



## **Proof of Evidence on Noise – Amplitude Modulation**

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Electricity Act 1989 (Sections 36, 37, 62(3) & Schedule 8)  
Town and Country Planning Act 1990 (Section 90)  
and the  
The Electricity Generating Stations and Overhead Lines (Inquiries  
Procedure)(England and Wales) Rules 2007

Application by Vattenfall, dated 30 November 2007 for consent under Section 36 of the Electricity Act 1989 to construct and operate a 59.5MW wind turbine generating station in Powys, Mid Wales ('Llanbadarn Fynydd')

Application by Fferm Wynt Llaithddu Cyf, dated 7 May 2008 for consent under Section 36 of the Electricity Act 1989 to construct and operate a 66.7 MW wind turbine generating station in Powys, Mid Wales ('Llaithddu')

Application by CeltPower Limited, dated 9 May 2008 for consent under Section 36 of the Electricity Act 1989 to construct and operate a 126MW wind turbine generating station in Powys, Mid Wales ('Llandinam')

Application by RES UK & Ireland Limited, dated 27 March 2009 for consent under Section 36 of the Electricity Act 1989 to construct and operate a 100MW wind turbine generating station in Powys, Mid Wales ('Llanbrynmair')

Application by RWE NPower Renewables Limited, dated 11 December 2008 for consent under Section 36 of the Electricity Act 1989 to construct and operate a 130-250MW wind turbine generating station in Powys, Mid Wales ('Carnedd Wen')

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1. My name is Paul Bufton and I give evidence on behalf of Powys County Council in respect of Noise.
2. I am aware of my duties to the inquiry and I give my evidence accordingly.
3. I provide a further proof of evidence in respect of Amplitude Modulation (AM) having read the proofs of evidence submitted by the applicants.
4. Despite the recent Renewables UK guidance suggesting a possible mechanism for the cause of AM and the potential for a condition to be developed, it is apparent that the overall situation in respect of AM remains vague.
5. Conditions have recently been imposed through both the Dunsland and Turncole decisions, although their wording reflects the current developing situation in relation to AM.
6. Whilst I do not intend to present an argument for the necessity of an AM condition in respect of these applications, if the Inspector is minded to attach a condition I would recommend the inclusion of the following wording, taken from the Turncole decision:-  
  
‘No generation of electricity to the grid from the wind turbines shall take place until a Scheme for the regulation of amplitude modulation has been submitted to and approved in writing by the local planning authority. The scheme should be implemented as approved’
7. An Institute Of Acoustics conference on the 20<sup>th</sup> March may provide some additional assistance or guidance in respect of AM to this Inquiry.