M254 SPALDING ENERGY EXPANSION, SPALDING, LINCOLNSHIRE

Client: INTERGEN/SPALDING ENERGY EXPANSION LTD

Programme: AUGUST 2018

Summary: 2 COFFERDAMS TO PROVIDE DRIVE AND RECEPTION PITS
INSTALLATION OF 30m x 12" WELDED STEEL GAS PIPE BELOW PUBLIC HIGHWAY

PROJECT DETAILS

InterGen is expanding its existing gas fired power station in Spalding by constructing and operating a new up to 945MW gas-fired facility known as the Spalding Energy Expansion. It is proposed that the station will comprise a 645MW CCGT and an open cycle gas turbine unit of less than 300MW. The expansion is on land adjacent to the existing power station and will generate enough electricity for approximately one million homes.

Our works included the installation, excavation, backfilling and pile extraction for 2No pre piled and framed pits (14m x 2.5 x 4.0m deep and 7m x 2.5 x 4.0m deep). 30m x 300mm OD gas pipeline installed directly in ground using our PB85v guided auger machine.

Ground conditions: Silty sand.