CASE STUDY | HIGH VOLTAGE POWER

Newcombe House

Notting Hill Gate, London



High voltage expertise. Built around the site.

Vantage combined HV design, specialist installation and network liaison for a basement electrical package at the Newcombe House redevelopment.

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Safely Succeeding Together

DESIGN | INSTALLATION | NETWORK LIAISON

A new setting. A specialist HV package.

The Newcombe House site at Notting Hill Gate is being redeveloped as Notting Hill Place. Led by Beltane and Angelo Gordon and designed by Squire & Partners, the scheme brings together around 170,000 sq ft of workspace, shops and cafés, a public square, affordable homes and a new NHS medical centre.

Vantage's role sits behind the scenes: the high voltage (HV) infrastructure in the basement. We were appointed to manage the HV design and deliver a specialist electrical package serving two 1.5 MVA transformers, working around restricted access and the wider construction programme.

At a glance

7
GenieEvo switchgear panels

3MVA
Combined transformer rating

2 weeks
Installation working period

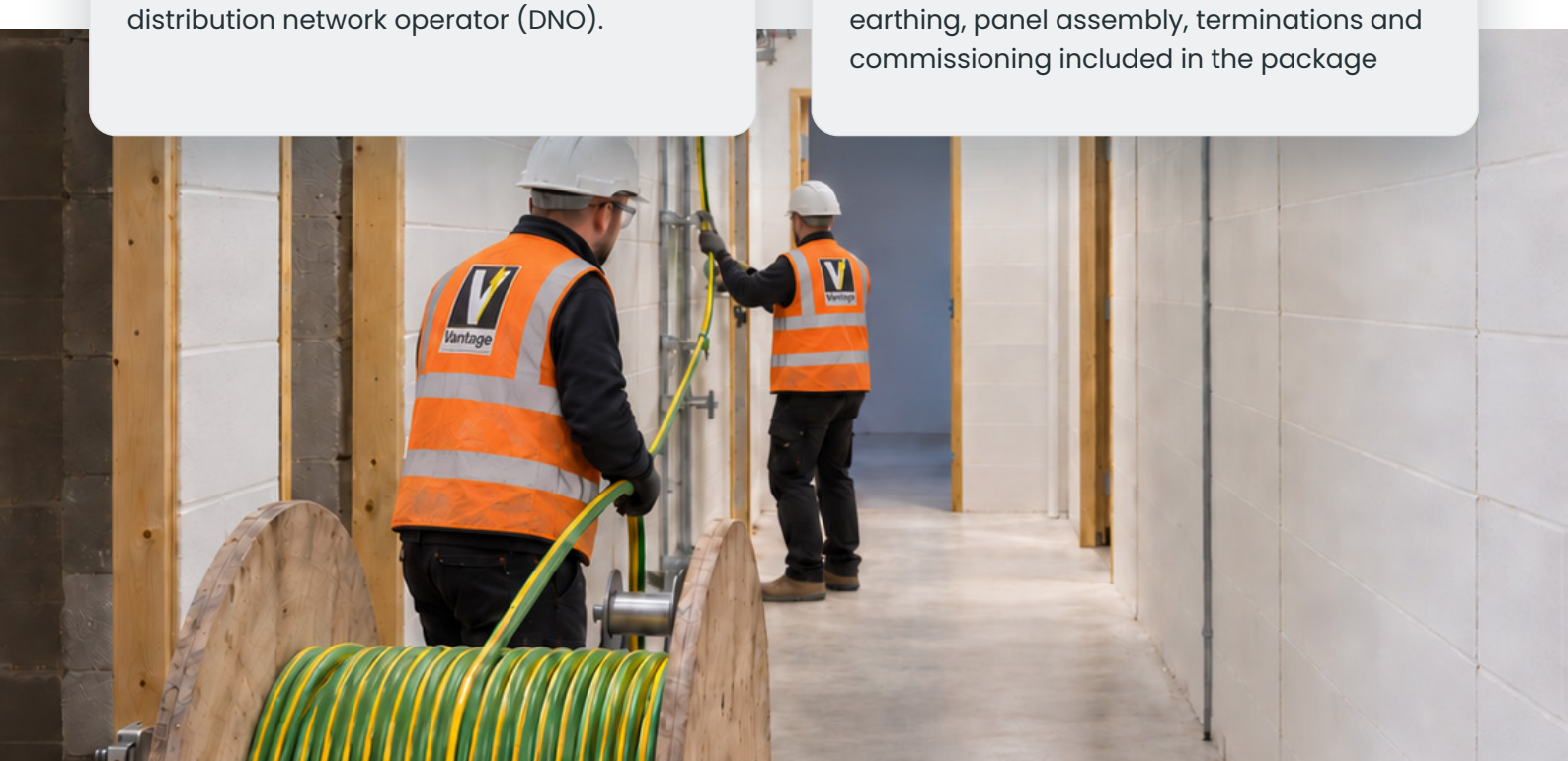
What we took on

Design and coordination

HV design managed through a specialist design partner, a protection study report, and liaison with UK Power Networks, the local distribution network operator (DNO).

Installation and commissioning

A seven panel Schneider Electric GenieEvo switchboard and two transformer feeders, with tripping units, associated HV cabling, earthing, panel assembly, terminations and commissioning included in the package



Practical delivery, below ground.

Basement access and working space were limited. Plant was lowered by crane, while the size of the HV cables and tight routes made the cable pull a specialist task. We installed the cables through the basement and onto ladder rack, alongside the earthing, panel build and terminations.

Our four person site team brought together HV commissioning, cable jointing and HV Authorised Person expertise. When site dates shifted, we adjusted our attendance to suit the wider programme. The installation work was carried out within the allocated two week working period.

Work Completed

The installation work and completed protection study form part of a coordinated HV package, with UK Power Networks liaison handled under Vantage's remit. Our involvement remained ongoing at the time of the project interview.

Specialist capability where it matters.

Flexibility when the programme changes.







About Vantage

Vantage Professional Services delivers electrical and civil engineering services, from feasibility and design to high and low voltage installation, testing and commissioning.

Planning a development with an HV requirement?

Talk to Vantage about the design, installation and network coordination your project needs.

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