



CLIENT

Mid Yorkshire NHS Trust

PROJECT

Substation Upgrades

LOCATION

Dewsbury

SERVICES PROVIDED

- Outline and detailed design
- Procurement of equipment
- Civil and electrical installation
- Installation of HV switchgear
- Supply and installation of transformers
- Testing and commissioning
- Preparation of handback documentation
- Project planning
- Removal of oil filled switchgear

MID YORKSHIRE NHS TRUST DEWSBURY HOSPITAL SUBSTATION UPGRADES



OVERVIEW

Between April 2013 and May 2016 IUS completed five substation refurbishments to fulfil a program of 11kV substation upgrades at Dewsbury Hospital. These upgrades ensured security of critical supplies, in anticipation of future site load growth.



DESCRIPTION

The scope was to replace oil filled switchgear and transformers with non-oil filled switchgear and ECO transformers in the main intake substation and four further substations, whilst still ensuring critical supply to the Hospital. Although the Hospital had existing standby generation, IUS were also to provide backup generation. Additionally IUS upgraded substation power and lighting; Completed minor building works including painting and replacement of doors; Installed generator connection points with 'cat flap' type access for cables. IUS had to ensure emergency access at all times. If necessary all works would cease at short notice if required due to the priorities of Dewsbury Hospital.

