

CHP BUSINESS IMPACT SCENARIO

Renaissance St. Pancras Hotel* London, UK

Guest Rooms: 245 Estimated Square Feet: 370,000 Kilowatt Hours Intensity per SF: 14.2¹ Cubic Feet NG Intensity per SF: 44.6

Utili	"AS-IS" ity-Sourced Electricity	"To-Be" Combined Heat & Power
Electricity Kilowatt Hours (kWł	1) ²	
Total KwH Consumption	5,254,000	5,245,000
Cost per kWh Utility Service Charges	£0.150 £275,835	- £1,200
Total Electricity Costs	£1,212,462	£1,200
Natural Gas Dekatherms (DTH		
Electricity Generation (DTH) CHP Recapture (DTH)	7101	17,927 (13,920)
Space & Water Heating (DTH) ³	13,920	13,920
Cooking & Other (DTH)	2,456	2,456
Net DTH Consumption	16,376	20,384
Cost per DTH⁴	£8.00	£8.00
Total Natural Gas Costs	£131,010	£163,071
Total Energy Costs	£1,343,471	£164,271
Impact in Year 1 (Cash Flow)		£1,087,255

Ten-Year Cash Flows from EBITDA, including maintenance costs Impact on Sell Price in Year 11 @ EBITDA Selling Multiple x 16	£13,608,334 £26,698,364
Total Value Created from Ten-Year Cash Flows + Sell Price	£40,306,698
Internal Rate of Return (IRR), not including incentives/financing	N/A

Metric Tons of Carbon Dioxide (CO2) Reduced Annually ⁵

1,120 (75%)

*Disclaimer: The CHP Business Impact Scenarios are hypothetical examples based on publicly available data, primarily from the U.K. Department for Business, Energy & Industrial Strategy (BEIS). Findings and calculations are independently derived without direct input from property owners. Actual results may vary.

1. Source: US Energy Information Administration kWH and NG intensity for lodging facilities in mild climate Zone 2. UK Department for Business, Energy & Industrial Strategy (BEIS) KwH average commercial prices 2023 in London, plus estimated service charge from utility

service charge from utility 3. Source: US Energy Information Administration average uses of natural gas in hotels 4. UK Department for Business, Energy & Industrial Strategy (BEIS) DTH average commercial prices 2023 5. Source: US Environmental Protection Agency Greenhouse Equivalencies Calculator

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