

To: [Planning Authority / Case Officer]

Re: Objection / Observation — Garrane Green Energy Project, Bruree, Co. Limerick
(Planning Ref: 323635)

I wish to lodge a formal objection to the Garrane Green Energy project on the following grounds. My objection is made in the interests of public safety, residential amenity, protection of property values, and conservation of local wildlife.

1. Turbine size and visual dominance

The proposed turbines are large industrial structures. Their height and blade-sweep will dominate the local low-lying landscape and rural character of Bruree and surrounding areas. The scale is incongruous with the existing settlement pattern and will result in permanent and significant visual intrusion for residents and road users.

2. Noise and vibration impacts on residential amenity

Modern turbine noise is not limited to tonal aerodynamic sound but can include low-frequency noise (infrasound) and amplitude modulation which travel differentially depending on topography and weather. The likely noise levels at nearby homes will materially harm residential amenity, especially during night-time and under certain wind directions. There is a risk of sleep disturbance and reduced quality of life for residents.

3. Traffic volumes and road safety on narrow country roads

Construction and decommissioning will generate a substantial number of heavy vehicle movements (deliveries of turbine components, cranes, concrete, and aggregates). These movements will use narrow rural roads that are not designed for large abnormal loads and will increase the risk of collisions, road damage, and danger to vulnerable road users (pedestrians, cyclists, horse riders, agricultural traffic). No adequate, permanent road upgrades or safe-routing plan has been demonstrated to protect local residents and road users.

4. Safety concerns (construction and operational)

The combination of frequent heavy vehicle movements, narrow winding roads, limited visibility at bends, and increased traffic raises clear safety concerns for local people and emergency services. There is also risk associated with turbine failure or ice throw in winter conditions (where relevant) and the potential for blade detachment, however remote, to impact properties or roads.

5. Dust, air quality and construction nuisance

Construction will produce dust and particulate matter from site works, spoil handling and haulage. Dust deposition and short-term local air quality degradation are likely to adversely affect residents, livestock and nearby farmland unless strict mitigation is required and enforced.

6. Devaluation of houses and loss of homeowner investment

The presence of large turbines in close proximity to homes will materially reduce marketability and value of residential properties. This financial harm to homeowners has social and economic consequences for the community and should be taken into account.

7. Shadow flicker and loss of amenity

Shadow flicker from rotating blades can cause repeated intermittent strobing in buildings when the sun is low and the turbine sits between the dwelling and the sun. For properties in the predicted flicker zone this will cause nuisance, potential health impacts for those with photosensitive conditions, and a reduction in usable amenity space.

8. Effects on local wildlife and biodiversity

The proposed development will adversely affect local birds, bats and other fauna through habitat loss, disturbance during construction, collision risk, and displacement. An independent, up-to-date ecological impact assessment and targeted species surveys

(including bird and bat activity during relevant seasons) are required; current information is insufficient to demonstrate no significant adverse effect.

Conclusion and requested outcome

For the reasons set out above I request that the planning authority either refuse the application or, at minimum, require the following before any approval is given: a full and independent Environmental Impact Assessment (EIA) addressing noise, cumulative visual impact, traffic and road safety assessment, dust and air quality management plan, up-to-date ecological surveys, a binding construction traffic management plan with pre- and post-construction road condition surveys, and meaningful mitigation or separation distances to protect homes and wildlife. I further request that the authority consider appropriate compensation measures for any unavoidable loss in property value and that consent is only granted with legally binding, enforceable conditions addressing the issues listed.

Signed:

Darragh Walsh

6 The Paddocks Bruree Co. Limerick

31/10/2025