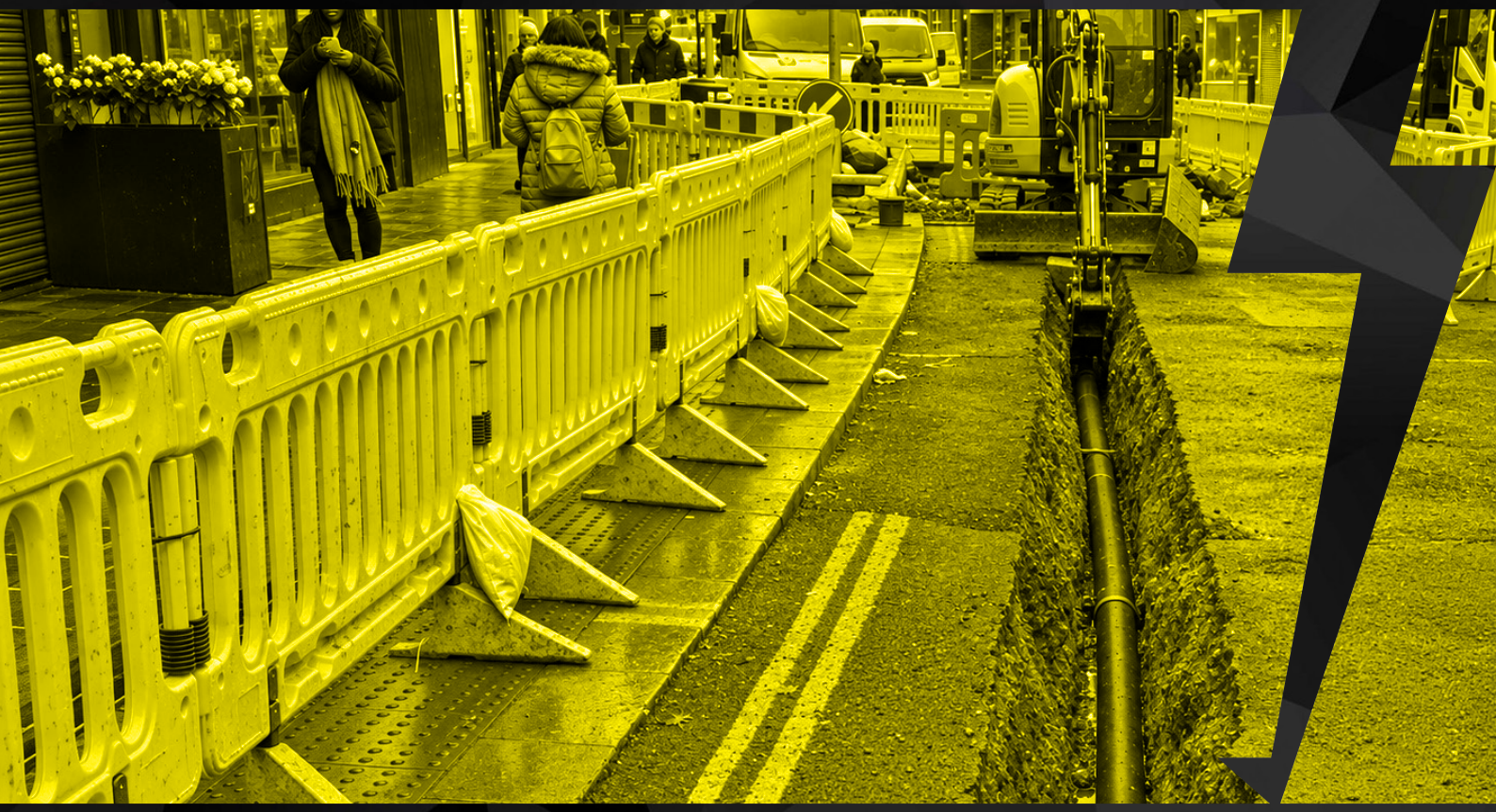
CASE STUDY | DNO FRAMEWORK & CONNECTIONS

DNO Framework Delivery & Electrical Connection Works

UK electricity distribution networks



From groundworks to grid. One joined-up delivery team.

Vantage brings civil engineering, HV/LV installation and authorised network operations together for DNO framework programmes, new connections and network upgrades.

Vantage

Safely Succeeding Together

CIVIL ENGINEERING | HV & LV NETWORKS | AUTHORISED OPERATIONS

Critical networks. Practical delivery.

Britain's local electricity networks are being maintained and upgraded as demand changes. Ofgem's RIIO-ED2 settlement provides for £22.2bn of investment in the distribution networks during 2023–28. Behind the headline investment, every cable route, replacement asset and new connection needs careful planning, safe access and coordination with network operators.

Vantage supports DNO framework and electrical connection works with a joined-up civil and electrical delivery capability. Its scope runs from excavation, ducting and foundations to substations, HV/LV equipment, earthing and connections.

At a glance

33kV
Substation installation works

11kV
Package substations and switchgear

SAP
In-house authorised person capability

What we took on

Civil works and cable routes

NRSWA-qualified street works, trenching, ducting and cable installation, concrete substation bases, thrust bore moling, directional drilling, excavation and final reinstatement.

Network assets and connections

33kV substation works; 11kV package substations, switchgear and circuit breakers; earthing, link boxes, feeder pillars, cable fault location, testing, commissioning and new connections.



OUR APPROACH

Planned properly. Delivered safely.

Framework delivery is rarely one task in isolation. Cable routes, civils, equipment installation and connections need to line up. Vantage plans the sequence with clients, DNOs and delivery partners, agreeing resources, access and network requirements before site work begins.

Works can include trenching and duct installation, substation foundations, cable laying, specialist lifting and reinstatement. Where an open-cut trench is unsuitable, moling and directional drilling provide alternatives for constrained routes.

Vantage's in-house Senior Authorised Person (SAP) resource supports authorised operations and field control within the relevant network permissions. Clear communication, responsive programme management and attention to customer-service requirements are built into delivery.







FRAMEWORK CAPABILITY

Civil engineering and electrical works delivered as a coordinated package.

33kV / 11kV

Substation and network asset scope

Authorised network work

Civil engineering and electrical works delivered as a coordinated package.

The delivery value

Vantage offers DNOs and infrastructure delivery partners one coordinated route from initial civil works through to electrical installation, testing and connection. Its model is built around safety, clear responsibility and the flexibility needed when working on live distribution networks.

About Vantage

Vantage Professional Services delivers civil engineering and electrical infrastructure services, from feasibility and design to HV/LV installation, testing, commissioning and connection.

Need a delivery partner for network or connection works?

Talk to Vantage about the civil works, specialist electrical scope and DNO coordination your programme needs.

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