique needs of the city of Boise’s LED street lighting upgrade,” said Mark Eubanks, President of Cooper Lighting. “Cooper Lighting is always striving to ensure that our customers meet their energy cost savings goals. We are proud that the city of Boise is reaping the many benefits that our LED products have to offer and are pleased to contribute to this project without compromising the iconic, antique street lights that helped characterize this city.”
Cooper Lighting has made a significant investment in people, resources and technology to ensure the company provides first-class solutions to its customers’ lighting challenges, offering a range of indoor and outdoor LED lighting products and corresponding accessories, all of which are specifically designed to maximize energy and cost savings. For additional information, click here.

About Cooper Lighting
Cooper Lighting, a subsidiary of Cooper Industries plc (NYSE: CBE), is the leading provider of world-class lighting fixtures and controls to commercial, industrial, retail, institutional, residential and utility markets. As lighting technologies have advanced over the years, Cooper Lighting has been at the forefront of the industry in helping businesses and communities leverage the latest technologies to improve efficiency, reduce costs and enrich the quality of the environment. For more information, visit www.cooperlighting.com.

About Cooper Industries
Cooper Industries plc (NYSE: CBE) is a global electrical products manufacturer with 2010 revenues of $5.1 billion. Founded in 1833, Cooper's sustained success is attributable to a constant focus on innovation, evolving business practices while maintaining the highest ethical standards and meeting customer needs. The Company has seven operating divisions with leading market positions and world-class products and brands including: Bussmann electrical and electronic fuses; Crouse-Hinds and CEAG explosion-proof electrical equipment; Halo and Metalux lighting fixtures; and Kyle and McGraw-Edison power systems products. With this broad range of products, Cooper is uniquely positioned for several long-term growth trends including the global infrastructure build-out, the need to improve the reliability and productivity of the electric grid, the demand for higher energy-efficient products and the need for improved electrical safety. In 2010 fifty-nine percent of total sales were to customers in the industrial and utility end-markets and thirty-nine percent of total sales were to customers outside the United States. Cooper has manufacturing facilities in 23 countries as of 2011. For more information, visit the website at www.cooperindustries.com.

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