

Specification for an Archaeological Appraisal and Site Visit:

Land north of Llety Ifan Hen , Bont Goch, Talybont, Ceredigion

**Prepared for:
Constant Energy Ltd**

**On Behalf of:
Constant Energy Ventures Ltd**

Project No: 2205

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NON TECHNICAL SUMMARY

This specification details the proposal for an archaeological Desk Based Assessment and Site Visit associated with the proposed construction of a single wind turbine and associated works at Llety Ifan Hen, Bont Goch, Talybont, Ceredigion. It has been prepared by Archaeology Wales Ltd for Constant Energy Ltd.

1. Introduction

The proposed development comprises plans to construct a single wind turbine and associated works, including a brick-built substation, on land adjacent to Llety Ifan Hen, Bont Goch, Talybont, Ceredigion (centred on NGR: SN 68638 85494; Fig. 1).

This specification has been prepared by Dr Iestyn Jones, Project Officer, on behalf of Archaeology Wales Ltd (Henceforth - AW) at the request of Constant Energy Ltd. It provides information on the methodology that will be employed by AW during an Archaeological Appraisal and Site Visit.

The purpose of the proposed Archaeological Appraisal and Site Visit is to provide Constant Energy Ltd with the information they have requested in respect of the proposed development (Planning Application A130816), the requirements for which are set out in Planning Policy WALES, November 2012, Section 6.5, and Welsh Office Circular 60/96.

All work will conform to the Standard and Guidance for Archaeological Desk Based Assessment (IfA 2011) and be undertaken by suitably qualified staff to the highest professional standards.

2 Site description

The site is approximately 4km north-east of Penrhyncoch and 5km south-east of Talybont (NGR: SN 68638 85494). The proposed turbine location would be a sub-rectangular field measuring approximately 190m by 290m, aligned east to west and located to the north of Llety Ifan Hen farm (Fig. 2). The field rises from north-west (227m OD) to south-east (250m OD).

The site lies within the eastern area of the Upland Ceredigion Registered Historic Landscape, HLW (D)2, and specifically on the edge of the north-eastern defined border of the Banc Llety Ifan Hen HLC area. This craggy ridge has been utilised as upland grazing since at least the medieval period when it was part of the Dywarchen Grange Hafod owned by Ystrad Fflur abbey. It later became part of the Gogerddan Estate and has been mined for silver and lead between the middle of the nineteenth-century and the beginning of the twentieth.

Evidence for early occupation in the area includes Pen y Castell Iron Age Hill for, a Scheduled Ancient Monument (PRN 2024; SAM CD069) 700m to the south-east and two Bronze Age standing stones a short distance south of the proposed site.

3 Site specific objectives

The primary objective of the archaeological work will be to assess the impact of the development proposals on the historic environment by means of an Archaeological Appraisal study and site visit. This will help inform future decision making, design solutions and potential mitigation strategies. The aim will be to make full and effective use of existing information in establishing the archaeological significance of the site, to elucidate the presence or absence of archaeological material, its character, distribution, extent, condition and relative significance.

The work will include a comprehensive assessment of regional context within which the archaeological evidence rests and will aim to highlight any relevant research issues within national and regional research frameworks.

The work will result in a report that will provide information of sufficient detail to allow informed planning decisions to be made which can safeguard the archaeological resource. Preservation *in situ* will be advocated where at all possible, but where engineering or other factors result in loss of archaeological deposits, preservation by record will be recommended.

4 The proposed archaeological work

The proposed archaeological work relates to the whole of the site, i.e. all of the application area.

The aim of the work will be to establish and make available information about the archaeological resource existing on the site. The work will include the following elements:

- A detailed desk top study (Stage 1)
- A site visit (Stage 2)
- The production of an illustrated report and the deposition of the site archive (Stage 3)

The assessment will consider the following:

- a) the nature, extent and degree of survival of archaeological sites, structures, deposits and landscapes within the study area.
- b) the significance of any remains in their context both regionally and nationally
- c) the history of the site
- d) the potential impact of any proposed development on the setting of known sites of archaeological importance
- e) the potential for further work, with recommendations where appropriate for a suitable investigative and/or mitigation methodology.

5 Method statement for a detailed desk top study (Stage 1)

The desk based assessment will consider the following:

1. Collation and assessment of all relevant information held in the regional HER
2. Assessment of all available excavation reports and archives (including unpublished and unprocessed material) affecting the site and its setting
3. Assessment of online records held by the Portable Antiquities Scheme relating to finds from the assessment area
4. Assessment of archive records held at the County Archives, and as appropriate, site files held by RCAHMW
5. Assessment of the environmental potential of the archaeological deposits through existing data or by inference
6. Assessment of the faunal potential of the archaeological deposits through existing data or by inference
7. Assessment of the artefactual potential of the archaeological deposits through existing data or by inference
8. Assessment of available geotechnical information for the area including the results of test pits and boreholes
9. Assessment of the present topography and land use of the area through maps and site inspection

The history of the site will also be studied. This will involve the following:

1. A review of the published resources (in particular the documents outlined in Section 2 above).
2. An analysis of relevant maps and plans. Cartographic evidence is held at the County Record Offices, including tithe maps, enclosure act plans, estate maps and all editions of the Ordnance Survey. Place and fieldname evidence from these sources must be considered.
3. An analysis of the historical documents (e.g. county histories, local and national journals and antiquarian sources) held in museums, libraries or other archives, in particular local history and archives library.

6 Method statement for a Site Visit (Stage 2)

A walkover survey will be undertaken of the proposed development area. This will consider the nature, extent and degree of survival of archaeological sites, structures, deposits and landscapes within the study area.

Photographs will be taken in high-resolution digital photography with the camera set to take TIFF format images with a resolution greater than eight megapixels.

The locations any previously unrecorded features will be logged using GPS. A distribution plan showing the locations of known and previously unknown features in relation to the proposed wind turbine.

Written records will be made as appropriate.

7 Method statement for the production of an illustrated report and the deposition of the site archive (Stage 3)

The results will be presented in a report and will be detailed and laid out in such a way that data and supporting text are readily cross-referenced. The HER Officer will be contacted to ensure that any sites or monuments not previously recorded in the HER are given a Primary Record Number (PRN) and that data structure is compatible with the HER. The historical development of the site will be presented in phased maps and plans comprising clearly, the outline of the site.

Within the report an attempt will be made to indicate areas of greater or lesser archaeological significance and the sites will be ranked in level of overall archaeological importance (locally, regionally and nationally).

All relevant aerial photographs, re-plots and historic maps will be included and be fully referenced. Any site photographs included in the report will be appropriately captioned and clearly located on a suitably scaled site plan.

The report will specifically include the following:

1. a copy of the approved specification
2. a location plan
3. all identified sites plotted on an appropriately scaled plan of the proposal site
4. a gazetteer of all located sites with full dimensional and descriptive detail including grid reference and period

Copies of the report will be sent to the LPA, Constant Energy Ltd and for inclusion in the regional HER. Digital copies will be provided in pdf format if required.

A summary report of the work will be submitted for publication to a relevant local or national journal (eg Archaeology in Wales) no later than one year after the completion of the work.

The site archive

A project archive will be prepared in accordance with the National Monuments Record (Wales) / the guidelines of the Institute for Archaeologists agreed structure and be deposited within an appropriate local museum on completion of site analysis and report production. It will also conform to the guidelines set out in 'Management of Archaeological Projects Two, Appendix 3' (English Heritage 1991).

Arrangements will be made with the local museum before work starts. Wherever the archive is deposited, this information will be relayed to the HER.

Although there may be a period during which client confidentiality will need to be maintained, the report and the archive will be deposited not later than six months after completion of the work.

Other significant digital data generated by the survey (ie AP plots, EDM surveys, CAD drawings, GIS maps, etc) will be presented as part of the report on a CD/DVD. The format of this presented data will be agreed with the curator in advance of its preparation.

9 Resources and timetable

Standards

The work will be undertaken by AW staff using current best practice.

All work will be undertaken to the standards and guidelines of the IfA.

Staff

The project will be undertaken by suitably qualified AW staff. Overall management of the project will be undertaken by Mark Houlston (MiFA) (a CV is available upon request).

Equipment

The project will use existing AW equipment.

Timetable of archaeological works

No start date or timetable of works has yet been agreed.

This specification will be resubmitted if the start of the assessment is deferred by more than 6 months.

Insurance

AW is an affiliated member of the CBA, and holds Insurance through the CBA insurance service.

Health and safety

All members of staff will adhere to the requirements of the *Health & Safety at Work Act, 1974*, and the Health and Safety Policy Statement of AW.

If AW has sole possession of the site, then AW will produce a detailed Risk Assessment for approval by the client before any work is undertaken. If another organisation has responsibility for site safety, then AW employees will be briefed on the contents of all existing Risk Assessments, and all other health and safety requirements that may be in place.

Iestyn Jones, BA, PhD

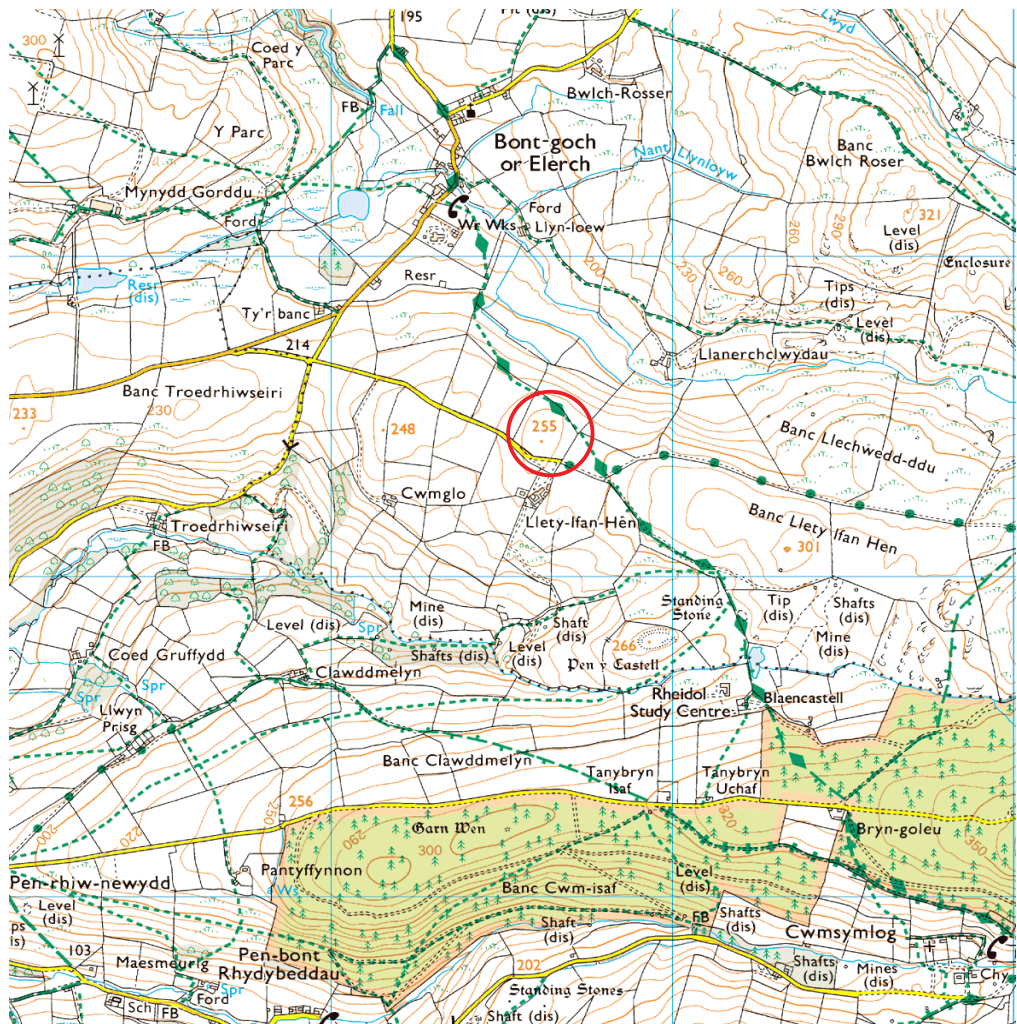
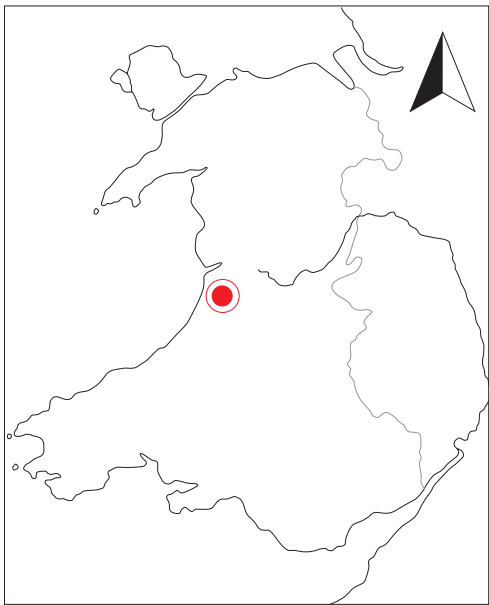


Fig. 1
Location of
site

Archaeology Wales



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