

Saffron Courts, Nottingham

Client: CORDING REAL ESATE LTD | ENGIE | WINVIC | CASSIDY GROUP

The Development: 350 new apartments

Start Date: October 2018

Completion: March 2019

Our Key Values

- Direct savings of close to 10% for the end client.
- Energised the site while wayleaves process was still in progress through our strong relationship management with the DNO, thereby avoiding a major disruption to construction on site, failure of which could have led to considerable financial loss to the client.
- Saved the client a potential reinforcement cost in excess of £2m and sufficiently long awaiting time of 5 years, by identifying risk in the connection, relying on relationship management with the host network and knowledge of the industry to secure the load of 1.8MAV required due to connection interactivity, which meant that the load of 1.8MVA the site requested for was the last available load left in the network without any major network reinforcement.
- Worked within client's expectations on service delivery; completed project one month in advance.
- Proposed to the client demand side approach for shifting 1050kVA peak loads to a different load regime, thereby eliminating the need for increased capacity.
- Offered free M&E advisory service to client.

Our Solution

Design, installation and project management of electricity connections to 350 apartments with a total import capacity of 1.8MVA.

- Network reinforcement works
- Approximately 700m offsite excavations and reinstatement on busy road in Nottingham and completed within 3 weeks.
- Two package 1MVA substations
- Running of LV service cables via undercroft car park into three separate blocks via common risers up to the 7th floor in each building.
- Termination of service cables into 350-service cut-outs and two landlord supplies.
- Coordination of multidisciplinary engineering teams and personnel.
- Utility wayleave – negotiation and management.