



COSGRIFF WHITEHOUSE ELECTRICAL LTD
ELECTRICAL & DATA INSTALLATION ENGINEERS

WARREN ENERGY LTD

BRECKLAND FARM, METHWOLD,
SUFFOLK, IP26 4RJ

Project Summary: To carry out the supply and installation of all LV power cable, full certification to all power, data and control systems across the site.



The Project:

CWE Ltd carried out the electrical installation to a rural based anaerobic digestion plant, on behalf of Technology Provider Agraferm Technologies and plant owners Future Biogas.

The plant design included four tanks. Two digesters, one post digester and one ten day Sinai storage tank. This AD plant was the twenty first installation CWE Ltd have completed in the UK.

CWE Ltd installed all LV mains, power and control cables. Carried out the installation of all junction boxes, isolators and cable containment.



CWE Ltd also installed all site lighting and small power and lighting in the Technical Building. Working with both Agraferm and Future Biogas closely to ensure that the highest level of technical standards were achieved, with full compliance to British Standards for electrical installations (BSEN7671:2008+A32015). The plant now produces biomethane at a rate of 400Nm³/h as well as power for the 500kW CHP plant.

Testimonial:

"As an experienced installer and operator of biomethane-to-grid projects in the UK, (we have installed 6 G2G plants,) we recognise the need for a reliable partner that really understood our requirements and able to provide a consistent level of service, which is what we have found working with CWE. In our experience, especially when time scales are exceedingly tight, we have been able to trust in CWE's people and its service. The CWE team bring a healthy level of positivity and professionalism to the working environment along with being extremely hardworking and committed. They have built a fantastic relationship with our projects team and our site operators and have been willing to go above and beyond on more than a few occasions. We will look forward to work with CWE on future projects."

*William Mezzullo
Head of Projects, Future Biogas*

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