

Connecting to the National Transmission System (NTS)

Interested in connecting to the NTS – Great Britain’s high-pressure gas network?

We have a range of flexible connection solutions available to suit our customers’ differing needs.

Key features of NTS connections

Non-odourised gas

No odourisation equipment, maintenance or consumables are required to connect to the NTS, removing the associated costs.

High operating pressures

The NTS operates at pressures typically above 40 bar(g) and requires a 100,000 kwh/d minimum capacity. This means we can provide flexibility for connections across a range of pressures.

High flow rates

Higher pressure systems can accommodate higher flow rates in smaller sized pipes and fittings. This means we can accommodate a range of connection types on our network.

Reserved Capacity

You can reserve capacity whilst you develop your project, securing access to the network for when you need it and ensuring the capacity you require.

No propane enrichment

No propane enrichment is required in order to meet a target flow weighted average CV, reducing costs and the need for equipment.

Why Us?

As the energy landscape changes, we are continuing to develop new solutions - providing accessibility and creating more opportunities for customers to connect to the NTS, with reduced cost and timeframes.

We recognise that each project is different, and have designed a range solutions that can be tailored to each customer's requirements.

This reduces the land acquisition requirements for the customer.

Optimised use of

Standard Design

There are six standard design packs available, reducing the cost and time associated with the conceptual design of your connection. We also have modular builds available, which can be easily transported by lorry to site. Where a standard design is not appropriate, bespoke connections can be applied for and built.

Ranges of sizes to suit

Flexible and tailored solutions

Pipelines are available in a variety of diameters.

We are working with and listening to the feedback of our customers to be flexible and support a variety of new connections to the NTS.

Getting started

If you are interested in an NTS connection, please get in touch via the link below to discuss your project:

[Contact Us](#)

For a free indicative cost estimate, or to check available capacity to connect, visit our connections portal and follow the easy five step process:

[Gas Connections Portal](#)

Visit our website to view our process and to keep up to date with our upcoming events:

[Gas Connections Website](#)



Green gas connections

Green gases - including biomethane and hydrogen - can play a critical role in the journey to Britain achieving net zero.

We are working with customers to actively facilitate biomethane connections to the NTS. Please contact us if you wish to discuss your project.

To learn more about what National Gas is doing to enable the transition to hydrogen, please refer to [FutureGrid](#) for more information.

Thank you

