

Vanderbilt University Medical Center saved over \$377K annually with a TVA EnergyRight® HVAC optimization upgrade.

Vanderbilt University Medical Center (VUMC) partnered with NES and TVA EnergyRight to optimize energy performance across nearly one million square feet of hospital space. Incentive support and expert guidance helped reduce operating costs, improve system reliability and accelerate payback — without disrupting patient care.

THE CHALLENGE

An infill chiller plant required constant adjustments to meet fluctuating capacity and weather demands, increasing energy use, costs and operational complexity.

THE SOLUTION

With guidance from Hobbs & Associates, a TVA EnergyRight Preferred Partner Network member, VUMC implemented a chiller optimization upgrade that qualified for a custom HVAC incentive and significantly improved system efficiency.

THE IMPACT

The upgrade reduced annual energy use by over 2.9 million kWh and generated \$377,462 in yearly cost savings. Incentive support shortened payback to under one year, delivering fast financial and operational returns.

PROJECT PAYBACK PERIOD:
41% faster
with the incentive.

INCENTIVE AMOUNT:
\$243,855

ANNUAL COST SAVINGS:
\$377,462

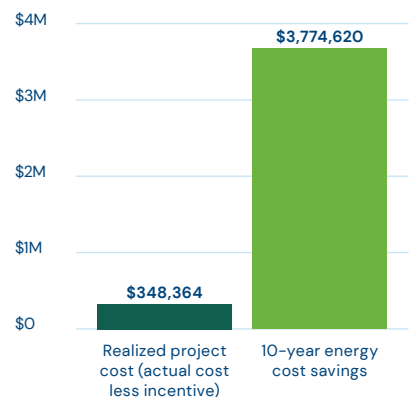
ANNUAL ENERGY SAVINGS:
2,960,486 kWh

PROJECT COST:
\$592,219

PAYBACK PERIOD:
11 MONTHS

10-YEAR ANTICIPATED ROI:
984%

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



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