



# Energy Efficiency Case Study

Brought to you by Columbia Gas

## Pioneer Valley Condominiums 100 units

### Chicopee, MA

Pioneer Valley Condominiums (PVC) is located at Colonial Circle in Chicopee. Originally built as apartments in 1957, PVC was established in 1981 and is comprised of one and two bedroom units.

### Project Summary

In early 2012, PVC contacted Columbia Gas for an energy assessment. Columbia Gas's energy specialist reviewed everything from the attics to the boiler rooms in four buildings and identified several energy improvements.

#### PVC installed:

- Three high efficiency boilers
- Three indirect DHW tanks
- Attic insulation
- Low-flow showerheads
- Low-flow faucet aerators
- Programmable thermostats
- Air sealing

Columbia Gas contributed \$61,190 toward the natural gas energy improvements that totaled \$130,240. These improvements should save over 15,370 therms and approximately \$16,890 per year.

**“PVC’s enthusiasm and commitment to the project was inspiring. PVC installed many of the recommendations from the energy assessment to improve the way they spend their energy dollars. We look forward to working on next phase of this project in hopes to find innovative ways to address PVC’s hot water system.”**

Kara Gray  
Program Manager at Columbia Gas

### Mass Save as a Strategic Partner

Whether you are building a new manufacturing facility, upgrading old, inefficient equipment or manage a property in need of energy improvements, the Sponsors of Mass Save will help you identify cost-effective energy efficiency improvements, provide technical assistance, and offer financial incentives in addition to interest-free loans to help kick-start your company’s next big project. To learn about these and other commercial and industrial energy efficiency programs available, visit [MassSave.com/Business](http://MassSave.com/Business).

#### Need

Improve energy efficiency, reduce operating costs and increase residents comfort.

#### Solution

Installation of high-efficiency heating equipment, building shell improvements, and energy-saving shower heads and aerators.

#### Project Cost

\$130,240

#### Mass Save Sponsor Incentives

\$61,190

#### Estimated Annual Savings

\$16,890

#### Customer Payback

Less than 5 years

### About Mass Save:

Mass Save® is a collaborative of Massachusetts’ natural gas and electric utilities and energy efficiency service providers including Berkshire Gas, Blackstone Gas, Cape Light Compact, Columbia Gas, Eversource, Liberty Utilities, National Grid, and Unil. We empower residents, businesses, and communities to make energy efficient upgrades by offering a wide range of services, rebates, incentives, trainings, and information.

BROUGHT TO YOU BY:

