

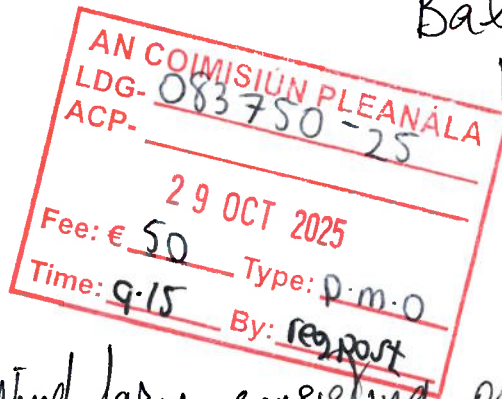
I

Elizabeth Casey Chrysostomou
Ballinagoul,
Kilmallock,

Co. Limerick V35F86

22/10/25.

Ref re H89.



An Coimisiún Pleanála.

Case Reference NO 323635

Development description: Wind farm consisting of a turbines, sub station and all associated infrastructure in the town land of GARRANE, CREGGAN & BALLINAGOULD, Co. Limerick

I have lived in Ballinagoul for almost 40 years and these are the reasons for my objection.

✓ Residential Amenity.

The proposed site entrance, site entrance NO 2, is exactly beside my entrance gate ^{ref re H89} the substation and turbines are excessively close to my home and will be visually overbearing, dominating the rural countryside. Constant turbine noise and low frequency sound will have a serious impact on daily living and sleep. Shadow flicker from blades will intrude into nearby houses, creating unacceptable disturbance.

2 Landscape and Scenic Character.

The sheer scale and height of the turbines will make them visible for kilometres, seriously diminishing the area's natural beauty. This is a rural,

unspoilt area of Co. Limerick with significant scenic and amenity value. The development of 9, 170m^{II} turbines will irreversibly damage the landscape and rural character.

3 Environmental and Wildlife Concerns.

The proposed site is home to a variety of birds and bats, owls and hedge hogs. Bats roost in the crevices of my stone house and outbuildings. They are here for several months of the year. They are highly vulnerable to turbine strikes and habitat disruption. There is a risk of contravention of the EU Habitats and birds directives due to potential harm to protected species and their habitats.

4 Cumulative Impact and Overdevelopment.

Limerick already has a number of existing wind energy projects. Adding 9 more turbines of 170 metres in height represents over development and would create a disproportionate burden on this community. I am not opposed to green energy but the developers are not following up to date guidelines, they are relying on guidelines from 2006. There is a lot more research now available on the effects of wind farms close to people's homes. The more preferred places for these wind turbines are in the mountains or off shore, not beside people's houses, upsetting everybody & splitting communities.

III

5. Health and Safety concerns - Traffic and construction impacts.

The road proposed for the transport of concrete and aggregate is a very narrow, winding country road, with a lot of houses on it. It is already extremely dangerous. It is not suitable for the large volume of heavy construction traffic proposed. I have obtained the truck time table which shows a continuous flow of lorries throughout the day from morning to evening, five days a week. This would pose a serious problem, regarding a safety risk to residents, pedestrians and other road users.

My home is only metres from the proposed site entrance No 2. For up to two years I would face constant disturbance from heavy traffic, noise, dust. I would be impeded from entering or exiting my gate, the only entrance to my home. The entrance you are proposing does not provide adequate sight lines to avoid incoming traffic. This represents an intolerable intrusion on my peace, safety and right to quiet enjoyment of my home.

6. Lack of public consultation.

I would like to inform An Coimisiún Pleanála that I was completely unaware of the proposed development until 13th Aug 2025, (ie 2 months ago) as were many others in the area. This project goes right around my boundary and beside my entrance gate. On their map they are

5 (cont)

IV

actually proposing to go directly in front of my gate. See enclosed pictures. Also, on their application they have my driveway marked as, "farm access road" which is incorrect and misleading. A farm access road would not be used as much as an entrance to a house. All of this proposed development, a commercial enterprise right next to my home, devaluing my property, and yet I was not contacted by Garrane Green Energy to say they were putting this development and site entrance, number 2 right beside me and bounding my land.

In April '15, the only correspondence from Garrane Green Energy was a flyer and general letter about a proposed wind farm in Garrane, a district which would not be known in this area. This is a significant project which has the potential to impact our lives, the lives of future generations, landscape and ecosystems for decades, if approved. It is very concerning that the company is claiming on its website to have engaged extensively with the affected community on the proposed development, when this is clearly not the case. This represents

V.

an intolerable intrusion on my peace, safety and right to the quiet enjoyment of my home and garden

Conclusion.

For the afore mentioned reasons I believe the proposed development would,

- 1 Seriously injure the residential amenities of local homes.

- 2 Endanger road safety and unreasonably disturb local residents during construction
- 3 Diminish the rural scenic character of this part of County Limerick, and
- 4 Cause unacceptable environmental and community harm.

I respectfully request that an Coimisiún Pleanála refuse permission for this development.

Yours Sincerely.
Elizabeth Casey Chrysokeou.

Construction Traffic

The delivery of turbines to the Site will generate low level traffic noise as the vehicles carrying the turbines will move slowly along the local roads where impact is expected to be greatest. The main construction noise generated by traffic to and from the Site will be due to ready-mix trucks delivering concrete with trucking of spoil being carried out at the same time. The concrete pour for each individual turbine will be required to be completed in a short a period as possible (usually within 10 hours).

Each turbine will require approximately 960m³ of concrete while each ready-mix truck has a capacity of 8m³. This results in 120 loads of concrete and 240 truck movements for each turbine. For delivery of concrete the timeframe envisaged for each turbine concrete pour is taken as 10 hours. This equates to an average of 24 movements per hour.

The general expression for predicting the 1 hr LAeq alongside a haul road used by single engine items of mobile plant is:

$$L_{Aeq} = L_{WA} - 33 + 10\log_{10}Q - 10\log_{10}V - 10\log_{10}d$$

where:

L_{WA} = the sound power level of the truck, in decibels (dB);

Q = 16.2, the number of vehicles per hour;

V = 60, the average vehicle speed, in kilometres per hour (km/h);

d = the distance of receiving position from the centre of haul road, in metres (m).

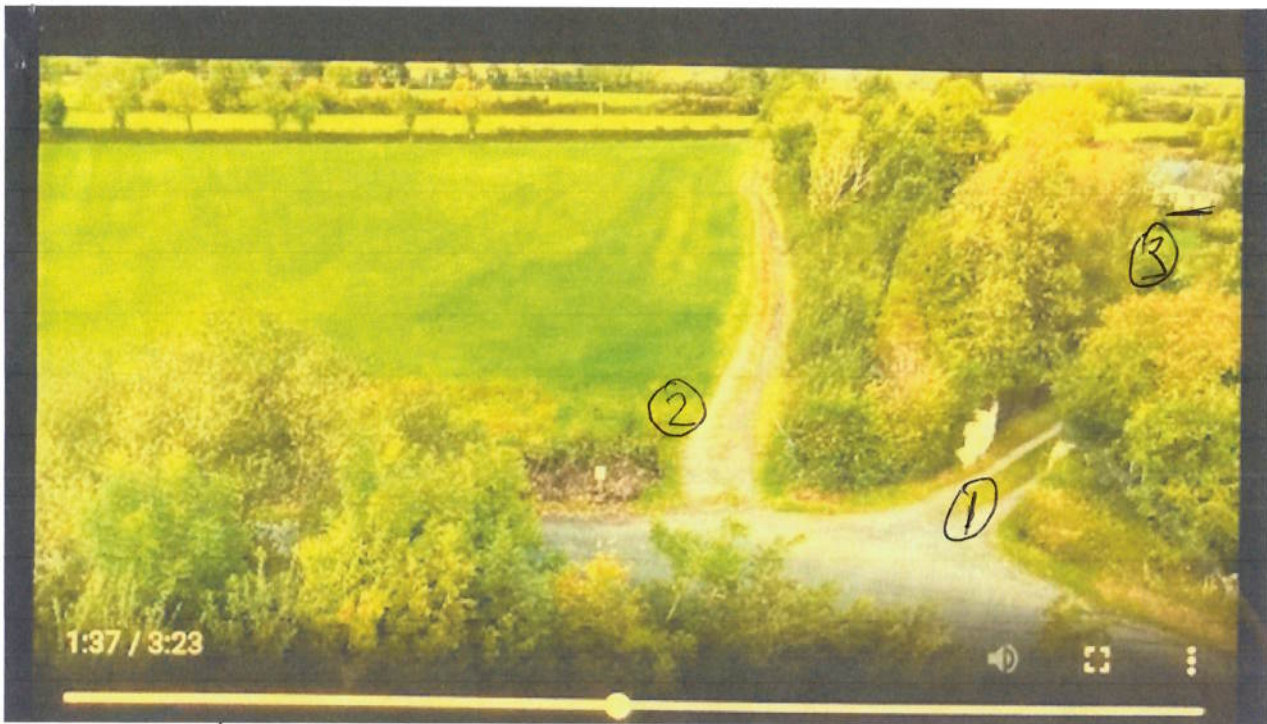
$$L_{Aeq} = 105 - 33 + 10\log_{10}16.2 - 10\log_{10}60 - 10\log_{10}20 = 53.3 \text{ LAeq 1hr.}$$

At 10m from the roadside the noise levels equate to 56.3 LAeq 1hr. The trucking for the concrete pour will extend for a total of 9 days (1 day for each turbine). In practice the levels generated by truck movement should be lower than predicted due to the smooth surface on the local roads.

Grid Connection- 'Loop-in'

The Substation shall connect with the existing overhead line between Charleville and Killonan via a 'Loop-in' connection.

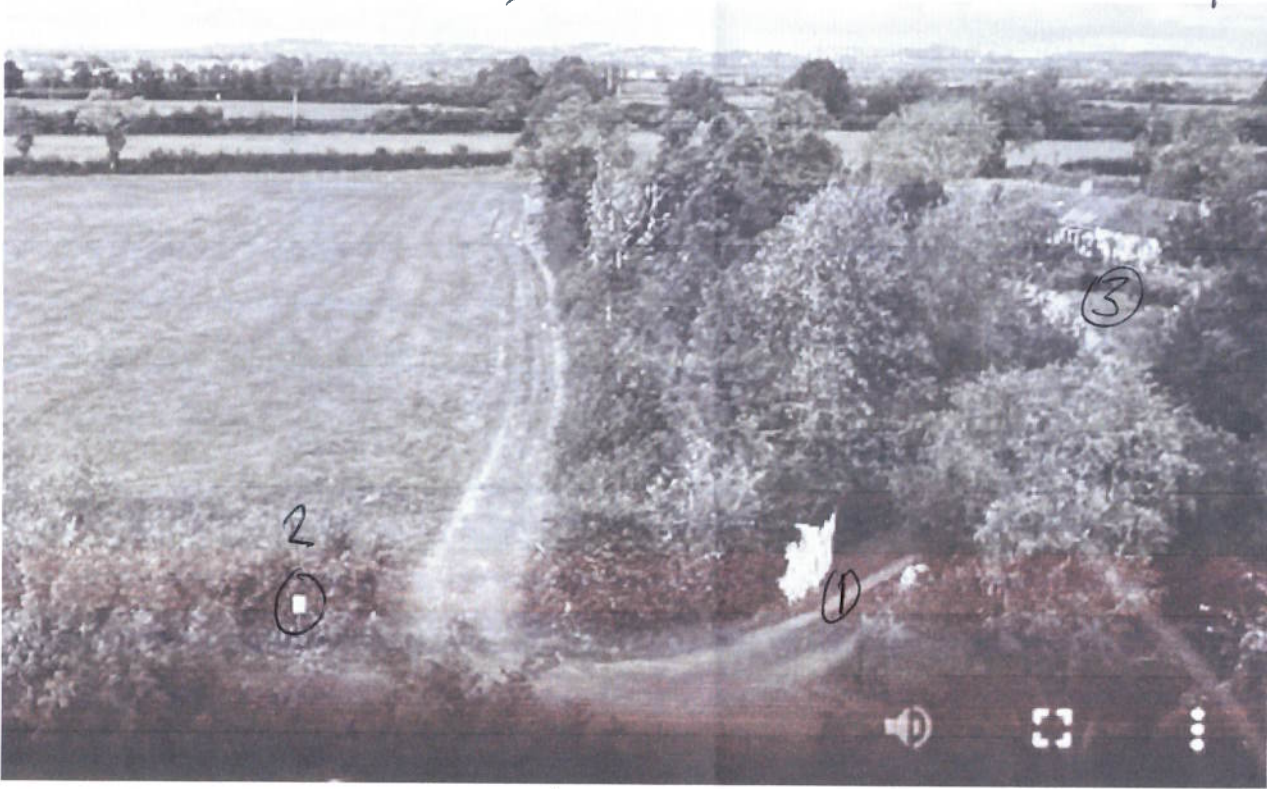
Construction noise levels are based on continuous operation. In practice, most plant will operate at a maximum level for short intervals.



← my
Residence

- ① My entrance, Receptor 89.
- ② Site entrance NO 2.
- ③ Residence. - my Residence

Elizabeth Carey Chrysostomou . RECEPTOR 89 .



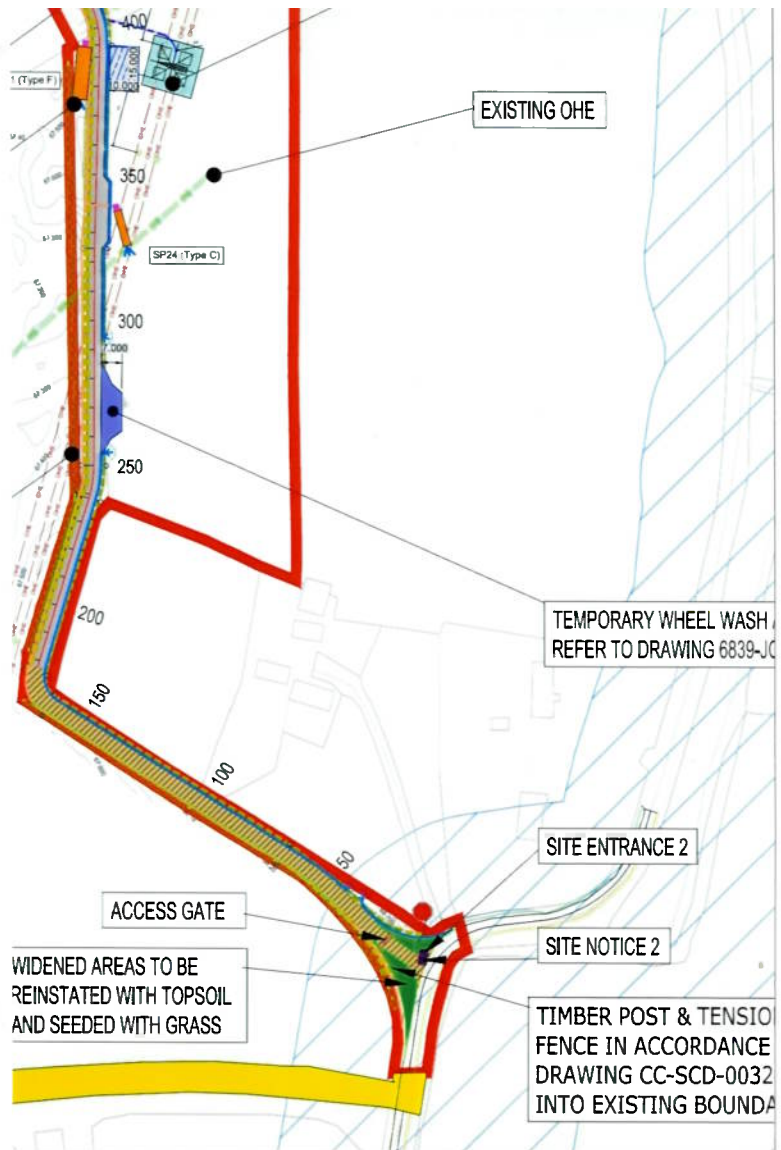
- ① entrance to my house .
- ② proposed site entrance NOZ .
- ③ my home .



Elizabeth Casey Chrysostomou
Receptor 89. 28/10/25

Elizabeth Casey Chrysostomou
Receptor R 89.

Coming out my gate & the
danger of oncoming traffic
28/10/25



Elizabeth Casey
Chrysosomou
Receptor 89.

Showing how
gas and green Energy
are cutting across
my gate.

28/10/25.