

FAIR SHARE NORTHGATE II

CAMDEN, NJ, USA

RESIDENTIAL

BUILDING MANAGEMENT

Fair Share Northgate II is an affordable housing, high rise apartment building with an evolving project plan to improve comfort and indoor air quality, bringing the building into the 21st century. Utility costs were initially benchmarked and it was determined that gas and electric spending was higher than it should have been.

PROJECT DETAILS

Reliable Controls[®] Authorized Dealer, Phillips-McDade, successfully completed a retrofit installation for this high rise apartment building in Camden, New Jersey. After winning the contract, Phillips-McDade found that approximately one third of the existing equipment was not functioning properly. After a few months of repair and familiarization, the contractor, in conjunction with the property management company, committed to installing a building management system based on the Reliable Controls MACH-System.

The project evolved from the installation of MACH-Stats on indoor air handlers, and grew to include the common areas and central ventilation units. The primary HVAC components include: two large, roof-mounted energy recovery units, several indoor air handlers for the common areas.

The resulting energy savings were significant, with power consumption reduced 176,000 kWh, saving several thousand dollars each month, in addition to the improved comfort and indoor air quality. The Reliable Controls MACH-System also allowed issues to be corrected rapidly, saving valuable time in diagnosing and reducing operational inefficiencies.

To learn more about projects using Reliable Controls[®], visit www.reliablecontrols.com/projects/overview.



PROJECT TYPE:

Retrofit

INSTALLATION TYPE:

CO₂ Monitoring
Heatpump
HVAC
Power Monitoring
Energy Recovery Units

TOTAL AREA:

220,000 m²

EQUIPMENT INSTALLED:

1 MACH-ProCom[™]
2 MACH-Stat[™]
9 MACH-ProZone[™]

NETWORK:

EIA-485

INTEGRATION:

BACnet

TOTAL SYSTEM POINTS:

200 points

RELIABLE CONTROLS[®] DEALER:

Phillips-McDade

www.reliablecontrols.com