



26831 - Anglian Water
Flag Fen - Peterborough

Installation of New Package Substations

Anglian Water, Flag Fen, Peterborough

Scope of Works

Works involved:

- Civil Design, including ground survey works.
- Earthing Design, including soil resistivity testing
- Electrical Design
- Supply and installation of all electrical equipment and associated cable
- Completion of all civil works require to install 2No new transformer compounds



The Task

Power Testing Ltd successfully won the contract to complete the design, supply, installation, testing and commissioning of HV electrical works and associated civil works at Flag Fen WRC

Works involved carry out a detailed civil, earthing and electrical designs to enable the installation of 2No new Package Substations.

Civil works were completed, creating 2No transformer compound bases which were to be installed 1M above ground due to risk of flooding.

Power Testing also completed the electrical design to correctly size the new switchgear required to suit the client's new site electrical demands.

Power Testing successfully install and commissioned 2No new 11kV Package Substation, 2No HV Circuit Breakers and new substation earthing



Client: Anglian Water

Location: Flag Fen, Peterborough

Project: Package Substation Installation



The client was delighted with the speed and accuracy whilst installing the new system. He was very impressed with how hard the team worked and thanked PTL for how he was always kept in the loop with works.



Project Achievements

- Worked closely with AW to minimise operational risks & disruption to the site operations.
- Careful planning and coordination to ensure the works were completed on programme.
- Efficient project management involving third parties.
- Successful energisation of newly installed equipment.

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