

RECEIVED: 02/09/2025



APPENDIX 15-1

**IAA Turbine Lighting
Correspondence 2004**

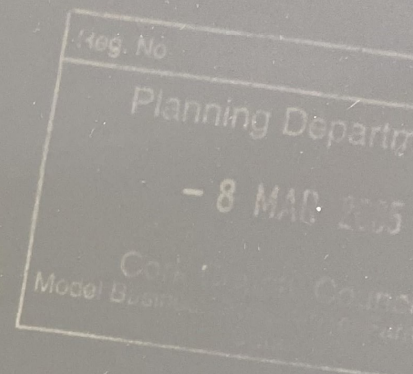
AVIATION HOUSE, HAWKINS STREET, DUBLIN 2, IRELAND
TEL: (01) 471 8685 FAX: (01) 679 1934
WEB SITE: www.iaa.ie

Aerodrome and Airspace Standards
Department

14th July 2004

Our Ref: AGA 1/1/9

Ms. Eimear Lenehan,
Renewable Energy Systems Ltd.,
Willowbank Road,
Millbrook Industrial Estate,
Larne,
Northern Ireland BT40 2SF.



Re: Planning Permission Approved for a Windfarm Consisting of 11 No. Wind Turbines at Taurbeg, Glasheenanargid, Foildaun, Newmarket, Co. Cork – Planning Reference: N/02/3608 Cork Co. Council – Applicant: Windfarm Developments Ltd.

Dear Ms. Lenehan,

I refer to your letter dated 5th July 2004 regarding obstacle lighting for a windfarm at Taurbeg, Glasheenanargid, Foildaun, Newmarket, Co. Cork – Planning Reference: N/02/3608 Cork Co. Council – Applicant: Windfarm Developments Ltd.

In response to your query the wind turbine with the highest elevation, (which appears from the map provided to be Turbine Nr. T11), should be fitted with a Medium-Intensity Type C Fixed Red obstacle light. I attach an extract from ICAO, Annex 14, Chapter 6, Table 6-3. Characteristics of obstacle Lights, which details the specification for the Medium-Intensity Type C Fixed Red obstacle light.

The fitting should be mounted at the highest point of the fixed structure to ensure that the light is visible from all angles of azimuth. The Irish Aviation Authority does not require the extremities of the windfarm to be lit, only a single wind turbine should be provided with an obstacle light as described above.

It is very important that a fitting of high reliability is installed due to possibly difficult access to the fitting.

RECEIVED: 02/09/98

One supplier of Medium-Intensity Type C Fixed Red obstacle light fittings is ALSTOM in the UK who manufacture a fitting Model ZA766. Given the location of the fittings it would be advisable to order the fitting with an anti-vibration mounting option.

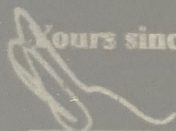
ALSTOM's contact details are as follows:

ALSTOM Drives and Controls Ltd./Airport Division, Boughton Road, Rugby, Warwickshire, CV21 1EU, UK. Tel. 0044 (0)1788 563563 Fax. 0044 (0)1788 560767.

I also enclose a copy of the Irish Aviation Authority Specification for Obstruction Surveys, OAI 10/97 dated April 1998. When they are available, co-ordinates in WGS-84 format of the as-constructed positions of each of the 11 turbines should be provided to this office. As-constructed elevations of the highest points of each of the 11 turbines should also be provided to this office.

Should you have any queries in relation to this matter, please contact us at your convenience.

Yours sincerely,



Brendan King
Aerodromes and Airspace Standards

