



# Langone Medical Center

Location: New York, New York

## Project Overview



### Industry

District Energy / CHP

### Application

CHP

### Technology Applied

SVSS Steam Turbine Generator

### Capacity

2.4 MW

*“The Energy Building is the centerpiece of NYU Langone’s plan to become a resilient and reliable medical center and a leader in sustainability by reducing our contribution to global warming as a result of clean and efficient energy use. With a new combined heat and power (CHP) plant, emergency generators, and boilers in the building, NYU Langone will be completely self-sufficient in the event of a utility power interruption, with two different sources of backup power for our critical areas.”*

~ Quote from NYU Langone Medical Center’s article “Building the Energy Building”.

## Background:

With most businesses looking to move towards more sustainable practices, Langone Medical Center wanted to become a leader in sustainability by using clean and efficient energy.

## Challenge:

To develop a combined heat and power (CHP) plant that would provide both power and steam requirements to the campus as well as reduce utility costs and provide energy independence.

## Result:

Elliott provided a 2.4 MWe steam turbine generator that provides Langone Medical Center with the necessary power.

## Benefits:

- Increased plant efficiency
- Increased power output
- Independent power in case of emergency
- Clean, reliable power



### Elliott Group

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