

This draft of the DCO is based on the draft submitted by the applicant on 3 July 2012. Comments are invited by 9 August 2012 in accordance with the examination timetable.

STATUTORY INSTRUMENTS

201[X] No. []

INFRASTRUCTURE PLANNING

The Brechfa Forest West Wind Farm Order 201[X]

<i>Made</i>	201[X]
<i>Laid before Parliament</i>	201[X]
<i>Coming into force</i>	201[X]

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Citation and Commencement

1. This Order may be cited as the Brechfa Forest West Wind Farm Order 201X and shall come into force on [●] 201[X].

Interpretation

2.—(1) In this Order—

“the 1961 Act” means the Land Compensation Act 1961(a);

“the 1980 Act” means the Highways Act 1980(b);

“the 1984 Act” means the Road Traffic Regulation Act 1984(c);

“the 1990 Act” means the Town and Country Planning Act 1990(d);

“the 1991 Act” means the New Roads and Street Works Act 1991(e);

“the 2008 Act” means the Planning Act 2008(f);

“ancillary works” means the works described in Part 2 of Schedule 1 which are not development within the meaning of section 32 of the 2008 Act;

“authorised development” means the development described in Part 1 of Schedule 1 (authorised project) and any other development authorised by this Order, which is development within the meaning of section 32 of the 2008 Act;

“the authorised project” means the authorised development and the ancillary works authorised by this Order;

“the book of reference” means the book of reference certified by the Secretary of State as the book of reference for the purposes of this Order;

“building” includes any structure or erection or any part of a building, structure or erection;

“carriageway” has the same meaning as in the 1980 Act;

“first export date” means the date the authorised development first supplies electricity on a commercial basis;

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- (a) 1961 c.33. Section 2(2) was amended by section 193 of, and paragraph 5 of Schedule 33 to, the Local Government, Planning and Land Act 1980 (c.65). There are other amendments to the 1961 Act which are not relevant to this Order.
- (b) 1980 c.66. Section 1(1) was amended by section 21(2) of the New Roads and Street Works Act 1991 (c.22); sections 1(2), 1(3) and 1(4) were amended by section 8 of, and paragraph (1) of Schedule 4 to, the Local Government Act 1985 (c.51); section 1(2A) was inserted, and section 1(3) was amended, by section 259 (1), (2) and (3) of the Greater London Authority Act 1999 (c.29); sections 1(3A) and 1(5) were inserted by section 22(1) of, and paragraph 1 of Schedule 7 to, the Local Government (Wales) Act 1994 (c.19). Section 36(2) was amended by section 4(1) of, and paragraphs 47(a) and (b) of Schedule 2 to, the Housing (Consequential Provisions) Act 1985 (c.7 1), by S.I. 2006/1177, by section 4 of, and paragraph 45(3) of Schedule 2 to, the Planning (Consequential Provisions) Act 1990 (c.11), by section 64(1) (2) and (3) of the Transport and Works Act (c.42) and by section 57 of, and paragraph 5 of Part 1 of Schedule 6 to, the Countryside and Rights of Way Act 2000 (c.37); section 36(3A) was inserted by section 64(4) of the Transport and Works Act 1992 and was amended by S.I. 2006/1177; section 36(6) was amended by section 8 of, and paragraph 7 of Schedule 4 to, the Local Government Act 1985 (c.51); and section 36(7) was inserted by section 22(1) of, and paragraph 4 of Schedule 7 to, the Local Government (Wales) Act 1994 (c.19). Section 329 was amended by section 112(4) of, and Schedule 18 to, the Electricity Act 1989 (c.29) and by section 190(3) of, and Part 1 of Schedule 27 to, the Water Act 1989 (c.15). There are other amendments to the 1980 Act which are not relevant to this Order.
- (c) 1984 c.27.
- (d) 1990 c.8. Section 20(6) was amended by section 192(8) of, and paragraphs 7 and 11 of Schedule 8 to, the Planning Act 2008 (c.29) (date in force to be appointed see section 241(3), (4)(a), (c) of the 2008 Act). There are other amendments to the 1990 Act which are not relevant to this Order.
- (e) 1991 c.22. Section 48(3A) was inserted by section 124 of the Local Transport Act 2008 (c.26). Sections 79(4), 80(4), and 83(4) were amended by section 40 of, and Schedule 1 to, the Traffic Management Act 2004 (c.18).
- (f) 2008 c.29.

“the footpath plan” means the plan entitled “New Access and Temporary Diversion of Public Rights of Way Plan”;

“highway” has the same meaning as in the 1980 Act;

“the land plan” means the plan certified as the land plan by the Secretary of State for the purposes of this Order;

“the limits of deviation” means the limits of deviation referred to in article 6;

“maintain” includes inspect, repair, adjust, remove, reconstruct and replace, and “maintenance” shall be construed accordingly;

“Order limits” means the order limits shown on the works plan;

“owner”, in relation to land, has the same meaning as in section 7 of the Acquisition of Land Act 1981(a);

“requirement” means a requirement set out in Part 3 of Schedule 1 (requirements);

“relevant planning authority” means Carmarthenshire County Council or any successors to its function as local planning authority for the area in which the authorised development is located;

“street” means a street within the meaning of section 48 of the 1991 Act, together with land on the verge of a street or between two carriageways, and includes part of a street;

“street authority”, in relation to a street, has the same meaning as in Part 3 of the 1991 Act;

“undertaker” means RWE npower renewables Limited (company number 2550622) whose registered office is at Auckland House, Lydiard Fields, Great Western Way, Swindon, Wiltshire SN5 8ZT;

“watercourse” includes all rivers, streams, ditches, drains, canals, cuts, culverts, dykes, sluices, sewers and passages through which water flows except a public sewer or drain; and

“the works plan” means the plan certified as the works plan by the Secretary of State for the purposes of this Order and references in this Order to Work Nos. shall be a reference to the works described in Schedule 1 and shown on the works plan.

(2) All distances, directions and lengths referred to in this Order are approximate and distances between points on a work comprised in the authorised project shall be taken to be measured along that work.

(3) References in this Order to a numbered Work are references to a Work numbered in Part 1 of Schedule 1.

Development consent etc. granted by the Order

3.—(1) Subject to the provisions of this Order and to the requirements in Part 3 of Schedule 1 (requirements) to this Order the undertaker is granted—

- (a) development consent for the authorised development; and
- (b) consent for the ancillary works,

to be carried out within the Order limits.

(2) Subject to article 6 (power to deviate) the authorised development may only be constructed in the lines or situations shown on the works plan.

(3) The development consent granted by this Order shall expire 25 years after the first export date.

(a) 1981 c.67. Section 7 was amended by section 70 of, and paragraph 9 of Schedule 15 to, the Planning and Compensation Act 1991 (c.34). There are other amendments to the 1981 Act which are not relevant to this Order.

Procedure in relation to approvals etc under requirements

4.—(1) Where an application is made to the relevant planning authority for any consent, agreement or approval required by a requirement, the following provisions apply as if the requirement was a condition imposed on the grant of planning permission—

- (a) sections 78 and 79 of the 1990 Act (right of appeal in relation to planning decisions);
- (b) any orders, rules or regulations which make provision in relation to a consent, agreement or approval of a local planning authority required by a condition imposed on the grant of planning permission.

(2) For the purposes of paragraph (1), a provision applies in so far as it relates to an application for such a consent, agreement or approval, or the grant or refusal of such an application, or a failure to give notice of a decision on such an application.

(3) For the purposes of the application of section 262 of the 1990 Act (meaning of “statutory undertaker”) to appeals pursuant to this article, the undertaker is deemed to be a holder of a licence under section 6 of the Electricity Act 1989.

Maintenance of authorised project

5. The undertaker may at any time, and from time to time, maintain Work Nos. 1 to 6, except to the extent that this Order or an agreement made under this Order, provides otherwise and subject to the requirements in Part 3 of Schedule 1.

Power to deviate

6.—(1) In constructing or maintaining the authorised development comprising works numbered 1 to 9 in Schedule 1, the undertaker may deviate laterally from the lines or situations shown on the works plans to the extent of the limits of deviation shown on those plans.

(2) Without prejudice to paragraph (1), in constructing and maintaining Work No. 2 the undertaker may deviate from the points of commencement and termination for each of the cable routes specified in the first column of the Table comprised within the description of Work No. 2 and may within the limits of deviation construct and maintain those cable routes between the commencement and termination points so varied from the Ordnance Survey National Grid Reference points set out in the second and third columns of the Table.

Operation of generating station

7.—(1) The undertaker is authorised to operate and use the authorised development for generating and transmitting electricity.

(2) This article does not relieve the undertaker of any obligation to obtain any permit or licence or any other obligation under any other legislation that may be required to authorise the operation of a generating station.

Benefit of Order

8.—(1) The provisions of this Order conferring powers on the undertaker shall have effect solely for the benefit of the undertaker.

(2) The undertaker may, with the consent of the Secretary of State—

- (a) transfer to another person (“the transferee”) any or all of the benefit of the provisions of this Order and such related statutory rights as may be agreed between the undertaker and the transferee; or
- (b) grant to another person (“the lessee”) for a period agreed between the undertaker and the lessee any or all of the benefit of the provisions of this Order and such related statutory rights as may be so agreed.

(3) Where an agreement has been made in accordance with paragraph (2) references in this Order to the undertaker, except in paragraph (4), shall include references to the transferee or the lessee.

(4) The exercise by a person of any benefits or rights conferred in accordance with any transfer or grant under paragraph (2) shall be subject to the same restrictions, liabilities and obligations as would apply under this Order if those benefits or rights were exercised by the undertaker.

Nuisance

9.—(1) Where proceedings are brought under section 82(1) of the Environmental Protection Act 1990(a) (summary proceedings by person aggrieved by statutory nuisance) in relation to a nuisance falling within paragraph (g) of section 79(1) of that Act (noise emitted from premises so as to be prejudicial to health or a nuisance) no order shall be made, and no fine may be imposed, under section 82(2) of that Act if the condition set out in paragraph (2) has been satisfied.

(2) The condition to be satisfied for the purposes of paragraph (1) is that the defendant shows that the nuisance relates to premises used by the undertaker for the purposes of or in connection with the construction of the authorised project and that the nuisance is attributable to the carrying out of the authorised project in accordance with a notice served under section 60 (control of noise on construction site), or a consent given under section 61 (prior consent for work on construction site) or 65 (noise exceeding registered level), of the Control of Pollution Act 1974(b).

(3) Section 61(9) (consent for work on construction site to include statement that it does not of itself constitute a defence to proceedings under section 82 of the Environmental Protection Act 1990) of the Control of Pollution Act 1974 and section 65(8) of that Act (corresponding provision in relation to consent for registered noise level to be exceeded), shall not apply where the consent relates to the use of premises by the undertaker for the purposes of or in connection with the construction or maintenance of the authorised project.

(4) Nothing in this Order or section 158 of the 2008 Act (nuisance: statutory authority) or any rule of law having similar effect confers on the undertaker any defence in respect of any nuisance arising from noise attributable to the use of the authorised project.

Comment [ExA1]: Consideration being given to removal of 9(1) to 9(3).

Comment [ExA2]: Proposed changes here are designed to simplify and clarify what appears to be a shared intent.

Street works

10.—(1) The undertaker may, for the purposes of the authorised development, enter on so much of the street specified in Schedule 2 (street subject to street works) as is within the Order limits and may—

- (a) break up or open the street, or any sewer, drain or tunnel under it;
- (b) place apparatus in the street;
- (c) maintain apparatus in the street or change its position; and
- (d) execute any works required for or incidental to any works referred to in sub-paragraphs (a), (b) and (c).

(2) In this article “apparatus” has the same meaning as in Part 3 of the 1991 Act.

Temporary stopping up of streets

11.—(1) The undertaker, during and for the purposes of carrying out the authorised project, may temporarily stop up, alter or divert any street and may for any reasonable time—

- (a) divert the traffic from the street; and
- (b) subject to paragraph (2), prevent all persons from passing along the street.

(a) 1990 c.43. There are amendments to this Act which are not relevant to this Order.

(b) 1974 c.40. Sections 61(9) and 65(8) were amended by section 162 of, and paragraph 15 of Schedule 3 to, the Environmental Protection Act 1990, c.25. There are other amendments to the 1974 Act which are not relevant to this Order.

(2) The undertaker shall provide reasonable access at all times for pedestrians going to or from premises abutting a street affected by the temporary stopping up, alteration or diversion of a street under this article if there would otherwise be no such access.

(3) Without prejudice to the generality of paragraph (1), the undertaker may temporarily stop up, alter or divert the streets specified in columns (1) and (2) of Schedule 3 (streets to be temporarily stopped up) to the extent specified, by reference to the letters and numbers shown on the footpath plan, in column (3) of that Schedule.

(4) The undertaker shall not temporarily stop up, alter or divert any street under paragraph (1) without the consent of the street authority.

(5) Any person who suffers loss by the suspension of any private right of way under this article shall be entitled to compensation to be determined, in case of dispute, under Part 1 of the 1961 Act.

(6) This article does not relieve the undertaker of any obligation to obtain an order under the 1984 Act.

Discharge of water

12.—(1) The undertaker may use any watercourse or any public sewer or drain for the drainage of water in connection with the carrying out or maintenance of the authorised project and for that purpose may lay down, take up and alter pipes and may, on any land within the Order limits, make openings into, and connections with, the watercourse, public sewer or drain.

(2) Any dispute arising from the making of connections to or the use of a public sewer or drain by the undertaker pursuant to paragraph (1) shall be determined as if it were a dispute under section 106 of the Water Industry Act 1991(a) (right to communicate with public sewers).

(3) The undertaker shall not discharge any water into any watercourse, public sewer or drain except with the consent of the person to whom it belongs; and such consent may be given subject to such terms and conditions as that person may reasonably impose, but shall not be unreasonably withheld.

(4) The undertaker shall not make any opening into any public sewer or drain except—

(a) in accordance with plans approved by the person to whom the sewer or drain belongs, but such approval shall not be unreasonably withheld; and

(b) where that person has been given the opportunity to supervise the making of the opening.

(5) The undertaker shall not, in carrying out or maintaining works pursuant to this article, damage or interfere with the bed or banks of any watercourse forming part of a main river.

(6) The undertaker shall take such steps as are reasonably practicable to secure that any water discharged into a watercourse or public sewer or drain pursuant to this article is as free as may be practicable from gravel, soil or other solid substance, oil or matter in suspension.

(7) This article does not authorise anything prohibited by the Environmental Permitting (England and Wales) Regulations 2010(b).

(8) If a person who receives an application for consent under paragraph (3) or approval under paragraph (4)(a) fails to respond to the undertaker within 28 days of receiving an application for consent under paragraph (3) or approval under paragraph 4(a) that person shall be deemed to have granted consent or given approval, as the case may be.

(9) In this article—

(a) “public sewer or drain” means a sewer or drain which belongs to the Environment Agency, an internal drainage board, local authority or a sewerage undertaker; and

(a) 1991 c.56. Section 106 was amended by sections 36(2) and 99 of the Water Act 2003 (c.37). There are other amendments to this section which are not relevant to this Order.

(b) S.I. 2010/675.

(b) other expressions, excluding watercourse, used both in this article and in the Water Resources Act 1991(a) have the same meaning as in that Act.

(10) This article does not relieve the undertaker of any obligation to obtain from the Environment Agency any permit or licence or any other obligation under any other legislation that may be required to authorise anything done under this article.

Application of landlord and tenant law

13.—(1) This article applies to—

- (a) any agreement for leasing to any person the whole or any part of the authorised project or the right to operate the same; and
- (b) any agreement entered into by the undertaker with any person for the construction, maintenance, use or operation of the authorised project, or any part of it,

so far as any such agreement relates to the terms on which any land which is the subject of a lease granted by or under that agreement is to be provided for that person's use.

(2) No enactment or rule of law regulating the rights and obligations of landlords and tenants shall prejudice the operation of any agreement to which this article applies.

(3) Accordingly, no such enactment or rule of law shall apply in relation to the rights and obligations of the parties to any lease granted by or under any such agreement so as to—

- (a) exclude or in any respect modify any of the rights and obligations of those parties under the terms of the lease, whether with respect to the termination of the tenancy or any other matter;
- (b) confer or impose on any such party any right or obligation arising out of or connected with anything done or omitted on or in relation to land which is the subject of the lease, in addition to any such right or obligation provided for by the terms of the lease; or
- (c) restrict the enforcement (whether by action for damages or otherwise) by any party to the lease of any obligation of any other party under the lease.

Operational land for purposes of the 1990 Act

14. Development consent granted by this Order shall be treated as specific planning permission for the purposes of section 264(3)(a) of the 1990 Act (cases in which land is to be treated as operational land for the purposes of that Act).

Felling or lopping of trees etc

15.—(1) The undertaker may fell or lop any tree or shrub within or encroaching upon the Order limits, or cut back its roots, if it reasonably believes it to be necessary to do so to prevent the tree or shrub—

- (a) from obstructing or interfering with the construction, maintenance or operation of the authorised project or any apparatus used in connection with the authorised project; or
- (b) from constituting a danger to passengers or other persons using the authorised project.

(2) In carrying out any activity authorised by paragraph (1), the undertaker shall do no unnecessary damage to any tree or shrub and shall pay compensation to any person for any loss or damage arising from such activity.

(3) The undertaker may remove any hedgerows within the Order limits if required for the purposes of the carrying out of the authorised development.

(4) The power conferred by paragraph (3) shall remove any obligation upon the undertaker to secure any consent under to the Hedgerows Regulations 1997(a).

(a) 1991 c.57.

(5) Any dispute as to a person's entitlement to compensation under paragraph (2), or as to the amount of compensation, shall be determined under Part 1 of the 1961 Act.

(6) The exercise of any power under paragraphs (1) and (3) shall be exercised with the consent of the owner of the land concerned.

(7) In this article "hedgerow" has the same meaning as in the Hedgerow Regulations 1997.

Removal of human remains

16.—(1) In this article "the specified land" means the land within the limits of deviation.

(2) Before the undertaker carries out any development or works which will or may disturb any human remains in the specified land it shall remove those human remains from the specified land, or cause them to be removed, in accordance with the following provisions of this article.

(3) Before any such remains are removed from the specified land the undertaker shall give notice of the intended removal, describing the specified land and stating the general effect of the following provisions of this article, by—

- (a) publishing a notice once in each of two successive weeks in a newspaper circulating in the area of the authorised project; and
- (b) displaying a notice in a conspicuous place on or near to the specified land.

(4) As soon as reasonably practicable after the first publication of a notice under paragraph (3) the undertaker shall send a copy of the notice to Carmarthenshire County Council.

(5) At any time within 56 days after the first publication of a notice under paragraph (3) any person who is a personal representative or relative of any deceased person whose remains are interred in the specified land may give notice in writing to the undertaker of that person's intention to undertake the removal of the remains.

(6) Where a person has given notice under paragraph (5), and the remains in question can be identified, that person may cause such remains to be—

- (a) removed and re-interred in any burial ground or cemetery in which burials may legally take place; or
- (b) removed to, and cremated in, any crematorium,

and that person shall, as soon as reasonably practicable after such re-interment or cremation, provide to the undertaker a certificate for the purpose of enabling compliance with paragraph (11).

(7) If the undertaker is not satisfied that any person giving notice under paragraph (5) is the personal representative or relative as that person claims to be, or that the remains in question can be identified, the question shall be determined on the application of either party in a summary manner by the county court, and the court may make an order specifying who shall remove the remains and as to the payment of the costs of the application.

(8) The undertaker shall pay the reasonable expenses of removing and re-interring or cremating the remains of any deceased person under this article.

(9) If—

- (a) within the period of 56 days referred to in paragraph (5) no notice under that paragraph has been given to the undertaker in respect of any remains in the specified land; or
- (b) such notice is given and no application is made under paragraph (7) within 56 days after the giving of the notice but the person who gave the notice fails to remove the remains within a further period of 56 days; or
- (c) within 56 days after any order is made by the county court under paragraph (7) any person, other than the undertaker, specified in the order fails to remove the remains; or
- (d) it is determined that the remains to which any such notice relates cannot be identified,

(a) S.I. 1997/1160.

subject to paragraph (10) the undertaker shall remove the remains and cause them to be re-interred in such burial ground or cemetery in which burials may legally take place as the undertaker thinks suitable for the purpose; and, so far as possible, remains from individual graves shall be re-interred in individual containers which shall be identifiable by a record prepared with reference to the original position of burial of the remains that they contain.

(10) If the undertaker is satisfied that any person giving notice under paragraph (5) is the personal representative or relative as that person claims to be and that the remains in question can be identified, but that person does not remove the remains, the undertaker shall comply with any reasonable request that person may make in relation to the removal and re-interment of cremation of the remains.

(11) On the re-interment or cremation of any remains under this article—

- (a) a certificate of re-interment or cremation shall be sent by the undertaker to the Registrar General by the undertaker giving the date of re-interment or cremation and identifying the place from which the remains were removed and the place in which they were re-interred or cremated; and
- (b) a copy of the certificate of re-interment or cremation and the record mentioned in paragraph (9) shall be sent by the undertaker to Carmarthenshire County Council mentioned in paragraph (4).

(12) The removal of the remains of any deceased person under this article shall be carried out in accordance with any directions which may be given by the Secretary of State.

(13) Any jurisdiction or function conferred on the county court by this article may be exercised by the district judge of the court.

(14) Section 25 of the Burial Act 1857^(a) (bodies not to be removed from burial grounds, save under faculty, without licence of Secretary of State) shall not apply to a removal carried out in accordance with this article.

Service of notices

Comment [ExA3]: This article may not be necessary if the DCO does not require anything to be "served".

17.—(1) A notice or other document required or authorised to be served for the purposes of this Order may be served—

- (a) by post;
- (b) by delivering it to the person on whom it is to be served or to whom it is to be given or supplied; or
- (c) with the consent of the recipient and subject to paragraphs (6) to (8) by electronic transmission.

(2) Where the person on whom a notice or other document to be served for the purposes of this Order is a body corporate, the notice or document is duly served if it is served on the secretary or clerk of that body.

(3) For the purposes of section 7 of the Interpretation Act 1978^(b) as it applies for the purposes of this article, the proper address of any person in relation to the service on that person of a notice or document under paragraph (1) is, if that person has given an address for service, that address, and otherwise—

- (a) in the case of the secretary or clerk of a body corporate, the registered or principal office of that body; and
- (b) in any other case, the last known address of that person at the time of service.

(4) Where for the purposes of this Order a notice or other document is required or authorised to be served on a person as having any interest in, or as the occupier of, land and the name or address of that person cannot be ascertained after reasonable enquiry, the notice may be served by—

^(a) 1857 c.81. There are amendments to this Act which are not relevant to this Order.
^(b) 1978 c.30.

- (a) addressing it to that person by name or by the description of “owner”, or as the case may be “occupier”, of the land (describing it); and
- (b) either leaving it in the hands of a person who is or appears to be resident or employed on the land or leaving it conspicuously affixed to some building or object on or near the land.

(5) Where a notice or other document required to be served or sent for the purposes of this Order is served or sent by electronic transmission the obligation shall be taken to be fulfilled only where—

- (a) the recipient of the notice or other document to be transmitted has given consent to the use of electronic transmission in writing or by electronic transmission;
- (b) the notice or document is capable of being accessed by the recipient;
- (c) the notice or document is legible in all material respects; and
- (d) the notice or document is in a form sufficiently permanent to be used for subsequent reference.

(6) Where the recipient of a notice or other document served or sent by electronic transmission notifies the sender within 7 days of receipt that the recipient requires a paper copy of all or part of that notice or other document the sender shall provide such a copy as soon as reasonably practicable.

(7) Any consent to the use of electronic communication given by a person may be revoked by that person in accordance with paragraph (8).

(8) Where a person is no longer willing to accept the use of electronic transmission for any of the purposes of this Order—

- (a) that person shall give notice in writing or by electronic transmission revoking any consent given by that person for that purpose; and
- (b) such revocation shall be final and shall take effect on a date specified by the person in the notice but that date shall not be less than 7 days after the date on which the notice is given.

(9) This article shall not be taken to exclude the employment of any method of service not expressly provided for by it

(10) In this article “legible in all material respects” means that the information contained in the notice or document is available to that person to no lesser extent that it would be if served, given or supplied by means of a notice or document in printed form.

Certification of plans etc

18.—(1) The undertaker shall, as soon as practicable after the making of this Order, submit to the Secretary of State copies of—

- (a) the book of reference;
- (b) the land plan;
- (c) the works plan;
- (d) the footpath plan; and
- (e) any other plans or documents referred to in this Order,

for certification that they are true copies of the documents referred to in this Order.

(2) A plan or document so certified shall be admissible in any proceedings as evidence of the contents of the document of which it is a copy.

Arbitration

19. Any difference under any provision of this Order, unless otherwise provided for, shall be referred to and settled by a single arbitrator to be agreed between the parties or, failing

agreement, to be appointed on the application of either party (after giving notice in writing to the other) by the Secretary of State.

SCHEDULES

SCHEDULE 1 AUTHORISED PROJECT

PART 1 AUTHORISED DEVELOPMENT

In the County of Carmarthenshire

A wind energy electricity generating station with an installed capacity of between 56-84MW comprising a nationally significant infrastructure project as defined in sections 14 and 15 of the 2008 Act consisting of-

Work No.1 - up to 28 wind turbines each sited on concrete foundations incorporating hardstanding for cranes and fitted with rotating blades having a height to blade tip of up to 145 metres and including external transformers located at the base of the turbine and situated at the following locations—

Wind Turbine Number	Grid Reference	
	Easting	Northing
W1	246753	231322
W2	247319	231337
W3	247049	232133
W4	247347	231780
W5	247865	231357
W6	248004	231019
W7	248209	230683
W8	247780	232510
W9	247885	232140
W10	247986	231773
W11	248456	231506
W12	248684	231065
W13	248261	233094
W14	248524	232673
W15	248695	232320
W16	249110	231992
W17	248322	234134

W18	248210	233713
W19	248638	233537
W20	248899	233213
W21	249096	232723
W22	249331	232414
W23	248909	234382
W24	249274	234198
W25	249460	233566
W26	249424	233163
W27	249734	232835
W28	249974	233494

Work No. 2 - A series of cables buried beneath the surface of the ground and connecting the wind turbines comprising Work No. 1 as follows-

Cable route number	Commencement point	Termination point
1	Substation	W10
	W10	W5
	W5	W6
	W6	W7
	W7	W11
	W11	W12
2	Substation	W9
	W9	W8
	W8	W3
	W3	W4
	W4	W2
	W2	W1
3	Substation	W14
	W14	W20
	W20	W19
	W19	W13
	W13	W18
	W18	W17
	W17	W23
	W23	W24
4	Substation	W27
	W27	W22
	W22	W21
	W21	W26
	W26	W25
	W25	W28
	W28	W15
	W15	W16

Work No.3 - A series of access tracks between the wind turbines comprising Work No.1 as follows -

Access Track number	Commencement Point		Termination Point	
	Easting	Northing	Easting	Northing

WR1	248223	233165	247747	233541
WR2	248476	233572	248224	233166
WR3	248390	233647	248475	233571
WR4	248419	233839	248390	233647
WR5	248299	233924	248419	233839
WR6	248299	233924	248219	233989
WR7	248419	233838	248797	234082
WR8	248797	234080	248928	234285
WR9	248929	234286	248987	234357
WR10	248476	233571	248567	233473
WR11	248568	233473	248709	233140
WR12	248709	233140	248833	233087
WR13	248833	233087	248964	232993
WR14	248964	232994	249105	233299
WR15	249106	233301	249400	233650
WR16	249400	233650	249697	233767
WR17	248963	232993	249175	232794
WR18	249175	232794	249337	232694
WR19	249337	232694	249492	232669
WR20	249490	232667	249670	232624
WR21	248964	232994	248702	232400
WR22	248801	232306	248999	232093
WR23	248708	233140	248517	232786
WR24	248510	232826	247875	232337
WR25	247875	232337	247817	232228
WR26	247817	232228	247612	232078
WR27	247612	232078	247554	232213
WR28	247554	232213	247350	232247
WR29	247612	232078	247779	231971
WR30	247778	231971	247491	231690
WR31	247491	231690	247371	231445
WR32	247371	231444	247148	231409
WR33	247149	231409	247093	231456
WR34	247094	231455	247020	231495
WR35	247817	232228	247828	232214
WR36	247829	232214	247873	231910
WR37	247876	231668	247872	231910
WR38	247692	231407	247878	231669
WR39	248103	230952	248120	230732
WR40	248077	231657	248266	231613
WR41	248377	231291	248442	231170
WR42	248442	231170	248796	231181
WT1	246738	231342	246545	231212
WT2	247021	231494	246738	231342
WT3	247371	231445	247319	231337
WT4	247348	232246	247048	232133
WT5	247347	231780	247503	231703

WT6	247692	231407	247878	231378
WT7	247878	231378	248025	231032
WT8	248025	231032	248103	230952
WT9	248121	230731	248208	230684
WT10	247780	232510	247896	232352
WT11	247829	232214	247885	232140
WT12	247878	231870	248076	231657
WT13	248265	231613	248395	231478
WT14	248456	231506	248394	231478
WT15	248362	231486	248377	231290
WT16	248441	231169	248685	231062
WT17	247748	233540	247494	233689
WT18	248260	233095	248188	233146
WT19	248517	232786	248524	232673
WT20	248695	232320	248702	232401
WT21	248725	232371	248801	232306
WT22	249110	231992	248999	232093
WT23	248390	233646	248210	233713
WT24	248553	233489	248638	233537
WT25	248813	233099	248898	233212
WT26	249162	232808	249096	232724
WT27	249466	232674	249330	232414
WT28	249670	232624	249733	232835
WT29	248219	233989	248323	234134
WT30	249423	233165	249096	233284
WT31	249382	233642	249460	233566
WT32	249683	233767	249974	233493
WT33	248940	234306	248909	234382
WT34	248989	234357	249276	234197
WT35	248796	231181	248837	231141
WT36	247495	233690	245999	234868
WT37	246754	231354	246753	231322
WT38	247864	231357	247857	231391
WT39	248003	231019	248012	231053
WT40	247986	231774	247987	231803

In constructing Work No.3 the undertaker may improve any track already in existence along the line of the work shown on the works plan.

Work No.4 - A construction, maintenance and emergency site access road commencing at a point at SN 46026 34898 and terminating at a point at SN 47482 33690. In constructing Work No. 4, the undertaker may form and lay out a means of access from the A485 within the limits of deviation for Work No. 4.

Work No. 5 - An onsite electricity substation comprising an enclosed area of hardstanding of approximately 4080 square metres located at Ordnance Survey National Grid Reference Point SN 48809 31110 and including a control building to house switch gear and control equipment.

Work No. 6 - A meteorological mast for the purpose of monitoring and recording wind speed and direction as well as air temperature, having a height of approximately 100 metres and sited on an

area of hardstanding of approximately 1000 square metres located at Ordnance Survey National Grid Reference Point SN 46544 31212.

Work No. 7 - A temporary civil construction compound comprising an enclosed area of hardstanding of approximately 2,500 square metres located at Ordnance Survey National Grid Reference Point SN 48089 33104 and including a temporary office and staff welfare building together with an area for the storage of materials for use in the construction of the authorised development.

Work No. 8 - A borrow pit for the extraction of stone to be used in the construction of the authorised development, having an area of approximately 10,000 square metres and a depth of 6 metres located at Ordnance Survey National Grid Reference Point SN 47929 32499.

Work No. 9 - A temporary electrical compound comprising an enclosed area of hardstanding of approximately 2,500 square metres located adjacent to the onsite electricity substation forming Work No. 5 at Ordnance Survey National Grid Reference Point SN 48868 31107.

In Work No. 1, references to the locations of a wind turbine are references to the centre point of that turbine.

PART 2 ANCILLARY WORKS

Removal of hedgerows

20. Removal of approximately 137. m of hedgerow within the Order limits along field boundaries between the A485 at Veindre Parc and Mynydd Rhos Wen the majority of which is located at the site entrance at the A485 at Ordnance Survey National Grid Reference Point SN 46026 34898.

PART 3 REQUIREMENTS

Definitions

1. —(1) In this Part of this Schedule:

“abnormal indivisible load” has the same meaning as in the Road Vehicles (Authorisation of Special Types) (General) Order 2003;

“commencement”, in relation to the authorised development, means the date on which the authorised development begins by the carrying out of a material operation as defined in section 155 of the 2008 Act and “commence” and “commenced” shall be construed accordingly;

“environmental statement” means the document certified as the environmental statement by the Secretary of State for the purposes of the Order and submitted with the application;

“European protected species” means a species listed in Schedules 2 or 5 of the Conservation of Habitats and Species Regulations 2010;

“felling” means any felling or lopping undertaken pursuant to article 15 of this Order;

“Guidance Notes” means the guidance notes in Part 4 of this Schedule;

“site” means land within the Order limits; and

“wind turbines” means the wind turbines forming part of Work No.1 and “wind turbine” shall be construed accordingly.

(2) References to Forestry Commission Wales, Environment Agency Wales and the Countryside Council for Wales include any successors to their statutory functions.

Submission and approval of details

2. Where under any requirement details or a scheme or plan are to be submitted for the approval of the relevant planning authority then unless the requirement provides otherwise:

- (a) those details or scheme or plan and that approval must be in writing;
- (b) the details, scheme or plan must be implemented as approved;
- (c) the approved details, scheme or plan shall be taken to include any amendments that may subsequently be approved in writing by the relevant planning authority, provided that no amendments may be approved by the relevant planning authority where such amendments may give rise to any materially different environmental effects to those assessed in the environment statement.

Time limits

3. The authorised development must be commenced within 5 years of the date of this Order.

Expiry of development consent

4.—(1) The development consent granted by this Order shall expire 25 years after the first export date

(2) Confirmation of the first export date shall be provided by the undertaker to the relevant planning authority within one month of its occurrence.

Decommissioning and site restoration

5.—(1) Not less than twelve months before the expiry of the development consent granted by this Order, a decommissioning and site restoration scheme shall be submitted to the relevant planning authority for its approval.

(2) The decommissioning and site restoration scheme shall include provision for:

- (a) removal of all above-ground elements of the authorised development (with the exception of any access tracks);
- (b) removal of turbine bases and cabling to one metre below ground level;
- (c) removal of the bellmouth access to the A485; and
- (d) restoration of the disturbed areas.

(3) Decommissioning and restoration shall be completed in accordance with the approved decommissioning and site restoration scheme within the period set out in the approved scheme.

Failure of turbines

6. If any wind turbine fails to provide electricity to the grid for a continuous period of 12 months the undertaker shall:

- (a) notify the relevant planning authority within one month of the expiry of that 12 month period;
- (b) if so instructed by the relevant planning authority, submit to the relevant planning within two months of that instruction a detailed scheme setting out how the wind turbine and its associated ancillary equipment, including cabling (but excluding the turbine bases more than one metre below ground level) will be removed from the Order limits and how the disturbed areas will be restored; and
- (c) implement the approved scheme no later than six months from its approval unless a longer period is agreed in writing by the relevant planning authority.

Comment [ExA4]: Proposed changes are intended to improve clarity and recognise the discrete processes in the timetable required.

Plans

7.—(1) Subject to the power to deviate set out in article 6 the authorised development shall be carried out in accordance with the approved plans submitted with the application and bearing references BFW/PLAN01/LANDPLAN and BFW/PLAN02/WORKSPLAN.

(2) No part of the authorised development unless shown on those plans shall be carried out within 50m of a watercourse.

Construction traffic management plan

8.—(1) No authorised development shall commence until a construction traffic management plan has been submitted to and approved by the relevant planning authority. The construction traffic management plan shall include—

- (a) construction vehicle routing plans;
- (b) site access plans;
- (c) the management of junctions to and crossings of the public highway and other public rights of way;
- (d) the scheduling and timing of movements, including details of delivery vehicles- in particular the details of abnormal indivisible loads;
- (e) details of escorts for abnormal indivisible loads;
- (f) proposals for temporary warning signs and banksman and escort details;
- (g) proposals for assessing the condition of the existing highway;
- (h) details of any temporary or permanent improvements to the public highway; and
- (i) proposals for the making good of any incidental damage to highways by construction traffic associated with the authorised project including street furniture, structures, drainage features, highway verge and carriageway surfaces.

(2) The construction traffic management plan shall be implemented as approved.

(3) Before any wind turbine is removed or replaced a revised construction traffic management plan, dealing with that removal or replacement, shall be submitted to and approved by the relevant planning authority.

Construction method statement

9.—(1) No authorised development shall commence until a construction method statement has been submitted to and approved by the relevant planning authority.

(2) The construction method statement shall include—

- (a) mitigation measures to avoid harm to protected species and minimise damage to Local Biodiversity Action Plan habitats;
- (b) details of the timing of construction works, including the timing of vegetation removal to avoid the potential for effects on reptiles and nesting birds;
- (c) siting and details of wheel washing facilities;
- (d) details of the timing of works and methods of working for cable trenches, foundation works and erection of the wind turbines;
- (e) details of the timing of works and construction of the substation/ control buildings and anemometry mast;
- (f) cleaning of site accesses, site tracks and the adjacent public highway and the sheeting of all heavy goods vehicles taking spoil or construction materials to/from the site to prevent spillage or deposit of any materials on the highway;
- (g) pollution control and prevention measures including –
 - (i) sediment control measures,

Comment [ExA5]: This is based on the applicant's amendment following a suggestion from EAW. It is not clear what its purpose is as amended. What part of the development is not shown on the plans?

Comment [ExA6]: Broad scope of proposed CTMP considered to encompass WG's detailed requirements.

- (ii) measures for the bunding of fuel, oil and chemical storage areas,
- (iii) sewage disposal measures,
- (iv) measures for the protection of water courses and ground water and soils,
- (v) a programme for monitoring water bodies before and during the authorised project, including details of the action to be taken if monitoring indicates adverse effects on water bodies;
- (h) disposal of surplus materials;
- (i) a construction noise management plan (including identification of access routes, locations of materials lay-down areas, details of equipment to be employed, operations to be carried out, mitigation measures and a scheme for the monitoring of noise);
- (j) the handling, storage and re-use on site of soil;
- (k) details of the design and construction methods of Work No.4 and access tracks including drainage provisions, and the pollution prevention measures to be implemented to ensure there are no polluting discharges from tracks and disturbed areas including provision to ensure that no polluting discharge from the access tracks and disturbed areas enters any watercourse;
- (l) details of the nature, type and quantity of materials to be imported on site for backfilling operations or construction of access tracks;
- (m) the management of ground and surface water (including mitigation to protect private water supplies);
- (n) the management of dust;
- (o) details of the proposed temporary site compounds for storage of materials, machinery and parking within the sites clear of the highway, including the siting of the temporary buildings and all means of enclosure, oil/ fuel and chemical storage and any proposals for temporary lighting, and details of proposals for restoration of the sites of the temporary compounds and works within 12 months of the first export date;
- (p) details of the design and construction of any culverts;
- (q) details of the method of borrow pit working including means of extraction, handling, storage and re-use of soil, drainage control and restoration; and
- (r) details of the restoration of land within the Order limits which will be temporarily used for construction;
- (s) access arrangements for the Alltwalis Wind Farm Habitat Management Plan Steering Group; and
- (t) any other measures set out in Appendix 3.1 of the environmental statement.

(3) Before any wind turbine is removed or replaced a revised construction method statement, dealing with that removal or replacement, shall be submitted to and approved by the relevant planning authority. The construction method statement shall be implemented as approved.

Highways

10. Work No.4 shall be constructed in accordance with detailed plans and drawings to be submitted to and approved by the relevant planning authority and completed prior to the delivery of any wind turbine parts to the site.

11. No authorised development shall commence until details of temporary or permanent improvements to the public highway have been submitted to and approved by the relevant planning authority. The improvement works shall be implemented in accordance with the approved details.

12. No authorised development shall commence until details of the reinstatement of the public highway and its associated street furniture following completion of the construction of the

authorised development have been submitted to and approved by the relevant planning authority. The reinstatement works shall be implemented in accordance with the approved details.

Construction hours

13. The hours of work during the construction phase of the authorised development and any traffic movements into and out of the site associated with the construction or maintenance of the authorised development shall be 0700 to 1900 hours on Mondays to Fridays and 0800 to 1300 hours on Saturdays other than as allowed for under requirement 14. No work shall take place outside these hours, or on public holidays, unless otherwise previously agreed by the relevant planning authority.

14. Notwithstanding the provisions of requirement 13, delivery of turbine and crane components may take place outside the times specified in requirement 13 subject such deliveries first being approved by the relevant planning authority.

Habitat management plan

15. —(1) No authorised development or felling shall commence until a habitat management plan has been approved by the relevant planning authority.

(2) The habitat management plan shall include measures to:

- (a) re-establish non-coniferous habitats;
- (b) enhance habitat within plantation on ancient woodland sites identified in the environment statement;
- (c) control Japanese knotweed strands identified within the site;
- (d) enhance the assemblage of bryophyte species; and
- (e) mitigate potential adverse impacts on any European protected species including-
 - (i) a comprehensive survey report which details the methods and timings of surveys to be undertaken,
 - (ii) a method statement for the works detailing the methods, timing, and phasing of works, which seeks to minimise the impacts on any European protected species present,
 - (iii) measures to mitigate detrimental impacts of the authorised development on the population of nightjars,
 - (iv) details of other mitigation measures to be provided, appropriate for the species present, including a timetable of when the mitigation will be in place,
 - (v) measures to monitor the impact of the authorised project on bats, including monitoring and mortality surveys in years 1, 2 & 5,
 - (vi) proposals for other monitoring European protected species before, during and after construction, and
 - (vii) mechanisms to initiate and direct any remedial works required; and
- (f) deal with any other matters set out in Appendix 13.10 of the environmental statement.

(3) The habitat management plan shall identify the resources needed to implement the ecology measures.

(4) The habitat management plan shall be implemented as approved.

Consultation with ecology advisory bodies

15A —(1) The undertaker shall:

- (a) before seeking approval from the relevant planning authority for any of the ecology measures, consult the ecology advisory bodies;

Comment [ExA7]: Proposed changes intended to:

•Provide detail on the habitat management plan (consistent with other plans and schemes)

•Integrate an EPS requirement into the habitat management plan

- (b) provide a copy of the approved ecology measures to the ecology advisory bodies; and
- (c) consult the ecology advisory bodies about any proposed changes to the ecology measures and keep the ecology advisory bodies informed about the programme for the construction of authorised development and the implementation of the ecology measures.

(2) In this requirement, “ecology advisory bodies” means Countryside Council for Wales, Forestry Commission for Wales and Environment Agency Wales.

(3) In this requirement and requirement 15, “ecology measures” mean the habitat management plan required by requirement 15 and the construction method statement required by requirement 9.

Access management plan

16.—(1) No authorised development shall commence until an access management plan has been submitted to and approved by the relevant planning authority. .

(2) The access management plan shall include—

- (a) details of the temporary re-routing of public rights of way during construction of the authorised development;
- (b) details of the provision of signage and other information alerting the public to construction works;
- (c) details of any fencing or barriers to be provided during the construction period
- (d) details as to how public rights of way, paths and roads will be inspected prior to and monitored during the construction period;
- (e) a commitment to return all public rights of way, paths and roads to the same condition as they were, or better, once the construction period has ceased;
- (f) details as to how any paths found to be impassable during surveying will be cleared;
- (g) details of temporary alternative routes for any public rights of way that need to be diverted;
- (h) provision of an additional bridge crossing;
- (i) details of the provision of funds for improved signage/orientation;
- (j) details as to the provision of a new way-marked route;
- (k) details as to the provision of a communications campaign linked with the end of the construction period;
- (l) details of an active management plan for crossing points for public rights of way; and
- (m) details of permissive routes to be provided within the public access management areas.

(2) The access management plan shall be implemented as approved by the relevant planning authority.

Felling

17.—(1) All felling shall be undertaken in accordance with the relevant guidance specified in paragraph (2) and Forestry Commission Wales best practice (as amended from time to time).

(2) The relevant guidance is—

- (a) The UK Forestry Standard;
- (b) UKFS Guidelines – Forests & Water (2011);
- (c) UKFS Guidelines – Forests & Soil (2011);
- (d) UKFS Guidelines – Forests & Biodiversity (2011); and
- (e) UKFS Guidelines – Forests & Historic Environment (2011).

Appearance

18. The wind turbines shall not be erected until details of their external appearance and colour and surface finish and the design and appearance of the associated external transformer / switchgear units (if any) have been submitted to and approved by the relevant planning authority. The authorised development shall be completed in accordance with the approved details.

19. Notwithstanding any design or colour approved by the relevant planning authority pursuant to requirement 18, all wind turbines shall be of a 3 bladed configuration and shall be of a semi-matt finish and shall not display any name, sign, symbol or logo on any external surfaces unless if required by law or for reasons of health and safety and previously approved in writing by the relevant planning authority.

20. All wind turbines' blades shall rotate in the same direction. The wind turbines shall not be illuminated, save for a sensor-operated access light.

21. Before construction of Work No.5, details of the external design, appearance and finish of the substation and any associated hard standing areas, and electrical compound shall be submitted to and approved by the relevant planning authority. The authorised development shall be completed in accordance with the approved details.

Shadow flicker

22. The authorised development shall not commence until a scheme for the avoidance of any shadow flicker effect at any dwelling which lawfully existed or had planning permission at the date of this Order has been submitted to and approved by the relevant planning authority. The scheme shall be implemented as approved.

TV interference

23. No authorised development shall commence until a scheme has been submitted to and approved by the relevant planning authority providing for the investigation of and remediation of any interference with television reception at any dwelling which lawfully existed or had planning permission at the date of this Order. The scheme shall be implemented as approved.

Archaeology

24.—(1) No authorised development shall commence until a scheme of archaeological investigation has been submitted to and approved by the relevant planning authority. .

(2) The scheme of archaeological investigation shall incorporate:

- (a) a walkover survey before commencement of the authorised development;
- (b) trial trenches at the sites of wind turbines W13, W17, W18, W19 and W23;
- (c) where presence of archaeological remains is established a watching brief will be undertaken during construction to record the surviving archaeological remains; and
- (d) a watching brief during construction of all other infrastructure to record any previously unknown archaeological remains that may be present.

(2) The scheme of archaeological investigation shall be implemented as approved.

Ecological clerk of works

25.—(1) No authorised development or felling shall commence until an ecological clerk of works has been appointed in consultation with the relevant planning authority.

(2) The ecological clerk of works shall be a suitably qualified environmental professional and shall be retained throughout the duration of civil construction works on site to advise on minimizing ecological effects of the construction activities.

Surface water drainage

26.—(1) No authorised development shall commence until details of the surface water drainage system (including means of pollution control) have been submitted to and approved by the relevant planning authority.

(2) The surface water drainage system shall be constructed in accordance with the approved details.

Accumulation and deposits

27.—(1) No authorised development shall commence until a written scheme for the management of any accumulations and deposits has been submitted to and approved by the relevant planning authority.

(2) The approved scheme for the management of accumulations and deposits shall be implemented before and maintained during the construction, operation and decommissioning of the authorised development.

Infra-red aviation lighting

28. No wind turbine shall be erected until, after consultation with the Ministry of Defence, details of the installation of infra-red aviation warning lights have been submitted to and approved by the relevant planning authority. The lights shall be installed in accordance with the approved details and maintained until the wind turbines are decommissioned in accordance with requirements.

Noise

29. The level of noise immissions from the combined effects of the wind turbines (including the application of any tonal penalty) when calculated in accordance with the Guidance Notes shall not exceed the values set out in Tables 1(a) and 1(b) below. Noise limits for dwellings which lawfully existed or had planning permission at the date of this Order and which are not listed in Table 1 shall be those of the physically closest location listed in Tables 1(a) and 1(b) below, unless otherwise agreed with the relevant planning authority. The coordinate locations to be used in determining the location of each of the dwellings listed in Tables 1(a) and 1(b) shall be those listed in Table 2.

Table 1(a): The $L_{A90,10min}$ dB Noise Level Between 23:00 and 07:00 hours
Between 23:00 and 07:00 - Noise level dB $L_{A90, 10-minute}$

Location	Standardised wind speed at 10 metre height (m/s)											
	1	2	3	4	5	6	7	8	9	10	11	12
Lan-Clyn-Adda	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.9	43.0	43.0	43.0
Bryngwili	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Cwm Llydan Ganol	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Cwmllydan Isaf	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Tyllwyd	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Cwmere	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Ystrad	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Gilfach Meredydd	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Cae'r-blaidd	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.3	43.0	43.0	43.0
Ffynnon-Las	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.5	43.0	43.0	43.0	43.0
Blaen-nant-gwyn	37.1	37.1	37.1	37.1	37.1	37.0	37.4	39.8	43.0	43.0	43.0	43.0
Blaen-Gwyddgrug	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.9	43.0	43.0	43.0
Gellifelen	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0

Comment [ExA8]:
Consideration being given to noise requirements including –

- Consideration being given to enforceability of noise requirements including of Guidance Notes.

- Consideration being given to amended limits (shown in Tables 1(a) and 1(b)) to reflect concerns raised about the robustness of the background data at higher wind speeds as a basis for setting individual limits given limited range of variable observations.

- Consideration being given to scheme of noise control measures to achieve compliance with noise levels.

Pen Llwydcoed	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Salach	40.8	40.8	40.8	40.8	40.8	40.8	40.9	41.1	43.0	43.0	43.0	43.0
Hafod	38.9	38.9	38.9	38.9	38.9	38.8	39.1	39.2	39.0	41.1	43.0	43.0
Tirlan	37.2	37.2	37.2	37.2	37.2	37.1	37.5	37.6	37.4	39.2	42.5	45.8
Cwmyronnen Uchaf	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Llwynteg	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.9	43.0	43.0	43.0
Lan Farm	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Blaengwen Farm	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Foel-y-ddafad-ddu	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.9	42.6	43.0	43.0
Coedlannau Fawr	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Lan-ddu	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.9	42.6	43.0	43.0
Clyn Mawr	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Cerbynau	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Bryngolau	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.9	43.0	43.0	43.0

Table 1(b): $L_{A90,10min}$ dB Noise Level at all other times (Between 07:00 and 23:00) - Noise level dB $L_{A90, 10-minute}$

Location	Standardised wind speed at 10 metre height (m/s)											
	1	2	3	4	5	6	7	8	9	10	11	12
Lan-Clyn-Adda	37.0	37.0	37.0	37.0	37.0	37.0	37.8	40.0	40.0	40.0	40.0	40.0
Bryngwili	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Cwm Llydan Ganol	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Cwmlydan Isaf	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Tyllwyd	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Cwmere	40.0	40.0	40.0	40.0	40.0	40.0	40.8	43.0	40.0	40.0	40.0	40.0
Ystrad	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Gilfach Meredydd	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Cae'r-blaidd	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Ffynnon-Las	36.0	36.0	36.0	36.0	36.0	36.0	36.6	40.0	40.0	40.0	40.0	40.0
Blaen-nant-gwyn	34.1	34.1	34.1	34.1	34.1	35.1	37.7	40.0	40.0	40.0	40.0	40.0
Blaen-Gwyddgrug	38.0	38.0	38.0	38.0	38.0	38.0	38.8	40.1	40.0	40.0	40.0	40.0
Gellifelen	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
Pen Llwydcoed	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
Salach	37.8	37.8	37.8	37.8	37.8	37.8	38.4	40.0	40.0	40.0	40.0	40.0
Hafod	35.9	35.9	35.9	35.9	35.9	35.8	36.1	37.6	40.0	40.0	40.0	40.0
Tirlan	34.2	34.2	34.2	34.2	34.2	34.1	34.5	36.0	39.1	40.7	42.4	43.0
Cwmyronnen Uchaf	40.0	40.0	40.0	40.0	40.0	40.0	40.8	40.0	40.0	40.0	40.0	40.0
Llwynteg	37.0	37.0	37.0	37.0	37.0	37.0	37.8	40.0	40.0	40.0	40.0	40.0
Lan Farm	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
Blaengwen Farm	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
Foel-y-ddafad-ddu	37.0	37.0	37.0	37.0	37.0	37.0	37.8	40.0	40.0	40.0	40.0	40.0
Coedlannau Fawr	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
Lan-ddu	37.0	37.0	37.0	37.0	37.0	37.0	37.8	40.0	40.0	40.0	40.0	40.0
Clyn Mawr	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Cerbynau	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Bryngolau	39.0	39.0	39.0	39.0	39.0	39.0	39.9	40.0	40.0	40.0	40.0	40.0

Table 2: Coordinate locations of the properties listed in Table 1

ID	Property	Easting	Northing
1	Lan-Clyn-Adda	245784	231373
2	Bryngwili	246048	229746
3	Cwm Llydan Ganol	247197	229299
4	Cwmlydan Isaf	247614	229553
5	Tyllwyd	248641	229516
6	Cwmere	245956	230398
7	Ystrad	249709	229817
8	Gilfach Meredydd	251113	232339
9	Cae'r-blaidd	251814	233437
10	Ffynnon-Las	250624	234627
11	Blaen-nant-gwyn	249241	235725
12	Blaen-Gwyddgrug	248357	235095
13	Gellifelen	247258	234424
14	Pen Llwydcoed	245672	232726
15	Salach	250594	234413
16	Hafod	251467	234527
17	Tirlan	251545	234742

18	Cwmyronnen Uchaf	246860	230486
19	Llwynteg	245365	231766
20	Lan Farm	246703	234713
21	Blaengwen Farm	246044	233876
22	Foel-y-ddafad-ddu	247835	235416
23	Coedlannau Fawr	247034	234825
24	Lan-ddu	247586	235215
25	Clyn Mawr	249920	230554
26	Cerbynau	249953	230245
27	Bryngolau	248711	235140

Note to Table 2: The geographical coordinate references are provided for the purpose of identifying the general location of dwellings to which a given set of noise limits applies.

30. Within 21 days from the receipt of a written request from the relevant planning authority and following a complaint to the relevant planning authority from the occupant of a dwelling which lawfully existed or had planning permission at the date of this Order, the undertaker shall, at its own expense, employ an independent consultant approved by the relevant planning authority to assess the level of noise immissions from the authorised development at the complainant's property following the procedures described in the Guidance Notes.

30A. The undertaker shall, if directed by the relevant planning authority, switch off any of the wind turbines in order to assess compliance with the noise limits.

31. The undertaker shall provide to the relevant planning authority the independent consultant's assessment and conclusions regarding the noise complaint, including all calculations, audio recordings and the raw data upon which those assessments and conclusions are based. Such information shall be provided within 3 months of the date of the written request of the relevant planning authority unless otherwise extended in writing by the relevant planning authority.

32. The undertaker shall continuously log wind speed wind direction at the site and power generation relating to authorised development. The undertaker shall provide all logged data to the relevant planning authority at its written request and in accordance with the Guidance Notes within 28 days of such request. All data shall be retained until the commencement of a decommission and site restoration scheme under Requirement 5.

Community liaison

33. —(1) No authorised development shall commence until a community liaison scheme has been submitted to and approved by the relevant planning authority.

(2) The community liaison scheme shall include:

- (a) details of how the undertaker will liaise with the local community to ensure residents are informed of how the construction, operation and decommissioning of the authorised development are progressing;
- (b) a mechanism for dealing with complaints from the local community during the construction, operation and decommissioning of the development; and
- (c) a nominated representative of the undertaker who will have the lead role in liaising with local residents and the relevant local planning authority.

(3) The undertaker shall comply with the approved community liaison scheme throughout the construction, operation and decommissioning of the authorised development.

Comment [ExA9]: Note that this includes a direct liaison with the community on a broad range of issues.

PART 4

NOISE GUIDANCE NOTES

These notes form part of requirements 29 – 32. They further explain these requirements and specify the methods to be employed in the assessment of complaints about noise emissions from the authorised development.

Reference to ETSU-R-97 refers to the publication entitled “The Assessment and Rating of Noise from Wind Farm” (1997) published by the Energy Technology Support Unit (ETSU) for the Department of Trade and Industry (DTI).

Note 1

- (a) Values of the $L_{A90,10min}$ noise statistic shall be measured at the complainant’s property using a sound level meter of EN 60651/BS EN 60804 Type 1, or EN 61672 Class 1 quality (or the replacement thereof) set to measure using a fast time A-weighted response as specified in BS EN 60651/BS EN 60804 or BS EN 61672-1 (or the equivalent UK adopted standard in force at the time of the measurements). This shall be calibrated in accordance with the procedure specified in BS 4142:1997 (or its replacement). These measurements shall be made in such a way that the requirements of Note 3 shall also be satisfied.
- (b) The microphone should be mounted at 1.2 - 1.5 m above ground level, fitted with a two layer windshield (or suitable alternative approved in writing from the relevant planning authority), and placed outside the complainant’s dwelling. Measurements should be made in “free-field” conditions. To achieve this, the microphone should be placed at least 3.5m away from the building facade or any reflecting surface except the ground at a location that shall be agreed with the relevant planning authority.
- (c) The $L_{A90,10min}$ measurements shall be synchronised with measurements of the 10-minute arithmetic mean average wind speed and with operational data, including power generation information for each wind turbine, from the turbine control systems of the authorised development.
- (d) The undertaker shall continuously log arithmetic mean wind speed and arithmetic mean wind direction data in 10 minute periods from the hub height anemometer located on the site permanent mast unless otherwise requested by the relevant planning authority to enable compliance with the requirements to be evaluated. The mean wind speed data shall be 'standardised' to a reference height of 10 metres as described in ETSU-R-97 at page 120 using a reference roughness length of 0.05 metres. It is this standardised 10m height wind speed data which is correlated with the noise measurements of Note 2(a) in the manner described in Note 2(c).

Note 2

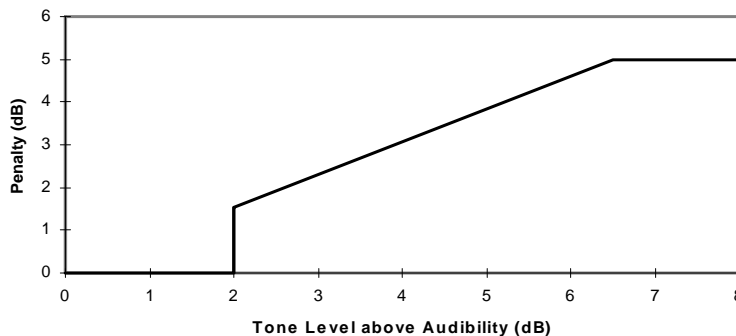
- (a) The noise measurements shall be made so as to provide not less than 20 valid data points as defined in Note 2 paragraph (b). Such measurements shall provide valid data points for the range of wind speeds, wind directions, times of day and power generation requested by the relevant planning authority. In specifying such conditions the relevant planning authority shall have regard to those conditions which were most likely to have prevailed during times when the complainant alleges there was disturbance due to noise. At its request the undertaker shall provide within 28 days of the completion of the measurements all of the data collected under requirement 31 to the relevant planning authority.
- (b) Valid data points are those that remain after all periods of rainfall have been excluded. Rainfall shall be assessed by use of a rain gauge that shall log the occurrence of rainfall in each 10 minute period concurrent with the measurement periods set out in Note 1(c) and is situated in the vicinity of the sound level meter.
- (c) A least squares, “best fit” curve of a maximum 2nd order polynomial or otherwise as may be agreed with the relevant planning authority shall be fitted between the standardised

mean wind speed (as defined in Note 1 paragraph (d)) plotted against the measured $L_{A90,10min}$ noise level. The noise level at each integer speed shall be derived from this best-fit curve.

Note 3

Where, in the opinion of the relevant planning authority, noise immissions at the location or locations where assessment measurements are being undertaken contain a tonal component, the following rating procedure shall be used—

- (a) For each 10-minute interval for which $L_{A90,10min}$ data have been obtained as provided for in Note 1, a tonal assessment shall be performed on noise immissions during 2-minutes of each 10-minute period. The 2-minute periods shall be regularly spaced at 10-minute intervals provided that uninterrupted clean data are available. Where clean data are not available, the first available uninterrupted clean 2 minute period out of the affected overall 10 minute period shall be selected. Any such deviations from standard procedure as described in Section 2.1 on pages 104 – 109 of ETSU-R-97 shall be reported.
- (b) For each of the 2-minute samples the margin above or below the audibility criterion of the tone level difference, ΔL_{tm} (Delta L_{tm}), shall be calculated by comparison with the audibility criterion given in Section 2.1 on pages 104-109 of ETSU-R-97.
- (c) The margin above audibility shall be plotted against wind speed for each of the 2-minute samples. For samples for which the tones were below the audibility criterion or no tone was identified, a value of zero audibility shall be substituted.
- (d) A linear regression shall then be performed to establish the margin above audibility at the assessed wind speed for each integer wind speed. If there is no apparent trend with wind speed then a simple arithmetic average shall be used.
- (e) The tonal penalty shall be derived from the margin above audibility of the tone according to the figure below. The rating level at each wind speed shall be calculated as the arithmetic sum of the authorised development noise level, as determined from the best-fit curve described in Note 2, and the penalty for tonal noise.



Note 4

If the authorised development noise level (including the application of any tonal penalty as per Note 3) is above the limit set out in the requirements, measurements of the influence of background noise shall be made to determine whether or not there is a breach of requirement. This may be achieved by repeating the steps in Note 1 & 2 with all of the wind turbines switched off in order to determine the background noise, L_3 , at the assessed wind speed. The wind turbine noise at this wind speed, L_1 , is then calculated as follows, where L_2 is the measured authorised development noise level at the assessed wind speed with turbines running but without the addition of any tonal penalty—

$$L_1 = 10 \log \left[10^{\frac{L_2}{10}} - 10^{\frac{L_3}{10}} \right]$$

The authorised development noise level is re-calculated by adding the tonal penalty (if any) to the authorised development noise.

SCHEDULE 2 Article 10
STREET SUBJECT TO STREET WORKS

(1) <i>Area</i>	(2) <i>Street subject to street works</i>
County of Carmarthenshire	That part of the A485 within the Order limits.

SCHEDULE 3 Article 11
STREETS TO BE TEMPORARILY STOPPED UP

(1)	(2)	(3)	(4)
<i>Area</i>	<i>Footpath to be stopped up</i>	<i>Extent of stopping up</i>	<i>New footpath to be substituted</i>
County of Carmarthenshire	13/92	Between points T1, T2, T3, T4 and T5.	Between points T1, T6, T7 and T5.
County of Carmarthenshire	13/90	Between points T8, T9 and T10.	Between points T8, T11 and T12.
County of Carmarthenshire	13/77	Between points T14, T10 and T13.	Between points T14, T15, T16, T17, T18, T19, T20, T21, T22, T23, T24 and T25.

STATUTORY INSTRUMENTS

201[X] No. []

INFRASTRUCTURE PLANNING

The Brechfa Forest West Wind Farm Order 201[X]

<i>Made</i> - - - -	201[X]
<i>Laid before Parliament</i>	201[X]
<i>Coming into force</i> - -	201[X]

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