



BE VIRTUS ENFIELD

PREPARED BY THE BE COMPANY

VERSION: APRIL 2025

Location	Enfield, North London
Total Power	~1 MW (entire facility 5 MW)
Certifications	ISO 27001, ISO 9001, ISO 14001, ISO 45001, ISO 50001, ISO 20000, PCI DSS v4.0, Cyber Essentials Plus, ISAE3402, RoSPA Gold, Uptime Institute M&O
Power Usage Effectiveness (PUE)	≤ 1.6 (design)
Tier Level	Tier III (Uptime Institute design)
Sustainability	100% renewable power

Introduction

BE-Virtus Enfield is a Tier III-standard, high-resilience facility operated by The BE Company, occupying the second floor of the Virtus-owned LONDON1 data centre. Purpose-built for mission-critical workloads —such as AI model training, latency-sensitive services, and enterprise compute—this site provides nearly 1 MW of power for BE customers within a highly efficient and scalable environment.

Located in Enfield, North London, BE-Virtus Enfield supports flexible deployment models (racks, pods, cages, private suites) and delivers robust security, carrier-neutral access, and eco-efficient infrastructure. Ideal for organisations seeking secure, scalable, and sustainable infrastructure.

Location

City / Region	Enfield, North London
Proximity to Major Hubs	11 miles from Central London, 2.4 miles from M25 Junction 25, 16 miles from London City Airport
Transport Links	28 mins from Liverpool Street to Southbury Station

Facility Overview

Ownership & Operation	The BE Company (operating BE's second-floor suite in a Virtus-owned building)
Facility Type	Colocation
Operational Since	2011
Net Technical Space	402 m ² (BE suite)
Tier Classification	Tier III elements
Historical Uptime	100%
Certifications	ISO 27001 / 9001 / 14001 / 45001 / 50001 ISO 22301 (Business Continuity) PCI DSS v4.0 / SOC 2 / Cyber Essentials Plus

Technical Specification

Power Infrastructure

Total Capacity: 955 kW

Power Source	Diversely routed from National Grid
Phase Configuration	Single Phase
Planned Expansion	1-month lead time for additional capacity

UPS Systems

Generators

Distribution & Redundancy

Cooling Infrastructure

Network & Connectivity

Carrier-Neutral Access	Yes
Carriers Onsite	Tier 1 & Tier 2 ISPs incl. Openreach, Virgin Media, Fibrenet, and others
Dark Fibre Routes	BE-owned dark fibre + WDM + geographic redundancy
Cloud On-Ramps	On-ramp access to all major cloud platforms
Latency to London Core	~2ms average round trip (minimum observed ~1.2ms)

Server & Rack Design

Standard IT Rack Config	Highly flexible; minimum 4 kW per rack
Cable Management	Overhead trunking
Customisation	High-density pods, water-cooling readiness available

Security

On-site Security	24/7 dedicated on-site security team
CCTV	Full internal & external coverage with IP CCTV
Access Control	Biometric + full authentication policy
Perimeter Protection	3m fencing, bollards at perimeter
Fire Protection	<ul style="list-style-type: none">• Detection: Vesda / Aspirated smoke detection• Suppression: High Fog fire suppression

Amenities & Services

Customer Workspace	70 m ² office space
Meeting Rooms	None
Build Room & Storage	32 m ² on-site storage/build room
Canteen / Kitchenette	Yes

Sustainability & Certifications

Renewable Power	100% renewable power
Reminder of PUE	≤ 1.6
Cooling Innovation	Free cooling chillers, chilled water cooling, cold aisle containment
Certifications Recap	<ul style="list-style-type: none">• ISO 27001 / 22301 / 14001 / 50001 / 45001 / 9001• PCI DSS / SOC 2 / RoSPA Gold• BREEAM Good (design standard)

Carrier List

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| <ul style="list-style-type: none">• BE MPLS & Dark Fibre Network• AT&T Global• BT• BT Openreach• City Fibre• Cogent• Colt Technology Services• euNetworks Ltd• EX Networks• Exponential E• Geant | <ul style="list-style-type: none">• LINX• Lumen/ CenturyLink• M247/Venus• NEOS• Next Connex• Sohonet• Telia Sonera• Verizon• Virgin Media• Virtual1 & Talk Talk• Zayo |
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Other BE Locations

Facility	Location	Total Capacity	Cooling Type	Tier Adherence	PUE
BE Bournemouth	South Coast, UK	1 MW	DX Air (N+1)	III	≤1.3
BE Virtus Enfield	Enfield, London	400 kW (BE suite)	Chilled Water (N+1)	III	≤1.6
BE Slough	Slough, Berkshire	1.6 MW	Chilled Water (2N CRACs)	III	≤1.5
DRT Cloud House	-	-	-	-	-
Virtus Hayes	-	-	-	-	-

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