



5<sup>th</sup> July 2022

An Bord Pleanála  
64 Marlborough Street  
Dublin 1

Ref: **ABP30977021/176177**  
Applicant: **Coole Wind Farm Ltd**

**Description:** *PERMISSION for the proposed wind farm development will consist of (a) up to 13 No. wind turbines. Townland of Joanstown and widening of the L1927 and L5828 Junction in the townland of Boherquill and (i) all associated site development works(including tree felling) at Coole, Monkstown, Camagh(Fore by), Doon, Clonsura, Mullagh, Boherquill and Joanstown, Co Westmeath.*

Dear Sir / Madam

I refer to the request for planning permission for the above development, details of which were received by the Irish Aviation Authority from the Council.

The Irish Aviation Authority (IAA) Air Navigation Services Division (ANSD) does not get involved in the planning process. The IAA ANSD is to be notified as detailed hereafter:

According to [S.I. 215 of 2005, Irish Aviation Authority \(Obstacles to Aircraft in Flight\)](#), the IAA ANSD requires any person who seeks to erect a manmade object to notify the aerodrome operator of the intended operation **at least thirty days** in advance if the structure is to be erected in the vicinity of the aerodrome or the areas around the aerodrome and other protected surfaces associated with the aerodrome. Aerodrome Operators can be contacted via [IAA AIP AD 1.3 INDEX TO AERODROMES AND HELIPORTS](#), to evaluate the impact of the intended operation on the protected airspace established for the aerodrome.

Additionally, any person who seeks to erect a manmade object in excess of 45 metres anywhere within the state above ground or water surface level must also notify the IAA ANSD of the intended crane erection **at least thirty days** in advance, as a crane operating at or above this height may constitute an obstacle to air navigation. The IAA ANSD can be contacted via [airspace@iaa.ie](mailto:airspace@iaa.ie).

The State requires electronic terrain and obstacle data (eTOD) in accordance with International Civil Aviation Organisation (ICAO) [Annex 15](#) requirements which shall be

surveyed by [Ordnance Survey Ireland \(OSi\)](#). The cost of this OSi surveyed data is to be borne by the developer. Additionally, the following data is to be supplied once construction is planned or commenced or available to the airspace team via [airspace@iaa.ie](mailto:airspace@iaa.ie):

- The WGS84 coordinates (In degrees, minutes and seconds) for each turbine?
- Height above ground level (to blade tip) and elevation above mean sea level (to blade tip)?
- Verification if it's a standalone wind farm or is merged with others. Does the wind farm have any alternative names?
- Horizontal extent (rotor diameter) of turbines and blade length where applicable?
- Lighting of the wind farm, which turbine(s) is/are lit, and what type of lighting?

| ICAO Light Type                          | Colour      |
|--|-------------|
| Low-intensity Type A (fixed obstacle)    | Red         |
| Low-intensity Type B (fixed obstacle)    | Red         |
| Low-intensity Type C (mobile obstacle)   | Yellow/Blue |
| Low-intensity Type D (follow-me vehicle) | Yellow      |
| Low-intensity Type E                     | Red         |
| Medium-intensity Type A                  | White       |
| Medium-intensity Type B                  | Red         |
| Medium-intensity Type C                  | Red         |
| High-intensity Type A                    | White       |
| High-intensity Type B                    | White       |

If you have any questions, please don't hesitate to contact the airspace team at [airspace@iaa.ie](mailto:airspace@iaa.ie).

Yours sincerely

P. P. G. O'Leary

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Deirdre Forrest  
Corporate Affairs