



SOLAR|21



Q1|2019

Biogas project update

Our first plant, located at Plaxton Bridge, close to Hull, will be producing gas in early 2020. Preliminary works have begun on site and construction is set to ramp up over the coming months. Our second Biogas project is undergoing the final stages of due diligence and analysis prior to construction taking place.

Before Christmas, we completed the final pre-commencement conditions for Plaxton Bridge which were required as part of our planning permission. These include providing for drainage and sewage on the site, conducting a detailed risk assessment and providing for ground water protection. We have begun to prepare the site for construction and have ordered several long lead items (such as the gas entry unit) which will be arriving in the coming weeks.

In partnership with BTS, the plant's technology provider who have built 180 other biogas plants, we are confirming the final details of the design. We want to optimise every aspect of the plant's operation to ensure that it's producing energy at the very apex of its capacity. For this reason, we're focused on ensuring that all the minor design details function well.

We are liaising with NGN (Northern Gas Networks) who will be providing the gas connection network. A detailed study was completed in Q4 2018 and we're working to meet a number of environmental regulations. This work is progressing well and we're very confident that we'll meet the necessary requirements.



The site at Plaxton Bridge



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We are continuing to liaise with residents in the local area, keeping them up to date on developments. As part of the build, we have also committed to providing a community fund which will be used support charitable initiatives in the surrounding area. This will come into effect once the plant is operational.

Solar 21 is proud to recruit and partner with the very best experts. On this project, our team includes technical, legal and environmental experts with extensive qualifications and experience in delivering renewable energy projects. Full details of their bios are available on our website. Our office has been buzzing with conference calls as the team in Dublin liaises with the design, technology and civil teams on a weekly basis. Every month, everyone gathers on site to review progress and plan the next stage of developments.



The site at Plaxton Bridge



About Biogas

Biogas is a form of renewable energy generated from the natural breakdown of organic material in a process called anaerobic digestion. In the UK, there is now enough biogas being generated to power over one million homes. Our first two biogas projects are progressing well. Together, they'll reduce carbon dioxide emissions by 55,000 tonnes per year.

About Renewable Heat Incentives (RHI)

With our biogas projects, we have been able to take advantage of the non-domestic Renewable Heat Incentive (RHI). The RHI is part of the UK government's clean energy strategy, designed to stimulate the development and growth of renewable energy technologies. Under the proposed scheme, the UK government will pay an incentive, guaranteed for a period of 20 years, for the heat and energy produced. Both biogas plants will benefit from these UK government incentives.