



NORTH LINCOLNSHIRE GREEN ENERGY PARK

Planning Act 2008
Infrastructure Planning
(Applications Prescribed
Forms and Procedure)
Regulations 2009

APFP Regulation 5(2)(q)

North Lincolnshire Green Energy Park

Volume 7

7.2.2 Appendix A-2: Materials published
as part of non-statutory consultation

PINS reference: EN010116

May 2022

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THE NORTH LINCOLNSHIRE GREEN ENERGY PARK DEVELOPMENT CONSENT ORDER

Appendix A-2: Materials published as part of non-statutory consultation

Date: May 2022

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A-2.1: Advert



 **NORTH
LINCOLNSHIRE
GREEN
ENERGY PARK**

Public Consultation
26 May 2020 - 14 July 2020

**We are consulting on our proposals for North
Lincolnshire Green Energy Park.**

North Lincolnshire Green Energy Park will use a combination of technologies, including a 95-megawatt Energy Recovery Facility, to ensure that as much energy as possible is recovered from waste that cannot be recycled. It will directly create 300 jobs and up to 100 apprenticeships. It is classified as a Nationally Significant Infrastructure Project.

Find out more

You can find out more and have your say by visiting our project website or contacting us directly using the details below. We are inviting local residents to view presentations online or book appointments to talk to us directly - please get in touch to register your interest.

info@northlincolnshiregreenenergypark.co.uk

Freepost:
Write to us: FREEPOST RTXY-USYY-HAXE
c/o Newgate Communications
Sevendale House, 5-7 Dale Street
Manchester, M1 1JA

Call us:

A-2.2 Press release advertising non-statutory consultation and associated coverage

NEWS RELEASE

26 MAY 2020

Consultation launched on proposals for the North Lincolnshire Green Energy Park that could create up to 300 permanent new jobs

Proposals for the North Lincolnshire Green Energy Park, to be located at the Flixborough Industrial Estate, will be open for public consultation and comment between 26 May 2020 and 14 July 2020.

The core elements of the scheme promoted by Solar 21, will include a 95-megawatt Energy Recovery Facility that will divert up to 650,000 tonnes of non-recyclable waste from landfill every year. This will integrate 10-megawatts of hydrogen storage, 30-megawatts of battery storage, 120 tonnes of steam storage and an ash treatment facility. The plans include a new access road to link the Flixborough Industrial Estate with the A1077, a district heat network to service the planned Lincolnshire Lakes development, an extended jetty for the Flixborough Wharf, reinstatement of the railway line and to provide hydrogen for a Scunthorpe hydrogen bus pilot and a community electric vehicle charging scheme. Recent discussions have included the option to supply heat, power and cooling to the proposed new Scunthorpe Hospital. The facility will be the first to be designed and built with functioning carbon dioxide capture and utilisation. All ash will be heat-treated, with the aggregate used on-site for concrete block manufacture.

It is expected that this proposal will lead to the creation of up to 300 permanent local jobs and up to 100 apprenticeships. In addition, up to 600 jobs will be required on site through the construction period. The scheme will also generate opportunities for further net-zero carbon business development providing over 1,000 additional new jobs.

Due to the amount of energy the facility will generate, the project is classified as a Nationally Significant Infrastructure Project - meaning it will need to obtain planning consent from the Secretary of State for Business, Energy and Industrial Strategy.

Michael Bradley, CEO, from Solar 21 said:

“The North Lincolnshire Green Energy Park is designed to be clean and efficient and ensure as much energy as possible is recovered from waste that cannot be recycled and to create opportunities for zero-carbon business development in the local area. It will directly create up to 300 local jobs and up to 100 apprenticeships. It will also help address two urgent national and local needs: to reduce the amount of waste going to landfill and generate low carbon energy.

We are consulting at an early stage because we want to gain valuable feedback from the local community. Whilst we are unable to hold face-to-face

events at this time, we have gone the extra mile to ensure consultees have every opportunity to feedback on our proposals.”

The duration of the consultation is between 26 May 2020 and 14 July 2020. Due to the COVID-19 pandemic, Solar 21 is putting in place a range of measures for local people to find out more and share their views through digital and more traditional communication channels. These include a dedicated project website, posting a booklet containing details of the proposals to more than 2,000 homes and businesses in the vicinity, hosting webinars, establishing a dedicated project phonenumber/email for consultees, and an online feedback form.

For more information, go to [REDACTED] or contact the project team via info@northlincolnshiregreenenergypark.co.uk or [REDACTED]

ENDS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Note to editors:

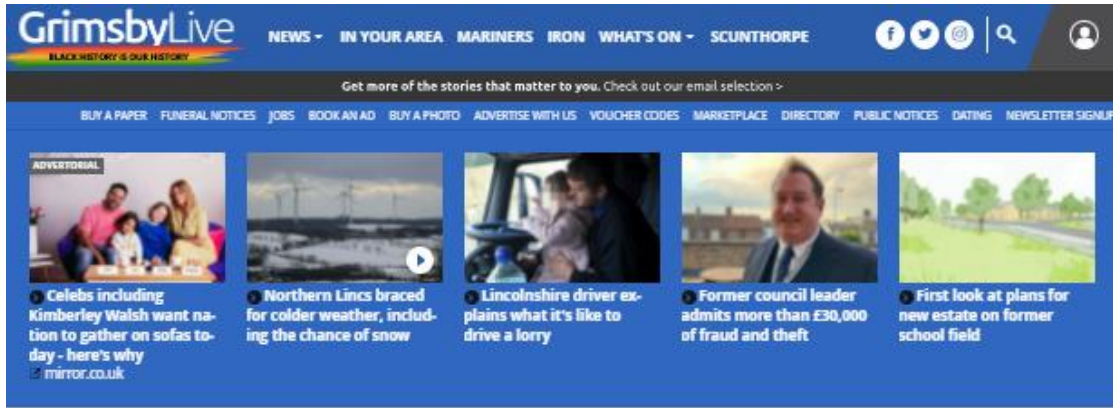
About Solar 21

Solar 21 sources, develops, and manages renewable energy projects across a range of technologies including solar, biomass, biogas and energy recovery facilities.

Locally, Solar 21 has built a 23-megawatt biomass plant that will divert up to 150,000 tonnes per annum of waste wood that would otherwise go to landfill. Solar 21 has also built a 2-megawatt biogas plant which will process up to 80,000 tonnes of potato pulp and vegetable waste each year. Site works are in progress at a new 26-megawatt Energy Recovery Facility, located at Melton, near Hull, with planning consent to turn 250,000 tonnes of refuse derived fuel, that would normally go to landfill or export, into useable energy. Construction has begun on another biogas plant co-located on the same site.

These projects help to deliver the UK Government’s Clean Energy Strategy, which aims to boost renewable energy technology usage in the UK. In the East Midlands and the East Riding of Yorkshire alone, Solar 21 has provided

inward investment of £260m into assets valued at £750m employing 150 local staff.



News • Local News • Business

Vision revealed for scheme which could create 300 permanent jobs on outskirts of Scunthorpe

Plans for the North Lincolnshire Green Energy Park also include a new road link to the A1077

By **David Elliott** Chief Reporter
06:00, 25 MAY 2020 | UPDATED 11:36, 27 MAY 2020

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Plans have been revealed for a new North Lincolnshire Green Energy Park on land near Flixborough Wharf (Image: Scunthorpe Live/Solar 21)

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Plans have been unveiled for a green energy project on the outskirts of Scunthorpe which could create up to 300 permanent jobs.

The North Lincolnshire Green Energy Park scheme, earmarked for the Flixborough Industrial Estate, would include an energy recovery facility capable of diverting 650,000 tonnes of waste which cannot be recycled from landfill every year.

The plans also include a new access road to link the industrial estate with the A1077 and the reinstatement of a railway line, as well as providing hydrogen for a [Scunthorpe](#) hydrogen bus pilot and a community electric vehicle charging scheme.

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A district heat network would also serve the [planned Lincolnshire Lakes project](#), which aims to see thousands of new homes built in new villages to the west of Scunthorpe.

The green energy park proposal includes an extended jetty for Flixborough Wharf, while those behind the plans say discussions have also included the option to supply heat, power and cooling to a [proposed new Scunthorpe hospital](#).



Plans show the proposed site for the North Lincolnshire Green Energy Park in green, with opportunities for further growth in grey. The orange line shows the route of a planned link road between the Flixborough Industrial Estate and the A1077 (Image: Solar 21)

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The scheme is being brought forward by Solar 21, a company which sources, develops and manages renewable energy projects.

A public consultation on the initial proposals will begin on Tuesday, May 26 and run until July 14, with residents encouraged to have their say on the scheme.

Solar 21 chief executive Michael Bradley said: "The North Lincolnshire Green Energy Park is designed to be clean and efficient and ensure as much energy as possible is recovered from waste that cannot be recycled and to create opportunities for zero-carbon business development in the local area.



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"It will directly create up to 300 local jobs and up to 100 apprenticeships. It will also help address two urgent national and local needs: to reduce the amount of waste going to landfill and generate low carbon energy."

As well as the permanent positions, Solar 21 officials say up to 600 [jobs](#) will be available during the construction of the green energy park.

And the company also says the project will generate opportunities for further net-zero carbon [business](#) development, with the potential for 1,000 more new jobs.

The [coronavirus](#) lockdown means face-to-face consultation events will not be held but a range of measures will be in place for people to find out more about the project.



An extended jetty for Flixborough Wharf forms part of the North Lincolnshire Green Energy Park plans (Image: David Haber/ourshorpe.co.uk)

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These include a dedicated North Lincolnshire Green Energy Park website, while a booklet with more information about the proposals is being delivered to more than 2,000 homes and businesses in the area around the site.

Mr Bradley said: "We are consulting at an early stage because we want to gain valuable feedback from the local community.

"Whilst we are unable to hold face-to-face events at this time, we have gone the extra mile to ensure consultees have every opportunity to feedback on our proposals."



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Make someone you know a star!

A-2.3 Non-statutory consultation questionnaire

CONSULTATION QUESTIONNAIRE

26 May 2020 to 14 July 2020

Thank you for taking an interest in the North Lincolnshire Green Energy Park. We are holding a non-statutory consultation on our proposals between **26 May 2020 and 14 July 2020**, and we would like to know what you think about our plans.

The specific elements of the proposal we are consulting on include a 95-megawatt Energy Recovery Facility delivering a heat network to local housing and businesses, together with 10-megawatts of hydrogen production and storage, 30-megawatts of battery storage, 120 tonnes of steam storage, and an ash treatment facility. The proposals include the provision of a new road link to join the A1077 with the Flixborough Industrial Estate and an electric vehicle and hydrogen fuel recharging station. The existing railway connection will be reinstated, and the jetty area doubled in length. These elements of the project are classified as a Nationally Significant Infrastructure Project due to the energy generating capacity of the Energy Recovery Facility.

You can share your views with us by completing this consultation questionnaire. Following the consultation, we will consider all of the views we receive, continue our technical assessments, and prepare our DCO scheme design. We will present more information on this at a further statutory consultation stage later this year.

1. What are your initial impressions of the proposals for the North Lincolnshire Green Energy Park?

2. Do you have any insight in relation to the DCO scheme or local environment which you think we should consider while developing the proposal?

3. What is your current experience of traffic and congestion within the local area and are there any specific issues that we should be aware of?

4. Do you have any comments or questions relevant to the potential environmental impacts of our proposal?

5. Are there any specific enhancements locally you feel could be included as part of the DCO scheme?

6. Is there anything you would like to find out more about at the next round of consultation?

7. Do you have any further comments?

If you would like to be kept updated on this project, please provide your contact details below:

Name: _____

Address: _____

Telephone: _____

Email address: _____

Please tick the boxes below as appropriate:

Age: 0-19 20-39 40-59 60-79 80+

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Occupation: Student Part-time Full-time Retired Unemployed

 Employed Employed

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Your comments will be analysed by North Lincolnshire Green Energy Park and any of its appointed agents. Copies may be made available in due course to the Secretary of State, the Planning Inspectorate and other relevant statutory authorities so that your comments can be considered as part of the Development Consent Order (DCO) application process. We will request that your personal details are not placed on public record. Your personal details will be held securely by North Lincolnshire Green Energy Park in accordance with the data protection law and will be used solely in connection with the consultation process and subsequent DCO application and, except as noted above, will not be passed to third parties.

A-2.4 Stakeholder letter introducing the non-statutory consultation

20 May 2020 Dear [NAME],

The North Lincolnshire Green Energy Park

I am writing to introduce you to the North Lincolnshire Green Energy Park, a proposed new development at the Flixborough Industrial Estate, and to invite you to take part in a forthcoming public consultation. We are conscious of the possible impact the proposed development could have on your community, and we want to engage with local community representatives and stakeholders, offering you the opportunity to discuss the proposal directly with our team.

The North Lincolnshire Green Energy Park is an innovative proposal utilising a combination of technologies, to ensure that as much energy as possible is recovered from waste that cannot be recycled. At its core will sit an Energy Recovery Facility which will generate 95-megawatts of electricity from 380-megawatts of thermal energy. This will help meet the energy needs of 193,000 homes, directly create 300 new jobs and up to 100 apprenticeships, and offer opportunities for further zero-carbon business development.

Due to its energy generating capacity, the Energy Recovery Facility and its associated elements is classified as a Nationally Significant Infrastructure Project. For this type of development, the Government considers that development consent needs to be sought from the Secretary of State for Business, Energy and Industrial Strategy, rather than at a local level.

We will be consulting on our proposals between **26 May 2020 and 14 July 2020**. Due to the COVID-19 pandemic, we are having to consult in a different way than you might be used to. Unfortunately, restrictions introduced as a direct result of the pandemic mean we cannot hold any physical exhibitions and meetings during the consultation.

However, we are going the extra mile to ensure all consultees can have their say on our proposals and provide invaluable feedback using a range of digital and more traditional communication channels. As a key part of this, we will be distributing the enclosed booklet to more than 2,000 homes and businesses in your area. This includes more details on our proposal.

There are several ways in which you and the people you represent can provide feedback by the deadline of **14 July 2020**:

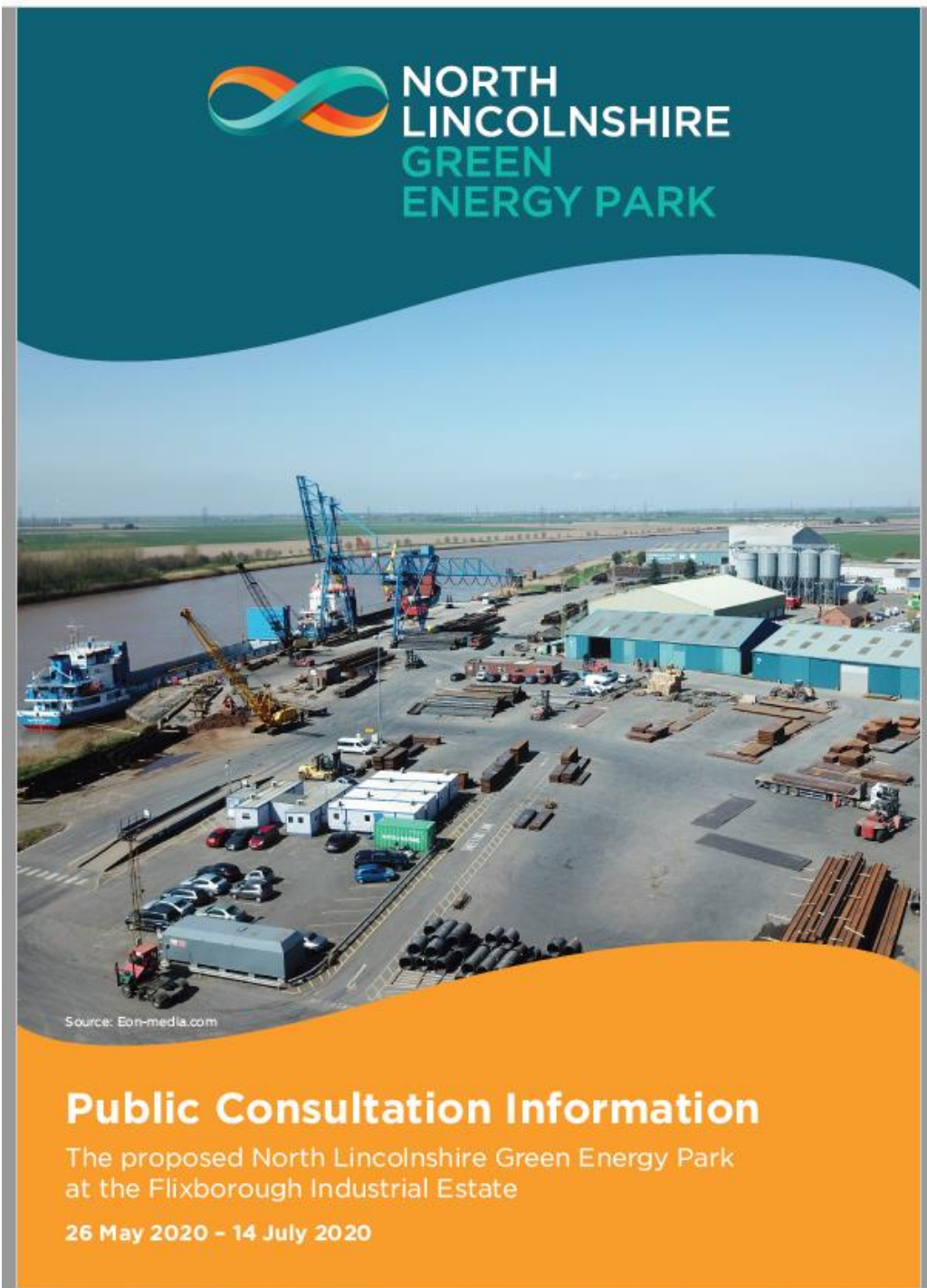
- **Completing a questionnaire online:**
[REDACTED]
- **Submitting a question:** on our website or via email and join our webinars
- **Emailing us:** info@northlincolnshiregreenenergypark.co.uk
- **Writing to us:** FREEPOST RTXY-USYY-HAXE, c/o Newgate Communications, Sevendale House, 5-7 Dale Street, Manchester, M1 1JA

For further information or to arrange a call with the project team, please get in touch by emailing info@northlincolnshiregreenenergypark.co.uk or calling [REDACTED]

Yours sincerely,

Colin Hammond, Head of Strategic Business Development

A-2.5 Non-statutory consultation booklet



**NORTH
LINCOLNSHIRE
GREEN
ENERGY PARK**

Source: Eon-media.com

Public Consultation Information

The proposed North Lincolnshire Green Energy Park
at the Flixborough Industrial Estate

26 May 2020 - 14 July 2020

Introduction

This booklet outlines our development proposals for the North Lincolnshire Green Energy Park, to be located at the site of the Flixborough Industrial Estate.

At this stage, we are introducing our vision for the scheme, the way we will develop our proposals in more detail, and the processes we will be following to seek development consent. We are also asking for your initial feedback on the project.

We are consulting at a time when the need to protect everyone's health means we cannot hold face to face meetings. This means we are asking for your views in ways which may be different to other consultations you may have attended previously.

We have thought carefully about ways to ensure that everyone across the community can respond to the consultation in these uncertain times, caused by the impact of COVID-19. We explain how to find out more about the scheme and respond to the consultation later in this booklet.



Who is Solar 21?

Solar 21 is promoting the North Lincolnshire Green Energy Park.

Solar 21 sources, develops, and manages renewable energy projects across a range of technologies including solar, biomass, biogas and energy recovery facilities.

Locally, Solar 21 built an award winning 23-megawatt biomass plant at Tansterne that ensures 150,000 tonnes of waste wood no longer goes to landfill. Solar 21 also built a 2-megawatt biogas plant at Plaxton which processes 80,000 tonnes of potato pulp each year. A new 26-megawatt Energy Recovery Facility, located at Melton, near Hull, is under construction and will turn 250,000 tonnes of refuse derived fuel, that would normally go to landfill or export, into useable energy. Construction will soon begin on another biogas plant co-located on the same site.

These projects help to deliver the UK Government's Clean Energy Strategy, which aims to boost renewable energy technology usage in the UK. In the East Midlands and South Yorkshire alone, Solar 21 has provided inward investment of £260m, into assets valued at £750m that will employ 150 local staff.



PLAN OF OTHER SOLAR 21 PROJECTS IN THE REGION



Our vision for the North Lincolnshire Green Energy Park

The North Lincolnshire Green Energy Park is an innovative proposal utilising a combination of technologies, to ensure that as much energy as possible is recovered from waste that cannot be recycled.

THE CORE INFRASTRUCTURE: GREEN ENERGY

At its core will sit an Energy Recovery Facility, generating up to 95-megawatts of electricity from 380-megawatts of thermal energy. To ensure the greatest possible efficiency, this will sit alongside 10-megawatts of hydrogen storage, 30-megawatts of battery storage, 120 tonnes of steam storage, and an ash treatment facility. The Energy Recovery Facility and associated energy developments are the focus of this consultation.

The Energy Recovery Facility will make a major contribution to waste management across the region, using up to 650,000 tonnes of residual waste, that might otherwise go to landfill or export every year. In doing so it will generate enough energy to meet the needs of up to 193,000 homes. It could also provide power, heat and cooling to the proposed new hospital in Scunthorpe.

Due to the size of the energy output, the scheme is classified as a Nationally Significant Infrastructure Project. This means we need to apply to the relevant Secretary of State for development consent to build this part of the scheme, rather than the local council. As it will require a Development Consent Order (or DCO), we refer to this as the DCO Scheme.

The DCO Scheme is expected to generate up to 300 new jobs.

GROWTH OPPORTUNITIES

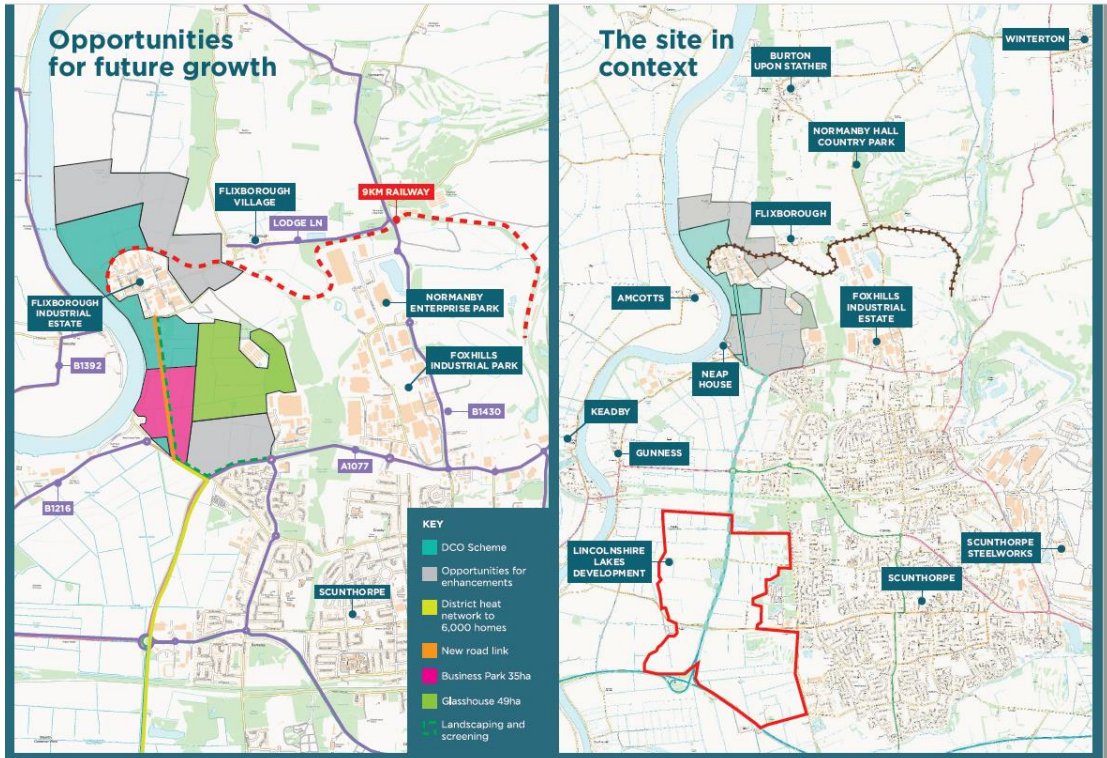
Local businesses will be able to use the heat generated by the Energy Recovery Facility, cutting their operating costs whilst making a sustainable use of a by-product. This will help attract businesses to the area such as manufacturing and chilled storage, and 'glasshouse' agriculture. We have estimated that this may create around 1,000 jobs.

These future opportunities are not part of the Nationally Significant Infrastructure Project and are therefore not directly part of this consultation. We will be applying separately to North Lincolnshire Council for planning permission, for any wider development.

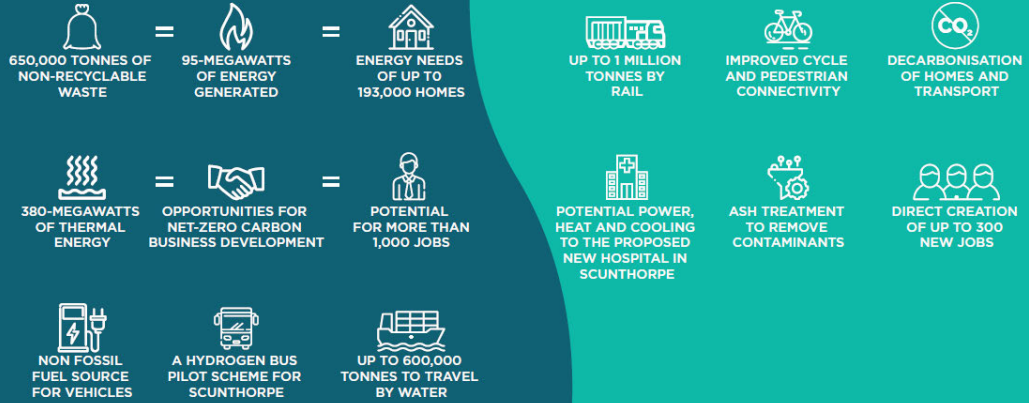


KEY

- DCO Scheme
- Opportunities for growth and enhancements
- District heat network to 6,000 homes
- New road link
- Landscaping and screening



Local and national benefits



Why is the DCO Scheme needed?

The Energy Recovery Facility will help meet two urgent national and local needs: to reduce the amount of waste going to landfill and to generate low carbon energy.

WASTE

26 million tonnes of waste left over after recycling in the UK is turned into refuse derived fuel, exported or sent to landfill every year. Refuse derived fuel is a way of recovering energy from waste that would otherwise go to landfill.

There are not enough facilities in the UK to process all the refuse derived fuel produced. 12 million tonnes a year, nearly half of the refuse derived fuel produced in the UK, is exported abroad or sent to landfill. Nearly one million tonnes of this currently travels by road to the Humber Ports and is exported.

ENERGY

At the same time, the UK's energy requirements are changing. The Government plans to close all coal-fired power stations by 2025, and to reach net-zero carbon emissions by 2050. Consequently, there is an urgent national need for new, low carbon energy generation.

The demand for energy is also becoming more complex. National Grid expects there to be up to 36 million more electric vehicles on UK roads by 2040. Our proposals can help address these changing patterns of demand by combining energy recovery with a range of energy storage technologies at the same site.

The North Lincolnshire Green Energy Park is being proposed within the North Yorkshire and Humber sub-region, where the Humber Local Enterprise Partnership has adopted an ambitious vision to see the area lead in renewable energy development and skills.

THE GOVERNMENT PLANS TO CLOSE ALL COAL-FIRED POWER STATIONS BY 2025

INCREASED ENERGY DEMAND FROM 36M ELECTRIC CARS

Destinations of refuse derived fuel in the East Midlands

INCOMING MATERIAL (TOP 6 CODES ONLY)

- 20 03 01
- 17 09 04
- 17 05 04
- 17 08 02
- 19 12 12
- 17 01 02

KEY:
 Input
 20-03-01 - Bio-degradable waste
 17-09-04 - Mixed construction waste
 17-05-04 - Soil and stones
 17-08-02 - Gypsum-based materials
 19-12-12 - Mechanically treated waste
 17-01-02 - Brick

OUTGOING MATERIAL (TOP 6 CODES ONLY)

- 19 12 12
- 19 12 10
- 19 12 07
- 19 12 01
- 19 12 05
- 19 12 02

Output
 19-12-12 - Mechanically treated waste
 19-12-10 - Refuse Derived Fuel
 19-12-07 - Non-hazardous wood
 19-12-01 - Paper and cardboard
 19-12-05 - Glass
 19-12-02 - Ferrous metals

TREATMENT KEY:

- LANDFILL
- INCINERATION
- RECOVERY
- TRANSFER
- TREATMENT
- OTHER

DESTINATION:

- WEST MIDLANDS
- EAST MIDLANDS
- OUTSIDE
- WEST MIDLANDS
- YORKS & HUMBERS
- NORTH WEST
- SCOTLAND
- OTHER

The energy recovery process

The process used to recover energy from waste left over after recycling at the North Lincolnshire Green Energy Park will make it one of the cleanest and most efficient facilities of its type in Europe.

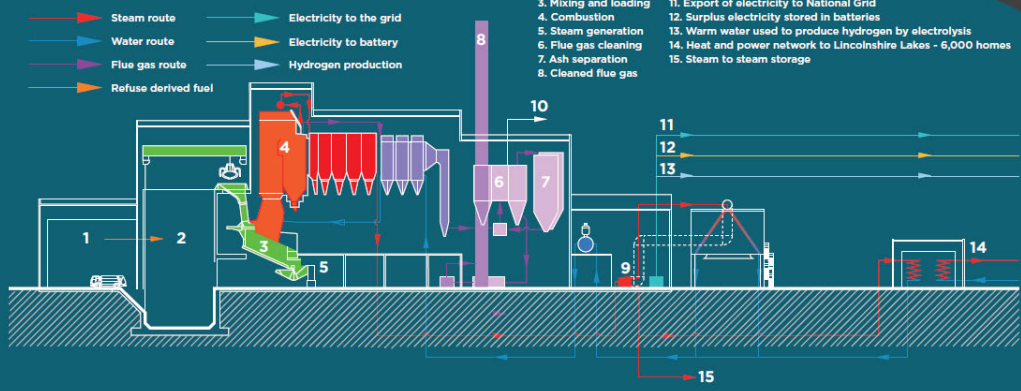
Project Aims

- 650,000 TONNES OF REFUSE DERIVED FUEL = 3.3 MILLION MWh
- CAPTURE AND USE OF 250,000 TONNES OF CARBON DIOXIDE PER YEAR
- HEAT TO 6,000 HOMES AT LINCOLNSHIRE LAKES
- 170,000 TONNES OF ASH TURNED INTO CONCRETE BLOCKS
- COMMUNITY ELECTRIC VEHICLE CHARGING SCHEME
- HYDROGEN TO DECARBONISE MARINE AND ROAD TRANSPORT

The Energy Recovery Facility will process refuse derived fuel to heat water into steam, which will turn a turbine to generate electricity. Refuse derived fuel is made from unrecyclable elements of your black bag waste and is a greener alternative to fossil fuels. Carbon dioxide, created as a result of this process, will be captured and cleaned from the exhaust gases and other emissions will be neutralised or mitigated prior to release.

There are very strict rules and regulations which set out what emissions can be released from energy recovery facilities via the chimney/stack as a result of the recovery process. We will work within these strict limits and along with the regulatory authorities may monitor what is released from the facility using an automatic system, operating 24 hours a day.

The aim is for the project to be able to capture, store and use as many of the by-products from the recovery process as possible, including carbon dioxide and ash. The ash from the energy recovery process may be treated and used on site to manufacture concrete blocks for use in construction, and the carbon dioxide will be used for glasshouse crop production.



Storing energy

Effective energy storage helps provide more energy for the nation to use as and when it is needed. Energy will be stored at the North Lincolnshire Green Energy Park using a variety of methods:



10MW OF HYDROGEN PRODUCTION AND STORAGE

Hydrogen is produced by electrolysis using hot water from the Energy Recovery Facility. Hydrogen is the most efficient method of long term energy storage.

120 TONNES OF THERMAL ENERGY (STEAM) STORAGE

We will capture and store excess heat as steam, and it will be possible to make this available for district heating in the local area to lower costs and increase energy efficiency. The ability to manage excess heat will feed the district heat system and lower domestic carbon usage.



30MW OF BATTERY STORAGE

This method will provide resilience to the National Grid. It will ensure there is a supply of stored electricity resources which can be released when local and network demands are high. It will also ensure that the electric vehicle charging station will use off-peak power to charge vehicles at peak demand.

Employment and skills

Our proposals will give a significant boost to the local economy, providing substantial investment, high quality jobs, apprenticeships and training opportunities.

THE DCO SCHEME: GREEN INFRASTRUCTURE

Figures from a recent economic report produced by consultants Mott MacDonald suggest that up to 300 jobs could be created within the DCO Scheme. These elements are the focus of this Development Consent Order submission.

We will place a major emphasis on creating training opportunities at the site, including an apprenticeship scheme with up to 100 places. We will also welcome school groups and other visitors to the site, so that we can educate the next generation about the role of the Energy Recovery Facility as part of the UK's energy supply.

GROWTH OPPORTUNITIES

Our plan is that the North Lincolnshire Green Energy Park will eventually include a glasshouse development and business park. This would consist of up to 40,000 square metres of business space.

The opportunity to co-locate a glasshouse development will utilise heat and carbon dioxide from the Energy Recovery Facility.

Mott MacDonald have suggested these additional developments could create more than 1,000 jobs and support the longer-term sustainability of the port.

These additional elements will be brought forward as separate planning applications.

FULL TIME EQUIVALENT ROLES CREATED AT THE NORTH LINCOLNSHIRE GREEN ENERGY PARK

SITE AREA	FULL TIME EMPLOYEES CREATED (estimated)	EXISTING USE FULL TIME EMPLOYEES (estimated)
CORE FACILITY		
Energy Recovery Facility/refuse derived fuel storage facility (including concrete block manufacturing unit)	100	18
SUPPORTING INFRASTRUCTURE		
Maritime development	18	18
Railway line and railhead	10	0
Electric vehicle charging and hydrogen refuelling stations	5	0
FUTURE GROWTH OPPORTUNITIES		
Commercial Glasshouse	60	0
Business Enterprise Park	986	0
TOTAL	1,179	36

Environmental impact assessments

The North Lincolnshire Green Energy Park will be designed to be sustainable and to capture and use as many by-products of the energy recovery process as possible. However, as with any major infrastructure project, we recognise that the DCO Scheme has the potential to cause some environmental impacts, but it also offers the opportunity to create enhancements. For example, the DCO Scheme is likely to include planting as screening and for biodiversity reasons, which will also help absorb carbon dioxide. Ash treatment will remove potential contaminants and dioxins, and carbon dioxide capture will further clean flue gases.

All potential environmental impacts will be identified, minimised as much as possible and managed. To this end, habitat surveys have been undertaken over the past two years. We will produce and submit a thorough Environmental Impact Assessment with the application for consent submitted to the Secretary of State. This will be produced in line with the Planning (Environmental Impact Assessment) Regulations 2017 and will include detailed assessments of the DCO Scheme's potential impacts on matters such as: landscape and visual amenities; existing road and other transport infrastructure; noise and vibration; socioeconomic; cultural and archaeological heritage; pollution and air quality; water and ground conditions; and any cumulative effects. The Environmental Impact Assessment will identify and propose suitable mitigation.

The Environmental Impact Assessment is a long-term process, which needs to take place over time. From the start, we need to agree the types and scope of assessments we carry out with regulatory bodies such as Natural England and the Environment Agency. We are early in this process and will present further information on this at the statutory consultation.

Initial environmental constraints plan

- Legend
- North Lincolnshire Green Energy Park Site Centre
 - Local Nature Reserve (LNR)
 - Site of Special Scientific Interest (SSSI)
 - Local Building
 - Scheduled Ancient Monument (SAM)
 - Conservation Area
 - National Nature Reserve (NNR)
 - Special Area of Conservation (SAC)
 - Public Rights of Way
 - Special Protection Area (SPA)
 - Country Park
 - Ramsar Site
 - Important Bird Area (IBA)

The above legend is for information only and does not constitute a guarantee or warranty. It is subject to change without notice. It is not intended to be used as a basis for any legal proceedings.



Transport and access

The site already benefits from excellent transport links. Our aim is to maximise the use of the jetty and the rail link. Flixborough Port, which has the capacity to handle in excess of 600,000 tonnes per year of goods by sea, will remain operational, co-located with the Energy Recovery Facility.

It is proposed that the North Lincolnshire Green Energy Park will be accessed by rail, river and road. These elements will form part of the Development Consent Order application.

RAIL

The private 9km long, single track railway line that connects Flixborough Port with the steel works at Scunthorpe will be cleared and brought back into use to transport refuse derived fuel, ash, and concrete products. We will also apply as part of the Development Consent Order application to build a new railhead where the railway line joins the new extended jetty.

RIVER

We will utilise the River Trent via Flixborough Wharf. We will be applying as part of the Development Consent Order to extend the existing jetty from 180m to 390m.

ROAD

Flixborough Industrial Estate is close to the A1077 and is connected to the strategic motorway network via the M181, located approximately 5km to the south. As part of the DCO Scheme, we will build a new link road from the Flixborough Industrial Estate to the A1077 to reduce impacts on nearby homes and improve access from the south.

SUSTAINABLE TRANSPORT

We will also work to decarbonise local transport. The proposals will include electric vehicle charging and a hydrogen refuelling station. This could support a hydrogen bus pilot scheme in Scunthorpe.

Health and safety

The health and safety performance of the North Lincolnshire Green Energy Park is of utmost importance to Solar 21. Our commitment to employees and the local community is that their continued well-being and safety will always be our highest priority.

Well managed energy recovery sites are safe, and there is a long and proven track record of reliability and efficiency in this highly regulated sector.

Any emissions will be managed by state-of-the-art air pollution control and filtration systems. The Environment Agency sets and rigorously enforces the emissions limits for energy recovery facilities, which ensures every site operates within the legal parameters.



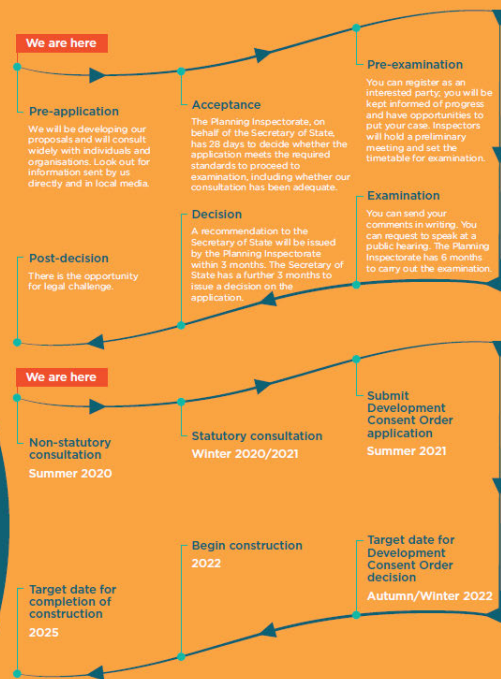
The National Infrastructure Planning Process


The DCO Scheme is classified as a Nationally Significant Infrastructure Project. This is because the Energy Recovery Facility will have the capacity to generate more than 50-megawatts of electricity. This means consent must be granted by the Secretary of State for Business, Energy and Industrial Strategy through a Development Consent Order. The consent process for Nationally Significant Infrastructure Projects is set out in the Planning Act 2008.

Unlike local planning permissions, which are considered by local planning authorities, Development Consent Order applications are assessed by the Planning Inspectorate. This government agency manages the application process on behalf of the Secretary of State.

Development Consent Order applications follow a fixed, statutory process which requires the applicant to consult with the local community and key stakeholders before the application is submitted. These stakeholders include: North Lincolnshire Council, Natural England and local parish councils among others.

We intend to carry out two rounds of consultation before submitting the Development Consent Order application. This first round is a voluntary (non-statutory) high-level informal consultation to introduce the DCO Scheme to local people. We will use what we learn from this first stage of consultation to help inform a more detailed proposal. The second (statutory) round of consultation, planned for later this year, will contain further detail about the proposals and a preliminary assessment of environmental impacts.





Your views

We want to understand the issues that are important to you, as well as any suggestions you may have.

The consultation is taking place at a time when it is not possible to meet in person, due to the COVID-19 pandemic. We are continuing with the consultation given the wider context of the urgent national energy need that the DCO Scheme will help meet.

It is very important to make sure that anyone in the community who wants to find out more or share their views on the proposals, is able to do so. We are providing a range of ways to do this.

How to find out more

- 1 Visit our website: www.northlincolnshiregreenenergypark.co.uk
- 2 View a presentation we will give about the proposals online through a webinar. This will also offer the opportunity to ask questions about the proposals. You can register for the webinar on our website, or by using the contact details below.
- 3 Book an appointment to speak with us individually by telephone using the contact details below. This will offer an opportunity to speak with the project team directly and ask any questions you may have.
- 4 Contact us on:
0800 150 3353
info@northlincolnshiregreenenergypark.co.uk
FREEPOST RTXY-USYY-HAXE, c/o Newgate Communications, Sevendale House, 5-7 Dale Street, Manchester, M1 1JA

Consultation

We are consulting between 26 May 2020 and 14 July 2020. We would be very grateful if you could share your response by the closing date of the consultation.

Following this consultation, we will consider all the comments we receive, continue our technical and environmental assessments, and prepare our design. We will present more information on this at the statutory consultation stage later this year.

HOW TO RESPOND

Complete a questionnaire online at www.northlincolnshiregreenenergypark.co.uk

Email us at info@northlincolnshiregreenenergypark.co.uk

Write to us at
FREEPOST RTXY-USYY-HAXE, c/o Newgate Communications, Sevendale House, 5-7 Dale Street, Manchester, M1 1JA