



# BE SLOUGH

PREPARED BY THE BE COMPANY

VERSION: APRIL 2025

Location	Slough, Berkshire, United Kingdom
Total IT Load	1.2MW
Certifications	ISO 27001, ISO 9001, PCI DSS, SOC 2 Type 2
Power Usage Effectiveness (PUE)	$\leq 1.5$ (design)
Tier Level	Tier III equivalent design compliant
Sustainability	100% renewable power

## Introduction

The Slough DC is a Tier III-standard, high-resilience facility owned and operated by The BE Company. Designed to support workloads such as AI model training, latency-sensitive services, and enterprise compute, it delivers 1.2 MW of power across two data halls.

Located in the heart of Slough's data centre corridor, this facility features secure cages and cabinets, N+1 cooling, dual-feed power, and full BMS with real-time monitoring. It's an ideal environment for customers seeking secure, scalable, and compliant infrastructure with millisecond connectivity to London.

## Location

Address	Slough, Berkshire SL2 5EP
City / Region	Slough, Berkshire
Proximity to Major Hubs	5-minute walk from Slough Central Station; 20 mins to London via Elizabeth Line
Transport Links	Over 166 trains/day between Slough and London

## Facility Overview

Ownership & Operation	The BE Company (wholly owned)
Facility Type	Colocation
Operational Since	2008
Net Technical Space	10,000 sq. ft (2 × 5,000 sq. ft data halls)
Available IT Load	800 KVA per data hall
Tier Classification	Adheres to Tier III
Historical Uptime	99%
Certifications	<ul style="list-style-type: none"><li>• ISO 27001 / ISO 9001</li><li>• PCI DSS</li><li>• SOC 2 (audit scheduled 2025)</li></ul>

## Technical Specification

### Power Infrastructure

**Total Capacity: 1.5 MW**

Power Source	Dual 11 kV HV transformers (N+1 utility power)
Phase Configuration	3-phase power available
Planned Expansion	Expansion available to 2 MW

## UPS Systems

Redundancy	2N
Configuration	4 × 800 KVA modular UPS (2 per data hall)
Battery Type	VRLA batteries

## Generators

Redundancy	N+1
Configuration	2 × 900 KVA + 1 × 750 KVA Caterpillar
Runtime	3 days at current load
Fuel Type	13,000 L diesel

## Distribution & Redundancy

Power Redundancy Options	2N
PUE	≤ 1.5

## Cooling Infrastructure

Primary Cooling	Chilled Water / Custom
Redundancy	N+1 (3 × 800 kW chillers)
Support Systems	In-room CRACs (2N, 12 units)

## Network & Connectivity

Carrier-Neutral Access	Yes
Carriers Onsite	Variety of carriers including Vodaphone, Vrigin & BT (see carrier list)
Dark Fibre Routes	Diverse entry access points via BE-owned Dark Fibre network
Cloud On-Ramps	None
Latency to London Core	~2ms average round trip (minimum observed ~1.9ms)

## Server & Rack Design

Standard IT Rack Config	Customisable design (min. 4kW per rack)
Parking	Under-floor trunking (600 mm raised floor)
Customisation	High-density pods, water-cooling readiness available

## Security

On-site Security	Yes
CCTV	Full site-wide coverage, monitored and recorded
Access Control	Biometric, card key, intrusion alarms
Perimeter Protection	Concrete crash barriers, anti-ram raid infrastructure
Fire Protection	<ul style="list-style-type: none"> <li>• Detection: VESDA laser-based detection, smoke ionisation, heat detection (double knock)</li> <li>• Suppression: Hi-Fog water mist system (UPS and power rooms)</li> </ul>

## Amenities & Services

Customer Workspace	No shared offices or desks
Meeting Rooms	1 meeting room available
Build Room & Storage	Worktop outside the data hall available for use and storeroom for deliveries
Canteen / Kitchenette	Yes

## Sustainability & Certifications

Renewable Power	87% renewable power
Reminder of PUE	≤ 1.5
Cooling Innovation	Cold aisle containment
Certifications Recap	<ul style="list-style-type: none"> <li>• ISO 27001 / 9001</li> <li>• PCI DSS</li> <li>• SOC 2</li> </ul>

## Carrier List

The BE Company MPLS Network & Dark Fibre	BT
Virgin Media	Colt
Zayo	EU Networks
Masergy	Vodafone

## 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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