



**Foel Fach Wind Farm Limited.**

# **Foel Fach Energy Wind Farm - Environmental Statement Volume III**

**Appendix 14.2: Intra-project Screening Assessment**

**Project Reference: 664094**

**DECEMBER 2025**



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**Table 1 Screening of the Interaction Between Common Sensitive Receptors and Residual Effects: Construction and Decommissioning Phases**

Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscap e and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	Taken forward to Stage 2?
Llandderfel Candidate Local Wildlife Site	x								N/a
Notable Habitats (marshy grassland, flush and spring and dry heath)	x								N/a
Surface Water (Changes to overland drainage and surface water flows)		x							N/a
Surface Water Groundwater (Contamination)		x							N/a
PWS sources GWDTE Designated sites with linkages to surface or		x							N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	
groundwater (Changes in water supply / contamination)									
Infrastructure and property downstream of Proposed Development (Flood Risk)		x							N/a
Soil		x							N/a
Peat Soil		x							N/a
Peat soils, Surface water, Groundwater, Proposed Development infrastructure, and Construction personnel (peat instability)		x							N/a
Groundwater		x							N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	Taken forward to Stage 2?
Linear Feature (HA001)			x						N/a
Currently unknown historic receptors within the Site			x						N/a
Landscape features - Upland moorland vegetation (upland grazing moorland with elevated peaks, unimproved and semi-improved acid grassland, dry acid heath, and acid neutral flush areas)				x					N/a
Landscape features - Small watercourses and tributaries				x					N/a
SNPVS091 - Foel Goch Uplands				x					N/a
CNWVS050 - Foel Goch				x					N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	Taken forward to Stage 2?
CNWVS049 - Moel Gwern-nannau				x					N/a
CNWVS048 - Maes-newyddion uplands				x					N/a
SNPVS135 - Cefn Caer-Euni				x					N/a
SNPVS137 - Parc y Derwgoed)				x					N/a
CNWVS006 - Ceirw and Medrad valleys				x					N/a
SNPVS094 - Bala Plain				x					N/a
SNPVS099 - Bala Lake (Llyn Tegid)				x					N/a
SNPVS092 – Bethel				x					N/a
SNPVS136 – Sarnau				x					N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	Taken forward to Stage 2?
SNPVS087 – Migneint				x					N/a
SNPVS089 - Afon Mynach valley				x					N/a
SNPVS090 - Afon Tryweryn				x					N/a
SNPVS095 - Rhyd-uchaf)				x					N/a
CNWVS044 – Cerrigydruddion				x					N/a
CNWVS077 - Garn Prys				x					N/a
CNWVS004 - Mwdwl Eithin				x					N/a
DNBGHVS070 - Maerdy Hills				x					N/a
DNBGHVS073 - Gwyddelwern Hills				x					N/a
DNBGHVS068 - Clocaenog Forest				x					N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	
DNBGHVS095 - Dee Valley-Corwen				x					N/a
SNPVS093 - Llandderfel and Dee Valley bottom				x					N/a
SNPVS097 – Cwm Pennant				x					N/a
SNPVS103 - Y Berwyn				x					N/a
SNPVS104 - Cwm Hirnant valley				x					N/a
SNPVS105 - Bwlch y Groes uplands				x					N/a
DNBGHVS100 - Berwyn Mountain				x					N/a
SNPVS125 - Arenig Fawr				x					N/a
SNPVS098 - Afon Llafar				x					N/a
SNPVS088 - Llyn Celyn				x					N/a



Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	
SNPVS124 - Water				x					N/a
VP1: Cefn ddwysarn (Visual Amenity)				x					N/a
VP2: A4212 (Visual Amenity)				x					N/a
VP3: Caer-gerreg (Visual Amenity)				x					N/a
VP4: Mwnwgl-y-llyn Bridge (Visual Amenity)				x					N/a
VP5: Llangower (Visual Amenity)				x					N/a
VP6: Footpath Bryn-yr-Hydd (Visual Amenity)				x					N/a
VP7: Carnedd y Filiast (Visual Amenity)				x					N/a
VP8: Cerrigydruddion (Visual Amenity)				x					N/a



Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	
VP9: B4391 South of Rhanneg (Visual Amenity)				x					N/a
VP10: Picnic Area west of Llyn Celyn Reservoir (Visual Amenity)				x					N/a
VP11: Footpath North of Bryn-y-gwrgi (Visual Amenity)				x					N/a
VP12: Arenig Fawr (Visual Amenity)				x					N/a
VP13: Footpath South of Hafodty Hafod Dre (Visual Amenity)				x					N/a
VP14: Green Lane, Corwen (Visual Amenity)				x					N/a
VP15: East of Cynwyd (Visual Amenity)				x					N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	
VP16: Castell Dinas Brân (Visual Amenity)				x					N/a
VP17: B4501 North of Cerrigydruddion (Visual Amenity)				x					N/a
VP18: B4501 South of Cerrigydruddion (Visual Amenity)				x					N/a
VP19: Moel y Garnedd (ENP) (Visual Amenity)				x					N/a
VP20: Moel Morfydd (CRDVNL) (Visual Amenity)				x					N/a
VP21: Moel y Plas (CRDVNL) (Visual Amenity)				x					N/a
Settlement of Frongoch				x					N/a
Settlement of Sarnau				x					N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	
Settlement of Cefn ddwysarn				x					N/a
Settlement of Llanfor				x					N/a
Settlement of Bala				x					N/a
Settlement of Bala town centre and southern areas				x					N/a
Settlement of Llanderfel				x					N/a
Settlement of Rhyd-Uchaf				x					N/a
Settlement of Cerrig ydrudion				x					N/a
Settlement of Llandrillo				x					N/a
Settlements within 10-20 km				x					N/a
Users of Hiraethog Trail (Closest Sections)				x					N/a



Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	Taken forward to Stage 2?
Users of Hiraethog Trail (More Distant Sections)				x					N/a
Cross Britain Way				x					N/a
Dee Valley Way				x					N/a
North Berwyn Way				x					N/a
Public Rights of Way within 5 km				x					N/a
Public Rights of Way between 5 km and 10 km				x					N/a
Public Rights of Way between 10 km and 20 km				x					N/a
Users of A494				x					N/a
Users of A5				x					N/a
Users of B4501				x		x			Y
Users of B4401				x					N/a
Users of B4391				x					N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	
Users of Minor Roads within 5 km (Northern Area) (including Local Cycling Routes)				x					N/a
Users of Minor Roads within 5 km (Eastern Area) (including Local Cycling Routes)				x					N/a
Users of Minor Roads within 5 km (Western Area) (including Local Cycling Routes)				x					N/a
Users of Minor Roads within 5 km (Southern Area) (including Local Cycling Routes)				x					N/a
Users of Various Minor Roads within 5-10 km of Site				x					N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	Taken forward to Stage 2?
(including Local Cycling Routes)									
Eryri National Park - LCA 15: Yr Arenig				x					N/a
Eryri National Park - LCA 16: Dyffryn Dyfi				x					N/a
Clwydian Range and Dee Valley National Landscape				x					N/a
Bala Hinterland SLA (host)				x					N/a
Afon Ceirw valley mosaic SLA				x					N/a
Mynydd Hiraethog upland mosaic SLA				x					N/a
Rhiwlas Registered Historic Park and Garden (Grade II)				x					N/a
Residential properties within 2 km				x					N/a



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Receptor/receptor group	Residual effect of 'slight/minor' or greater significance								
	Terrestrial Ecology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Traffic and Transport	Aviation	Climate	Taken forward to Stage 2?
Noise sensitive receptors (i.e. residential properties)					x				N/a
Users of PRoW / Path / Common Land within the Site						x			N/a
Low flying military aircraft							x		N/a
Global Atmosphere								x	N/a

**Table 2 Screening of the Interaction Between Common Sensitive Receptors and Residual Effects: Operation Phase**

Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	Taken forward to Stage 2?
Bats - Foraging / Commuting (Collision Risk)	x								N/a
Berwyn SPA (and component SSSI -		x							N/a



Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	Taken forward to Stage 2?
Red Kite (Collision Risk))									
Golden Plover (Collision Risk)		x							N/a
Kestrel (Collision Risk)		x							N/a
Surface Water (Contamination)			x						N/a
Cairn, Garnedd Fawr, Llandderfel (WAT HER PRN 3258)				x					N/a
Hut Circle, Llandderfel (WAT HER PRN 15611)				x					N/a
SNPVS091 - Foel Goch Uplands					x				N/a
CNWVS050 - Foel Goch					x				N/a
CNWVS049 - Moel Gwern-nannau					x				N/a



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Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	
CNWVS048 - Maes-newyddion uplands					x				N/a
SNPVS135 - Cefn Caer-Euni					x				N/a
SNPVS137 - Parc y Derwgoed)					x				N/a
CNWVS006 - Ceirw and Medrad valleys					x				N/a
SNPVS094 - Bala Plain					x				N/a
SNPVS099 - Bala Lake (Llyn Tegid)					x				N/a
SNPVS092 – Bethel					x				N/a
SNPVS136 – Sarnau					x				N/a
SNPVS087 – Migneint					x				N/a
SNPVS089 - Afon Mynach valley					x				N/a



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Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	
SNPVS090 - Afon Tryweryn					x				N/a
SNPVS095 - Rhed-uchaf)					x				N/a
CNWVS044 – Cerrigydruddion					x				N/a
CNWVS077 - Garn Prys					x				N/a
CNWVS004 - Mwdwl Eithin					x				N/a
DNBGHVS070 - Maerdy Hills					x				N/a
DNBGHVS073 - Gwyddelwern Hills					x				N/a
DNBGHVS068 - Clocaenog Forest					x				N/a
DNBGHVS095 - Dee Valley-Corwen					x				N/a
SNPVS093 - Llandderfel and Dee Valley bottom					x				N/a



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Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	
SNPVS097 – Cwm Pennant					x				N/a
SNPVS103 - Y Berwyn					x				N/a
SNPVS104 - Cwm Hirnant valley					x				N/a
SNPVS105 - Bwlch y Groes uplands					x				N/a
DNBGHVS100 - Berwyn Mountain					x				N/a
SNPVS125 - Arenig Fawr					x				N/a
SNPVS098 - Afon Llafar					x				N/a
SNPVS088 - Llyn Celyn					x				N/a
SNPVS124 - Water					x				N/a
VP1: Cefn ddwysarn (Visual Amenity)					x				N/a
VP2: A4212 (Visual Amenity)					x				N/a



Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	
VP3: Caer-gerreg (Visual Amenity)					x				N/a
VP4: Mwnwgl-y-llyn Bridge (Visual Amenity)					x				N/a
VP5: Llangower (Visual Amenity)					x				N/a
VP6: Footpath Bryn-yr-Hydd (Visual Amenity)					x				N/a
VP7: Carnedd y Filist (Visual Amenity)					x				N/a
VP8: Cerrigydruddion (Visual Amenity)					x				N/a
VP9: B4391 South of Rhanneg (Visual Amenity)					x				N/a
VP10: Picnic Area west of Llyn Celyn Reservoir (Visual Amenity)					x				N/a



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Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	
VP11: Footpath North of Bryn-y-gwrgi (Visual Amenity)					x				N/a
VP12: Arenig Fawr (Visual Amenity)					x				N/a
VP13: Footpath South of Hafodty Hafod Dre (Visual Amenity)					x				N/a
VP14: Green Lane, Corwen (Visual Amenity)					x				N/a
VP15: East of Cynwyd (Visual Amenity)					x				N/a
VP16: Castell Dinas Brân (Visual Amenity)					x				N/a
VP17: B4501 North of Cerrigydruddion (Visual Amenity)					x				N/a



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Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	
VP18: B4501 South of Cerrigydruddion (Visual Amenity)					x				N/a
VP19: Moel y Garnedd (ENP) (Visual Amenity)					x				N/a
VP20: Moel Morfydd (CRDVNL) (Visual Amenity)					x				N/a
VP21: Moel y Plas (CRDVNL) (Visual Amenity)					x				N/a
Settlement of Frongoch					x				N/a
Settlement of Sarnau					x				N/a
Settlement of Cefnndwysarn					x				N/a
Settlement of Llanfor					x				N/a
Settlement of Bala					x				N/a



Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	
Settlement of Bala town centre and southern areas					x				N/a
Settlement of Llanderfel					x				N/a
Settlement of Rhed-Y-Uchaf					x				N/a
Settlement of Cerrigydruddion					x				N/a
Settlement of Maerdy					x				N/a
Settlement of Llandrillo					x				N/a
Settlements within 10-20 km					x				N/a
Users of Hiraethog Trail (Closest Sections)					x				N/a
Users of Hiraethog Trail (More Distant Sections)					x				N/a



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Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	Taken forward to Stage 2?
Cross Britain Way					x				N/a
Dee Valley Way					x				N/a
North Berwyn Way					x				N/a
Public Rights of Way within 5 km					x				N/a
Public Rights of Way between 5 km and 10 km					x				N/a
Public Rights of Way between 10 km and 20 km					x				N/a
Users of A494					x				N/a
Users of A5					x				N/a
Users of B4501					x				N/a
Users of B4401					x				N/a
Users of B4391					x				N/a
Minor Roads within 5 km (Northern Area) (including					x				N/a



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Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	Taken forward to Stage 2?
Local Cycling Routes)									
Minor Roads within 5 km (Eastern Area) (including Local Cycling Routes)					x				N/a
Minor Roads within 5 km (Western Area) (including Local Cycling Routes)					x				N/a
Minor Roads within 5 km (Southern Area) (including Local Cycling Routes)					x				N/a
Various Minor Roads within 5-10 km of Site (including Local Cycling Routes)					x				N/a
Eryri National Park - LCA 15: Yr Arenig					x				N/a



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Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	
Eryri National Park - LCA 16: Dyffryn Dyfi					x				N/a
Clwydian Range and Dee Valley National Landscape					x				N/a
Bala Hinterland SLA (host)					x				N/a
Afon Ceirw valley mosaic SLA					x				N/a
Mynydd Hiraethog upland mosaic SLA					x				N/a
Rhiwlas Registered Historic Park and Garden (Grade II)					x				N/a
Noise sensitive receptors (i.e. residential properties)						x			N/a
Low flying military aircraft							x		N/a



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Receptor/receptor group	Residual effect of 'Slight/minor' or greater significance								Taken forward to Stage 2?
	Terrestrial Ecology	Ornithology	Land, Soils and Water	Cultural Heritage	Landscape and Visual	Noise and Vibration	Aviation	Climate	
NERL Great Dun Fell radar							x		N/a
NERL Great Dun Fell and St Anne's PSRs							x		N/a
Global Atmosphere								x	N/a