ACHANY EXTENSION WIND FARM

EIA REPORT

VOLUME 3 - FIGURES



CONTENTS

Figure 7.4.2:

Figure 1.1:	Location Plan
Figure 1.2:	Site Context
Figure 2.1:	Natural Heritage Designations
Figure 2.2:	Designated and Protected Landscapes
Figure 3.1 (A to D):	The Proposed Development
Figure 3.2:	Indicative Turbine Geometry
Figure 3.3:	Indicative WTG Foundation
Figure 3.4:	Indicative Access Track Details
Figure 3.5:	Indicative LiDAR
Figure 3.6:	Indicative Crane Hardstanding Details
Figure 3.7:	Construction Compound (Indicative Layout)
Figure 3.8a:	Indicative Substation Plan
Figure 3.8b:	Indicative Substation Elevations
Figure 3.9a:	Indicative Operations and Welfare Building
Figure 3.9b:	Indicative Operations and Welfare Building – Elevations
Figure 3.10a:	Indicative Existing Operations Building Extension
Figure 3.10b:	Indicative Existing Operations Building Extension - Elevations
Figure 7.1.1:	Study Areas and Zone of Theoretical Visibility
Figure 7.1.2:	Study Areas and Zone of Theoretical Visibility (A1 size)
Figure 7.2.1:	Designated and Protected Landscapes with ZTV
Figure 7.3.1:	Landscape Character Types within Wider Study Area
Figure 7.3.2:	Landscape Character Types within Detailed Study Area
Figure 7.3.3:	Landscape Character within Detailed Study Area with ZTV
Figure 7.4.1:	Viewpoints

Viewpoints (A1 size)

July 2021 1

Figure 7.5.1:	Visual Receptors – Residential Receptor Locations and Core Paths (sheet 1 of 3)
Figure 7.5.2:	Visual Receptors – Residential Receptor Locations (sheet 2 of 3)
Figure 7.5.3:	Visual Receptors – Residential Receptor Locations (sheet 3 of 3)
Figure 7.6.1:	Visual Receptors – Routes included in the Assessment
Figure 7.6.2:	Visual Receptors – Routes included in the Assessment (Detail)
Figure 7.7.1:	Cumulative Sites Within 60km
Figure 7.7.2:	Cumulative Sites Included in the Assessment
Figure 7.8.1:	Cumulative ZTV: Proposed Development with all Cumulative Baseline Sites
Figure 7.8.2:	Cumulative ZTV: Proposed Development with Operational / Under Construction Sites
Figure 7.8.3:	Cumulative ZTV: Proposed Development with Operational / Under Construction and Consented Sites
Figure 7.8.4:	Cumulative ZTV: Proposed Development with Operational / Under Construction, Consented and Application / Appeal Sites
Figure 7.8.5:	Cumulative ZTV: Proposed Development with Achany and Rosehall
Figure 7.8.6:	Cumulative ZTV: Proposed Development with Lairg and Strath Tirry
Figure 7.8.7:	Cumulative ZTV: Proposed Development with Lairg Extension (Consented) and Lairg Extension (Application)
Figure 7.8.8:	Cumulative ZTV: Proposed Development with Meall Buidhe and Strathrory
Figure 7.8.9:	Cumulative ZTV: Proposed Development with Creag Riabhach and Braemore
Figure 7.8.10:	Cumulative ZTV: Proposed Development with Kilbraur (and Extension) and South Kilbraur
Figure 7.8.11:	Cumulative ZTV: Proposed Development with Gordonbush (and Extension) and Kintradwell
Figure 7.8.12:	Cumulative ZTV: Proposed Development with Novar and Extension and Coire na Cloiche
Figure 7.8.13:	Cumulative ZTV: Proposed Development with Beinn Tharsuinn and Beinn nan Oighrean
Figure 7.8.14:	Cumulative ZTV: Proposed Development with Lochluichart (and Extension)
Figure 7.8.15:	Cumulative ZTV: Proposed Development with Lochluichart Extension 2 (Consented) and Lochluichart Extension 2 (Scoping)
Figure 7.8.16:	Cumulative ZTV: Proposed Development with Kirkan and Corriemoillie
Figure 7.8.17:	Cumulative ZTV: Proposed Development with Garvary and Chleansaid
Figure 7.8.18:	Cumulative ZTV: Proposed Development with Sallachy
Figure 8.1:	Statutory and Non-Statutory (non-avian) Designated Sites within 10km
Figure 8.2:	Phase 1 Habitat Survey Results

July 2021 2

Volume 3 – Figures

Figure 9.1: Site Context in Relation to NHZs and SPAs

Figure 9.2: Site Context in Relation to NHZs, SPAs and Wind Farms/Other Developments

Figure 9.3: Local Site Context in Relation to SPAs, SSSI & Wind Farms/Other Developments

Figure 9.4: Local Site Context in Relation to SPA/Ramsar Site, SSSIs and Local Wind Farm Developments

Figure 9.5: Site Boundary and Proposed Wind Farm Infrastructure

Figure 9.6a: Site Boundary, Proposed Turbine Layout and Landownership Boundaries

Figure 9.6b: Site Boundary, Proposed Turbine Layout, Landownership Boundaries and HMUs

Figure 9.7a: Vantage Point Locations with 2km Viewshed to 15m (Sep. 2018 – Mar. 2019)

Figure 9.7b: Vantage Point Locations with 2km Viewshed to 15m (Apr. 2019 – Aug. 2020)

Figure 9.8: Breeding Diver Survey Boundary

Figure 9.9: Black Grouse, Moorland and Raptor Breeding Survey Boundaries

Figure 9.10: Golden Eagle Topography Model

Figure 10.1 (A to C): Surface Water Features

Figure 10.2 (A to C): Private Water Supplies

Figure 10.3: Hydrogeology

Figure 10.4 (A to C): High GWDTE Potential (based on NVC)

Figure 10.5 (A to C): Hydrological Assessment of GWDTE potential

Figure 11.1: Superficial Geology

Figure 11.2: Solid Geology

Figure 11.3 (A to G): Peat Depth

Figure 11.4: Carbon and Peat Classification

Figure 12.1: Non-designated Assets within 1km Study Area

Figure 12.2: Designated Assets within 5km and 10km Study Areas

Figure 12.3.1-12.3.3: Baseline Photograph, Cumulative Wireline, Wireline and Photomontage from Dail Langwell Scheduled Monument

Figure 13.1: Abnormal Indivisible Load (AIL) Route

Figure 13.2: Study Area and Traffic Count Locations

July 2021

Achany Extension Wind Farm

Volume 3 – Figures

Figure 14.1: Tourism Assets and Recreational Routes

Figure 15.1: Cumulative Noise Contour Plot

Figure 15.2: Cumulative Study Area

July 2021 4