

# Humber Low Carbon Pipelines project

Supporting jobs and the decarbonisation of the Humber region

Section maps of the proposed route for consultation | October 2022

## nationalgrid

### Section 1: Drax to Keadby

### This section of the map shows the proposed route between Drax and Keadby. It includes:

#### Drax AGI (PIG Trap)

This Above Ground Installation (AGI) will be a PIG Trap of approximately 120m x 165m in size surrounded by a 25m wide area for landscaping. We are considering four different site options: A, B, C and D. Our current preference is option D.

#### Reedness AGI (Block valve KP 19.3)

This AGI will include two block valves – one for hydrogen and one for carbon dioxide. Each block valve will be approximately 90m x 90m with the potential for a 25m wide area surrounding the installation for landscaping. We have selected a single preferred site for this AGI. Please note this is identified as block valve KP 19.3 in the PEIR.

#### Keadby AGI

This AGI is a development of a block valve installation approximately 175m x 100m in size plus potentially a 25m wide area surrounding the installation of landscaping. We are considering three different site options A, B and C. Our current preference is option B.

For all AGIs in this section, the maximum building height would be approximately 8m with a temporary vent stack of up to approximately 5m.

For further information on the temporary construction compounds, including trenchless crossing compounds, please see the non-technical summary, Section 2.4; or the PEIR, Chapter 2 Project Description, Section 2.8.



### Section 2: Keadby to Scunthorpe

This section of the map shows the proposed route between Keadby and Scunthorpe. It includes:

#### Messingham AGI (Block valve KP 46.3)

This Above Ground Installation (AGI) will include two block valves - one for hydrogen and one for carbon dioxide. Each block valve will be approximately 90m x 90m plus a natural planting strip to reduce visual effects. We have selected a single preferred site for this AGI. Please note this is identified as block valve KP 46.3 in the PEIR.

#### **British Steel AGI (PIG Trap)**

This AGI will be a PIG Trap of approximately 120m x 165m in size plus a natural planting strip to reduce visual effects. We are considering two different site options: A and B. Our current preference is option A.



The maximum building height would be approximately 8m with a temporary vent stack of up to approximately 5m.

For further information on the temporary construction compounds, including trenchless crossing compounds, please see the non-technical summary, Section 2.4; or the PEIR, Chapter 2 Project Description, Section 2.8.

### **Section 3: Scunthorpe to Killingholme**

#### This section of the map shows the proposed route between Scunthorpe and Killingholme. It includes:

#### Scawby AGI (Block valve KP 57.4 / KP 57)

This Above Ground Installation (AGI) will include two block valves - one for hydrogen and one for carbon dioxide. Each block valve will be approximately 90m x 90m plus a natural planting strip to reduce visual effects. We are considering two different site options, A and B. Please note these site options are identified as block valves KP 57.4 (option A) and KP 57 (option B) in the PEIR.

#### **Ulceby AGI** (Block valve KP 75.1 / KP 75.2)

This AGI will include two block valves - one for hydrogen and one for carbon dioxide. Each block valve will be approximately 90m x 90m plus a natural planting strip to reduce visual effects. We are considering two different site options, A and B. Please note these site options are identified as block valves KP 75.1 (option A) and KP 75.2 (option B) in the PEIR.

### Killingholme AGI (multi-junction)

This AGI will be a multi-junction installation of approximately 125m x 185m in size plus a natural planting strip to reduce visual effects. We have selected a single preferred site for this AGI.

The maximum building height would be approximately 8m with a temporary vent stack of up to approximately 5m.

For further information on the temporary construction compounds, including trenchless crossing compounds, please see the non-technical summary, Section 2.4; or the PEIR, Chapter 2 Project Description, Section 2.8.





## **Section 4: Killingholme to Hedon**

### This section of the map shows the proposed route between Killingholme and Hedon. It includes:

#### Saltend AGI (PIG Trap)

This Above Ground Installation (AGI) will be a PIG Trap of approximately 120m x 165m in size plus a natural planting strip to reduce visual effects. We are considering four different site options: A, B, C and D. Our current preference is option D.

### Hedon AGI (multi-junction)

This AGI will be a multi-junction installation of approximately 180m x 180m in size plus a natural planting strip to reduce visual effects. The interconnecting pipeline from Saltend AGI connects into this installation. We are considering two different site options, A and B. Our current preference is Option A.



For all AGIs in this section, the maximum building height would be approximately 8m with a temporary vent stack of up to approximately 5m.

For further information on the temporary construction compounds, including trenchless crossing compounds, please see the non-technical summary, Section 2.4; or the PEIR, Chapter 2 Project Description, Section 2.8.

### **Section 5: Hedon to Easington**

### This section of the map shows the proposed route between Hedon and Easington. It includes:

#### Burton Pidsea AGI (Block valve KP 109.6)

This Above Ground Installation (AGI) will include two block valves - one for hydrogen and one for carbon dioxide. Each block valve will be approximately 90m x 90m plus a natural planting strip to reduce visual effects. The maximum building height would be approximately 8m with a temporary vent stack of up to approximately 5m. We have selected a single preferred site for this AGI. Please note this is identified as block valve KP 109.6 in the PEIR.

#### **Easington Pump Facility**

This Above Ground Installation (AGI) will be a Pump Facility of approximately 500m x 350m in size plus a natural planting strip to reduce visual effects. The installation will also include several vent stacks to facilitate operational and maintenance activities, with the highest being up to 50m (164 feet) tall. We are considering two different site options: A and B. Our current preference is option B.

For further information on the temporary construction compounds, including trenchless crossing compounds, please see the non-technical summary, Section 2.4; or the PEIR, Chapter 2 Project Description, Section 2.8.





#### **Different formats**

Please let us know if you or anyone you know require consultation documents in different formats, such as alternative languages, Braille or large print.

#### Contact us

Email us at: HumberLowCarbon@nationalgrid.com Call us on: 0800 860 6255 Write to us using: FREEPOST HLCP NATIONAL GRID Website: nationalgrid.com/humberpipelines

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