

FedEx[®] Supply Chain saved over \$223k annually with a TVA EnergyRight[®] LED lighting upgrade.

FedEx Supply Chain partnered with MLGW and TVA EnergyRight to improve energy efficiency at its 24/7 distribution center in Memphis, Tennessee. Thanks to the incentive and lighting upgrade, FedEx improved working conditions, reduced operating costs and enjoyed long-term savings and a faster return on investment.

THE CHALLENGE

A 24/7 distribution center relied on more than 2,200 aging fluorescent fixtures that had lost light output over time — driving up energy costs and compromising lighting quality across the facility.

THE SOLUTION

Taking advantage of the TVA EnergyRight LED lighting incentive, FedEx Supply Chain replaced existing T5, T8 and T12 fluorescent fixtures with high-efficiency LED retrofit tubes designed for durability, efficiency and consistent light output.

THE IMPACT

The upgrade reduced annual energy use by more than 1.75 million kWh, generated \$223,679 in annual energy cost savings and created a brighter, safer working environment for employees while delivering strong long-term returns.

PROJECT PAYBACK PERIOD:
67% faster
with the incentive.

INCENTIVE AMOUNT:
\$175,435

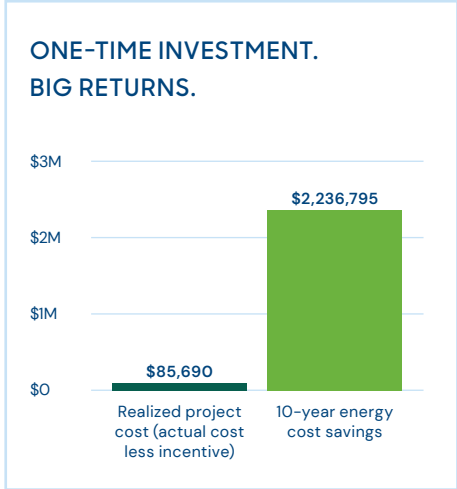
ANNUAL COST SAVINGS:
\$223,679

ANNUAL ENERGY SAVINGS:
1,754,349 kWh

PROJECT COST:
\$261,125

PAYBACK PERIOD:
4.6 months

10-YEAR ANTICIPATED ROI:
2,510%



See how TVA EnergyRight incentives can help power your next efficiency upgrade



To connect with a TVA Energy Expert, submit the form at EnergyRight.com/business-industry/energy-expert



Explore more energy management solutions at EnergyRight.com/business-industry