

SPOTLIGHT

Deep Energy Retrofit



EVA WHITE APARTMENTS

Annual Energy Use Reduction:

67% 440 Tremont St.

49% 450 Tremont St.

Retrofit Type: Deep Energy Retrofit

Project Summary:

The Eva White Apartment complex consists of 102 units between two seven-story buildings.

Castle Square Tenants Org and WinnCompanies started by assessing the buildings' existing conditions and capital needs, accounting for variables like deferred maintenance in both the residential units and at the building systems level. Tenants were also engaged early with meetings to explain renovation and retrofit details and to collect feedback. The thorough planning and performance-driven design led to a comprehensive overhaul of the building envelope and mechanical improvements, including new wall and roof insulation; peerless triple-glazed windows; and new high-efficiency heating, cooling, ventilation, and domestic hot water systems.

The renovation will also provide upgraded in-unit appliances, lighting, and cooktops to reduce internal equipment loads. The project is still ongoing but is a great example of why it is important to celebrate the interim progress along the way of a decarbonization journey.



Building Owner: Castle Square Tenants Organization and WinnCompanies

Building Type: Affordable, multi-family

Project Timeline: December 2024 with an estimated completion in 2026.

