



Meden Biogas Plant

Overview

The AD plant is located around 25 miles southeast of Sheffield, South Yorkshire, and was commissioned in March 2016. The plant has a thermal capacity of c. 5MWth and predominantly produces biomethane to be injected to the national gas grid. The plant also has a 0.4 MWe CHP engine and is accredited under the Renewable Heat Incentive (RHI) and Feed-in-Tariff (FiT) schemes.

The AD plant has been acquired from a subsidiary of BayWa r.e Renewable Energy GmbH. Future Biogas Limited will provide management, operations and maintenance services to the AD plants after the acquisition.

CO₂ Savings

The project has to date offset 10,417 tCO₂e since commissioning and is expected to offset at least 78,120 tCO₂e over its operational lifetime.



Mid-sized diesel cars removed from UK roads every year over the plant's lifetime



11,234
times
over the
plant's
lifetime

Equivalent emissions produced by a mid-sized diesel car driving around the Earth's equator



10,812

Average UK homes provided with gas for heating and cooking over a 20 year period



314 tCO₂e
offset per
annum

Use of the digestate produced by the plant as a direct replacement for traditional fertilisers – offsetting CO₂

