
UTILITIES STATEMENT

The Proposed Development will rely on connection to several utilities. The nature of the interface and a summary of current progress is outlined below. The majority of utilities required for the construction and operation of the Proposed Development are already existing due to the requirements of South Humber Bank Power Station. It is expected, therefore, that there will be no significant impact on the existing utilities. Interfaces with utilities and services that do not extend outside the planning application boundary are not discussed within this statement; for example, the existing cooling water pipes.

Process connections:

Electricity

The Proposed Development will either connect to the transmission network at 400 kV or to the distribution network at 132 kV. Discussions with both National Grid Electrical Transmission (NGET) and Northern Powergrid (NPG) are underway for each network respectively. Both networks have the capacity available to allow the Proposed Development to export electricity.

If the connection is made to NGET then it will be made to the existing substation within the planning application boundary. Discussions regarding connection to NPG are still ongoing.

Natural Gas

Discussions with Cadent Gas are ongoing to determine whether a connection will be made to provide the Proposed Development with natural gas. If the connection is made, the natural gas will be used for starting the combustion process and maintaining stable combustion.

The amount of gas required is small and it has been confirmed that the capacity required is available.

If made, the connection may be to the existing gas main approximately 80 metres north of the Main Development Area. Impacts associated with the installation of this connection are currently being assessed by Cadent Gas.

An alternative option also being considered is for gas to be supplied from South Humber Bank Power Station's existing connection. This would mean that no gas pipes would need to be laid outside the planning application boundary, and there would be no interaction with the Cadent Gas assets.

A further option, currently considered as being less attractive, is to use diesel as the fuel instead of gas. This would not require any utility connection as the diesel would be delivered to site via tanker.

Water

Water will be supplied to the process via a connection to the Anglian Water network. There is an existing Anglian Water connection to South Humber Bank Power Station, and the connection route to the Proposed Development should be mostly within the planning application boundary.

Discussions with Anglian Water are ongoing.

Trade effluent

Discussions with Anglian Water are ongoing relating to expected trade effluent capacities and expected discharge composition. Anglian Water have not raised any issues to date and it is expected that a trade effluent consent will be issued by Anglian Water prior to construction starting.

Non-process connections:

Electricity

Electricity to non-process consumers such as the workshops and offices will be provided through the same connection as the process equipment. When the Proposed Development is operational, it will be generated onsite.

Foul sewage

The Proposed Development will discharge foul water from the occupied buildings to the local foul drainage system. Discussions with Anglian Water are ongoing. No issues have been raised by Anglian Water to date.

Surface water drainage

Surface water from the Proposed Development will be discharged into the existing drainage system within the application boundary.

Water

Potable water for the Proposed Development will be fed from the same connection to Anglian Water that was described above.