

02/01/2025
An Bord Pleanála,
64 Marlborough Street,
Rotunda,
Dublin 1,
D01V902

AN BORD PLEANÁLA	
LDG-	077082-25
ABP-	
06 JAN 2025	
Fee: €	50.00
Type:	M/O
Time:	
By:	Raylett

To whom it may concern,

Subject: Objection to the Proposed Construction of a 110-kilovolt Air-Insulated Switchgear Electrical Substation and Associated Infrastructure at Moyvannan (ABP-319042-24)

I am writing to formally object to the proposed erection of a 110-kilovolt air-insulated switchgear electrical substation, along with an 8,500-square-foot single-story control building and 15-18 ft lattice-type interface masts, on the neighbouring 20-hectare site at Moyvannan (ABP-319042-24) This project raises several grave concerns that necessitate immediate reconsideration.

Health and Environmental Impact

Health Risks to Local Residents: There is increasing evidence that proximity to high-voltage electrical substations can pose health risks, including exposure to electromagnetic fields (EMFs), which are associated with potential long-term health effects. This is particularly alarming given the presence of young families in the area.

Electrochemical Corrosion and Water Contamination: This area is particularly vulnerable to waterlogging and flooding, the corrosion poses a heightened risk of introducing harmful metals into the local water supply. This threat to water quality has serious implications for the health and safety of the community.

Disruption to Natural Habitat: The Egyptian vulture, a species that has been recorded in the area, could face serious disruption to its habitat. This bird is already under threat globally, and its local presence should be protected also it will be an obstruction in the flight line of swans who nest in this area.

Flooding Concerns: The area is already prone to flooding, and the construction of such a large-scale infrastructure project could exacerbate this issue. Disruption to natural drainage and increased impervious surfaces are likely to lead to worsened flood conditions, threatening both farmland and residential properties. I am concerned with the increased flooding implications that may occur as my sewage tank will be effected and I am not financially fit to rectify this if it occurs as a result of the impact of this substation.

Impact on the Community

Noise Pollution in a Quiet Farming Community: The proposed substation will emit persistent low-frequency noise, as well as potential sudden noises from operational activities. This is particularly concerning in a quiet farming community, where residents and farm animals alike rely on a peaceful environment. Chronic noise

exposure is known to contribute to stress, sleep disturbances, and other health concerns and with my underlying health conditions it would impact on my well being.

Traffic Disruption: The construction phase, and the operation of the facility thereafter, will lead to significant traffic increases. The current infrastructure does not have sufficient verges on either side of the road to safely accommodate the anticipated traffic flow, posing a hazard to both vehicles and pedestrians. The road its self has numerous dangerous bends hills and hollows and is totally unsuitable for this massive construction work.

Conclusion

The proposed development will have far-reaching and detrimental effects on my health, the health of local residents, the integrity of the natural habitat, and the quality of life in this farming community. It poses significant risks to both the human and animal populations, as well as to the area's infrastructure and environment.

I urge the relevant authorities to reconsider this proposal and explore alternative locations that would have less impact on residential areas, wildlife, and the natural landscape.

Thank you for taking these concerns into consideration. I trust that the welfare of the community and the preservation of our environment will be prioritized in your decision-making process.

Yours sincerely,

Signed

A handwritten signature in black ink, appearing to read 'Margaret Daly', is written over a horizontal line.

Rockhill

Kiltoom

Athlone

Co. Roscommon