

Hornsea Offshore Windfarm 4

Text for inclusion in SOCG between Orsted, National Grid Carbon Limited and Others on East Coast Cluster – Humber Terrestrial CCUS Infrastructure

Text as provided by National Grid Carbon Limited to Orsted on 3.3.22 ahead of Deadline 1

- 1 The East Coast Cluster is one of two Track-1 CCUS networks in BEIS' Carbon Sequencing for CCUS Deployment process. The proposed Endurance saline aquifer carbon store, and the related offshore CO₂ pipeline infrastructure being promoted by bp/NEP is the offshore element of the East Coast Cluster. Connecting into the proposed offshore infrastructure will be a network of related terrestrial infrastructure projects to be located both across the Humber region, and on Teeside. Taken together, the infrastructure to come forward under the East Coast Cluster will target the removal of 50% of the UK's industrial CO₂ emissions.
- 2 National Grid Carbon Limited (**NGCL**) (RR-024) is a member of the Zero Carbon Humber consortium made up of 12 formal partners who, as part of the East Coast Cluster, are together working to deliver CCUS and low carbon hydrogen production facilities and related infrastructure to enable the large-scale decarbonisation of the country's most carbon intensive region.
- 3 NGCL is the terrestrial T&S provider for the East Coast Cluster's Humber region and is currently promoting the Humber Low Carbon Pipelines project (PINS reference EN070006), a terrestrial pipeline network which will connect CO₂ carbon capture infrastructure being promoted in the Humber region with the offshore pipeline infrastructure and Endurance carbon store being promoted by bp/NEP.
- 4 Carbon capture infrastructure projects to be facilitated by NGCL's proposed terrestrial pipeline network will be identified in Phase 2 of BEIS' Cluster Sequencing process, for which a government announcement is expected in May 2022. This will identify Phase 2 emitters in the Humber region bidding to be initial connectees within the East Coast Cluster, and to which a connection to NGCL pipeline infrastructure shall be required to deliver a complete CCUS chain. Alongside the awaited Phase 2 BEIS' decision, a number of parties who are members of ZCH are already promoting carbon capture projects across the Humber region. NGCL and the Applicant each recognise these include Equinor (RR-011), Drax Power Limited (RR-007) and Keadby Generation Limited (which is promoting the Keadby 3 Carbon Capture Power Station (EN010114)). This project is currently the subject of an ongoing DCO Examination, timetabled to close in June 2022.
- 5 NGCL recognise that:
 - (a) NGCL's proposed terrestrial pipeline infrastructure project shall have no direct physical interface with the Hornsea 4 project, but it is reliant on a connection with Endurance's proposed infrastructure, to deliver a full carbon capture and underground storage chain for the Humber as part of the East Coast Cluster;
 - (b) the compatibility of the Hornsea Four Project with Endurance, is of critical importance, and the wider public interest, in the delivery of the government's national net zero objectives to be secured by the East Coast Cluster and the delivery of terrestrial CCUS infrastructure projects being promoted by NGCL and connecting emitter parties across the Humber region.

Signed by:
National Grid Carbon Limited (RR-024)
8 March 2022