

Planting the Seed for Better Lifestyles

Energy reduction project regrows garden community in New Jersey

Orchard Gardens

40% reduction of natural gas costs

94% efficient heating boilers

"We have realized substantial energy savings and increased comfort for residents as a result of the PSE&G retrofit project."

- Mike Zucker, Property Manager

Safer and More Affordable Housing for Students, Seniors and Families

Orchard Gardens

Highland Park, NJ

About the Project

Orchard Gardens is an existing, affordable development located in Highland Park, NJ containing 208 apartments in 52 two-story buildings. Orchard Gardens is funded by the PSE&G Residential Multifamily Housing Program, which funds a comprehensive audit and follows the project through to commissioning to ensure energy savings are realized.

The owner and management team worked closely with PSE&G and MaGrann to identify opportunities to improve the building from an energy, comfort and safety perspective.

MaGrann Associates developed energy saving measures to provide maximum savings, meeting a 15 year or better payback.



Energy Reduction

- Insulation and air sealing
- Spray foam and blown insulation in attics
- New high efficiency heating boilers and circulation pumps
- Heating distribution improvements for better control
- New domestic hot water heaters and pumps

Owner: Jersey Central Management
Energy Consultant: MaGrann Associates
Contractors: A&S Boiler, Regency Spray Foam
Program: PSE&G Residential Multifamily Housing Program
Project Style: Existing Multifamily Garden Style Apartments
Project Size: 211,630 sf

