

CASTLE SQUARE AT A GLANCE



Other Funds:

HUD Green Retrofit Program \$6.75 million

Massachusetts Department of Energy

\$4.4 million

National Grid rebates \$896,505

Originally built in the 1960s, **Castle Square** is a 500-unit low- and moderate-income apartment community in Boston's South End.

MassHousing has provided \$54 million in loans (a \$44 million construction loan and a \$10 million bridge loan) to the Castle Square Tenants Association (the majority owner) and WinnDevelopment of Boston (the minority owner) to finance substantial renovations to the buildings that house a large and diverse population.

The size of the development coupled with cutting edge energy efficiency upgrades has led to its designation as **the largest deep energy retrofit in the United States.**

Once the renovation is completed, Castle Square's owners expect to realize reductions of up to 71% in the natural gas needed for heat and 78% for hot water. Electricity usage is also expected to decrease by up to 60 percent. The 192-unit Tremont Street midrise is expected to be the first building of its size to achieve energy savings of 72%. The savings will be achieved through a new, super-insulated building shell; high efficiency windows; lighting; appliances and mechanical systems; an insulated reflector roof and aggressive air sealing.



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