

# REGAL BELOIT AMERICA, INC.



## BOWLING GREEN, OHIO Efficient Lighting Project

Regal Beloit America, Inc. has served the electrical and electronic component industry since 1955. Its facility in Bowling Green, Ohio, contains manufacturing and warehousing operations, including an electrical test lab to design, engineer, and manufacture products.

### PROJECT GOALS:

Reduce energy consumption at the company's facility.

### SOLUTION:

Install LED lights throughout the facility.

### PROJECT SUMMARY:

In 2015, Regal Beloit America, Inc. became an early adopter of using LED tube lighting technology for lighting upgrades, due to the recent improvements and lower prices on LEDs. The company worked with its lighting vendor, JS Lighting Solutions, LLC, to install LED tube lights, wall packs, and flood lights throughout its facility. Efficiency Smart worked with the vendor to review and verify the energy savings from the project.

To help provide funds for the initial investment in the project, the company took advantage of the Energy Efficiency Revolving Loan Fund (EERLF). EERLF is a program from the Bowling Green Board of Public Utilities and the Bowling Green Community Development Foundation, designed to allocate capital to local projects dedicated to energy efficiency.

Not only did the new fixtures provide energy savings, but since LEDs have a much longer lifespan compared to other lighting options, Regal Beloit America is also saving money on maintenance costs as well.

“ We appreciate the assistance we received from Efficiency Smart on our LED Lighting Project. The LEDs reduce our electricity costs, provide better light with fewer fixtures, reduce the maintenance costs associated with older fluorescent systems, and fit perfectly with our corporate sustainability initiative.”

Brian Mick, Plant Manager, Regal Beloit America, Inc.



### PROJECT FACTS AT A GLANCE

#### Annual kWh Savings:

166,800

#### Annual Cost Savings:

\$9,300

#### Lifetime Cost Savings:

\$92,000

#### Annual CO<sub>2</sub> Reduction

290,000 pounds

### PROJECT PARTNERS

Brian Mick, Plant Manager,  
Regal Beloit America, Inc.

Jan Snyder, President,  
JS Lighting Solutions, LLC

Suzanne Clark, Executive Director,  
Bowling Green Community  
Development Foundation

Brian P. O'Connell, P.E.,  
Utilities Director,  
City of Bowling Green