Ann Phelan,

The Pines,

Meenoughter,

Killeagh,

Co. Cork

13-10-2026

The Secretary

An Coimisiun Pleanala

64 Marlborough Street

Dublin 1

RE: OBSERVATION ON STRATEGIC INFRASTRUCTURE DEVELOPMENT - CASE REFERENCE 324632

Applicant: Perigus Energy Ireland Midco Ltd

Proposed Development: 220kV Air Insulated Substation, loop-in grid connection and related works

Location: Ballyneague, Ballydaniel and Knocknagappagh, County Cork

Dear Sir/Madam,

I am a resident whose home will be directly visually impacted by the proposed development. This observation concerns the substation application only. The substation and loop-in grid connection are sought permanently and would remain, and be handed to the network operator, even if the proposed solar farm 'Greenhills Renewable Energy Park' were decommissioned after 40 years. The substation must therefore be assessed on its own impacts on our area.

I wish to object on the following points:

1. Size and Scale
   The scale and size of this substation in an open space can be seen for miles around. Consider this, the Holy Cross in Phoenix in Dublin is 35 meters high and I will be looking at this by 4 times this and all the heights and cabling that will run across the land. The light pollution has not been taken into consideration and breaks the sky line views. I have included pictures from my home of the proposed solar farm, BESS, substation and associated works which highlight how my family and I will be impacted visually by this development.

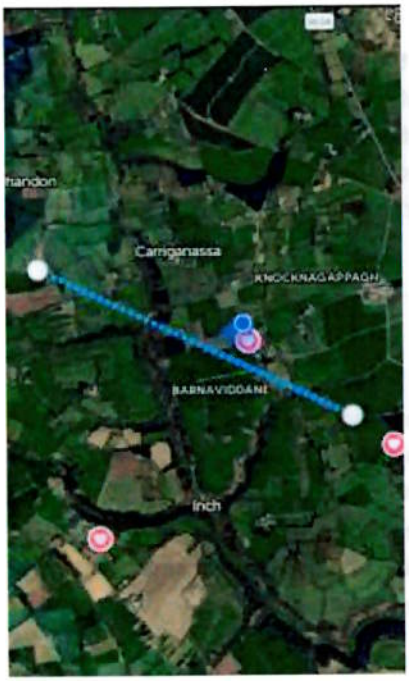
2. Road safety

All our roads are rural and are totally unfit for the transfer of incredibly heavy components such as multi tonne electrical transformers. And has there been a costed plan to maintain these roads when they fall into disrepair? These roads are not safe for 2 cars to pass let alone to carry the equipment to build this substation.

3. Substations demand large heavy plinths and gravel compounds. Replacing natural top soil with massive impermeable surfaces, drastically alters natural land drainage. This site is known locally as 'Cronins Bogs'.

4. Cumulative Impact
   What insurances do we have that we will not be without power when maintenance is ongoing and when they are connecting the substation to the powerlines. What effect will it have on existing power lines, which are not designed for such heavy loads?
   Is the grid capacity being taken into consideration? Is it limited anyway through load flow? What are the risks from faults? Will we be constantly in and out of electricity? What about the noise level?

5. Lyrenacarriga Wind Farm
   Not only may I potentially be viewing an 800 acre solar farm, BESS and 220KV Substation linked in with the Greenhills Renewable Energy Project, I will also view some turbines from the Lyrenacrraiga Wind Farm. I do not believe the documents supplied by Perigus account for the combined effects for both projects specifically for residents living in Meenoughter which sits on highly elevated land. From the 24 photomontages Perigus/Orsted have taken, they have taken none from the views from my home, which sits at the other side of the valley and currently enjoys unbroken, unspoiled, panoramic views. My home resides approx. 1.5 miles from the Substation field.



Conclusion

For these reasons, I respectfully ask the Commission to refuse permission. At a minimum, I ask that further information be requested, including a residential visual assessment with ZTV analysis and photomontages from Meenoughter and the nearest homes, showing the masts and a forestry felling scenario. Finally, I ask for a cumulative assessment of both substations, the Lyrenacarraiga wind farm, the solar farm and shared R634 construction traffic.

Thank you for considering this observation.

Is mise,

Ann Phelan.



Picture 1: Much of the land to the right of the picture is included in the solar development. The substation is the left and below the forestry.



Picture 2: Another example of the view of the substation from my residence.



Picture 3: The landscape of unbroken and unspoiled views.