

Freedom Real Estate unlocks HVAC efficiency and saves over \$59K annually with TVA EnergyRight retro-commissioning.

Freedom Real Estate and Capital, LLC recently completed three projects across buildings in its Huntsville, AL, complex. Partnering with Trane®, a member of the TVA EnergyRight Preferred Partners Network (PPN), the company used TVA EnergyRight incentives in collaboration with Huntsville Utilities to optimize HVAC operations and improve building performance.

THE CHALLENGE

Freedom wanted to improve HVAC efficiency across three office buildings without replacing major equipment. The team needed a non-capital solution to reduce energy use while maintaining building performance.

PROJECT PAYBACK PERIOD:

816% faster
with TVA EnergyRight incentives.

INCENTIVE AMOUNT:
\$23,252

ANNUAL COST SAVINGS:
\$59,291

ANNUAL ENERGY SAVINGS:
465,025 kWh

PROJECT COST:
\$2,848

10-YR ENERGY COST SAVINGS
(PROJECTED):
\$592,907

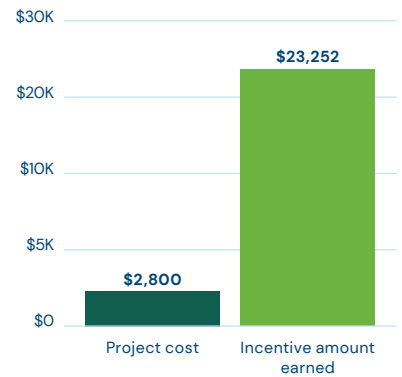
THE SOLUTION

Freedom updated rooftop unit controls using retro-commissioning strategies, in accordance with ASHRAE Guideline 36, to dynamically adjust air temperature in response to real-time building demand.

THE IMPACT

Freedom cut campus energy use enough to power 65+ homes annually and is now pursuing monitoring-based commissioning to earn additional incentives through sustained savings.

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