



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 1

1.2 Application Guide

PINS reference: EN010116

September 2022

Revision number: 1



Contents

1. INTRODUCTION	1
1.1 Overview.....	1
1.2 The Applicant.....	1
1.3 The Project	1
1.4 Project Elements.....	4
1.5 The Purpose and Structure of this Document.....	5
2. APPLICATION DOCUMENTS	6

List of Tables

Table 2.1 Application Documents	7
---------------------------------------	---

Acronyms and Abbreviations

Name	Description
AGI	Above Ground Installation
APFP	Applications: Prescribed Forms and Procedures
CBMP	Concrete Block Manufacturing Plant
CO ₂	Carbon Dioxide
DCO	development Consent Order
DHPWN	District Heat and Private Wire Network
EIA	Environmental Impact Assessment
ERF	Energy Recovery Facility
ES	Environmental Statement
EV	Electric Vehicle
H ₂	Hydrogen
ha	Hectare
IDB	Internal Drainage Board
NLGEPL	North Lincolnshire Green Energy Park Limited
NPSs	National Policy Statements
NSIP	Nationally Significant Infrastructure Project
PINS	Planning Inspectorate
PRF	Plastic Recycling Facility
PV	Photovoltaic
RHTF	Residue Handling and Treatment Facility
SoS	Secretary of State for Business, Energy and Industrial Strategy
SPV	Special Purpose Vehicle
UK	United Kingdom

1. INTRODUCTION

1.1 Overview

- 1.1..1 This 'Application Guide' document (**Document Reference 1.2**) has been prepared on behalf of North Lincolnshire Green Energy Park Limited (the Applicant). It forms part of the application (the Application) for a Development Consent Order (DCO), that has been submitted to the SoS under section 37 of the Planning Act 2008 (the 2008 Act).
- 1.1..2 The Applicant is seeking development consent for the construction and operation of a combined heat and power (CHP) enabled energy generating development, with an electrical output of up to 95 megawatts (MWe), incorporating carbon capture, associated District Heat and Private Wire networks (DHPWN), hydrogen production, ash treatment, and other associated developments (the Project). The Project is primarily located at Flixborough Industrial Estate, situated at Stather Rd, Flixborough, Scunthorpe (the Application Land).
- 1.1..3 A DCO is required for the Project as it falls within the definition and thresholds for a 'Nationally Significant Infrastructure Project' (NSIP) under sections 14(1)(a) and section 15(2) of the 2008 Act.
- 1.1..4 The DCO, if made by the SoS, would be known as the 'North Lincolnshire Green Energy Park Order' (the Order).

1.2 The Applicant

- 1.2..1 The Applicant is a Special Purpose Vehicle (SPV) set up by Solar 21 Renewable Energy Limited (S21). S21 is a renewable energy investment company headquartered in Dublin, Ireland with locations in the United Kingdom (UK) and Italy.
- 1.2..2 Established in 2010, S21 specialises in the acquisition and management of solar photovoltaic (PV) installations and the development of renewable power assets including biomass, biogas and energy recovery projects in the UK and Europe.
- 1.2..3 S21 has been delivering steady returns to investors since 2011 from its PV assets. To date, S21 has acquired or developed in excess of €240 million in renewable energy assets. Its current pipeline of projects is expected to bring this to €2 billion over the next five years, which includes this Project as part of a series of new energy recovery plants in the UK.

1.3 The Project

- 1.3..1 The Application Land is located at Flixborough Industrial Estate, situated at Stather Rd, Flixborough, Scunthorpe. The Energy Recovery Facility (ERF) and other above ground elements of the

Project will be situated within a 460 hectare (ha) plot of land located between Flixborough Wharf, and to the north of the B1216 Ferry Road West. This area of the Order Limits is referred to as the Energy Park Land.

- 1.3..2 The surrounding area is characterised primarily by The River Trent to the West, the built development of Scunthorpe to the south and east and agricultural fields to the north and south. The main settlements of the Application Land are the towns and villages of Scunthorpe, Flixborough and Amcotts.
- 1.3..3 The Project is wholly located within the jurisdiction of North Lincolnshire Council (NLC) local planning authority.
- 1.3..4 For the purposes of providing clarity the land within the Order Limits is divided into four distinct geographical areas relating to the specific elements of the Project:
- 1.3..5 **The Energy Park Land** – The Energy Park Land is located on land within and to the south of Flixborough Industrial Estate, to the west of Scunthorpe, North Lincolnshire. The Energy Park Land encompasses an area within and adjacent to Flixborough Wharf (RMS Trent Ports) on the east bank of the River Trent. The Flixborough Wharf and Flixborough Industrial Estate together form an industrial complex that has supported a range of businesses and industrial activities since the early 1900s. Existing infrastructure at the site includes roads, a rail spur, a 155m long Wharf, weigh bridge, cranes, warehousing and stock sheds, workshops and portable offices.
- 1.3..6 Land adjacent to the Flixborough Industrial Estate included within the Application Land is currently a mix of both brownfield land and areas used for arable agriculture, comprising a number of fields separated by hedgerows and well-established drainage ditches which are maintained by the Internal Drainage Board (IDB).
- 1.3..7 **The Northern District Heat and Private Wire Network (NDHPWN) land** – The route of the NDHPWN runs from the ERF down the new access road to the southern end of the Energy Park Land where the B1216 (Ferry Road West) meets the A1077 (Phoenix Parkway). The route follows the A1077 towards the east, passing the Skippingdale Retail Park on its south site and crossing the common land at Atkinsons' Warren / Foxhills Plantation.
- 1.3..8 East of the common land, the route passes south of the Foxhills Industrial Park where the NDHPWN land incorporates

rough grassland with hedges to the north of the A1077 and agricultural land and use of highways land.

1.3..9 Following this route two options have been proposed continuing from the roundabout junction with the A1430 (Normanby Road):

- Option A - the route passes south towards the built-up urban centre of Scunthorpe via Normanby Road, where the route remains lined on both sides by residential and industrial areas; or
- Option B –the route continues on the A1077 until the junction with Bessemer Way to the south. The route will follow Bessemer Way until the junction with Warren Road turning due west to meet the Normanby Road.

1.3..10 **The Southern District Heat and Private Wire Network (SDHPWN) land** - The route of the SDHPWN runs from the southern end of the Energy Park Land where the B1216 (Ferry Road West) joins the A1077, and then heads south through the agricultural land on the west side of the A1077. It will pass under the IDB drain north of the roundabout.

1.3..11 At Doncaster Road, the SDHPWN will pass under the carriageway and continue south across the agricultural land, where it will pass under the Crowle to Scunthorpe railway line and terminate in the field to the north of the B1450 (Burringham Road).

1.3..12 **The Railway Reinstatement Land** - the disused railway line between the main Network Rail line at Dragonby and the Wharf at Flixborough previously served the port operations through the delivery of steel and other materials to and from British Steel at Scunthorpe up until its closure in 2012. The line runs in a roughly east-west direction, weaving between the industrial settings of Normanby Industrial Estate, the mineral workings, industrial developments at Dragonby Rail Sidings, slag dumping zones, quarries, and arable agricultural land, on a mix of embankments and cuttings that are lined with trees along much of the line length.

1.3..13 The line passes immediately to the north of the Normanby Enterprise Park before winding around a long 's' bend to the south of Flixborough village and looping around the northern edge of

Flixborough Industrial Estate, where the line terminates at the Wharf edge.

1.3..14 A more detailed description of the Application Land is provided at Chapter 3: Project Description in the ES (**Document Reference 6.2.3**).

1.4 Project Elements

1.4..1 The main components of the Proposed Development are summarised below:

- an ERF, including;
 - switchyard;
 - a water treatment facility; and
 - a carbon dioxide (CO₂) capture utilisation and storage (CCUS) facility;
- a bottom ash and flue gas residue handling and treatment facility (RHTF);
- a concrete block manufacturing facility (CBMF);
- a plastic recycling facility (PRF);
- a hydrogen production and storage facility;
- an electric vehicle (EV) and hydrogen (H₂) re-fuelling station;
- battery storage;
- a hydrogen and natural gas above ground installation (AGI);
- a new access road and parking;
- a gatehouse and visitor centre with elevated walkway;
- railway reinstatement works including, sidings at Dragonby, reinstatement and safety improvements to the 6km private railway spur, and the construction of a new railhead with sidings south of Flixborough Wharf;
- a northern and southern district heating and private wire network (DHPWN);
- habitat creation, landscaping and ecological mitigation, including green infrastructure and 65 acre wetland area;
- new public rights of way and cycle ways including footbridges;
- Sustainable Drainage Systems (SuDS) and flood defence; and
- utility constructions and diversions.

1.4..2 A more detailed description of the Project is provided within Schedule 1 of the Draft DCO and Chapter 3: Project Description within the ES (**Document Reference 6.2.3**). Chapter 3 of the ES sets out the spatial location, together with an explanation of the importance and

relevance of each element of the Project. Each of the above facilities are presented in Figure 3 of Appendix A, Chapter 1 of the ES.

1.5 The Purpose and Structure of this Document

- 1.5..1 The purpose of this Application Guide is to list the documents (the Application Documents) that make up the Application submitted to the SoS. In addition, it sets out how the Application Documents submitted comply with relevant legislative and policy requirements and guidance.
- 1.5..2 The Application Guide will be updated by the Applicant, as required, during the examination of the Application by the SoS and documents that have been superseded will be clearly identified as such.
- 1.5..3 The Application Documents are listed in Section 2 (Table 2.1) of this document.

2. APPLICATION DOCUMENTS

- 2.1..1 The Application Documents have been grouped into appropriate categories and each has been given its own document reference in Table 2.1 on the following pages.
- 2.1..2 In addition to listing the Application Documents submitted, Table 2.1 also identifies where these have been provided to comply with relevant legislative requirements, or specific policy and relevant guidance. The legislative requirements for DCO applications are principally contained in the 2008 Act, the Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009 (APFP Regulations) and the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (The Infrastructure EIA Regulations 2017). Specific policies are set out in relevant energy National Policy Statements (NPS) including The Overarching Energy National Policy Statement (NPS EN-1) and the National Policy Statement for Renewable Energy Infrastructure (NPS EN-3).
- 2.1..3 Regulation 5 of the APFP Regulations lists the documents that all DCO applications must include. Regulation 5 includes a category (Reg. 5(2)(q)) described as "*any other documents considered necessary to support the application*". Similarly, Regulation 5 (Reg. 5(2)(o)) also allows applicants to submit other plans, drawings and sections which are considered necessary to describe the proposals for which development consent is sought.
- 2.1..4 Regulation 6 of the APFP Regulations sets out a number of documents that particular types of DCO application must include. Those relating to generating stations are relevant to the Project and include a Grid Connection Statement.
- 2.1..5 The Application submitted for the Project is considered to comply with the statutory requirements of the 2008 Act, the APFP Regulations and The Infrastructure EIA Regulations 2017, and also with the applicable SoS and Planning Inspectorate (PINS) guidance, including PINS Advice Note 6 'Preparation and submission of application documents' (version 10).

Table 2.1 Application Documents

Application Document Reference	Application Document Name	Statutory/ other requirement	Current Revision Number
<i>Volume 1.0</i>			
<i>Application Form and related Documents</i>			
1.1	Application Cover Letter	APFP Reg. 5(2)(q)	0
1.2	Application Guide (this document)	APFP Reg. 5(2)(q)	1
1.3	S. 55 Application Acceptance Checklist	APFP Reg. 5(2)(q)	0
1.4	Electronic Index	APFP Reg. 5(2)(q)	0
1.5	Application Form	APFP Reg. 5(1) and Section 37 (3)(b) (2008 Act)	0
1.6	Notices for Statutory Publicity	APFP Reg. 5(2)(q), PINS Advice Note 6 and Application Form (Boxes 8(b) and 14(c))	0
1.7	Project Glossary	APFP Reg. 5(2)(q)	1
<i>Volume 2.0</i>			
<i>Draft Development Consent Order</i>			
2.1	Draft DCO	APFP Reg. 5(2)(b)	1
2.2	Draft Explanatory Memorandum	APFP Reg. 5(2)(c)	0
<i>Volume 3.0</i>			
<i>Land Information / Compulsory Acquisition Information</i>			
3.1	Book of Reference	APFP Reg. 5(2)(d)	0
3.2	Statement of Reasons	APFP Reg. 5(2)(h)	0
3.3	Funding Statement	APFP Reg. 5(2)(h)	0
<i>Volume 4.0</i>			
<i>Plans, Drawings and Sections</i>			
4.1	Location Plan and Order Limit Plans	APFP Reg.5(2)(o)	0
4.2	Land Plans	APFP Reg.5(2)(i)	0
4.3	Rights of Way and Access Plans	APFP Reg. 5(2)(k)	0
4.4	Works Plans A Works Plans B Works Plans C	APFP Reg. 5(2)(j)	1

Application Document Reference	Application Document Name	Statutory/ other requirement	Current Revision Number
4.5	Indicative Connections Plans	APFP Reg. 5(2)(o)	0
4.6	Plans of statutory or non statutory sites or features of nature conservation	APFP Reg. 5(2)(l)(i)	0
4.7	Plans showing statutory or non statutory historic or scheduled monument sites or features of the historic environment	APFP Reg. 5(2)(m)	1
4.8	Hedgerows Plan	APFP Reg. 5(2)(o)	0
4.9	Indicative Phasing Plan	APFP Reg. 5(2)(o)	0
4.10	Indicative Landscape and Biodiversity Plans	APFP Reg. 5(2)(o)	0
4.11	Indicative Site Layout for the ERF and Associated Development	APFP Reg. 5(2)(o)	0
4.12	Indicative elevations and sectional drawings for the ERF and built Associated Development (with vertical parameters)	APFP Reg. 5(2)(o)	0
4.13	Indicative floor plans and roof plans for the ERF and built Associated Development	APFP Reg. 5(2)(o)	0
4.14	Indicative Highways drawings	APFP Reg. 5(2)(o)	0

Application Document Reference	Application Document Name	Statutory/ other requirement	Current Revision Number
4.15	Indicative Railway drawings	APFP Reg. 5(2)(o)	0
4.16	Indicative Surface Water Drainage Plan	APFP Reg. 5(2)(o)	0
4.17	Indicative Utility diversion drawings	APFP Reg. 5(2)(o)	0
4.18	Vertical Parameters Plans	APFP Reg. 5(2)(o)	0
4.19	TRO Drawings	APFP Reg. 5(2)(o)	0
4.20	Special Category Land plans	APFP Reg. 5(2)(i)(iv)	0
Volume 5.0	Reports and Statements		
5.1	Planning Statement	APFP Reg. 5(2)(q)	0
5.2	RDF Supply Assessment	APFP Reg. 5(2)(q) and NPS EN-3 – paras.2.5.66-2.5.69	0
5.3	Design and Access Statement	APFP Reg. 5(2)(q)	0
5.4	Combined Heat & Power Assessment	APFP Reg. 5(2)(q), EN-1 - 4.6 and EN-3 - 2.5.26-2.5.27	0
5.5	Grid Connection Statement	APFP Reg. 5(2)(p) and Reg. 6(1)(a)	0
5.6	Statutory Nuisance Statement	APFP Reg. 5(2)(f)	0
5.7	Outline Landscape and Biodiversity Management and Monitoring Plan	APFP Reg. 5(2)(q)	0
5.8	Consents & Licenses Document	APFP Reg. 5(2)(q) and PINS Advice Note 6	0
5.9	Report to inform Habitat Regulations Assessment	APFP Reg. 5(2)(a), 5(2)(g) and The	0

Application Document Reference	Application Document Name	Statutory/ other requirement	Current Revision Number
		Infrastructure EIA Regulations 2017	
5.10	R1 Assessment	APFP Reg. 5(2)(q)	0
5.11	Rail Operations Report	APFP Reg. 5(2)(q)	0
5.12	Design Principles and Codes	APFP Reg. 5(2)(q)	0
5.13	Deed of Development Consent Obligations	APFP Reg. 5(2)(q)	0
Volume 6.0	Environmental Statement		
6.1	Non-technical Summary	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.1	Chapter 1: Introduction	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.2	Chapter 2: Policy and Legislative Context	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.3	Chapter 3: Project Description and Alternatives	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.4	Chapter 4: EIA Process and Assessment Methodology	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.5	Chapter 5: Air Quality	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.6	Chapter 6: Climate	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0

Application Document Reference	Application Document Name	Statutory/ other requirement	Current Revision Number
6.2.7	Chapter 7: Noise	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.8	Chapter 8: Ground Conditions, Contamination and Hydrogeology	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.8b	Appendix B. Envirocheck Report.	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.9	Chapter 9: Water Resources and Flood Risk	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.10	Chapter 10: Ecology and Nature Conservation	APFP Reg. 5(2)(a), 5(2)(l) and The Infrastructure EIA Regulations 2017	0
6.2.11	Chapter 11: Landscape and Visual Impact	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.12	Chapter 12: Archaeology and Cultural Heritage	APFP Reg. 5(2)(a), 5(2)(m) and The Infrastructure EIA Regulations 2017	0
6.2.13	Chapter 13: Traffic and Transport	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.14	Chapter 14: Economic, Community and Land Use Impacts	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.15	Chapter 15: Waste	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0

Application Document Reference	Application Document Name	Statutory/ other requirement	Current Revision Number
6.2.16	Chapter 16: Major Accidents and Hazards	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.17	Chapter 17: Health	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.18	Chapter 18: Cumulative and Indirect Effects Assessment	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.2.19	Chapter 19: Mitigation Chapter	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
	<i>EIA Annexes</i>		
6.3.1	Annex 1: NLGEP Scoping Report	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.3.2	Annex 2: PINS Scoping Opinion	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.3.3	Annex 3: Flood Risk Assessment	APFP Reg. 5(2)(a), 5(2)(e) and The Infrastructure EIA Regulations 2017	0
6.3.4	Annex 4: Indicative Lighting Strategy	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.3.5	Annex 5: Indicative Drainage Strategy	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
6.3.6	Annex 6: Navigation Risk Assessment	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0

Application Document Reference	Application Document Name	Statutory/ other requirement	Current Revision Number
6.3.7	Annex 7: Code of Construction Practice	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	1
6.3.8	Annex 8: Operational Environmental Management Plan	APFP Reg. 5(2)(a) and The Infrastructure EIA Regulations 2017	0
Volume 7.0	Consultation		
7.1	Consultation Report	Section 37(3) (c) 2008 Act	0
7.2.1	Appendix A-1 Groups consulted as part of non-statutory consultation	Section 37(3) 2008 Act	0
7.2.2	Appendix A-2 Materials published as part of non-statutory consultation	Section 37(3) 2008 Act	0
7.2.3	Appendix A-3 Responses to non-statutory consultation	Section 37(3) and Section 37(7)(b) 2008 Act	0
7.2.4	Appendix A-4 Update newsletter	Section 37(3)) 2008 Act	0
7.2.5	Appendix B-1 Scoping report acknowledgement letter	Section 37(3) 2008 Act	0
7.2.6	Appendix C-1 LPA feedback on early draft SoCC	Section 37(3) and Section 47(2) 2008 Act	0
7.2.7	Appendix C-2 Draft SoCC and covering email	Section 37(3) and Section 47(1) 2008 Act	0
7.2.8	Appendix C-3 LPA response to SoCC	Section 37(3) and Section 37(7)(b) 2008 Act	0

Application Document Reference	Application Document Name	Statutory/ other requirement	Current Revision Number
7.2.9	Appendix C-4 Publication SoCC and S47 notice as inserted	Section 37(3) and Section 47(6)(b) 2008 Act	0
7.2.10	Appendix D-1 List of consultees under s42(1)(a) and (b)	Section 37(3) and Section 42(1)(a) and (b) 2008 Act	0
7.2.11	Appendix D-2 List of land interests consulted under S42(1)(d) and S44 of the Planning Act 2008	Section 37(3), Section 42(1)(d) and Section 44 2008 Act	0
7.2.12	Appendix D-3 Letters to consultees under S42(1)(a), (b) and (d)	Section 37(3) and Section 42(1)(a)(b) and (d) 2008 Act	0
7.2.13	Appendix E-1 S46 notification	Section 37(3) and Section 46 2008 Act	0
7.2.14	Appendix F-1 List of non-statutory groups consulted during statutory consultation	Section 37(3) 2008 Act	0
7.2.15	Appendix G-1 Consultation publicity materials	Section 37(3) and Section 48 2008 Act	0
7.2.16	Appendix G-2 Statutory consultation materials	Section 37(3) and Section 48 2008 Act	0
7.2.17	Appendix H-1 Newspaper notices under S48 of the Planning Act 2008	Section 37(3) and Section 48 2008 Act	0
7.2.18	Appendix I-1 Regard had to consultation responses	Section 37(3) and Section 47(5) 2008 Act	0

Application Document Reference	Application Document Name	Statutory/ other requirement	Current Revision Number
7.2.19	Appendix J-1 Scheme website	APFP Reg. 3(3)(e) and Section 37(3) 2008 Act	0
7.2.20	Appendix K-1 Further consultation under S42(1)(d) and S44 of the Planning Act 2008	Section 37(3), Section 42(1)(d) and Section 44 2008 Act	0