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WIND SYSTEM – SITE ASSESSMENT FORM

Please complete and return the form below if you are interested in a wind turbine system. Please include photos, drawings and sketches of the site with approximate dimensions.

The purpose of this survey form is to enable Ardenham Energy to assess the suitability of your property for installing a wind system and to be able to provide a quotation for the installation work. A wind system can be installed on a wide range of locations. Locations which are sheltered from the prevailing wind may not qualify for the DTI grant. **It is important that a photograph of your proposed location is sent.**

Customer Details	
Address	
Tel	
Email	

Site Address	
Post Code	
Grid Reference	
Project Details	
Site Usage (eg School, Domestic, Industrial / Office Unit)	
Desired Time for completion	
Customer Preferences	
Turbine Make / Model / Size	
Indicative Budget	
KwH (unit) consumption	
Grid / Off Grid	
Mast or Building	
Location of Mast/Mounting	
NOABL Windspeed (From DTI Web if known)	
Turbine Class	
Vave (if known)	
Class of wind turbine in accordance with EN 61400-2 <small>Note: Vave is the average annual wind speed at hub height and highest class means a Class I would be suitable for all sites but Class III would not be suitable where the average annual wind speed is likely to be greater than 7.5 (Ardenham will advise)</small>	
Prevailing Wind Direction	
Any obstacles & proximity to turbine	

Environmental Assessment

- a. proximity of proposed location to nearby residents and assessment of potential nuisance from noise or flicker
- b. details of listed buildings or if conservation area
- c. ecology (e.g. impact on bats' roost)

Mechanical assessment

- a. For building mounted, full details of type of construction (e.g. brick/block with cavity, solid brick, timber frame etc.) including type of mortar (e.g. lime or cement mortar).
- b. For mast mounted, full details of ground conditions, cable distances and necessary types (e.g. armoured for buried cable runs)

Electrical Assessment

- a. Method of connection to consumer unit (e.g. dedicated fuseway)
- b. Earth testing
- c. Proposed location of inverter
- d. Metering arrangements (location, meter type)
- e. Details of electricity supplier and network operator

AREA FOR SKETCH

Please complete this form as well as possible and return to Ardenham Energy.

**For Completion by
Ardenham Energy**

Form completed
Comments,
Recommendations
and proposed
solution

Approved
Date