



Renaissance Apartments

Richmond, Virginia

Sitting on 18 acres in a park-like environment are the Renaissance Apartments, subsidized homes for the elderly, disabled, and handicapped.



The Challenge

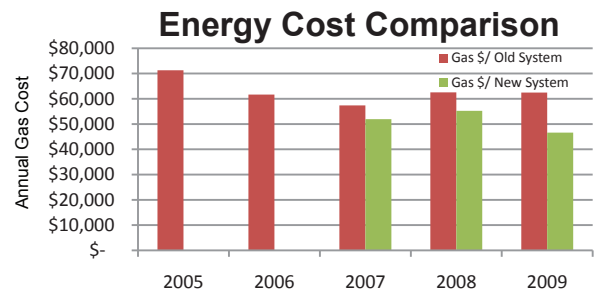
Facility managers, Amurcon Realty, realized they had a problem at the Renaissance. The time had come to replace the old equipment keeping their residents comfortable. The Renaissance's make-up air unit, two air cooled chillers, and 10 modular triad boilers were all getting too old to work at the conditions needed for the apartments to operate.

Through previous service experience with ColonialWebb, Amurcon had a trusting relationship with the mechanical firm and asked for a proposal. After inspecting the facility, ColonialWebb's team recognized the Renaissance's gas bill was above average and although Amurcon was not considering energy efficient equipment, they could significantly reduce their gas cost with a new boiler system.

The Solution

By replacing the old boiler system with a cost effective energy reducing one, the Renaissance Apartments would save thousands of dollars a year in gas consumption. After inspecting the boilers, ColonialWebb, in clear terms, compared the energy efficiency of the proposed boiler system to the one the Renaissance originally had.

Although Amurcon received other proposals, they chose ColonialWebb's to perform all the work including their "green" approach to the apartment's boiler system. Not only did the mechanical team install a customized boiler system that worked within the Renaissance's confines, they performed the entire project turnkey. ColonialWebb delivered the best long term cost effective solution.



The Results

ColonialWebb completed the entire project within six months, on time, and within budget. Through the first year alone, Amurcon saw their gas consumption drop by an estimated 16%. Since the energy efficient retrofits, they have saved a total of \$43,109 with an average gas savings of 6,633 CCF a year.

