



Additional Information Report

Lairdmannoch Energy Park

Main Report

Lairdmannoch Energy Park Limited

wind2

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Glossary of Terms

Term	Definition
The Applicant	Lairdmannoch Energy Park Limited
The Agent	Atmos Consulting Limited
Environmental Advisors and Planning Consultants	Atmos Consulting Limited
Environmental Impact Assessment	Environmental Impact Assessment (EIA) is a means of carrying out, in a systematic way, an assessment of the likely significant environmental effects from a development
Environmental Impact Assessment Regulations	The Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017 (EIA Regulations)
Environmental Impact Assessment Report	A document reporting the findings of the EIA and produced in accordance with the EIA Regulations
2025 EIA Report	Environmental Impact Assessment Report submitted with application ECU00004900 in May 2025
The Proposed Development	Lairdmannoch Energy Park
The Proposed Development Site	The full application boundary as per Figure 1-1

List of Abbreviations

Abbreviation	Description
agl	Above ground level
AI	Additional Information
BESS	Battery Energy Storage System
EIA	Environmental Impact Assessment
ECU	Energy Consents Unit
HES	Historic Environment Scotland
NSA	National Scenic Area
NTS	Non-Technical Summary

1. Introduction

- 1.1.1. In May 2025, Lairdmannoch Energy Park Limited ('the Applicant') submitted a planning application (Ref. No: ECU00004900) to the Energy Consents Unit (ECU) seeking consent under Section 36 of the Electricity Act 1989 (the 'Electricity Act') and deemed planning permission under Section 57 of the Town and Country Planning (Scotland) Act 1997 (the '1997 Act') for the construction and operation of an electricity generating station known as Lairdmannoch Energy Park (the 'Proposed Development').
- 1.1.2. The application included an Environmental Impact Assessment Report (the '2025 EIA Report'), prepared in accordance with the Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017 (the 'EIA Regulations').
- 1.1.3. This Additional Information (AI) Report contains revisions to the 2025 EIA Report in the form of Chapters reflecting the changes to the Proposed Development. Where indicated the revised Chapters wholly replace those Chapters included in the 2025 EIA Report. New text is shown in red italics, while replacement text is identified using strikethrough formatting.
- 1.1.4. This AI Report also addresses a number of consultation responses that were received between July and November 2025.
- 1.1.5. In addition, the AI Report includes a Grid Connection Appraisal, prepared in response to the ECU's request for further information regarding the implications of the *Raeshaw Farms Limited v Scottish Ministers* [2026] CSIH 10 judgment for the Proposed Development.

1.2 The Applicant

- 1.2.1. Lairdmannoch Energy Park is being developed by Lairdmannoch Energy Park Limited (the Applicant), which is part of a joint venture between Wind 2 Limited (Wind2) and companies managed by Octopus Energy Generation.
- 1.2.2. Wind2 is a specialist renewable energy developer which is working on the development of a range of renewable energy projects across the UK. The company has personnel in Edinburgh, Perth, Cromarty, Wells (Somerset) and in Mold in North Wales. Further information on Wind2 can be found on its company website at <https://wind2.co.uk>.
- 1.2.3. Octopus Energy Generation are one of Europe's largest investors in renewables, managing £6.74 billion of green energy generation across 20 countries producing 3.25GW of renewable energy. Octopus Energy Generation operate wind, solar and battery projects across the UK.
- 1.2.4. Further information on Octopus Energy Generation can be found on its company website at <https://www.octopusenergygeneration.com/>. The Applicant is committed to investing in Dumfries and Galloway through renewable energy projects, with the community benefits and additional outcomes that renewable energy development can bring (including construction and post construction employment).

1.3 The Project Team

- 1.3.1. This report has been prepared by Atmos Consulting with assistance from the same team of independent experts from the original 2025 EIA report (refer to Table 1-2 of **Chapter 1: Introduction** of the 2025 EIA Report). All are suitably qualified and competent experts in their field, as is required under the EIA Regulations.

1.4 Purpose of the AI Report

- 1.4.1. This AI Report has been prepared following revisions to the Proposed Development in response to consultation feedback received from NatureScot. The revisions comprise a reduced scheme intended to minimise the potential effects on Special Landscape Quality 3 of the Fleet Valley National Scenic Area (NSA). The revised scheme has also taken account of consultation feedback received from Historic Environment Scotland (HES).
- 1.4.2. The Applicant considers that the layout assessed in the 2025 EIA Report was acceptable in terms of its effects on the NSA. However, having regard to the consultation responses received from NatureScot and HES, the Proposed Development has been amended to address the matters raised.
- 1.4.3. The layout changes made to the Proposed Development when compared to the 2025 EIA Report are the removal of Turbine 8 (T8) and the reduction in tip height of Turbine 6 (T6) and Turbine 9 (T9) from 180 m to 149.9 m.
- 1.4.4. An overview of the revised Proposed Development is provided in Section 1.4 below. Full details of the revisions are presented in **AI Chapter 3: Description of Development** of this AI Report.

1.5 The Proposed Development

- 1.5.1. The Proposed Development would consist of six wind turbines with a tip height of 180 m above ground level (agl), two wind turbines with a tip height of 149.9 m (agl), ground mounted solar panels, a battery energy storage system (BESS) and associated infrastructure including:
- Access tracks;
 - Turbine foundations and crane hardstandings;
 - Substation;
 - One borrow pit;
 - Underground cabling;
 - Temporary construction compound;
 - Solar infrastructure including a power station and switching and breaking station; and
 - Up to ten watercourse crossings.
- 1.5.2. The Proposed Development is made up of two renewable technologies (wind and solar) which are discussed in individual detail within the 2025 EIA Report and the AI Report, where applicable. The Proposed Development will feature a BESS which will support the integration of low carbon power generated by the two renewable technologies for export to the National Grid.
- 1.5.3. The Proposed Development will have an indicative electricity export output of approximately 53MW from wind generation, 20MW from solar and a battery storage capacity of up to 20MW. The total project capacity will be approximately 93MW.
- 1.5.4. The site layout is presented in **AI Figure 1-2** in Volume 4 of this AI Report.
- 1.5.5. Final wind turbine location grid references are provided in **Table 1-1**.

Table 1-1: Wind Turbine Location Co-ordinates

Wind Turbine ID	Easting	Northing	National Grid Reference (NGR)	Base Elevation (metres above ordnance datum)
T01	265239	562342	NX648623	207
T02	264844	562621	NX648626	200

Wind Turbine ID	Easting	Northing	National Grid Reference (NGR)	Base Elevation (metres above ordnance datum)
T03	265108	561474	NX651614	210
T04	264650	561311	NX646613	197
T05	264681	561843	NX646618	211
T06	264319	562695	NX643626	210
T07	264389	562152	NX643621	224
T09	263821	562108	NX638621	230

1.6 Structure of the AI Report

1.6.1. Due to the minor changes to the Proposed Development, the majority of the environmental effects reported within the 2025 EIA Report remain unchanged. In particular, the following assessments are unaffected by the revisions to the Proposed Development:

- Chapter 1: Introduction (material changes are addressed within this report);
- Chapter 2: EIA Approach & Methodology (no change to the assessment methodology);
- Chapter 4: Planning and Energy Policy (no material changes to planning or energy policy since May 2025);
- Chapter 8: Hydrology, Hydrogeology and Geology (including peat) (the revisions to the Proposed Development do not result in changes to infrastructure that would materially affect hydrology, hydrogeology, geology or peat-related matters);
- Chapter 11: Transport and Access (no changes to the proposed site access or off-site access arrangements);
- Chapter 12: Socio-economics, Tourism and Recreation (no changes); and
- Chapter 14: Other Considerations (no changes).

1.6.2. The corresponding Chapters within the 2025 EIA Report therefore remain valid and are not reproduced within this AI Report.

1.6.3. The AI Report is supported by the following:

- Volume 1: Updated Non-Technical Summary;
- Volume 2: Updated and New* EIA Chapters
 - AI Chapter 3: Description of Development;
 - AI Chapter 5: Landscape and Visual;
 - AI Chapter 6: Ecology;
 - AI Chapter 7: Ornithology;
 - AI Chapter 9: Noise;
 - AI Chapter 10: Cultural Heritage;
 - AI Chapter 13: Climate Change and Carbon Balance;
 - AI Chapter 15: Schedule of Proposed Mitigation Measures;
 - AI Chapter 16: Summary of Residual Effects; and
 - AI Chapter 17: Forestry*
- Volume 3: Updated and New* Technical Appendices (TAs);
 - AI TA 1-1: Response to the Ironside Farrer Stage 1 Checking Report*
 - AI TA 5-4: Viewpoint Analysis

- AI TA 5-5: Assessment of Effects on Special Landscape Qualities
- AI TA 5-6: Residential Visual Amenity Assessment
- AI TA 6-7: Revised Bat Curtailment Strategy*
- AI TA 6-8: National Vegetation Classification Survey (Western Access)*
- AI TA 6-9: Fish Habitat Survey and Outline Sampling Locations for Future Fish Monitoring Plan*;
- AI TA 7-1: Ornithology;
- AI TA 10-2: Photographic Plates;
- AI TA 10-3: Setting Assessment
- AI TA 13-1: Carbon Calculator
- Volume 4: Updated and New* Figures;
 - AI Figure 1-2: Site Layout;
 - AI Figure 1-3: Site Context;
 - AI Figure 1-4: Cumulative Sites to 15 km;
 - AI Figure 3-1: Detailed Site Layout;
 - AI Figure 3-2a: Design Evolution – Wind Development;
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 - AI Figure 5-3: A1 format ZTV WF only with viewpoints and national landscape-related designations up to 45km radius - bare ground;
 - AI Figure 5-4: Landscape Planning Designations with bare ground blade tip ZTV - detailed study area - 15km;
 - AI Figure 5-5: Local Landscape Character with bare ground blade tip ZTVs - detailed study area - 15km;
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 - AI Figure 5-7: Visual Receptor Locations (including recreational and routeway) with screened blade tip ZTV - detailed study area -15km;
 - AI Figure 5-8: Night-Time (Aviation Lighting) Hub-Height bare ground with VPs, bare ground ZTV - 20km;
 - AI Figure 5-9: Access Route ZTV bare ground with VPs;
 - AI Figure 5-10: Access Route ZTV screened with VPs;
 - AI Figure 5-11: Reduced study area ZTV for Solar Farm with viewpoints - bare ground - 5km;
 - AI Figure 5-13: Cumulative Baseline 30km – incl. detailed cumulative study area, 20km;
 - AI Viewpoints 1-25 incl. Existing panoramas, photomontages and wirelines of the Proposed Development;
 - AI Figure 6-4: NVC;
 - AI Figure 6-5: Protected Species;
 - AI Figure 6-10: Fish Habitat Survey with Indicative Electrofishing and Water Quality Sampling Locations*;

- AI Figure 7-1-9: Raptor survey results Access Track Survey 2025*
- AI Figure 7-1-10: Greenland White-fronted goose movements*
- AI Figure 7-1-11: RSPB Data Red kite results*
- AI Figure 7-1-12: RSPB Data Black grouse leks*
- AI Figure 7-1-13: RSPB Data Nightjar records*
- AI Figure 10-1: Viewpoint CH1 - Loch Mannoch, Cairn (SM1033: Asset 1);
- AI Figure 10-2: Viewpoint CH2 - Loch Mannoch, Stone Circle (SM1033: Asset 1);
- AI Figure 10-3: Viewpoint CH2 - Loch Mannoch, Stone Circle (SM1033: Asset 1);
- AI Figure 10-4: Viewpoint CH4 - Loch Mannoch, eastern Loch Shore;
- AI Figure 10-5: CH5 - Bargatton Farm, Cairn 610m south of (SM1002: Asset 3);
- AI Figure 10-6: CH6 - Cairntosh Hill, Cairn (SM2237; Asset 128);
- AI Figure 10-7: Craig Hill, Fort, Laurieston (SM2891; Asset 5);
- AI Figure 10-8: CH8a - Edgerton Mote, Fort 690m SW of Camelon Bridge (SM1119; Asset 2);
- AI Figure 10-9: CH9 - Rusco Tower (LB3299: Asset 38);
- AI Figure 10-10: CH10-10 - Anwoth Old Church Churchyard (LB3309; Asset 30/55);
- AI Figure 10-11: CH11 - Cally (GDL00079; centred Asset 37);
- AI Figure 10-12: CH12 - Kirkconnel Farmhouse and Steading (LB17188; Asset 62);
- AI Figure 10-13: CH13 - Gatehouse of Fleet Conservation Area (centred Asset 139);
- AI Figure 10-16: Heritage Assets within the Site (Western Area);
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- AI Figure 10-19: Designated Heritage Assets and Non-designated Assets of Potential National Importance within the 2 km and 5 km Study Areas with Wind Zone of theoretical Visibility (ZTV);
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- AI Figure 17-7: Forest crops within the western roadline - first section*;
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- AI Figure 17-9: Forest crops within the western roadline - third section*;
- AI Figure 17-10: Forest crops within the western roadline - fourth section*;
- AI Figure 17-11: Forest crops within the eastern roadlines*; and
- AI Figure 17-12: Native woodland around the Lauriston Forest roadline
- Volume 5: Updated Confidential Appendices

- AI TA 7-2: Ornithology (Confidential Appendix)
- Grid Connection Appraisal

1.7 Responses to Consultee Comments

- 1.7.1. Responses to consultee comments on the 2025 EIA Report can be found within the following reports:
- AI Chapter 5: Landscape and Visual;
 - AI Chapter 6: Ecology;
 - AI Chapter 7: Ornithology;
 - AI Chapter 10: Cultural Heritage;
 - AI TA 1-1: Response to the Ironside Farrer Stage 1 Checking Report.

1.8 Contact Details

- 1.8.1. A copy of the EIAR volumes and AI Report will be made available for download from the Applicant's project website at: <https://lairdmannochenergypark.co.uk/>
- 1.8.2. Paper copies of the NTS are available free of charge from:
- info@wind2.co.uk
 - 01352 748300
 - Wind2 Limited, 2 Walker Street, Edinburgh, EH3 7LB
- 1.8.3. Paper copies of the AI Report (including Supporting Documents and Non-Technical Summary) may be purchased by arrangement from the above address for £1,400 per copy, or free per USB stick copy. The price of the paper reflects the cost of producing all of the Landscape and Visual photographs at the recommended size.
- 1.8.4. A publicly available hardcopy of the AI Report volumes will be available for viewing at the following address from the 27th July until the 7th September 2026:

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And

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Kirkbank House

English Street

Lairdmannoch Energy Park

Dumfries

DG1 2HS

United Kingdom