

Preliminary Environmental Information Report

Calderdale Energy Park

7 April 2026

Volume 1, Chapter 1 : Introduction

PINS Reference: EN0110023

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations
2009 – Reg 5 (2) (a).



Table of contents

1	INTRODUCTION	1
1.1	Purpose of the Preliminary Environmental Information Report (PEIR)	1
1.2	Background Information	1
1.3	Project Team and Competency	7
1.4	PEIR Feedback Process	7

1 Introduction

1.1 Purpose of the Preliminary Environmental Information Report (PEIR)

- 1.1.1 This Preliminary Environmental Information Report (PEIR) has been prepared by Logika Group on behalf of Calderdale Wind Farm Ltd (the 'Applicant') to support the emerging proposals for Calderdale Energy Park (the 'Proposed Development').
- 1.1.2 This PEIR forms part of the Environmental Impact Assessment (EIA) process being undertaken for the Proposed Development. It provides an overview of the preliminary work undertaken to date to understand the likely significant environmental effects of the Proposed Development, at this point in time, during its construction, operational and maintenance and decommissioning phases.
- 1.1.3 The purpose of the PEIR is to share the current design and the preliminary findings of the environmental assessments so that consultees, including the public, local authorities and statutory bodies, can provide informed feedback.
- 1.1.4 As this is a preliminary stage, the design and environmental information is still evolving. Additional surveys, technical assessments and the refinement of mitigation measures are ongoing and will continue to be undertaken during and following statutory consultation. The outcomes of this work will be reported in the Environmental Statement (ES), which will accompany the Development Consent Order (DCO) Application (see **Chapter 2: Environmental Impact Assessment** and **Chapter 7: Methodology for the Preliminary Environmental Information Report** for further details).
- 1.1.5 The PEIR also sets out how feedback from consultation will help shape the final design and technical assessments presented in the ES. By publishing this PEIR, the Applicant seeks to ensure that consultees are informed about the project's progress and have an opportunity to influence the Proposed Development before the DCO Application is submitted.

1.2 Background Information

The Applicant

- 1.2.1 The Applicant is sponsored by NextGen Infra, a global investment group and subsidiary of Al Gihaz Holding. NextGen Infra has a development track record of over 550 megawatts (MW) of renewable energy projects. Al Gihaz Holding is active across the energy, construction and industrial solutions sectors. The holding has a strong presence in the UK power supply chain via Lamprell; a leading provider of contracting services in oil, gas and renewables, and Enshore Subsea; an industry

expert in subsea cabling solutions for offshore wind infrastructure. Lamprell is committed to ensuring that its presence contributes to sustainable growth and development, creating positive social impact and helping to support the UK in meeting its legally binding Net Zero targets.

Project Overview

- 1.2.2 The Applicant is seeking a DCO for the Proposed Development that comprises:
- The Turbine Area, which comprises up to 34 wind turbines, an onsite substation, internal site access tracks, and other ancillary on-site infrastructure (such as onsite cabling infrastructure);
 - Access routes, including the Eastern Access Route and Western Access Route, that will provide access from the existing highway/road network to the Turbine Area; and
 - Bradford West Cable Corridor, within which underground cabling will connect the Turbine Area to the Point of Connection at the Bradford West Substation.
- 1.2.3 The components set out above are situated within the PEIR Boundary shown in **Figure 3-1**. The extents and locations of the components of the Proposed Development outlined above are provided in **Figures 3-2 – 3-5**. A high-level description of the PEIR Boundary is provided in **Chapter 3: Description of the PEIR Boundary and Surrounding Area**.
- 1.2.4 At this stage of the process, the exact route of the Bradford West Cable Corridor remains undecided and a level of flexibility is sought. Further surveying and modelling, in combination with consultee responses will inform the final Bradford West Cable Corridor. The final Bradford West Cable Corridor will be set out in the ES and DCO Application.
- 1.2.5 In addition to the above, there will be additional land for supporting infrastructure works (e.g. to enable delivery of wind turbine components from the anticipated Port of Entry to the Turbine Area), potential land for ecological compensation and compensation for Open Access Land and Common Land, where necessary. The details of this additional land are under development at this point in time. Full details will be provided within the ES.
- 1.2.6 The Proposed Development will have a total generation capacity of over 100MW and is anticipated to be up to approximately 240MW.
- 1.2.7 A description of the Proposed Development, as known at this point in time, is provided below under **Chapter 4: The Proposed Development**.

- 1.2.8 In April 2025, the Applicant made a request to the Secretary of State (SoS) for Energy Security and Net Zero for a direction under Section 35 of the Planning Act 2008¹ that the Proposed Development be development for which development consent is required. This direction was sought due to the scale and importance in helping the UK Government deliver its Net Zero targets by 2050. It is also consistent with the Government's commitment to bring onshore wind projects with a generation capacity of at least 100MW into the Nationally Significant Infrastructure Projects (NSIP) regime, which occurred on 31 December 2025². On 23 April 2025, the SoS issued a direction under Section 35 of the Planning Act 2008 confirming that the Proposed Development is to be treated as development for which development consent under the Planning Act 2008 is required. This means that the Applicant must apply for a DCO under the Planning Act 2008 to construct, operate and maintain, and decommission the Proposed Development.
- 1.2.9 The Proposed Development is subject to EIA and this process is being undertaken in accordance with the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017³ (the 'EIA Regulations'). The process and contents of an EIA are set out in Regulation 5 of the EIA Regulations. Central to this process is the preparation of an ES and the carrying out of associated procedural steps, including consultation, publicity and notification. The need for EIA and the overarching process is set out in **Chapter 2: Environmental Impact Assessment**.

This Preliminary Environmental Information Report

- 1.2.10 This PEIR has been produced in accordance with the requirements of Regulation 12(2) of the EIA Regulations, which states:

"In this regulation, "preliminary environmental information" means information referred to in regulation 14(2) which –

(a) has been compiled by the applicant; and

(b) is reasonably required for the consultation bodies to develop an informed view of the likely significant environmental effects of the development (and of any associated development)."

¹ Planning Act 2008. Available at: <https://www.legislation.gov.uk/ukpga/2008/29/contents>. Accessed September 2025.

² His Majesty's Government (HM GOV) (2025) The Infrastructure Planning. (Onshore Wind and Solar Generation) Order 2025 – <https://www.legislation.gov.uk/uksi/2025/694/contents/made>.

³ Her Majesty's Office (HMSO) (2017) The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017.

- 1.2.11 In addition to the EIA Regulations, this PEIR has been produced in accordance with the Planning Inspectorate (PINS) Advice Note Seven⁴ taking note of paragraph 8.4 that states:

“A good PEI document is one that enables consultees (both specialist and non-specialist) to understand the likely environmental effects of the Proposed Development and helps to inform their consultation responses on the Proposed Development during the pre-application stage.”

- 1.2.12 This PEIR is prepared in advance of the submission of the DCO Application to the SoS and is part of the ‘pre-application’ stage for NSIPs. In respect of the EIA process for the Proposed Development, the preparation of the PEIR follows submission of the request for a Scoping Opinion but precedes the carrying out of a full EIA which is reported on in the ES, which is then submitted as a part of the DCO Application (see **Chapter 2: Environmental Impact Assessment** for more information on the EIA process).

- 1.2.13 This PEIR has been informed by the Scoping Report submitted by the Applicant on 1 September 2025 (available here: [Scoping Report](#)) and the Scoping Opinion provided by PINS that was adopted on 10 October. The feedback received through the Scoping Opinion has informed this PEIR, in particular the sources of information consulted, data collected and the scope of the EIA. Further details on the Scoping process are provided in **Chapter 2: Environmental Impact Assessment**.

- 1.2.14 The format of this PEIR has been prepared in accordance with the Planning Act 2008 and PINS’ Advice Note Seven, noting paragraph 8.4 which states:

“There is no prescribed format as to what PEI should comprise and it is not expected to replicate or be a draft of the ES. However, if the Applicant considers this to be appropriate (and more cost-effective) it can be presented in this way.”

- 1.2.15 The guidance on Planning Act 2008: Pre-application stage for Nationally Significant Infrastructure Projects⁵ states that:

⁴ PINS Advice Note Seven. Available at: <https://infrastructure.planninginspectorate.gov.uk/legislation-and-advice/advice-notes/advice-note-seven-environmental-impact-assessment-process-preliminary-environmental-information-and-environmental-statements/#8>. Accessed September 2025.

⁵ Ministry of Housing, Communities and Local Government and Department for Levelling Up, Housing and Communities (2024) Guidance Planning Act 2008: Pre-application stage for Nationally Significant Infrastructure Projects. Available at: [Planning Act 2008: Pre-application stage for Nationally Significant Infrastructure Projects - GOV.UK](#). Accessed November 2025.

“There is no prescribed format for PEI. However, depending on the availability of material, applicants are encouraged to prepare this as an early draft of the Environmental Statement and include it as such as part of the statutory consultation”

- 1.2.16 Accordingly, where possible, this PEIR has been structured to present a preliminary assessment of the likely significant environmental effects in the format of a draft ES. However, a tailored approach has been taken for certain elements of the Proposed Development where further design work is ongoing, notably the Bradford West Cable Corridor, which will accommodate the export cable from the Turbine Area to the Bradford West Substation, for which detailed route information is not yet available. Some technical assessments and environmental surveys are also ongoing.
- 1.2.17 As such, several technical aspect Chapters (and technical effect assessments) within this PEIR do not follow the format of a draft ES. However, each technical assessment provides a clear summary of the work undertaken to date (including a view on the likely significant effects, where possible) and outlines the next steps to be completed prior to submission of the ES.
- 1.2.18 Full details of all components of the Proposed Development, together with an assessment of any likely significant environmental effects and proposed mitigation measures for the Proposed Development in totality will be presented within the ES submitted with the DCO Application.

PEIR Structure

- 1.2.19 This PEIR comprises the following volumes:
- 1.2.20 **Volume 1: Main Report** (introductory Chapters):
- **Chapter 1: Introduction;**
 - **Chapter 2: Environmental Impact Assessment;**
 - **Chapter 3: Description of the PEIR Boundary and Surrounding Area;**
 - **Chapter 4: The Proposed Development;**
 - **Chapter 5: Alternatives and Design Evolution;**
 - **Chapter 6: Legislative and Planning Policy Context; and**
 - **Chapter 7: Methodology for the Preliminary Environmental Information Report.**

1.2.21 Volume 2: Main Report (technical aspect Chapters):

- **Chapter 8: Biodiversity;**
- **Chapter 9: Ornithology;**
- **Chapter 10: Hydrology and Hydrogeology, Geology and Peat;**
- **Chapter 11: Carbon and Climate Change;**
- **Chapter 12: Landscape and Visual;**
- **Chapter 13: Historic Environment;**
- **Chapter 14: Transport and Access;**
- **Chapter 15: Noise and Vibration;**
- **Chapter 16: Air Quality;**
- **Chapter 17: Socio-Economics and Tourism;**
- **Chapter 18: Human Health;**
- **Chapter 19: Aviation and Radar;**
- **Chapter 20: Major Accidents and Disasters;**
- **Chapter 21: Shadow Flicker;**
- **Chapter 22: Materials and Waste;**
- **Chapter 23: Other Environmental Matters (Agricultural Land and Land Contamination);**
- **Chapter 24: Cumulative Effects; and**
- **Chapter 25: Summary.**

1.2.22 Volume 3: Supporting Information (to Volumes 1 and 2):

- **Figures;**
- **Appendices; and**
- **Non-Technical Summary.**

1.3 Project Team and Competency

- 1.3.1 The production of this PEIR has been co-ordinated by Logika Consultants Ltd. Specialist environmental consultants were appointed by the Applicant to provide technical inputs for the EIA and each of the Chapters.
- 1.3.2 Regulation 14(4) of the EIA Regulations requires that in order “to ensure the completeness and quality of the environmental statement -
- ‘(a) the applicant must ensure that the environmental statement is prepared by competent experts;’ and*
- ‘(b) the environmental statement must be accompanied by a statement from the applicant outlining the relevant expertise or qualifications of such experts.’*
- 1.3.3 While this is a PEIR and not an ES, to provide robust reporting, in accordance with these requirements the Applicant’s EIA team and relevant credentials are set out in **Appendix 1-1: Statement of Expertise** along with each of the respective technical aspects.

1.4 PEIR Feedback Process

- 1.4.1 We are inviting feedback on this PEIR during the statutory consultation period, which will run from April 2026.
- 1.4.2 During this time, the PEIR and supporting documents can be accessed on our consultation website - <https://www.calderdaleenergypark.co.uk/>.
- 1.4.3 Written feedback can be submitted on the PEIR by completing a consultation questionnaire, which is available online at the consultation website (web address above) as well as in hard copy at consultation events or by request. Written feedback can also be submitted by email or post through the contact information below:
- **Email:** info@calderdaleenergypark.com
 - **Freepost:** **Freepost CALDERDALE ENERGY PARK** (no further address details are required).

