

# TriStar Centennial Medical Center saved nearly \$168K annually with a TVA EnergyRight® LED lighting upgrade.

Nashville's TriStar Centennial handles more than 33,000 patient admissions and 90,000 emergency room visits per year. Through a partnership with Nashville Electric Service (NES) and TVA EnergyRight, the medical center improved indoor lighting across its tower, leading to long-term savings.

## THE CHALLENGE

TriStar Centennial relied on incandescent, fluorescent and early model LED fixtures, which were deteriorating and making operating costs more expensive than necessary.

## THE SOLUTION

Thanks to LED Lighting Incentives from TVA EnergyRight, the hospital replaced 5,391 existing fixtures with modern LED tubes and screw/pin-based LED fixtures. This longer-lasting solution costs a fraction of the price to operate than original fixtures.

## THE IMPACT

The upgrade reduced annual energy use by 1,317,300 kWh, enough to power more than 184 homes for an entire year. The update also saved \$167,956 in yearly costs, with a projected \$1,679,558 savings over 10 years.

PROJECT PAYBACK PERIOD:

**12% faster**  
with TVA EnergyRight incentives.

INCENTIVE AMOUNT:  
**\$52,692**

ANNUAL COST SAVINGS:  
**\$167,956**

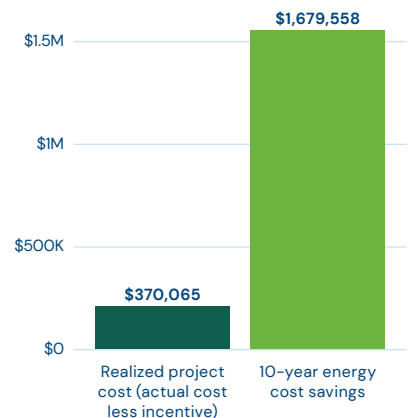
ANNUAL ENERGY SAVINGS:  
**1,317,300 kWh**

PROJECT COST:  
**\$422,757**

PAYBACK PERIOD:  
**2.2 years**

10-YEAR ANTICIPATED ROI:  
**354%**

ONE-TIME INVESTMENT.  
BIG RETURNS.



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](https://EnergyRight.com/business-industry/energy-expert)



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