

HISTORIC HOTEL NYC CASE STUDY

IN CONSTRUCTION



RenewEnergy
PARTNERS

One Lincoln St Suite 2400
Boston, MA 02111
info@renewep.com

Project Summary

- Client: Historic Hotel in NYC
- Measures: Central Utility Plant
- Structure: Energy Services Agreement (ESA)
- RENEW Investment: \$15M
- Operating Term: 20 years
- Climate Impacts: 9,800 Metric Tons per year
- Status: In Construction

Project Description

RENEW Energy Partners, LLC (RENEW) is building, funding and will own, operate, and maintain the central utility plant for a Historic Hotel in New York City. The Hotel closed for a complete to-the-studs renovation that will convert the upper half of the 1,400-room hotel into luxury condo homes. The lower half will remain a hotel.

Under RENEW's Energy Service Agreement the property will now be powered by a 1.65MW reciprocating cogeneration engine that will deliver electricity and thermal energy to the property. Additionally, the plant will produce 100 percent of the property's thermal demands from 8 high-efficiency boilers.

The energy plant provides the Hotel and Condo significant energy savings as compared to the utility grid. The energy savings created with this project will prepare the property for Local Law 97, New York City's local carbon emissions ordinance.



Key features and benefits

Resiliency is a significant component of this project. The energy plant will allow the property to be prepared for the next superstorm, with the ability to act as a lifestyle generator for the Condo's and Hotel's public spaces.

No up-front capital investment required

Energy and operational savings over the full term of the agreement

An annual reduction in CO2 emissions

Enhanced resiliency in the event of utility grid outages

Full operations and maintenance by RENEW for the agreement term

Power availability guarantees

RENEW is proud to be providing a clean and resilient energy plant for this historic hotel.

