



CLIENT

Gleeson Homes

PROJECT

Generator Connection in Lieu of Substation Connection for an 85 New Homes Development

LOCATION

Toot Lane - Boston - Lincolnshire

SERVICES PROVIDED

- Two 50kVA 3-phase generators
- Installation of MEMES generators
- Connection of cut-out and breach joint termination
- 10m earthing arrangements
- Secured compound area created by Gleeson Homes

OVERVIEW

The scope of these works was to provide the Developer with a temporary supply as the Distribution Network Operator (DNO) was unable to provide the substation permanent connection, with new house owners ready to move in.

To enable power to be available it was agreed with the Developer and DNO that a generator and back up connection would be installed temporarily.

DESCRIPTION

IUS installed two 50kVA 3-phase generators at the agreed point of temporary connection within the lockable compound provided by Gleeson Homes. This was coupled with a 200 Amp cut-out and a corresponding breach joint. The cut-out was housed within a lockable unit provided by the Developer. This work involved an IUS team, which included a Senior Authorised Person (SAP), Project Manager, Project Coordinator, Cable Jointers and an Electrical Fitter who was to test the earthing arrangement.

This element of the works was critical to the developer meeting their connection targets, and during adverse weather conditions, under the supervision of the IUS SAP, the generators were connected to the mains supply successfully. All the Low Voltage connections activity as well as the relevant tests were carried out by appropriately trained, authorised and competent personnel.

Gleeson Homes' Head of Technical and their Managing Director thanked IUS for carrying out this work and meeting their mid-year target completions which had been at risk. This enabled their customers to move into their brand-new Gleeson home.