



# Ensuring an Environmentally Brighter Future

In 2013, Waupaca Foundry launched an initiative to begin retrofitting its six locations with LED light fixtures. Replacing all lighting units in Waupaca Foundry's total 2.2 million square feet of plant space could save upwards of 40 million kilowatt hours per year. A plant-by-plant plan was developed with additional financial incentives to help defray costs. Our ductile iron foundry in Etowah, Tennessee, is the biggest electricity user in its community and was chosen as a starting place for a total retrofit.

## Win-Win!

Waupaca Foundry retrofitted the Etowah, Tenn., ductile iron foundry with LED light fixtures. **LED bulbs use 75% less energy and last up to 10 years longer** than incandescent bulbs.

- **1,016 metal halide and T12 light fixtures were replaced** at a cost of \$750,000. The plant **received a \$399,830 rebate** from Etowah Utilities and the Tennessee Valley Authority.
- In Marinette, Wisconsin, Plant 4 is midway through a similar across-the-board production floor upgrade and has already **received a \$57,000 rebate** from Wisconsin's Focus on Energy program.
- **Since LEDs last longer, we also save considerable maintenance costs.** Energy savings allows us to reinvest in other sustainability initiatives and technologies to help defray the rapidly rising cost of energy.

**5,088,000 kilowatt hours saved;** equivalent to the annual **electricity use of 339** average Tennessee homes



**Reduction of 3,500 tons per year of CO2 emissions** equating to **885 acres of trees** planted annually



Waupaca Foundry is leading the industry in environmental innovations and sustainable practices.

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