

Improve your effect on the environment

Because of its environmental benefits, using steam can help you improve your ENERGY STAR® rating and earn points toward LEED® (Leadership in Energy and Environmental Design) certification.

When you use steam, you improve air quality, shrink your carbon footprint, and can eliminate refrigerant by using absorption chillers.

Using district steam reduces emissions of air pollutants and greenhouse gases:

- from your building because you avoid using an onsite boiler, combined heat and power plants, and fuel oil in your building, and help reduce overall demand for trucks to deliver fuel oil.
- in the city overall because we produce steam efficiently and use clean natural gas and cogeneration technology.
- by reducing overall demand for electricity. Our existing steam cooling customers reduce the peak summer demand for electricity by about 300 megawatts.

Increase valuable space

Because steam is delivered directly to your building, you don't need to use space for large heat-generating equipment. Now you can dedicate more space to profitable uses, such as tenant space, additional storage, and garage parking.

Our steam plants are green

We use clean-burning natural gas and low-sulfur oil to produce steam. We continuously monitor our steam facilities to minimize emissions. We use state-of-the-art technology and equipment to keep emissions of nitrogen oxide and carbon monoxide, in particular, below stringent regulatory thresholds.

We produce steam efficiently. For half the steam we produce, we generate both steam and electricity at the same time, which saves customers money and reduces emissions.



How does steam work?

Con Edison's steam system is the largest district steam system in the world. A district steam system generates steam at central plants and distributes the steam through a network of underground pipes directly to buildings. We operate four steam plants and 105 miles of steam mains and service pipes in Manhattan. Our system runs from Battery Park to 96th Street on the west side and 89th Street on the east side.

We maintain enough steam capacity to meet forecasted demand for heating and cooling, plus a reserve to cover equipment outages.

How to get started

To learn more about what steam can do for you, contact us at **1-212-460-2011** or **SteamSales@conEd.com**, or visit us at **conEd.com/steam**.

We will answer your questions and visit your building to assess your energy needs. We will help connect you to Con Edison steam service, convert your existing boiler plant to steam, replace your electric chillers with steam chillers, or enhance your existing service.

Steam is reliable

Con Edison continuously maintains and upgrades the steam system and uses state-of-the-art technology to avoid service interruptions.

We invest each year to keep our steam system ready to meet your energy needs now and well into the future.

For more than 130 years, Con Edison has been providing reliable steam service to meet our customers' diverse needs. We continually invest in our system so you can count on us for the next 130 years.

We are ready to help you plan, build, install, and maintain your steam system.

We also offer free customer seminars and information about best practices to help you learn more about steam and how to run your building more efficiently. We look forward to helping you with all your steam heating and cooling needs.

Building on Steam

Steam can help you save money, improve your effect on the environment, and increase valuable space.



What is steam?

Steam provides heat, hot water, and cooling for buildings of all sizes throughout most of Manhattan. Steam also provides humidification for museums and libraries, and sterilization for medical and food-processing facilities.

Who uses steam?

Most of Manhattan's largest and most famous buildings rely on steam. But you don't have to be a skyscraper to enjoy the benefits of steam. Whether you run a small business, apartment building, hospital, or religious institution, just about any building large or small can take advantage of steam.

Why choose steam?

Steam can help you manage your energy costs, improve your effect on the environment, and increase valuable space.

Manage your energy costs

The cost of steam service is competitive with alternative energy services. And steam cooling costs less than electricity on the hottest days of the year, when demand for electricity peaks.

Steam cooling is an alternative that can save money by avoiding electric costs in infrastructure upgrades and peak demand.

Using a hybrid chiller will allow you to save money by switching from electricity to steam on the hottest days.

When you use steam, you don't need to invest in large and expensive central boiler plants. And you avoid operation and maintenance expenses, including the expenses of service contracts, chemicals, and water treatment.

Steam can also help you reduce the amount of potable water your building uses. By using collected steam condensate for nonpotable water uses, you can save on your water bill.

Using steam also helps you manage your energy costs and reduce price volatility associated with fuel costs during both heating and cooling seasons.



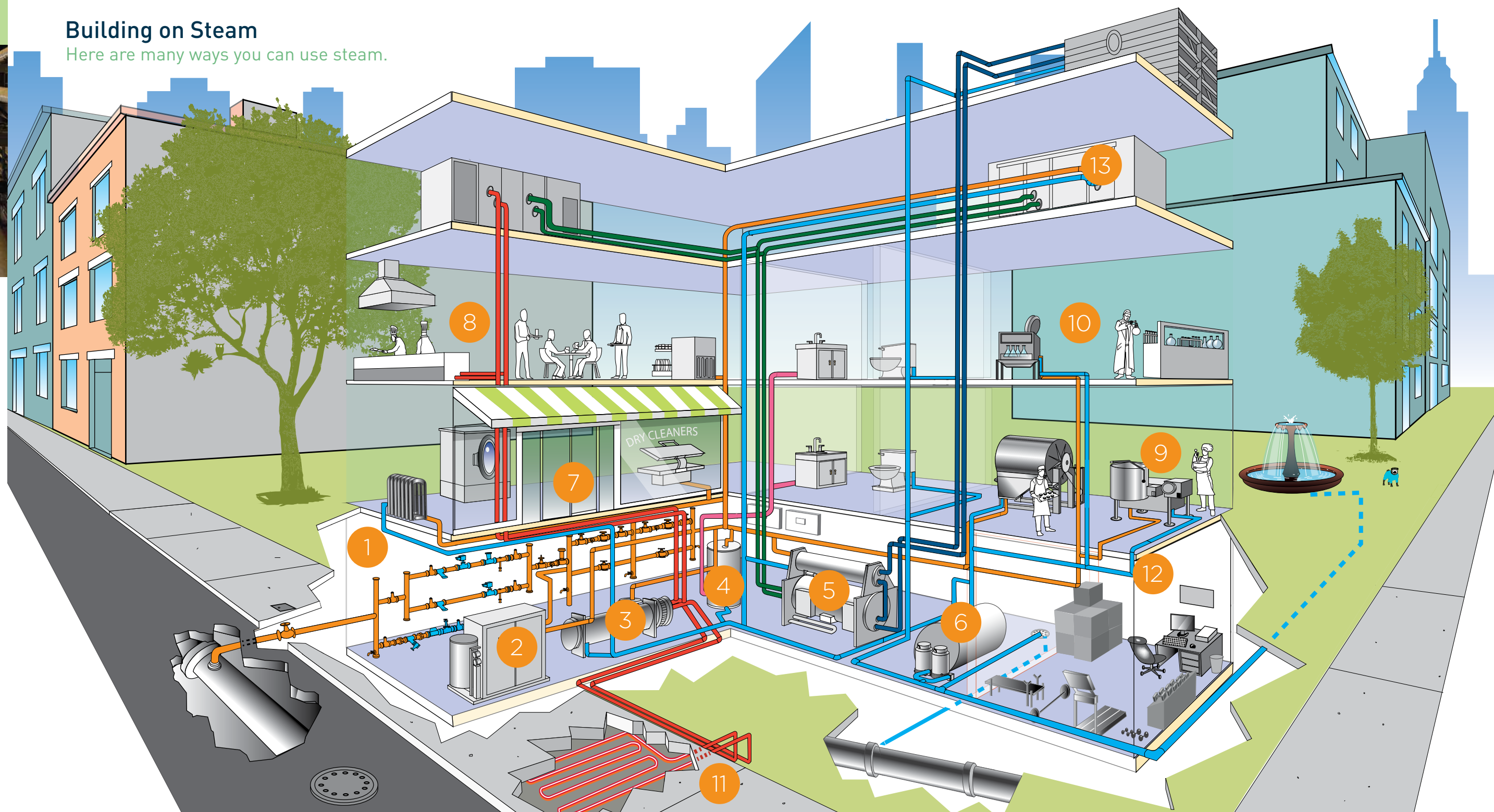
Con Edison Congeneration Plant

Benefits of Steam Service

- Service on demand
- High-quality, high-pressure steam
- Reliability
- Metered service
- Regulated rates and service
- Protection against fuel-price risk
- Trained, responsive personnel
- On-call resources at 1-800-75-CONED, 24 hours a day, 7 days a week, 365 days a year
- Personal evaluation of your energy needs
- Innovation and use of new technologies
- Smaller carbon footprint
- Reports on best practices
- Monthly customer seminars
- State-of-the-art systems and controls
- Efficient operations
- No on-site generation or risk
- More space for income generation
- Resources and staff focused on core services
- LEED points
- Efficient cogeneration

Building on Steam

Here are many ways you can use steam.



Con Edison Headquarters

Customers We Serve

- Condominiums
- Elevator apartments
- Walk-up apartments
- One- and two-family dwellings
- Loft buildings
- Dry cleaners
- Educational facilities
- Firehouses
- Government facilities
- Hospital and health facilities
- Hotels and clubs
- Indoor public facilities and concert halls
- Industrial and manufacturing plants
- Mixed-use properties
- Museums and galleries
- Office buildings
- Religious facilities
- Restaurants
- Retail spaces
- Theaters

<p>1 Metering/PRV Station We connect a service line from our steam distribution network to a steam-metering station and pressure-reduction valves (PRV) that you install in your building.*</p>	<p>2 Energy Production You can convert your steam into other forms of energy, including electricity.</p>	<p>3 Heat/Hot-Water Distribution Systems You have the option of distributing either steam or hot water to your HVAC equipment.</p>	<p>4 Domestic Hot-Water Systems Steam can heat water for domestic uses such as showering, cooking, and cleaning.</p>	<p>5 Air-Conditioning Using steam for cooling reduces the electric load on your building.</p>	<p>6 Condensate Collection and Reuse As steam cools, it turns into water. This water is called condensate. You can reuse this condensate for other purposes, such as display fountains or a grey-water system.**</p>	<p>7 Dry Cleaning Steam energizes pressing machines and spotting boards, loosens and flushes out stains, and softens garments before being pressed.</p>	<p>8 Cafeteria/Kitchen Steam dishwashers are more effective at cleaning.</p>	<p>9 Food Processing Steam can clean equipment, heat kettles, and dry out liquids in drum dryers.</p>	<p>10 Laboratory/Hospital Steam sterilizes instruments, glassware, and utensils.</p>	<p>11 Cleaning You can use steam for a variety of cleaning purposes, including cleaning building façades and sidewalks, and snow removal.</p>	<p>12 Recovered Space Using steam eliminates the need for on-site generation and frees up space for public access and other more profitable uses.</p>	<p>13 Humidification Steam provides humidification for museums and libraries to help preserve paintings, books, and artifacts, and for hospital and laboratory applications.</p>
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*For more information on station specifications visit coned.com/steam/engspecs.asp
**For more information on steam condensate reuse, visit coned.com/steam/kc_cri.asp