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Environmental Services
Infrastructure Decisions and Applications Service
Planning Inspectorate
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Uniper Response to Planning Inspectorate Request

22 June 2026

Dear Hannah

Uniper is sending a response to the Planning Inspectorate letter dated 26 May 2026 regarding the proposed application for the Humber Hydrogen Pipeline DCO.

Uniper is a European energy company with global reach and operations in more than 40 countries. It has about 7,000 employees and plays a key role in ensuring a secure energy supply in Europe, particularly in its core markets of Germany, the United Kingdom, Sweden, and the Netherlands. Uniper's 18.5 gigawatts of power generating capacity make it a mainstay of reliable power production. Uniper is a leading gas trader and one of Northwestern Europe's most important LNG importers, and its broad procurement portfolio enhances supply security. Uniper's investments in renewables, hydrogen, and other low-carbon energy carriers propel the transformation of the energy system.

Uniper has a long-standing presence at Killingholme and has been in the Humber region for over 25 years. Uniper owns and operates Killingholme power station, a 600 MW gas-fired power plant, and two synchronous condenser units providing dedicated grid stabilising services to the National Energy System Operator (NESO) at the Killingholme site. The Killingholme power station, along with Uniper's high pressure gas pipelines, from Theddlethorpe to Killingholme and from Blyborough to Cottam, are located near the proposed Humber Hydrogen pipeline route.

Uniper has been advancing plans for the future development of the Killingholme site, working with key local and national stakeholders on initiatives that could help decarbonise the Humber region. Uniper is exploring several projects in and around our Killingholme power station site –

- Humber H₂ub[®] (Green) project – a proposed large scale, electrolytic (green) hydrogen production facility at Uniper's Killingholme site. The Humber H₂ub[®] (Green) project development would include green hydrogen production capability with a capacity of up to 120MW and potential future expansion of a further 200MW+. The hydrogen would be used to replace some refinery fuel gas in industrial scale fired heaters as part of Phillips 66 Limited's plans to reduce the Humber Refinery's scope 1 operational emissions. Planning permission has been granted by North Lincolnshire Council for the 120MW hydrogen production facility. [PA/2025/1146 | North Lincolnshire Planning Portal](#)



- Killingholme Low Carbon Power (KLCP) project – a proposal to develop and commission a new combined cycle gas turbine (CCGT) power station, on land next to Uniper's existing power station site at Killingholme and to install carbon capture technology to remove the CO₂ emissions during the electricity generation process. There is a Development Consent Order for the CCGT (formerly known as the North Killingholme Power Project). [North Killingholme Power Project - Project information](#)

Uniper advocates that the following issues should be included in the Humber Hydrogen DCO Environmental Statement –

- Impacts on industry in the Humber – we expect the project would help to secure jobs for the long-term future of the region and provide opportunities for businesses to decarbonise.
- Operational emissions including air (Scope 1 fugitive emissions) to ensure initial hydrogen transportation projects have a solid start and maintain a good reputation going forward
- Management of safety-related risks and emergency plans related to operation of hydrogen pipelines
- Construction and traffic impacts with consideration of protected environmental areas in the region and main transport infrastructure
- Biodiversity Net Gain considerations with potential opportunities to collaborate

While Uniper supports the proposed Humber Hydrogen Pipeline development in principle, at this early stage of the application process there are multiple interfaces with Uniper's assets and land boundaries. Uniper reserves the right to object to the application if the development poses an impact to either of our assets or land holdings without agreed provisions. It is imperative that Uniper's land, Development Consent Order and planning permission boundaries for key Killingholme projects are respected, Uniper's Killingholme and pipeline operations are not disrupted, and future Uniper developments and pipeline corridors required for Humber H₂ub® (Green), KLCP and other projects are not restricted by the Humber Hydrogen proposal. Uniper would also want to ensure that Humber Hydrogen Transmission System Ltd's proposed development is not detrimental to potential future large scale low carbon hydrogen production that could supply into a future hydrogen pipeline network.

We look forward to hearing more details about the Humber Hydrogen proposal in due course and exploring potential opportunities for collaboration.

Best regards

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