

UKPS Delivers Renewables Connections at Spring Farm in Norfolk



The Spring Farm Generation Project in Norfolk was the first farm based Anaerobic Digester (AD) /Biogas plant to be connected by an Independent Connections Provider, UK Power Solutions Ltd, within the UK Power Networks operating area under the governments Competitions In Connection scheme.

In addition to delivering the 11kV utility connection, UK Power Solutions Ltd was also contracted to design, install and commission the customer side of HV/LV Infrastructure for the Client.

Project Management

Following acceptance of the UK Power Solutions detailed proposal, a kick-off meeting with the client enabled the production of a critical path plan.

The job was complex as it required the building of 3 substations, (two Network Operator, one private). Such was the remoteness of the site that the High Voltage cabling needed to be installed over a distance of 2.5 kilometres, on property which was owned by several different 'Third Party' landowners.

Project Delivery

The design and delivery of all works was conducted according to the critical path. However, it became apparent early on within the project that the incumbent Network Operator (UK Power Networks) had no standard/published specifications for the high voltage plant and protection equipment required for a project of this kind. Utilising our expertise in this field UKPS was able to develop and present a workable solution which has since been adopted by this particular Network Operator as their standard for this type of application. The energisation of the electrical supply was on time and to the relevant Network Operator and NERS standards.



Renewable Energy sector

UK Power Solutions Ltd has successfully carried out high voltage connection projects up to and including 33,000V for AD/Biogas plants, Wind Turbines (on-shore) and Solar PV Farms. In addition to the Renewables sector we also carry out work on Commercial, Industrial, Housing, Leisure and Education connection projects.