Inspector's Report
ACP-323906-25

Development	The construction of up to 16 no. wind turbines (Tirawley Wind Farm), including a 110kV sub-station on the site, an energy storage system in the form of a battery array located within container units, and an underground 110kV grid connection to Tawnaghmore 110 kV Substation.
Location	in the townlands of Ballymurphy, Ballynaleck, Barnhill Lower, Barnhill Upper, Barroe, Billoos, Carn, Carrickanass, Carrowmore, Castlelackan Demesne, Castletown and others. Co. Mayo
Prospective Applicant(s)	Constant Energy Limited.
Type of Application	Pre-Application Consultation under Section 37B of the Planning and Development Act 2000, as amended.
Planning Authority	Mayo County Council
Date of Site Inspection	12th January 2026
Inspector	Paul Kelly

1. Introduction

The Commission received a request dated 24th November 2025 from Jennings O'Donovan & Partners Limited, acting on behalf of Constant Energy Limited ("the prospective applicant") to enter into pre-application consultations under Section 37B of the Planning and Development Act, 2000, as amended, in relation to a proposed development consisting of up to 16 no. wind turbines (Tirawley Wind Farm), including a 110kV onsite sub-station, an energy storage system in the form of a battery array located within container units (BESS), and an underground 110kV grid connection to Tawnaghmore 110 kV Substation in the townlands of Ballymurphy, Ballynaleck, Barnhill Lower, Barnhill Upper, Barroe, Billoos, Carn, Carrickanass, Carrowmore, Castlelackan Demesne, Castletown and others, Co. Mayo.

A single consultation meeting was held between the Commission and the prospective applicant on 20th January 2026. A record of this meeting is on file. The prospective applicant sought closure of the pre-application consultation by correspondence dated 4th March 2026.

2. Site Location

The site is located in north County Mayo, approx. 2.4km east of Ballycastle and approx. 5.2km & 15km northwest of Killala and Ballina respectively. It is located in proximity to the coast in the area of Killala Bay and Downpatrick Head and is mainly accessed via local roads and the regional road R314.

The area is rural and sparsely populated, with limited sporadic one-off rural dwellings in the wider environs of the site.

3. Description of Proposal

At the time of the closure request the proposed development comprised the following:

- 16no. wind turbines with a combined output of 68.8MW,
- 1 no. permanent onsite (Gas Insulated) 110kV substation,

- An energy storage system in the form of a battery array located within container units (BESS),
- 2 no. temporary construction compounds and a permanent Operations Building,
- 1 no, spoil deposition area/habitat enhancement area, 1 no. on-site office,
- Erection of 1 no. meteorological mast with a height of 80m and a 4m lightning pole on top,
- An underground cable and (tail-fed) grid connection (110kV) to the existing Tawnaghmore 110kV substation at Killala Business Park.

The prospective applicant confirmed that design flexibility was not being sought and that the proposed turbines were Vestas V117 (4.3 MW) with an overall blade tip height of 135m, a hub height of 76.5m and a 117m rotor diameter.

4. Planning History

The Commission may wish to note the following recent planning history concerning both the prospective applicant and the proposed application site:

ABP-315864-23 refers to a previous pre-application consultation by the prospective applicant Constant Energy Limited in respect of the proposed construction of up to 31 no. wind turbines (Tirawley Wind Farm), a permanent 110kV substation and grid connection to the existing 110kV substation at Tawnaghmore, Co. Mayo. The (then) Board determined that the proposed development is a Strategic Infrastructure Development (SID) on 18th December 2023.

ABP-320703-24 refers to a previous pre-application consultation by the prospective applicant Constant Energy Limited in respect of the proposed construction of up to 19 no. wind turbines (Tirawley Wind Farm), a permanent 110kV substation and grid connection to the existing 110kV substation at Tawnaghmore, Co. Mayo. The (then) Board determined that the proposed development is a Strategic Infrastructure Development (SID) on 3rd December 2024.

ACP-323778-25 refers to a previous S.37E (RED III) application by the prospective applicant Constant Energy Limited for the construction of Tirawley Wind Farm consisting of 16 no. wind turbines, a permanent 110kV substation, 110kV

underground cable and grid connection and ancillary development. This application was deemed to be incomplete on 11th November 2025 for the three reasons set out in the Commissions correspondence of the same date, namely that: (1) the EIAR refers to 18 no. turbines contradicting the public notices which refer to 16 no. turbines, (2) the EIAR includes design flexibility in relation to the grid connection which was neither sought nor provided, and (3) a BESS was proposed which was not included in the pre-application consultation and the HSA was not included as a prescribed body.

I am not aware of any other relevant planning history relating to the proposed application site. The Commission may wish to note the following wind energy cases in the wider area of the proposed development site:

County Mayo:

- **ABP-318701** (Glenora Wind Farm) refers to an application for a wind energy development consisting of 22 no. turbines and all associated infrastructure approx. 8km to the west of the site. This is an active case and the decision remains pending at the time of writing.
- **ABP- 500344** refers to an appeal in relation to an application for the construction of up to 8 wind turbines and all associated works approx. 5km west of the site. This is also an active case and a decision remains pending at the time of writing.
- The Oweninny Windfarm is located approx. 13.5km to the south of the site (**ABP-316178-23** and **ABP PA0029** refers).
- The Sheskin Windfarm is located approx. 20km to the west-south-west of the site (**ABP-315933-23** and separate PA Ref. 15/825 refer).

County Mayo/Sligo:

- **ACP-317560-23** – Permission for a windfarm of 13 no. turbines, 110kV substation, underground grid connection and a hydrogen plant with underground interconnector. This development straddles the County Mayo

and County Sligo administrative areas approx. 17km southeast of the subject site. Permission was granted on 19/11/2024.

5. Precedent Decisions

The following table outlines a sample of other SID pre-application determinations for wind farm developments of similar scales decided by the Commission:

ACP Ref:	Location	Development Summary	ACP Decision
322258	Roscommon	14 turbines, Output of 62.7MW	Is SID
321507	Galway	11 turbines. Output of 62 to 73MW.	Is SID
320745	Limerick	17 turbines. Output of 75MW to 95MW	Is SID
320703	Mayo	19 turbines. Output of 70.05MW	Is SID
319601	Waterford	15 turbines. Output of 85.5MW to 108MW	Is SID
319219	Kerry	17 turbines. Output of 114MW to 136.8MW	Is SID
319215	Clare	9 turbines. Output of 51.3MW to 64.8MW	Is SID
319139	Limerick	9 turbines. Output of 54MW	Is SID
318203	Offaly	9 turbines. Output of 54.4MW	Is SID

6. Pre-Application Consultation Meetings Held

A single pre-application consultation meeting was held between the Commission and the prospective applicant on 20th January 2026. Full details of the meeting and matters discussed are contained in the Commissions record of the meeting.

The principal matters arising related to:

- RED III requirements
- Confirmation single application proposed to include windfarm, grid connection and battery energy storage system (BESS)
- Clarification of grid connection proposals and Design Flexibility Position
- EIAR to assess one turbine type, electrical infrastructure and BESS
- Policy Context
- Cultural Heritage
- Landscape and visual
- Biodiversity & Ornithology
- The relationship of the proposed development site with National and European Sites
- Hydrology & Hydrogeology
- Water Framework Directive
- Peat stability
- Traffic and Transport
- Shadow Flicker
- Noise
- Fire risk & safety
- Cumulative Impacts
- Consultations and community engagement

7. Legislation

7.1 Planning and Development Act 2000, as amended

Section 2(1) of the Planning and Development Act 2000, as amended ('the Act'), defines 'strategic infrastructure' as including, inter alia:

(a) any proposed development in respect of which a notice has been served under section 37B(4)(a),

Section 37A of the Act states that:

(1) An application for permission for any development specified in the Seventh Schedule (inserted by the Planning and Development (Strategic Infrastructure) Act 2006) shall, if the following condition is satisfied, be made to the Commission under section 37E and not to a planning authority.

(2) That condition is that, following consultations under section 37B, the Commission serves on the prospective applicant a notice in writing under that section stating that, in the opinion of the Commission, the proposed development would, if carried out, fall within one or more of the following paragraphs, namely—

(a) the development would be of strategic economic or social importance to the State or the region in which it would be situate,

(b) the development would contribute substantially to the fulfilment of any of the objectives in the National Planning Framework or in any regional spatial and economic strategy in force in respect of the area or areas in which it would be situate

(c) the development would have a significant effect on the area of more than one planning authority.

The current SID thresholds are set out within the 7th Schedule of the Planning and Development Act 2000, as amended. The relevant threshold for the proposed project is Class 1 –

'*an installation for the harnessing of wind power for energy production (a wind farm) with more than 25 turbines or having a total output greater than 50 megawatts*'.

7.2 Environmental Impact Assessment

Section 37E(1) of the Planning and Development Act, 2000, as amended requires that an application for permission for development in respect of which a notice has been served under section 37B(4)(a) shall be made to the Commission and shall be

accompanied by an environmental impact assessment report in respect of the proposed development. Therefore, the submission of an EIAR is mandatory.

7.3 Appropriate Assessment

The nearest Natura 2000 site is Killala Bay/Moy Estuary Special Protection Area (SPA) (Site Code: 004036) c. 1.2km east of the site (Turbine T15 & T16). Lackan Saltmarsh and Kilcummin Head Special Area of Conservation (SAC) (Site Code: 000516) is also located c. 1.2km east of the site (also T15 & T16). Killala Bay/Moy Estuary Special Area of Conservation (SAC) (Site Code: 000458) is located c. 5km east of the site (Turbine T2, T3 & T4).

The applicant intends to submit a Natura Impact Assessment (NIS).

8. Assessment

8.1 Seventh Schedule Development

The proposed development will comprise of 16 no. wind turbines with a total rated power output of 68.8 MW.

The current SID thresholds are set out within the 7th Schedule of the Planning and Development Act 2000, as amended. The relevant threshold for the proposed project is:

(Energy Infrastructure)

Class 1: "*an installation for the harnessing of wind power for energy production (a wind farm) with more than 25 turbines or having a total output greater than 50 megawatts*".

Having regard to the total rated power output (68.8 MW) of the proposed development, I am satisfied that the development accords with Section 37A(1) of the Act.

8.2 Section 37A(2) Criteria

In addition to meeting the relevant SID threshold under Section 37A(1) of the Act, under Section 37A(2), the proposed development must fall within one or more of the following conditions:

***(a)* the development would be of strategic economic or social importance to the State or the region in which it would be situate**

The prospective applicant submits that the proposed development will be of significant strategic economic and social importance to the region and the State and therefore satisfies condition No.37A(2)(a) of the Act. This is based on the significant employment and economic activity generated at construction stage, and the significant contribution which will be made to meeting Ireland's renewable energy targets at operational stage.

Irelands obligations under EU and international treaties, including the Paris Agreement (2015) and the European Green Deal, are framed in the national climate objective under the Climate Action and Low Carbon Development Act, 2015, as amended. This national climate objective commits Ireland to becoming a climate resilient, carbon neutral economy by 2050, reducing emissions by 51% by the end of the decade (2030). To achieve this objective, Climate Action Plan 2024 (CAP 24) provides that a 75% reduction in emissions in the electricity sector is required by 2030 (based on 2018 levels) and that central to achieving this is the strategic increase in the share of renewable energy to 80% by 2030, including ambitious targets of deploying 9GW of onshore wind. Published on 15th April 2025, Climate Action Plan 2025 (CAP25) reaffirms these renewable energy generation targets.

In national policy terms Project Ireland 2040 is the Government's long-term overarching strategy to make Ireland a better country for all and to build a more resilient and sustainable future. Part of Project Ireland 2040, the National Planning Framework (NPF) sets out to deliver a spatial strategy through National Strategic Outcomes ("NSO's"), including: "*transition to a low carbon and climate resilient society*". The first revision of the NPF (April, 2025) introduces regional renewable electricity capacity allocations to be achieved by 2030, which for the Northern and Western Regional Area, is an additional 1,389MW for onshore wind or 35% of the

National share. This is the minimum required for onshore wind generation to meet the 2030 emissions reduction target in the electricity sector.

I am satisfied that the proposed development, through an additional 68.8 MW of renewable electricity generation, will contribute to the transition to a low carbon, climate resilient and environmentally sustainable economy in line with national climate change obligations, objectives and targets. I further consider that the proposed development would involve significant capital investment in the region and will create employment opportunities relating to the construction, operation and decommissioning of the development, which together with commercial rates, development contributions, community gain and infrastructure improvements will result in a significant impact on the economic profile of the area and investment in the region.

Having regard to the national and regional policy context and the details of the subject proposal outlined above, I am satisfied that the development **would** be of strategic economic importance to the State and the Region and **would**, therefore, comply with the condition set out in section 37A(2)(a) of the Act.

(b) the development would contribute substantially to the fulfilment of any of the objectives in the National Planning Framework or in any regional spatial and economic strategy in force in respect of the area or areas in which it would be situate,

The prospective applicant submits that the proposed development will meet the climate change objectives of Project Ireland 2040 and the NPF and will contribute significantly to the renewable energy targets and strategy supported in the Regional Spatial Economic Strategy (RSES) for the north-western region.

As stated in the preceding section, Project Ireland 2040, which includes the NPF, is the Government's long-term overarching strategy to build a more resilient and sustainable future. Having reviewed the recently revised NPF (First Revision, April 2025) I note the following relevant National Policy Objectives (NPOs):

- "*Reduce our carbon footprint by integrating climate action into the planning system in support of national targets for climate policy mitigation and adaptation objectives, as well as targets for greenhouse gas emissions*

reductions as expressed in the most recently adopted carbon budgets" - **NPO69**

- "*Promote renewable energy use and generation at appropriate locations within the built and natural environment to meet national objectives towards achieving a climate neutral economy by 2050*" - **NPO70**
- "*Each Regional Assembly must plan, through their RSES, for the delivery of the regional renewable electricity capacity allocations indicated for onshore wind and solar reflection in Table 9.1, and identify allocations for each of the local authorities, based on the best available scientific evidence and in accordance with legislative requirements, in order to meet the overall national target*" – **NPO74**

** Table 9.1 (NPO 74) sets a regional renewable electricity capacity allocation of 1,389MW for onshore wind for the northern and western region by 2030.*

The current Regional Spatial and Economic Strategy for the Northern and Western Region (2020-2032) recognises the national objective to achieve transition to a competitive, low carbon, climate resilient and environmentally sustainable economy by 2050. The commitment to a reduction of greenhouse gases and power generation from sustainably produced electricity are also acknowledged. The RSES sets out five growth ambitions which includes focussing on the aggressive pursuit of a low carbon approach to enhance regional differentiation and the provision and maintenance of energy infrastructure to deliver compact growth and a connected, vibrant, inclusive, resilient and smart region. It includes a set of Regional Policy Objectives (RPOs) of which the following are note:

- "*to encourage the development of the transmission and distribution grids to facilitate the development of renewable energy projects and the effective utilisation of the energy generated from renewable resources having regard to the future potential of the region over the lifetime of the strategy and beyond*" – **RPO 4.17**
- "*to support the development of secure, reliable and safe supplies of renewable energy, to maximise their value, maintain inward investment, support indigenous industry and create jobs*" – **RPO 4.18**

In this regard I consider that the proposed development to generate 68.8 MW of renewable energy by using wind as a resource would assist in reducing greenhouse gas emissions and would contribute significantly towards the achievement of a low carbon economy.

Having regard to the above, I am satisfied that the development **would** meet relevant national policy objectives of the NPF and **would** serve to fulfil the relevant regional policy objectives of the RSES for the Northern and Western Regional Assembly. The development would, therefore, satisfy the requirement set out in section 37A(2)(b) of the Act.

(c) the development would have a significant effect on the area of more than one planning authority.

The proposed development site and grid connection is located entirely within the Mayo County Council administrative area. However, the windfarm site is located approx. 10 km (west), and the grid connection site approx. 5km (west) of the administrative area of Sligo County Council. The windfarm site and particularly Turbines T9 – T16 (inc) occupy an elevated location on the Atlantic coastline within Co. Mayo which is visible from the Atlantic coastline within Co. Sligo (in the area of Enniscrone). At this location, the landscape in Co. Sligo is designated as being '*sensitive*' and '*visually vulnerable*' in the Sligo County Development Plan 2024-2030 (SCDP) (Landscape Characterisation Map) with designated scenic routes having views in the coastal direction. Limited information was presented at the pre-application consultation meeting on the applicants ZTV studies and LVIA, however I consider it highly likely that sensitive, visually vulnerable landscapes and scenic roads within Co. Sligo will have significant visibility of the proposed windfarm development in a coastal landscape context. In this regard I note the landscape character protection policies of the SCDP, Vol.3, Chapter 23 including P-LCP-1, P-LCP-2, P-LCP-3 and particularly P-LCP-5 which seeks to '*protect the County's Sensitive Rural Landscapes from the visual intrusion of large-scale energy and telecommunications infrastructure*'.

Having regard to the above, I am satisfied that the Commission could reasonably come to the conclusion that the proposed development **would** have a significant

effect on the area of more than one planning authority. Accordingly, I am of the opinion that the proposal **would** come within the scope of this requirement to be considered as complying with section 37A(2)(c) of the Act.

8.3 Prescribed Bodies

In view of the scale, nature, and location of the proposed development, as described in this report, it is recommended that the prospective applicant should consult with the prescribed bodies listed in the attached Appendix 1 in respect of any future application for approval.

8.4 Schedule of Information to Inform the Completeness Check

Attached as Appendix 2 is a Schedule of Information which is being provided to inform the completeness check which is required by Section 37JA of the Planning and Development Act, 2000, as amended. It is based on the discussion at the pre-application consultation meeting held. The applicant chose to close the consultations after a single meeting. Consequently, there was no opportunity to discuss other relevant considerations including those related to ZTV, LVIA, architectural heritage, relationship of nearest sensitive receptors to each turbine (table format), and layout plan detailing internal site distances between turbine tip height (in respect of wake effect). These other relevant considerations are therefore also included in the Schedule of Information.

9. Recommendation

Based on the foregoing assessment, it can be concluded that the proposed development **would** exceed the threshold set out in the Seventh Schedule of the Planning and Development Act 2000, as amended, and therefore satisfies Section 37A(1) of the Act. It can also be concluded that the development **is** of strategic importance by reference to the requirements of Section 37A(2)(a), Section 37A(2)(b) and 37A(2)(c) of the Act.

I recommend that the Commission serve a notice on the prospective applicant, pursuant to Section 37(B)(4) of the Planning and Development Act 2000, as

amended, stating that it is of the opinion that the proposed development which comprises the following:

- 16no. wind turbines with a combined output of 68.8MW,
- 1 no. permanent onsite (Gas Insulated) 110kV substation,
- An energy storage system in the form of a battery array located within container units (BESS),
- 2 no. temporary construction compounds and a permanent Operations Building,
- 1 no, spoil deposition area/habitat enhancement area, 1 no. on-site office,
- Erection of 1 no. meteorological mast with a height of 80m and a 4m lightning pole on top,
- An underground cable and (tail-fed) grid connection (110kV) to the existing Tawnaghmore 110kV substation at Killala Business Park.

Would constitute a strategic infrastructure development within the meaning of Section 37A of the Act for the reasons and considerations set out below.

REASONS AND CONSIDERATIONS

Having regard to the size, scale and location of the proposed windfarm and related development, and to the policy context, it is considered that the proposed development comprising the development of a 16-no. turbine windfarm with an overall total rated power output of 68.8 MW, BESS, grid connection and associated infrastructure on a site at Ballymurphy, Ballynaleck, Barnhill Lower, Barnhill Upper, Barroe, Billoos, Carn, Carrickanass, Carrowmore, Castlelackan Demesne, Castletown and others, Co. Mayo constitutes development that falls within the definition of energy infrastructure in the Seventh Schedule of the Planning and Development Act 2000, as amended, thereby satisfying the requirements set out in Section 37A(1) of the Act.

The proposed development is also considered to be of strategic importance by reference to the requirements of Section 37A(2)(a), 37A(2)(b) and 37A(2)(c) of the Planning and Development Act 2000, as amended.

An application for permission for the proposed development must therefore be made directly to An Coimisiun Pleanála under Section 37E of the Act.

I confirm that this report represents my professional planning assessment, judgement and opinion on the matter assigned to me and that no person has influenced or sought to influence me, directly or indirectly, following my professional assessment and recommendation set out in my report in an improper or inappropriate way.

Paul Kelly

Senior Planning Inspector

Date: 11/03/2026

Appendix 1 – Prescribed bodies

- Department of Housing and Local Government and Heritage
- Department of Climate, Energy and the Environment
- Department of Tourism, Culture, Arts, Gaeltacht, Sports and Media
- Department of Agriculture, Food & Marine
- Mayo County Council
- Sligo County Council
- Northern and Western Regional Assembly
- Transport Infrastructure Ireland
- An Chomhairle Ealaion (Arts Council)
- The Heritage Council
- Failte Ireland
- An Taisce
- Irish Water
- Inland Fisheries
- Irish Aviation Authority
- Air Nav Ireland
- Ireland West Airport (Connaught Airport Development Company (CADCO) Ltd.)
- EPA
- HSE
- Health and Safety Authority

- The Commission for Regulation of Utilities
- ESB
- EirGrid

Further notifications should also be made, where deemed appropriate.

Appendix 2:

Schedule of Information to Inform Completeness Check

This Schedule of Information seeks to provide details which will facilitate An Coimisiún Pleanála in undertaking the Completeness Check required by Section 37JA of the Planning and Development Act 2000, as amended in order to process the application. It shall not be construed as comprising an assessment of the application documentation or a consideration of the merits of the proposed development.

Details of Proposed Development at Closure

Pre-Application Ref.	ACP-323906-25
Prospective Applicant:	Constant Energy Limited
Date of Final Meeting:	20th January 2026
Number of Turbines:	16 no.
Design Flexibility opinion:	No.
Is Grid Connection Included:	Yes.
Is a BESS included:	Yes.
Accommodating works for TDR:	Yes.

Information

Plans and Particulars	
Public Notice	• Time Period for Consultation and Fee for Submissions • Standalone Website Address • EIAR and NIS referenced • Reference to Section 37JA

	• All townlands within the site boundary to be correctly referenced.
Prescribed Bodies	• Notification of All Prescribed Bodies and a copy of the correspondence sent to same.
Land Ownership	• Interest in land • Written consent of all other landowners (*Inc. legally binding agreement & land registry map if required)*
Design Flexibility	Design flexibility not sought.
Fee	
EIA Portal	Letter from Portal
Planning Statement	• Renewable Energy Designation Policy Statement • Statement outlining compliance with all relevant policies and objectives in the County Development Plan including a justification for material contravention of same if relevant. • Consultation overview • Community Benefit Fund • Planning history • Planning status of existing (disused) quarry within the proposed development site
Drawings	• Drawing Schedule • Site location map • Site layout plan • Site Layout plan detailing the internal site separation distances between individual turbine rotor diameters in the crosswind and prevailing downwind direction and from adjoining site boundaries • Plans, elevations, sections and cross-sections • Wayleaves shown • Grid Connection Route • Scales appropriate
EIAR	
No design Flex	One turbine type (Vesta V117 *with a tip height of 135m, a rotor diameter of 117m, and a hub height of 76.5m with an individual turbine output of 4.3 MW*), BESS and grid connection to be assessed.
Non-Technical Summary	Provided as a standalone section.

Introduction	• Legislative context • Scoping Consultation • Community Engagement Report addressing best practice requirements of REP 4, Chapter 11 of Mayo CDP. • Methodology/methodologies for the assessment of the environmental factors and for the description and consideration of the significance of effects • Study Area(s) and justification for same. • Project Team (Author qualifications, experience and expertise) • Technical Difficulties/Limitations
Description of the Proposed Development	• Detailed description (all stages) of the characteristics of the proposed development including use of natural resources, production of waste, emissions & disturbances • Table and map identifying the nearest sensitive/residential receptor and separation distances to each turbine (*Format, references and information to be correlated with noise and shadow flicker analysis*). • Construction Environmental Management Plan • Decommissioning Plan • Waste & Resource Management Plan
Consideration of Alternatives	• Site selection & design process • Reasonable alternatives considered (Layout, scale, technologies, grid connection, turbine delivery, substation infrastructure, construction methodology etc)
Population and Human Health	• Population & Settlement Patterns • Economic Activity & Employment • Tourism & Amenities (Inc. recreational trails/waterways) • Human Health & Wellbeing (Reference Studies) • Property Devaluation/House Prices
Biodiversity	• Derogations (Required/Obtained) • Ecological Impact Assessment • Biodiversity Enhancement Areas

	• Bat Surveys (to include) a min. of 30 days in each season, in a variety of weather conditions with detectors at different height levels. • Invasive Species Management Plan • Terrestrial Surveys (*Habitat & ecology (inc protected flora, invasive plant species, mammals, amphibians and reptiles*) • Aquatic Surveys (*Habitat & ecology (inc river habitat, macroinvertebrate, electro-fishing, fisheries)*) • Justification for surveys (if not up to date as per best practice)
Ornithology	• Surveys (*Vantage Point, Breeding & non-breeding, hinterland, Dusk, Walkover, Roost & Winter surveys*) • Justification for surveys (if not up to date as per best practice) • Connectivity with European Sites • Up to date Collision Risk Model (CRM) Assessment (NatureScot 2024) • Monitoring Programme • Cumulative Assessment
Noise and Vibration	• Baseline Noise Levels • Map of all receptors within 4 x Tip of Turbines with distance measurements • Predicted Noise Levels • Proposed Noise Limits (cumulative) • Operational Noise Monitoring Proposal • Curtailment Strategy for exceedances • Mitigation Strategy for Operational Amplitude Modulation and Tonal Noises • Cumulative Noise Assessment
Shadow Flicker	• Shadow Flicker Analysis • Map of all receptors within 10 x rotor diameter of turbines with distance measurements • Wind Turbine Control Measures
Air and Climate	• Carbon Impact Assessment including Embodied Energy Assessment and Climate Change Vulnerability Assessment • Dust Generation/Emissions and Management • Vehicle Emissions and Management

Land, Soils & Geology	• Ground Condition Assessment (inc):
	  ○ Ground Investigations Report
	  ○ Site Investigations Report
	  ○ On site precipitation monitoring and use of climate data
	  ○ Ground and surface water monitoring with control site
	  ○ Slope Stability Analysis (*Justification of model employed*).
	• Peat/Spoil Management Plan

Hydrology, Hydrogeology & Water Quality	• Hydrological Assessment • Hydrogeological Assessment • Flood Risk Assessment, high rainfall event planning • Surface water/Drainage Management Plan and methodologies • Standalone Water Framework Directive Compliance Report • Emergency Response Plan • Water Quality Management Plan • Drinking Water Source (UE and GWSS) Assessment
Landscape & Visual	• Photomontages • ZTV Analysis (20km radius from development site) • Landscape Character Assessment • Viewpoint Assessment • To include designated scenic roads and sensitive/vulnerable coastal landscapes within both Co. Mayo and Co. Sligo • To include setting and integrity of the freestanding obelisk-topped Folly known locally as ‘Lacken Gazebo’
Traffic & Transportation	• Turbine Delivery Route & Swept Path Analysis • Haul Route & Swept Path Analysis • Traffic and Transport Assessment • Traffic Management Plan (including Construction traffic) • Stage 1 Road Safety Audit • Design Report (TII requirements)

Material Assets	• Gas/ESB networks • Telecommunications Impact Study • Aviation Review Statement • Any other relevant material assets identified in consultation process
Cultural Heritage	• Heritage Impact Assessment • Specific consideration of the architectural heritage of the freestanding obelisk-topped Folly known locally as 'Lacken Gazebo' • Specific consideration of Palmerstown Bridge (Protected Structure) with detailed works methodology, structural and architectural heritage appraisal. • Archaeological Impact Assessment including appropriate level of field work (*test trenches & geophysical survey recommended*)
Major Accidents and Disasters	• Construction Stage • Operational Stage • Impact of Climate Change • Fire Risk and Safety Assessment of the proposed Battery Energy Storage System (BESS), prepared by a competent expert in fire safety. • Emergency Response Plan for the proposed Battery Energy Storage System (BESS)
Cumulative Assessment	• Projects considered should be clearly identified and the location of the cumulative assessment clearly labelled within each Chapter as relevant. • Existing and permitted development in the vicinity of Killala Industrial Park as it relates to the proposed GCR and connection to Tawnaghmore 110kV substation to be considered.
Interactions of the Foregoing	Description of interactions between factors.
Compendium of Mitigation Measures	Intent expressed for the implementation of mitigation measures to be clearly set out as – 'shall'. Commitments need to be expressed clearly and be specific.

Appendices	All appendices and sub appendices to be submitted in hard and soft copy. To include: • Glossary of Terms • Noise Survey Results & Calibration Certificates • Material Volume Calculations • Statement of Competency • Other relevant documents
AA Screening report	• Author qualifications, experience and expertise • Methodology • Zone of Influence (ZOI) and identification of relevant European Sites to be based on a Source-Pathway-Receptor Model using the precautionary principle • Must include consideration of: Killala Bay/Moy Estuary Special Protection Area (SPA) (Site Code: 004036), Lackan Saltmarsh and Kilcummin Head Special Area of Conservation (SAC) (Site Code: 000516) and Killala Bay/Moy Estuary Special Area of Conservation (SAC) (Site Code: 000458)
NIS	• Author qualifications, experience and expertise • Methodology • Up to date Collision Risk Modelling (CRM) – NatureScot 2024 • Biodiversity & Ornithology Surveys for QI & SCI species and habitats in accordance with Best Practice • Consideration of relevant Land, soils & geology reports/assessments* • Consideration of relevant Hydrological, hydrogeological & water reports/assessments* • Compendium of Mitigation Measures (*Intent expressed for implementation of mitigation measures – 'shall')* * *As stipulated above for EIAR.*
Appendices	All appendices and sub appendices to be submitted in hard and soft copy.
Other Documents (To include):	

Civil Engineering Report	• Site Entrances • Access Tracks • Wind turbines • Cable routes & connections • Substation (Compound & Buildings) • BESS • Meteorological Mast • Temporary construction compounds • Deposition Areas • Haul Route • Turbine Delivery Route • Surface Water Design • Wastewater • Potable Water • Decommissioning & Restoration