



conEdison

STEAM ENERGY

**BUILDING ON STEAM —  
A POWERFUL HISTORY AND A  
COMPELLING PRESENCE TODAY**

**For 125 years, Con Edison's district steam energy has provided heat, hot water, and cooling to most of New York's most famous landmarks.**

**As the city skyline changes and grows, more and more prestigious buildings use Con Edison steam to meet their heating and cooling needs. The new Hearst Tower in midtown Manhattan, Gramercy Park Hotel, Time Warner Center, and 7 World Trade Center — have all chosen steam.**

**Today, Con Edison Steam customers enjoy an energy source that is reliable, clean, efficient, space saving, environmentally friendly, and competitively priced.**



#### **SAFETY AND RELIABILITY**

Con Edison is strongly committed to the safety and reliability of our district steam system, which is the largest in the United States.

Our \$200 million, ten-year Steam Enhancement Program, completed in 1999, improved the reliability and structural integrity of our steam system. We replaced and upgraded more than 6,000 components of the steam distribution system with enhanced design and technology. We also invest \$70 to \$80 million annually in our generation and distribution systems to ensure the highest levels of reliability and safety. In addition, in 2005 we completed a repowering project of our flagship cogeneration power plant at East River Station.

With an installed capacity of about 13 million pounds per hour, we maintain the steam production capability to meet forecasted heating and cooling peak loads, plus reserve for unexpected needs.

#### **CLEAN AND EFFICIENT**

When businesses choose steam, they choose to improve air quality.

▶ Con Edison steam facilities are operated and continuously monitored to minimize emissions. Our facilities utilize clean and efficient cogeneration technology and use low sulfur oil or clean-burning natural gas.

▶ Con Edison has implemented various nitrogen oxide (NOx) emission control technologies at its steam generating facilities, resulting in system-wide NOx emission reductions of approximately 50% over the past five years. Steam's just cleaner – it's produced from a central facility and delivered directly to you without oil delivery trucks idling on busy city streets.

#### **SPACE SAVING**

Steam frees up valuable space, the one thing New Yorkers want more of. Piping steam from our central steam plants to your building eliminates the need for bulky and expensive heating equipment on your property leaving space for more profitable uses, such as additional storage, more garage parking, and/or tenant space.

#### **TEST YOUR ENERGY AWARENESS**

##### **Q. WHAT...**

- ▶ is 125 years old
- ▶ delivers 27 billion pounds annually
- ▶ is the largest in the United States
- ▶ offers space efficiency, lower capital cost, and 99.999% reliability
- ▶ is competitively priced, and
- ▶ helps everyone in the New York City metro area breathe easier?

**A. STEAM FROM CON EDISON, COOLING AND HEATING FOR THE FUTURE.**

**HISTORY THE STEAM SYSTEM OPENED FOR BUSINESS IN 1882. BY THE EARLY 1930'S, STEAM WAS PROVIDING HEAT TO MORE THAN 2000 BUILDINGS IN NEW YORK CITY, INCLUDING THESE FAMOUS LAND-MARKS: GRAND CENTRAL TERMINAL, THE EMPIRE STATE BUILDING, THE CHRYSLER BUILDING, THE DAILY NEWS BUILDING, AND ROCKEFELLER CENTER.**

#### ADDITIONAL BENEFITS OF STEAM

- ▶ Capital avoidance and risk mitigation
- ▶ Better building aesthetics (e.g., no flues)
- ▶ More rentable space for building owners
- ▶ No licensed boiler operators required for high-pressure absorption chiller operations
- ▶ Avoidance of boiler operation expenses – service contracts, chemical costs, water treatment, and maintenance

#### COMPETITIVE PRICING

Converting your existing boiler plant to district steam service, and replacing your electric chillers with steam chillers, or installing Con Edison steam service from the beginning, can save you money.

- ▶ Our steam rates are competitive with those of alternative sources of energy. Steam is also a lower cost alternative to electric during summer peak demand periods.
- ▶ Our Negotiated Fuel Cost Program helps customers reduce the volatility associated with fuel costs. You can obtain a fixed price for a portion of your steam Fuel Adjustment Charge during the heating and cooling seasons.

#### STRONG CUSTOMER RELATIONSHIPS

We are strengthening our customer relationships to provide the highest levels of customer service. We have the engineering expertise to assist our clients in planning, building, installing, and maintaining their steam systems. We also offer free customer seminars on how to maintain and operate your equipment safely and efficiently. These seminars are held at our Learning Center in Long Island City, Queens.

Ready to find out if steam is your best choice for economical, reliable, and environmentally friendly heating and cooling?

Building on STEAM:  
Smart Technology for Energy  
Asset Management

Please call or write to find out more: 1-212-460-2011;  
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You can also visit our Web site at  
[www.coned.com/steam](http://www.coned.com/steam)

**THERE'S A NEW ENERGY IN STEAM. UPTOWN, DOWNTOWN, ALL AROUND THE TOWN CON EDISON SUPPLIES STEAM TO CUSTOMERS FROM THE SOUTHERN TIP OF MANHATTAN TO 96TH STREET ON THE WEST SIDE AND 89TH STREET ON THE EAST SIDE.**

