



retail

Case Study

freezing costs



Grocery chain cut refrigerated case lighting costs with LED system

Food City is saving \$337,000 a year in energy and maintenance costs

THE SITUATION

Food City operates 104 supermarket outlets in the tri-state region of Southeast Kentucky, Southwest Virginia and Northeast Tennessee. Fed up with the high energy costs and the maintenance hassles of fluorescent fixtures in vertical refrigerated and frozen cases, the grocer launched a competitive evaluation of several LED refrigerated display lighting technologies at its flagship store in Abington, Virginia. Grocers have a variety of strategic options when it comes to saving on the bottom line, but LED quickly pulled ahead as the smartest choice.

THE SOLUTION

Food City upgraded to a LED lighting system in 7,400 display case doors across 89 stores.

Bright, sparkling coolers command shoppers' attention while total annual energy savings for Food City will exceed \$300,000 now that the grocery chain uses 1,965,000 fewer kilowatt hours of electricity. Added to maintenance savings, Food City's lighting and refrigeration costs have fallen an estimated \$337,000 a year, nearly \$3,800 per store.



OPERATING IMPACT

- \$337,000 in combined annual energy and maintenance savings
- 1,965,000 fewer kilowatt hours of electricity



ENVIRONMENTAL IMPACT

More than 1,152 metric tons of CO₂ eliminated annually:
 = more than 313 new acres of trees
 = more than 227 cars off the road

