

Powering a Landmark Hotel Redevelopment

\$15M Avoided Project CapEx

**Luxury Hotel
New York, NY**



Challenge

Full-scale redevelopment needed new energy infrastructure without added cost.

The property required:

- A new central utility plant
- Resiliency ahead of future storms
- Compliance with NYC Local Law 97
- No added capital requirements

Solution

Renew funded and built, and now owns and operates the hotel's energy infrastructure.

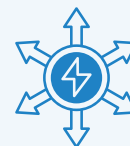
- De-risked construction cost and schedule
- Enabled developer to focus on core hotel redevelopment efforts
- Avoided capital obligations
- Long-term Power Purchase Agreement (PPA) for hot water and electricity

The hotel mitigates its exposure to utility rate volatility, while controlling its own infrastructure.

Technology



**1.65 MW Reciprocating
Cogeneration Engine**



**Combined Heat &
Power Distribution**



**8 High-Efficiency
Boilers**



**Backup Power for Public
Spaces**

Outcome

- \$15M avoided project CapEx
- ~9,800 MT of CO₂ reduction annually
- \$1M+ est. annual energy savings
- Significant energy savings vs. the utility grid
- Enhanced resiliency that acts as critical systems backup power
- Power availability guarantees and full O&M by Renew



RenewEnergy
PARTNERS

Powering What's Possible

Engineering + Capital for critical building infrastructure

>\$1 billion of C&I energy systems developed

Institutional capital for turnkey financing

100+ years of cumulative operating experience

Trusted infrastructure partner for world-class companies

