








### Services

-  Energy Audit
-  Lighting and Controls Upgrade
-  High-Efficiency HVAC Installation and Controls
-  Water Conservation
-  Compressed Air Survey

## MedStar Montgomery Medical Center

Location: Olney, MD  
 Project Type: ASHRAE Level II Audit  
 Size: 369,013 sf

### Detailed Energy Audit Report

MedStar hired Energescosolutions to perform an ASHRAE Level II energy audit of their Montgomery County Medical Center. Energescosolutions identified 10 energy conservation measures and 12 water conservation measures for this facility. An annual savings of 30% of utility costs was identified in the energy audit report. These recommendations would improve the facility's Energy Star score from a ranking of 8 to 71.

Recommended energy projects included boiler and chiller replacements, lighting retrofits, a steam trap survey, boiler stack economizers, a controls upgrade, a compressed air system leak check, high efficiency motors, CAV air supply to VAV, fan belt improvements, and filter upgrades.

### FINANCIAL / PERFORMANCE HIGHLIGHTS

COST OF ENERGY PROJECTS	\$4,599,750
ANNUAL SAVINGS	\$695,760
GRANT FUNDING	\$1,200,000
SIMPLE PAYBACK	4.9 years
KWH SAVED	2,384,000
THERMS SAVED	462,144