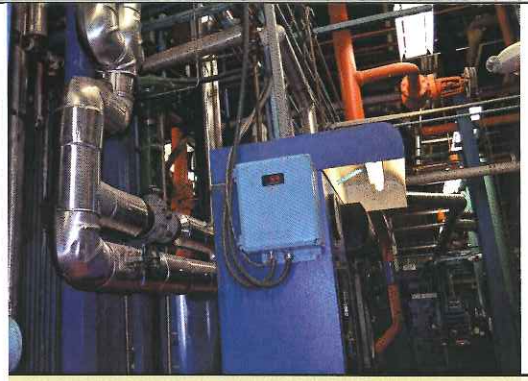

CENTERPOINT ENERGY'S COMMERCIAL & INDUSTRIAL SOLUTIONS PROGRAM

CASE STUDY

PROJECT AT A GLANCE

56,568
Total CCF savings

$30,072
Estimated annual savings

$45,311
Incentives paid

0.5
Payback period in years

To learn more about how the Commercial & Industrial Solutions Program can help your company, visit CenterPointEnergy.com/CustomSolutions.

BRIDGESTONE AMERICAS TUBE BUSINESS (BATB)

The opportunity

Bridgestone Americas' Russellville, Ark. location produces quality synthetic and natural rubber inner tubes for both on- and off-highway usage, as well as tire bladder stock for other Bridgestone plants. Already a leader in the inner tube industry, the manufacturing giant saw an opportunity to become a leader in energy efficiency as well.

In response to high energy costs, decision makers enlisted the help of CenterPoint Energy's Commercial & Industrial Solutions Program to determine how to increase the energy efficiency of the 240,000 square-foot manufacturing facility.

The projects

During an on-site inspection, the program team directed its attention to inadequate insulation. In order to achieve maximum savings, all damaged and missing insulation on steam pipes needed to be replaced. While pleased that an area of improvement had been identified, both decision makers and the program team still needed to address Bridgestone's limited time frame to complete the massive project on a relatively tight budget.

To make the insulation project possible, both timing- and financing-wise, it was broken into three phases. While phase three is still underway, it is anticipated to be completed in April 2013, meaning the entire project will be completed in only nine months.

Phase	CCF Savings	Incentive
1	13,087 CCF	$10,470
2	19,252 CCF	$15,402
3	24,229 CCF	$19,439

The results

By breaking the project into three phases, Bridgestone will be able to insulate more than 1,300 feet of steam pipe. Upon completion of phase three, Bridgestone will save more than 57,100 CCF annually, equivalent to the green house gas emissions avoided by recycling 109 tons of waste instead of sending it to the landfill, according to the Environmental Protection Agency.

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