

## 5 Approach to EIA

### 5.1 Introduction

- 5.1.1 Chapter 4: Approach to EIA of the EIA Report October 2023 discusses the broad approach and methodology undertaken to assess the original proposed development in accordance with the EIA Regulations. It also sets out the assumptions that were made in undertaking the EIA for the original proposed development.
- 5.1.5 The methodologies used for, and assumptions applied to, the assessments carried out as part of the AEI Report remain consistent with the EIA Report October 2023 unless otherwise stated with the AEI technical chapters.
- 5.1.6 This AEI considers the revisions to the revised proposed development as detailed in **AEI Chapter 2: Revised Proposed Development** and as presented in **AEI Figure 1.3**, which include the removal of wind turbines numbered T1 - T4 and T17 - T19.
- 5.1.7 The EIA Report October 2023 considered the likely effects of a larger scale development scenario on the environment and whether any of these effects could be significant. The AEI Report focusses on outlining the changes in predicted effects arising from the revised proposed development.

### 5.2 Scope of the EIA

- 5.2.1 Refer to Chapter 4 of the EIA Report October 2023 for information in relation to the scoping process, scoping opinion and further scope evolution and consideration of alternatives.

#### EIA Report Consultation Responses

- 5.2.2 Consultation responses to the Section 36 Application were received between November 2023 and July 2024. In order to present the most up to date information, this AEI Report also addresses comments made by consultees on the original proposed development post submission, and how issues raised have been addressed in this AEI Report. This information is presented in a summary table provided in **AEI Appendix 5.1**.

### 5.3 Consideration of Cumulative Effects

- 5.3.1 In accordance with the EIA Regulations, the assessment presented in the EIA Report October 2023 considered 'cumulative effects' that might arise from the proposed development in conjunction with other similar projects that are in development, i.e. projects that are not reported in the baseline but have a reasonable expectation of being development (are 'reasonably foreseeable'). The study area for considering cumulative effects is specific to each technical discipline and established within each technical chapter. The technical discipline which considered the largest cumulative study area is landscape and visual, which considered cumulative effects within approximately 35km from the site as detailed in Table 5.2 of the EIA Report October 2023.

- 5.3.2 To account for potential changes to cumulative renewable energy developments within this 35km study area, an updated cumulative search was undertaken in January 2024 using data available from relevant planning authority websites.
- 5.3.3 Cumulative renewable energy developments included in Table 5.2 of the EIA Report October 2023 are presented in conjunction with the findings of the additional cumulative search identified in December 2024 in **AEI Table 5.1**. Where necessary, the status of the renewable energy developments identified in Table 5.2 of the EIA Report October 2023 has also been updated.

**AEI Table 5.1: Cumulative renewable energy developments within 45km**

Site Name	Status	Number of Wind Turbines	Blade Tip Height	Hub Height	Council Area
<b>Cumulative renewable energy developments presented in Table 5.2 of the EIA Report October 2023</b>					
Aikengall	Operational	16	125	80	East Lothian
Aikengall II	Operational	19	145	80	East Lothian
Aikengall IIa	Operational	19	145	90	Scottish Borders (14no.) and East Lothian (5no.)
Barmoor	Operational	6	110	65	Northumberland
Black Hill	Operational	22	78	50	Scottish Borders
Bowbeat	Operational	24	80	50	Scottish Borders
Brockholes	Operational	3	79	55	Scottish Borders
Carcant	Operational	3	107	67	Scottish Borders
Crystal Rig I/IA	Operational	25	100	60	Scottish Borders
Crystal Rig II/IIA	Operational	60	36 at 110, 24 at 125	36 at 68.5, 24 at 78.5	Scottish Borders (23no.) and East Lothian (38no.)
Crystal Rig III	Operational	6	4 at 100, 2 at 110	4 at 59, 2 at 69	East Lothian
Drone Hill	Operational	22	76	46	Scottish Borders
Dun Law I	Operational	26	68	46	Scottish Borders
Dun Law II	Operational	35	75	49	Scottish Borders
Fallago Rig	Operational	48	7 at 110, 41 at 125	7 at 65, 41 at 80	Scottish Borders

Ferneylea	Operational	2	71	55	East Lothian
Hoprigshiels	Operational	3	115	70	Scottish Borders
Howpark	Operational	8	100	60	Scottish Borders
Keith Hill	Operational	5	76	50	East Lothian
Langhope Rig	Operational	10	121.2	80	Scottish Borders
Longpark	Operational	19	100	60	Scottish Borders
Penmanshiel	Operational	14	100	59	Scottish Borders
Pogbie	Operational	6	76	50	East Lothian
Pogbie II	Operational	6	74	50	East Lothian
Toddleburn	Operational	12	125	80	Scottish Borders
Quixwood	Operational	13	10 at 115, 3 at 100	10 at 68.5, 3 at 59	Scottish Borders
Cloich	Consented but permission lapsed	18	115	70	Scottish Borders
Crystal Rig IV	Consented	11	4 at 200, 4 at 149.9, 3 at 174.5	4 at 135, 4 at 92.9, 3 at 109.5	Scottish Borders
Cloich Variation	Application	12	149.9	83.4	Scottish Borders
Dunside	Application	15	220	130	Scottish Borders
Greystone Knowe	Application	14	180	105	Scottish Borders
Scawd Law	Application	8	180	103	Scottish Borders
Wull Muir	Application	8	149.9	82	Scottish Borders
<b>Additional Cumulative Renewable Energy Developments identified as at December 2024</b>					
Ditcher Law	Application	9	200	122.5	Scottish Borders
Lees Hill	Application	6	200	119	Scottish Borders
Leithenwater	Application	13	12 at 200, 1 at 200	12 at 122.5, 1 at 102.5	Scottish Borders
Newlands Hill	Application	17	15 at 200, 2 at 180	15 at 122.5, 2 at 102.5	East Lothian

Monashee	Scoping	4	200	Not stated	Scottish Borders
Torfichen	Application	19	180	105	Midlothian
Mid Hill	Scoping	42	200		Scottish Borders
Crystal Rig 1 Repower	Scoping	10	250		Scottish Borders