



Presentations

Biomethane potential within Northern Gas Networks

Dan Sadler, Northern Gas Networks

The presentation will provide a detailed overview of the recent study NGN has completed into the potential for bio methane connections within its geographical area including:

How NGN identified potential producers across different sectors

- An overview of producers from all sectors
- The 'critical mass' required to be a viable project
- How producers can coordinate to make themselves more economically viable
- The proximity to NGN's gas infrastructure and why this is a critical consideration within business plan

Reaching critical mass – thinking outside the box

Rob Heap, Rob Heap Consulting

The presentation will provide some real examples of how potential producers within the NGN network can join together to meet the 'critical mass' requirements (quantity of biomethane produced) to have a viable project. It will also cover some of the legislative considerations to be aware of when crossing over different industrial sectors.

The business case for biomethane – how it makes you money

John Murphy, Future Energy Group

The presentation will provide an overview into the commercial parameters of biomethane injection plants. Specifically covering typical costs to build biomethane injection facilities and indicative payback periods based on quantities of biomethane produced. It will also provide an overview of the physical components that constitute a biomethane project.

Obtaining commercial contracts

Peter Williams, E.ON Energy Solutions Ltd

The presentation will provide a detailed overview of how a potential producer of biomethane would obtain commercial contracts with shippers allowing them to sell gas within the UK market. It will detail the requirements to obtain a contract, timescales, security of the contract and how that contract can be used as part of a business case to obtain financial funding for future biomethane projects.

Obtaining finance for major projects – biomethane

Bruce Nelson, Compass Renewables, Nick Simmonds, Royal Bank of Scotland

Richard Waters, Lombard

The presentation will provide an overview of the types of finance available to potential biomethane producers to allow them to get their projects off the ground covering:

- The likelihood of obtaining significant funding in today's market
- What types of funding should be considered and how to attract the right funder?
- What a financier would require in a business model including:
 - Detailed build up of project costs
 - Anticipated payback periods
 - Security of payback – are contracts in place?
 - Guarantees and Gearing