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Carrowmore- Lacken
Ballina
Co. Mayo
F26X9W0

6 June 2026

An Coimisiún Pleanála
64 Marlborough Street
Dublin 1
D01 V902

Objection Submission to An Coimisiún Pleanála

Re: Planning permission for the construction of Tirawley Windfarm consisting of 16 no. wind turbines, a permanent 110kV substation, 110kV underground cable and grid connection, and ancillary development in the townlands of Ballymurphy, Ballynaleck, Barnhill Lower & Upper, Barroe, Billoos, Carn, Carrickanass, Carrowmore, Castlелacken Demesne, and other townlands in County Mayo.

Case Number: PAX16.324258

Dear Sir/Madam,

We are the owners and occupiers of the dwelling identified as **H152** and **H146** (Table 11.16) within the Environmental Impact Assessment Report (EIAR) for the proposed Tirawley Wind Farm development.

My home is located approximately:

- 1.40 km from Turbine AT01
- 1.33 km from Turbine AT07
- 1.50 km from Turbine AT08
- 1.44 km from the proposed Battery Energy Storage System (BESS)

While our dwelling may not be one of the closest receptors identified within the application documents, it is nevertheless surrounded by multiple elements of the proposed development.

The assessment of impacts on my property should therefore consider the cumulative effect of the development rather than examining each component in isolation.

Operational Noise

We note that our dwelling has been included within the operational noise assessment undertaken by the applicant. This alone acknowledges that operational turbine noise has the potential to affect our home.

We are concerned that the assessment relies heavily on computer-generated modelling and predicted compliance with numerical noise limits. Such modelling cannot fully reflect the long-term lived experience of residents in a quiet rural environment where background noise levels are naturally low and where changes to the acoustic environment are likely to be particularly noticeable.

I request that An Coimisiún Pleanála consider:

- The cumulative noise contribution from multiple turbines operating simultaneously around our property.
- Night-time impacts when ambient noise levels are lowest and turbine noise may become more noticeable.
- The potential for amplitude modulation, often described as a rhythmic swishing or thumping sound, which can cause annoyance even where average noise limits are met.
- Variations in noise propagation arising from changing wind speeds, wind directions and atmospheric conditions.
- The cumulative contribution of noise from the proposed BESS facility, associated electrical infrastructure and transformers.
- The overall change from the existing rural soundscape currently enjoyed by residents in the area.

Compliance with a numerical noise limit does not automatically equate to protection of residential amenity. The planning authority must also consider the qualitative impact of introducing a large-scale industrial energy development into a previously quiet rural landscape.

Shadow Flicker

We request clarification regarding the assessment of shadow flicker at **H152** and confirmation of whether the dwelling was included or excluded from detailed modelling.

Where turbine management systems and shutdown protocols are proposed to prevent shadow flicker impacts, these measures should be available to protect all potentially affected dwellings, including H152, and not solely those selected for detailed assessment.

The Draft Revised Wind Energy Development Guidelines (2019) support the use of modern turbine technology to eliminate shadow flicker impacts at residential properties. In circumstances where any risk of shadow flicker exists, a zero-shadow-flicker approach should be adopted.

Cumulative Residential Amenity Impact

Our principal concern relates to the cumulative impact of the proposed development on the enjoyment of our home and property.

From H152, residents will be exposed to the combined influence of:

- Multiple wind turbines located between approximately 1.33 km and 1.50 km from the dwelling.
- The proposed BESS facility located approximately 1.44 km away.
- Continuous turbine blade movement throughout daylight hours.
- The visual dominance of large industrial structures within the surrounding landscape.
- Potential operational and maintenance traffic associated with the development.
- Aviation obstacle lighting during hours of darkness.
- The cumulative industrialisation of what is presently a rural and scenic area.

While each impact category is assessed separately within the EIAR, the reality for residents is that these impacts will be experienced simultaneously. The overall effect on residential amenity is therefore greater than the sum of the individual assessments.

The proposed development represents a permanent alteration to the character of the area for the operational lifetime of the project. Residents such as our family will experience the visual, environmental and amenity impacts of the development daily for decades.

I respectfully submit that the assessment of residential amenity should not be limited to demonstrating compliance with individual technical standards. Rather, consideration should be given to whether the cumulative effect of multiple turbines, associated infrastructure and the BESS facility is compatible with the reasonable expectations of those who live permanently in this rural community.

We care for our family member who has resided here all her life with Special Needs. She is totally dependant on my family for her care. Any interference with her daily routine causes unnecessary upset and behavioural changes. It is our intention that she can live happily here for the rest of her life. However, we fear this may not be the case should her lifestyle be changed due to this invasion of her peace.

Increased Traffic and Road Damage During Construction

We are concerned in relation to the volume of traffic that will be created during construction of the Wind Farm. My sister is bussed daily to a day centre and during her pick up and drop off all traffic comes to a standstill as the road is too narrow to allow another vehicle to pass. This is a huge Health & Safety concern for her safety and for the bus driver and ourselves while her wheelchair is loaded on to the bus.

Insufficient Community Consultation and Information

We have not had any contact whatsoever, either in the local community or to my home, from Constant Energy Limited in relation to their planning application.

Property Devaluation

As the owners of a derelict building identified as **H146**, we had planned to renovate as a dwelling. Due to the concern that proximity to turbines will reduce local property values we will have to postpone this as it would be foolish to invest in any property development. There is also the devaluation of our main residence which may have been a valuable inheritance for our family.

For these reasons, we request that An Coimisiún Pleanála give significant weight to the cumulative residential amenity impacts on **H152** when determining this application.

Based on all the above we believe that it is incumbent on the board to refuse this application based on the concerns as outlined.

Yours sincerely

Ann Maria & Harry Thompson

Table 11.16: Predicted Noise Levels as LA90 at Varying Wind Speeds from the Proposed Development

H146	516958	834700	26	30.1	33.9	36.2	36.5	36.5
H147	517873	838787	23.8	27.9	31.7	34	34.3	34.3
H148	518250	837922	23.9	28	31.8	34.1	34.4	34.4
H149	513062	834658	24.1	28.2	32	34.3	34.6	34.6
H150	516818	833276	24.3	28.4	32.2	34.5	34.8	34.8
H151	518279	837790	23.9	28	31.8	34.1	34.4	34.4
H152	516958	834683	25.9	30	33.8	36.1	36.4	36.4