

## Success Story: Beekman Hill Cooperative

Property Management | Customer  
**Beekman Hill Cooperative**

Participating Contractor  
**Ventrop Engineering Consulting Group, LLC**

Location | Building  
**Manhattan, NY**

### Overview

The luxurious 13-story Beekman Hill Cooperative in Manhattan needed to upgrade its inefficient 60-year-old steam heating, cooling, and hot water system. Excited by the opportunity to lead in sustainability, residents partnered with Ventrop Engineering and **Con Edison's Clean Heat Program** to electrify the outdated system.

Electrifying Beekman Hill proved more complex than anticipated due to the existing system design, which serves chilled and hot water via 2-pipe distribution to fan coil units. Ventrop found this setup incompatible with standard electrification methods, making for costly and disruptive construction. Determined to find a solution, Ventrop and residents explored innovative technologies that could work with the existing infrastructure.

With **\$1 million in incentives** from **Con Edison's Clean Heat Program** and \$159,000 from NYSERDA's Low Carbon Pathway, they installed Colmac Water-to-Water heaters and Aremec Heat Pumps. These systems produce chilled and hot water compatible with the building's 2-pipe system, allowing Beekman Hill to successfully electrify its space cooling, heating, and hot water without a complete overhaul.

These upgrades helped achieve a **60% reduction in energy use** and a **76% decrease in greenhouse gas emissions**, compared to the prior steam system. Beekman Hill residents now enjoy lower energy bills, improved comfort, and set an example for other New York City buildings.

### Highlights

Total Project Cost:	Con Edison Incentive:		Customer Copay:
\$2,800,000	\$1,000,000		\$1,641,000
Energy Savings:	Built:	Sq. Ft.:	Number of Stories:
108,791,20 Therms	1962	158,413	13

### Testimonial

**“Initially, full electrification appeared to be our most expensive option, but Con Edison incentives made it financially possible. We now take pride in being one of the city’s first fully electrified co-ops.”**

—Randy Gerner, Board Member, Beekman Cooperative

### Get Started

## Multifamily Energy Efficiency Program

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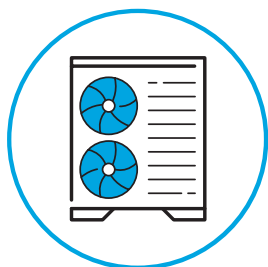
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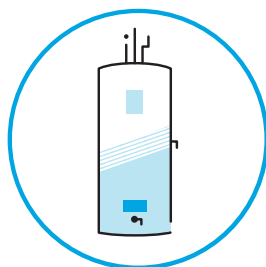


## Join the Thousands of Local Multifamily Building Owners Saving Energy & Money

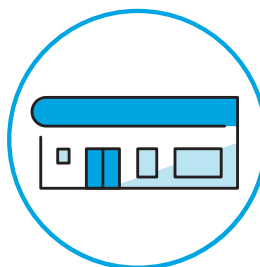
We also have incentives for the following upgrades:



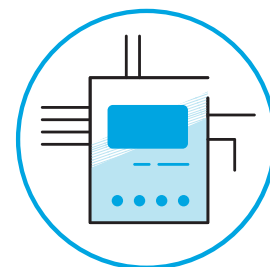
**Heating, Cooling,  
Ventilation (HVAC)**



**Hot Water System**



**Building Envelope**



**Energy Management  
Systems**

**Get Started**

[conEd.com/Multifamily](https://conEd.com/Multifamily) | 1-844-316-4288 | [Multifamily@conEd.com](mailto:Multifamily@conEd.com)