









Courts at Walker Mill

Location: Capitol Heights, MD
 Project Type: Energy efficiency upgrades
 Size: 12 buildings, 200 residential units

Services

-  Energy Audit
-  LED Lighting Design and Implementation
-  Lighting Controls
-  High-Efficiency HVAC Installation and Controls
-  Building Envelope Upgrades
-  Construction and Project Management

Installation

-  LED Light Fixtures, Lamps and Retrofits
-  Lighting Controls
-  Low-Flow Water Conservation Measures
-  HVAC System and Controls Upgrades
-  Air Filtration System Upgrades
-  ENERGY STAR-Certified Windows

Cost-Savings and Improved Quality of Life

The Courts at Walker Mill is a 200-unit, garden-style multifamily property constructed in 1969. We performed an energy audit of the building to identify possible energy-reducing measures, allowing residents to conserve both energy and money. Our recommendations focused on outdated lighting, water fixtures, HVAC systems, ventilation systems, insulation, and the building envelope.

We helped secure funding from Maryland's Department of Housing and Community Development and managed the installation of Energy Conservation Measures (ECMs). All units received numerous improvements, including light bulbs, aerators, showerheads, HVAC systems, smart thermostats, bathroom exhaust fans, and building envelope air sealing. Common areas received occupancy sensors, aerators, and air sealing installations as well.

FINANCIAL / PERFORMANCE HIGHLIGHTS

COST OF ENERGY PROJECTS	\$1,851,646
ANNUAL SAVINGS	\$247,969
GRANT FUNDING	\$1,777,030
SIMPLE PAYBACK	0.3 years
KWH SAVED	1,113,244
THERMS SAVED	193,398
KGAL SAVED	5,232