

Proposal for new power generation

Statutory period of public consultation
January 16th to February 27th 2018

Public exhibitions



The Drax Repower Project

Drax Power Limited (Drax) is proposing to modify up to two of its remaining coal-fired electricity generating units (known as Units 5 and 6) to become **gas-powered electricity generating units**. This modification and construction would involve Drax re-using certain equipment currently utilised in the operation of Units 5 and 6. In addition, each unit would (subject to technology and commercial considerations) be connected to its own **battery energy storage facility**.

The Drax Repower Project would upgrade and increase Drax's generation capability to meet demand into the 2030s and beyond, make Yorkshire home to large-scale battery technology and provide lower carbon power generation in line with Government plans to phase out coal-fired power stations.

The new gas-powered generating units require a gas connection from the National Gas Transmission Network. This connection would comprise a **new pipeline** (approx. 3km long) to provide gas to the generating units and an Above Ground Installation (AGI) at the connection to the National Gas Transmission and contained within a small compound.

A summary of the key aspects of the proposed Project, which Drax wishes to consult on, are included in this leaflet, as is a feedback form.

Last year, Drax announced its Repower Project and in October 2017, homes and businesses in the near vicinity of Drax Power Station received an information leaflet about the Project. In addition, Drax has shared its plans via the local media, via the internet and social media, in meetings with local councils, correspondence with landowners and other interested parties and at public exhibitions held in Drax, Selby and Goole.

The feedback that Drax has received to date has helped inform the Project's environmental studies, engineering assessments and design work.

The Project's website <http://repower.drax.com> provides details of the Repower Project. From 16th January 2018, the website will carry the Project's consultation documents comprising a Project Overview Report, the Preliminary Environmental Information Report and an accompanying Non-Technical Summary together with this leaflet. The Project's Statement of Community Consultation will also be available on the website.

Subject to development consent and construction, the Project could start generating electricity in 2022/23.

Why Repower?

As well as responding to the UK Government's current commitment to see all coal-fired generation phased-out in this country by 2025, the proposed new gas units and battery storage facilities, combined with Drax's existing biomass units, would provide lower carbon electricity at significant scale when the UK's energy system needs it. For example, when the wind isn't blowing or the sun isn't shining - or when there are peaks in electricity demand and the energy system is under stress. Gas generation, which can operate at short notice, has a key role in supporting the country's energy system.

Planning and consultation

The Repower Project is classed as a 'nationally significant infrastructure project'. Drax is therefore required to submit an application for a Development Consent Order (DCO) to the Secretary of State (the SofS) for Business, Energy and Industrial Strategy. The application would be examined by an Examining Authority appointed from the Planning Inspectorate by the SofS. The Examining Authority, made up of one or more inspectors, would make a recommendation to the SofS as to whether or not the proposed Project should proceed. The decision on whether or not the proposed Project should be granted a DCO would then be made by the SofS.

An application for consent is expected to be submitted to the SofS within the next six months, once Drax and its team of technical specialists have completed their environmental and engineering assessments (as well as associated design work) and had regard to the consultation responses from this consultation.

Following a period of informal engagement in October/November 2017, **Drax is now carrying out a 42-day period of statutory public consultation about the Repower Project. This will begin on Tuesday 16th January 2018 and end on Tuesday 27th February 2018.**

The Preliminary Environmental Information Report (PEIR) and other consultation documents about the Project are available for review during this period. The PEIR sets out the preliminary findings regarding the likely environmental effects. Drax will have regard to your feedback when it finalises the proposed Project.

Drax will continue to liaise with Selby District Council, North Yorkshire County Council and East Riding of Yorkshire Council during and after the statutory consultation. Drax will also maintain engagement with parish councils in the area as well as organisations such as the Environment Agency, Natural England and Historic England to ensure that the Project would be designed, built, operated and maintained to the necessary safety and environmental standards.

For more information about the DCO Application Process, please visit the Planning Inspectorate's website - <https://infrastructure.planninginspectorate.gov.uk>

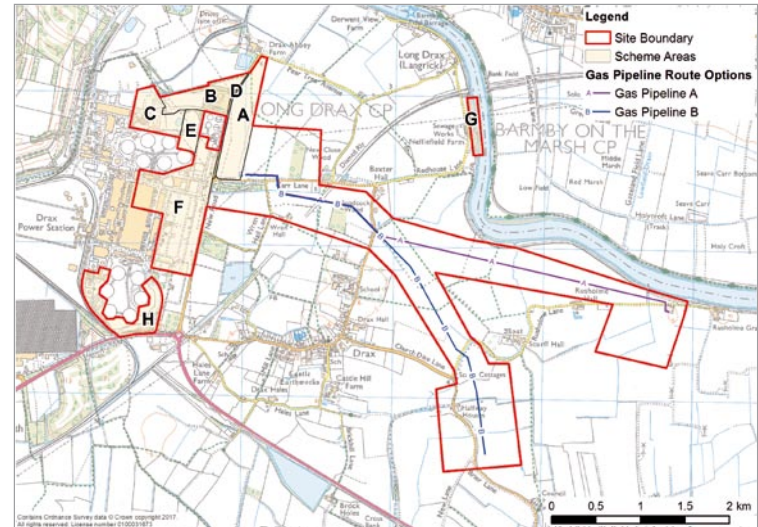
Key elements of the Drax Repower Project

- The construction, operation and maintenance of up to two new gas-fired generation units, with a combined capacity of up to 3,600MW (up to 1,800MW per unit), and located predominantly within the boundary of the existing Drax Power Station site.
- The construction, operation and maintenance of up to two battery storage facilities (one per unit and each up to 100MW capacity) within the power station site.
- The gas-fired generation units will include up to four new turbines (up to two per unit) that can operate in combined-cycle or open-cycle modes.



- The construction, operation and maintenance of a new gas pipeline connection to the National Gas Transmission System (to the east of the Drax Power Station site and on land outside Drax's ownership); two possible routes are being consulted on which can be viewed in the consultation documents.
- An electrical connection into Drax's existing 400 kilovolt (kV) substation that would allow electricity to be exported into the National Grid.
- An option to install a temporary crane adjacent to the existing jetty on the River Ouse to bring equipment and materials to the proposed Project during its construction. If Drax decides not to use the jetty, it would transport equipment and materials by road; this may require temporary highway powers, for example to close roads between Goole and Drax Power Station.
- Land set aside for potential carbon capture technology in the future, and for temporary construction laydown and contractor parking.

Separate to the proposed Repower Project, Drax may undertake site reconfiguration works ahead of its construction. These works may involve the demolition and relocation of some existing equipment and buildings within the Drax Power Station site. Such works are likely to require a separate planning permission from Selby District Council, which may be sought this year.



Outline map of the Project

Legend

- A & B construction compound & laydown area
- C battery storage unit & offices
- D temporary road bridge
- E battery storage
- F generating units
- G jetty
- H construction compound



Freepost Feedback Form

Please complete in BLOCK CAPITALS and return by **5.00pm on 27th February 2018** to **FREEPOST DRAX REPOWER** (no stamp is required) or email the form to **DraxRepower@drax.com**.
A feedback form is also available on the Drax Repower website.

Name: _____

Address: _____

Postcode: _____

Email: _____

I plan to attend/attended the following public exhibitions:

Selby Town Hall Drax Sports & Social Club
Junction, Goole Hemingbrough Methodist Church Hall

Did you comment during the initial phase of consultation?

Yes No, not aware of Project

No, but was aware of Project

Drax has carried out and considered further studies and prepared a Preliminary Environmental Information Report that identifies potential benefits and impacts of the Project.

Do you have any comments on the Report's findings?

If you have any comments and observations about the Project, including the options for the gas pipeline route, please share below.

How do you feel about Drax's proposals?

Supportive Neutral Opposed

If you wish to provide further comment about the Project, please continue on additional sheets and post to **FREEPOST DRAX REPOWER** or email via **DraxRepower@drax.com**

Key Elements of the Proposed Drax Repower Project

C

H

A

B

D

I

E

J

F

G

A

Gas Pipeline A

B

Gas Pipeline B

C

Heat Recovery Steam Generators and Bypass Stacks

D

Sludge Lagoons

E

Battery Energy Storage Facility

F

Turbine Outage Store Building

G

National Grid Substation

H

Generating Units

I

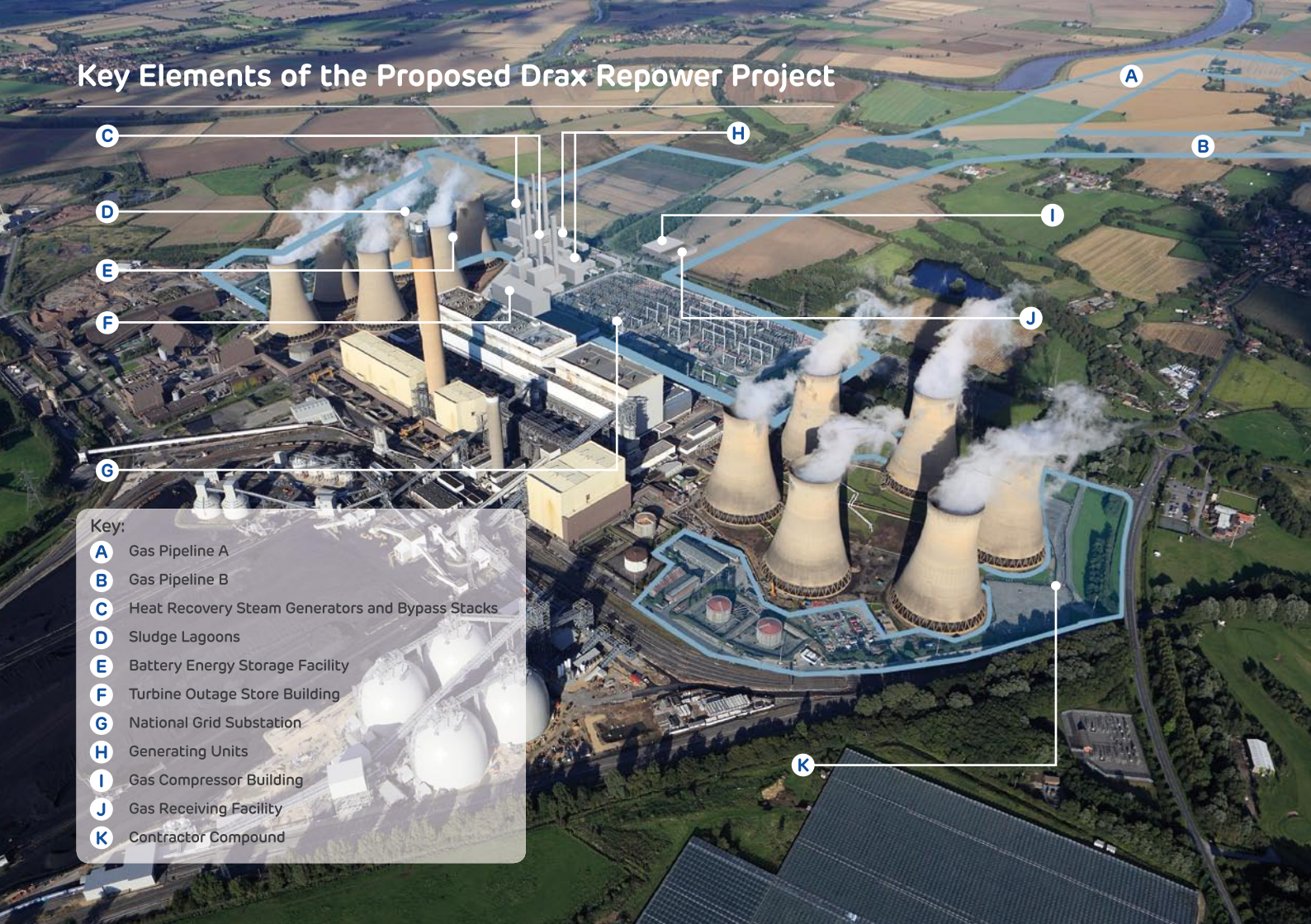
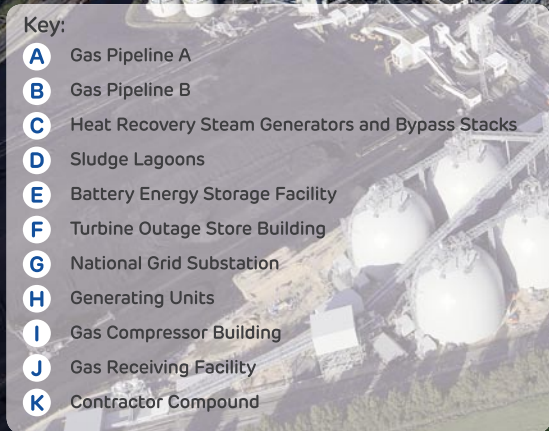
Gas Compressor Building

J

Gas Receiving Facility

K

Contractor Compound



Environmental Assessment

The preliminary environmental assessments for the Repower Project have considered issues such as impacts on air and water quality, flood risk, traffic and transport, noise, ecology, heritage and landscape/visual amenity. The preliminary findings indicate the following:

- **Air quality, emissions and noise:** potential impact resulting from construction activities and during operation of the power generation units.
- **Visual impact:** introduction of eight stacks (up to 120m high) and two battery storage units into the local landscape.
- **Transport:** potential impact to the local road network during construction.

More detail on these and the other preliminary findings can be read in the non-technical summary to the PEIR. Wherever possible, we will seek to minimise or avoid any significant adverse effects through the final design process and a number of mitigation measures.

A final Environmental Statement will be submitted as part of the DCO application for the Repower Project.

Public exhibitions in the local area

- **Saturday 20th January 2018 (10.00am to 4.00pm)**
Selby Town Hall, York Street, Selby, YO8 4AJ
- **Tuesday 23rd January 2018 (3.00pm to 8.00pm)**
Drax Sports and Social Club, Main Road, Drax, Selby, YO8 8PJ
- **Wednesday 24th January 2018 (2.00pm to 7.00pm)**
Junction, 2 Paradise Place, Goole, DN14 5DL
- **Thursday 1st February 2018 (10.00am to 4.00pm)**
Selby Town Hall, York Street, Selby, YO8 4AJ
- **Friday 2nd February 2018 (9.30am to 1.30pm)**
Hemingbrough Methodist Church Hall, 2 Main Street, Hemingbrough, YO8 6QE

Your views?

Drax would welcome your views on its proposed Repower Project and in particular on:

- The two gas pipeline route options and whether you have any concerns over the routes that Drax has identified. You can see the two options in the consultation materials.
- The findings of the preliminary assessment of the likely effects of the Project during its construction and its operation, as set out in the PEIR.

You can share your views to Drax in a number of ways:

- Write to us or complete the feedback form in this leaflet and send to **FREEPOST DRAX REPOWER**
- Complete our online feedback form on <http://repower.drax.com>
- Email us via DraxRepower@drax.com or call us on freephone **0800 731 8250**
- Visit one of our exhibitions to be held in the local area; members of the Project team will be available to discuss the Project
- Contact us via twitter (@DraxNews) and Facebook

Please provide your feedback to Drax on or before 5.00pm on 27th February 2018.

Project Information

The Project's consultation documents comprising a Project Overview Report, the Preliminary Environmental Information Report and an accompanying Non-Technical Summary together with this leaflet and the Statement of Community Consultation are available to view at these locations during the statutory period of public consultation (16th January to 27th February 2018).

- **Selby District Council** - Access Selby, Market Cross Shopping Centre, Selby, YO8 4JS. Tel: 01757 798449
- **North Yorkshire County Council** - County Hall, Northallerton, DL7 8AD. Tel: 01609 780780
- **East Riding of Yorkshire Council** - Customer Service Centre, Cross Street, Beverley, HU17 9BA. Tel: 01482 393939
- **Selby Library** - 52 Micklegate, Selby, YO8 4EQ. Tel: 01609 534521
- **Snaith Library** - 27 Market Place, Snaith, Goole, DN14 9HE. Tel: 01405 860096
- **Goole Library** - Carlisle Street, Goole, DN14 5DS. Tel: 01405 762187

Opening times vary. Please check times with each location.

Autumn 2017	Winter 2018	Spring/Summer 2018	Summer 2018	Summer/Autumn 2018	Autumn 2018/ Spring 2019	Summer/Autumn 2019	2022/23
Liaison with local councils, landowners and other statutory organisations	Publication of Statement of Community Consultation	Detail of the Project, including the EIA, finalised	Pre-Examination Period	Notice of Preliminary Meeting	Examination Period	Decision from Secretary of State for BEIS	Commercial operation
Environmental Impact Assessment (EIA)	Statutory period of consultation, including consultation on the PEIR and public exhibitions	Submission of DCO application		Preliminary Meeting held			
Project design & engineering	January 16 to February 27						
First public exhibitions (non-statutory)							

Website: <http://repower.drax.com>

Email us: DraxRepower@drax.com

Call us: 0800 731 8250

Write to us: FREEPOST DRAX REPOWER

This leaflet, upon request, can be made available in large print format, braille and other languages.