

FIVE ESTUARIES OFFSHORE WIND FARM

SCHEDULE OF CHANGES TO THE DRAFT DEVELOPMENT CONSENT ORDER (TO REVISION D, DEADLINE 3)

N/A

N/A

N/A

N/A

Application Reference
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APFP Regulation:

Date November 2024

Project	Five Estuaries Offshore Wind Farm
Sub-Project or Package	Draft Development Consent Order
Document Title	Schedule of changes to the Draft
	Development Consent Order
Application Document Number	N/A
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Revision	Date	Status/Reason for Issue	Originator	Checked	Approved
	October 2024	Deadline 1	Burges Salmon	VE OWFL	VE OWFL
	October 2024	Change Request	Burges Salmon	VE OWFL	VE OWFL
	November 2024	Deadline 3	Burges Salmon	VE OWFL	VE OWFL

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<u>Table of Amendments to the Draft Development Consent Order – Revision D, Deadline 3</u>

Reference	eference Amendment			
Articles				
Article 8, Application and modification of legislative provisions	Paragraph (1) (f): (f) Sections 6 (grass verges etc) and 30 (unauthorised structures on seashore) of the Essex County Council Act 1987(e)	To correct the name as requested by Essex County Council		

Article 14, Temporary restriction of use of streets	Paragraph (6) (6) If a street authority fails to notify the undertaker of its decision within 5628 days of receiving an application for consent under paragraph (4), that street authority is deemed to have granted consent.	To extend the period as requested by Essex County Council
Article 16, Traffic regulation	(4) The undertaker must notify the chief officer of police and the traffic authority in whose area the road is situated of the intended date of commencement of development under this Order and the intended date of commencement of any maintenance works where the exception provision set out in paragraph (1) will apply not less than 14 days before such work are commenced. (5) On and after the date notified by the undertaker in accordance with this paragraph (4) no person is to drive any motor vehicle at a speed exceeding the limit specified in column (3) of Part 4 (speed limits) of Schedule 4 (traffic regulation) along the lengths of road identified in the corresponding row of column (2) of that Part for the period stated in the notice, which period may not not exceed 18 months from the date notified.	Minor amends for clarity
	(16) Save for any application made to National Highways, if the traffic authority fails to notify the undertaker of its decision within 5628 days of receiving an application for consent under this article, the traffic authority is deemed to have granted consent.	To extend the period as requested by Essex County Council
Article 17, Power to alter layout etc. of streets	(5) The powers conferred by paragraph (1) must not be exercised without the consent of the street authority. Paragraphs (2) and (3) do not apply where the undertaker is the street authority for a street in which the works are being carried out.	Deleted at the request of the ExA
Schedules		
	New paragraph (6)	Added in response to a query from Essex County

	Council S				
Schedule 2, part 1, table 1	deemed to have granted consent. Maximum total seabed footprint for wind turbine generators (excluding scour protection) (metres squared)	To correct typographical errors			
	Maximum total seabed footprint for offshore substation platforms (excluding scour protection) (metres squared)	33,700			
	Maximum total scour <u>protection</u> volume for offshore substation platforms foundations (metres cubed)	125,450			
Schedule 2, part 1, requirement 5	Title amended to: Onshore substation works, design ar	nd landscaping	Amended at the request of the ExA As requested by		
	Item 5(1)(f) (f) security fencing, colour and materials;				
	(2) The details submitted under sub-paragraph (1) of this requirement must be in accordance with requirement 6 (detailed design parameters onshore) sub-paragraph (3) and substantially in accordance with the onshore substation design principles document.				
	(3) Work No. 15B must be carried out in accordance wit (4) Work No. 15B must be carried out in accordance with sub-paragraph (2).				
	As requested by Essex County Council				

	The landscaping of Work No.15 must be maintained throughout the operation of Work No.15B.	
Requirement 12, Protected species onshore	Deletion of sub-paragraph (6): (6) In this paragraph, "nationally protected species" means any species protected under the Wildlife and Countryside Act 1981.	This is already provided for in the foregoing subparagraphs
Requirement 13, Ground water monitoring	(7)(6) (1) The undertaker must prepare and submit to the relevant planning authority for approval a scheme of investigation of hydraulic connectivity of groundwater supplying private water supplies. The undertaker shall implement the approved scheme.	Duplication with sub-paragraph (2)
Requirement 14, Restoration of land used temporarily for construction	Subject to requirement 19(4), Aany land which is used temporarily for construction of the onshore works and not ultimately incorporated in permanent works or approved landscaping, must be reinstated within twelve months of completion of the relevant stage of the onshore works or such other time period as may be agreed in writing with the relevant planning authority.	To increase clarity and to reflect part of working suggested by Essex County Council

Requirement 16, Skills and employment strategy	and employment strategy has been submitted to and approved by the relevant	To increase clarity that this is a single plan.
Requirement 17, Onshore build	The onshore works must not commence, nor powers of compulsory acquisition under Part 5 of this Order be exercised until notification has been submitted to the relevant planning authority as to whether the undertaker intends to commence onshore build option 1 or onshore build option 2	In response to submissions by the Applicant.
	No stage of the onshore works may Work No. 15 may not commence until a net gain strategy in relation to that stage has been submitted to and approved by the relevant planning authority.	To try and resolve any confusion as to the approach to BNG by prevent building of the permanent elements at the OnSS rather than stages.
Onshore	22.—(1) A written scheme of decommissioning for the onshore works must be submitted to and approved by the relevant planning authority at least not less than six months prior to any decommissioning works commencing.	To increase clarity
Schedule 2, part 2, sub-paragraph 5(2)	All of sub-paragraph (2) has been deleted.	As requested by Essex County Council
sub-paragraph 6(11)	(11) If an approval is given by the appointed person pursuant to this paragraph, it is to be deemed to be an approval for the purpose of Part 1 of Schedule 2 (requirements) as if it had been given by the relevant planning authority. The relevant planning authority may confirm any determination given by the appointed person in identical form in writing but a failure to give such confirmation (or a failure to give it in identical form) is not to be taken to affect or invalidate the effect of the appointed person's determination.	Deleted at the request of the ExA

Schedule 3, Streets subject to street works	Access track between Manor Farm and Short Lane	Between points labelled AI and AJ on sheets 3 and 4	To correct an omission
Schedule 10, part 2, condition 19	Any monitoring report comconditions 16, 17 and 18 months following receipt brelates, unless otherwise a		
Schedule 11, part 2, condition 20	conditions 17, 18 and 19 months following receipt b	npiled in accordance with the monitoring plans provided undermust be provided to the relevant bodyMMO no later than four the undertaker of the results of monitoring to which it relates with the relevant bodyMMO in writing.	r MMO

<u>Table of Amendments to the Draft Development Consent Order – Change Request</u>

Reference	Amendment	Reason	
Articles			
Article 38, Trees subject to tree preservation orders	Subject to pa the roots of any provided in Sch	As TPO'd trees which may need to be lopped have been identified	
process values is ordered	The undertake limits that is sub 1 (trees subject which was mad believes it to be		
Schedule 4, Traffic regulation	Part 2, Rights o	f way to be temporarily closed or restricted	This Prow has always been in 2 parts but was
	FP8 179	Between points Mw to Mx and My to Mz as shown on sheets 10 and 11 of the temporary closure of public rights of way plan	inaccurately shown on previous versions, this change corrects that
	Part 4, Speed li	mits	To add the additional speed limits forming part of the change request and
	(1) Area	(2) Road name, number (3) Speed Limit and length	to correct a typographic error

District of Tendring	B1033 (Thorpe Road / Frinton Road) for a distance of 1.4 kilometres shown with a dashed line on sheet 1 on the Temporary Speed Reduction Plans	40 miles per hour
District of Tendring	Golden Lane for a distance of 0.9 kilometres shown with a dashed line on sheet 2 of the Temporary Speed Reduction Plans	40 miles per hour
District of Tendring	B1035 Thorpe Road/Tendring Road/Swan Road for a distance of 0.7 kilometres shown with a dashed line on sheet 1 of the Temporary Speed Reduction Plans	30 miles per hour
District of Tendring	B1035 (Clacton Road) for a distance of 0.5 kilometres as shown with a dashed line on sheet 4 on the Temporary Speed Reduction Plans	40 miles per hour

	District of Tendring District of Tendring	Bentley Road, for a distance of 1.6 kilometres shown with a dashed line on sheets 6 of the Temporary Speed Reduction Plans Ardleigh Road, for a distance of 1.2 kilometres shown with a dashed line on sheet 7 of the Temporary Speed Reduction Plans	40 miles per hour 30 miles per hour	
Schedule 5, access to works	AC13 From ar access on shee	To add the additional access forming part of the change request		
Schedules 6 and 7	Addition of plot 02-001A, 022, 20-002, 20-004	deletion of plots 13-021, 13-	024, 14-002, 09-021, 09-	To reflect changes arising from the change request
Schedule 12, new part 1	In the District of Tendring	As TPO'd trees which may need to be lopped have been identified		
	(1) Tree preservation Order reference			

Schedule 12, Part 2	23/00005/TPO Stones Green Lane, Tendring 21/00009/TPO Welhams Farm, Bentley Road, Little Bentley Grid coordinates have been updated as follows:			encroached	T.4, T.5, comprising	To reflect changes arising from the change request	
	(1) Grid coordinates		(2) Identifier as shown on the hedgerow and protected tree plan	(3) Grid coord	dinates	(4) Identifier as shown on the hedgerow and protected tree plan	
	Easting	Northing	1 2 2 7 2 2	Easting	Northing	, ,	
	6113 <u>3</u> 6 2 . 95 <u>37</u>	2266 7 341.5 890	53a	611282.42	226578.51	53b	
Schedule 1 Offshore	Numerous ch	anges to the o	co-ordinates	listed in the t	able		To reflect changes arising
co-ordinate	Tamerous on				4010		from the change request

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<u>Table of Amendments to the Draft Development Consent Order – Deadline 1</u>

Reference	Amendment	Reason
Articles		
Preamble	The Secretary of State, in exercise of the powers conferred by sections [114, 115, 120-and, 132, 140 and 149A and schedule 5] to the 2008 Act, makes the following Order:	To properly reflect the contents of the dDCO.
Article 2, interpretations	"address" includes any number or address used for the purposes of electronic transmission;	Change made at the request of the ExA
	New definition inserted: "2016 regulations" means the Environmental Permitting (England and Wales) Regulations 2016; (1) S.I. 2016/1154.	Change made at the request of the ExA

"cable protection" means physical measures to protect for the protection of cables from physical damage including but not limited to concrete mattresses, with or without frond devices split pipe system, and/or rock placement, the use of bagged solutions filled with grout or other materials, and protective aprons or coverings, mattresses, flow energy dissipation devices and rock and gravel burial (including material used for cable crossings);	To more precisely reflect the project description
"foundation" means any of a monopile, multi-leg pin-piled jacket, mono suction caisson, multi-leg suction caisson jacket, mono gravity based system or multi-leg gravity based system jacket;	To reflect the removal of gravity base foundation types as an option
"gravity base foundation" means a structure principally of steel, concrete, or steel and concrete with a base which rests on the seabed either due to its own weight with or without added ballast or additional skirts and associated equipment including scour protection, J-tubes, corrosion protection systems and access platforms and equipment;	
"HVAC" means high voltage alternating current; "HVDC" means high voltage direct current;	Deletion of definitions not used in the dDCO
"m" means metres, "m ² " means square metres and m ³ means cubic metres;	Change made at the request of the ExA
"mean low water springs" or "MLWS" means the <u>lowest level which spring</u> <u>tides reach on</u> average height of all low waters above Chart Datum <u>over a period of time;</u>	To improve accuracy

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	New definition inserted: "National Highways" means National Highways Limited (company number 09346363) whose registered office is Bridge House, 1 Walnut Tree Close, Guildford, Surrey GU1 4LZ or any such successor or replacement body that may from time to time be primarily responsible for the functions, duties and responsibilities currently exercised by that statutory body;	Definition added following a request for it from National Highways
	"requirements" means, or a reference to a numbered requirement is a reference to, those matters set out in Schedule 2 (requirements) to this Order;	To better align with the draft North Falls DCO
	New definition inserted: "stage" for the purposes of the requirements means the phase of Works, being the Works to be carried out at the same time as set out in the order in which all of the Works are planned to be undertaken:	Change made at the request of the ExA
Article 7, Benefit of the Order	all of the Works are planned to be undertaken; In paragraph (2) (b) (a) 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 (excluding the deemed marine licences referred to in paragraph (3) below) and such related statutory rights as may be so agreed;	Change made in response to the MMO relevant representation requesting amendment
	In paragraph (3)(b) (b) Where an agreement has been made in accordance with paragraph (2)(b), granttransfer to the lessee for the duration of the period mentioned in paragraph (2)(b), the whole of any of the deemed marine licences and such related statutory rights as may be so agreed.	amendment

	New sub- paragraphs (9) and (10 inserted (9) Prior to any transfer or grant under this article taking effect, whether or not the consent of the Secretary of State is required, the undertaker must give notice in writing to the Secretary of State, and if such transfer or grant relates to the exercise of powers in their area, to the MMO and the relevant planning authority. (10) The notices required under paragraphs (5) and (9) must— (a) state— (i) the name and contact details of the person to whom the benefit of the provisions will be transferred or granted; (ii) subject to paragraph (11), the date on which the transfer will take effect; (iii) the provisions to be transferred or granted; and (iv) the restrictions, liabilities and obligations that, in accordance with paragraph (7)(c), will apply to the person exercising the powers transferred or granted. (b) be accompanied by where relevant, a plan showing the works or areas to which the transfer or grant relates.	Change made in response to the MMO relevant representation requesting amendment
Article 8, Application and modification of legislative provisions		changes made

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	use of land for carrying out the authorised development) and 31 (temporary use of land for carrying out the authorised development) and 32 (temporary use of land for maintaining the authorised development) of this Order;	
	Insert new item (i) sections 28E (duties in relation to sites of special scientific interest) and 28H (Statutory undertakers, etc.: duty in relation to carrying out operations) of the Wildlife and Countryside Act 1981 (1). (1) 1981 c.69.	To allow for operations to be undertaken in the SSSI should hydraulic facture break out of drilling materials occur
Article 9, Defence to proceedings in respect of statutory nuisance	In paragraph (2) (a) relates to premises used by the undertaker for the purposes of or in connection with the construction, maintenance or decommissioning of the authorised development that the nuisance and is attributable to the carrying out of the authorised development in accordance with a notice served under section 60 (control of noise on construction sites), or a consent given under section 61 (prior consent for work on construction sites), of the Control of Pollution Act 1974(); or (b) is a consequence of the construction or maintenance or decommissioning of the authorised development and cannot reasonably be avoided; or	
	In paragraph (3)	
	(8)(11) Section 61(9) (consent for work on construction site) of the Control of Pollution Act 1974() does not apply where the consent relates to the use of premises by the undertaker for the purposes of or in connection with the	

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	construction—or, maintenance or decommissioning of the authorised development.	
Article 16, Traffic regulation	26. The traffic regulation orders listed in column 3 of Part 3 (traffic regulation orders not applicable to the undertaker) of Schedule 4 (traffic regulation) will not apply to any vehicle being used for Subject to the provisions of this article, the undertaker may, in so far as may be expedient or necessary for the purposes of or in connection with, or in consequence of, the construction or maintenance of the authorised development.	To more precisely set out the power and to better align with the draft North Falls DCO
	 (2) permit, prohibit or restrict the stopping, parking, waiting, loading or unloading of vehicles on any road; (3) make provision as to the direction or priority of vehicular traffic on any road; (4) permit, prohibit or restrict the use of any road; 	
	 (5) permit, prohibit or restrict vehicular access to any road; (6) place traffic signs and signals in the extents of the road specified in column (2) of Part 1 (streets to be temporarily closed or restricted), column (2) of Part 2 (public rights of way to be temporarily close or restricted) and column (3) of Part 3 (speed limits) of Schedule 4 (traffic regulation), and the placing of those traffic signs and signals is deemed to have been permitted by the traffic authority for 	
	the purposes of section 65 of the 1984 Act and the Traffic Signs Regulations and General Directions 2016(2). (20) No speed limit imposed by or under this Order applies to vehicles falling within regulation 3(4) of the Road Traffic Exemptions (Special Forces) (Variation and Amendment) Regulations 2011(b) when in accordance with regulation 3(5) of those regulations.	

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Article 17, Power to alter layout etc. of	New article inserted:	To better align with the draft North Falls DCO
streets	17.—(1) Subject to paragraphs (2) and (3), the undertaker may, in so far as may	
	be expedient or necessary for the purposes of or in connection with constructing,	
	operating or maintaining the authorised development alter the layout of any street	
	and, without limitation on the scope of this paragraph, the undertaker may—	
	(2) alter the level or increase the width of the street including any kerb, footway, cycle track or verge; and	
	(3) make and maintain passing place(s).	
	(4) The undertaker must restore any street that has been temporarily altered under this article to the reasonable satisfaction of the street authority.	
	(5) The powers conferred by paragraph (1) must not be exercised without the	
	consent of the street authority. Paragraphs (2) and (3) do not apply where the	
	undertaker is the street authority for a street in which the works are being carried out.	
	out.	
Article 19, Authority to survey and investigate the land	19. The undertaker may for the purposes of this Order enter on any land above MLWS shown within the Order limits or which may be affected by the authorised development and—	
	(b) survey or investigate the land;	To better align with the
	(c) without prejudice to the generality of sub-paragraph (a), make trial holes in such positions on the land as the undertaker thinks fit to investigate the nature of the surface layer and, subsoil and groundwater, and remove soil and groundwater samples;	draft North Falls DCO

	(d) without prejudice to the generality of sub-paragraph (a), carry out ecological or archaeological investigations on such land; and	
	(e) place on, leave on and remove from the land apparatus for use in connection with the survey and investigation of land and making of trial holes, bore holes or trenches.	
	(4) No trial holes, bore holes or trenches are to be made under this article—	
Article 29, Modification of Part 1 of the 1965 Act	In (5)(b):	To improve accuracy
	30. In this Schedule, references to entering on and taking possession of land do not include doing so under article 19 (<u>authority to survey and investigate the land</u>), <u>article 20 (protective work to buildings)</u> , article <u>3031</u> (temporary use of land for carrying out the authorised development) or article <u>3132</u> (temporary use of land for maintaining the authorised development) of the Five Estuaries Offshore Wind Farm Order 202[•] .	
Article 32, Temporary use of land for maintaining the authorised	(11) In this article "the maintenance period", in relation to any part of the authorised development means the period during which the authorised development exports electricity to the national electricity transmission network is in operation after construction and commissioning is complete.	
Schedule 1, Authorised development	20.Work No. 4A — not used	Change made at the request of the ExA
	Work No. 4B4A —Construction of a temporary construction compound and laydown area (Beach Works TCC), improvement and use of existing access routes including creation of construction access to Work Nos. 3, 4, and 5, works	

	to junctions and visibility splays, temporary constru- laydown area.	iction working areas and	
	Work No.13A — Works to permanently widen and improve the junction at Bentley Road and the A120, including removal of street furniture, central reservation barriers and provision of merger lane taper, drainage works including creation of new highway drainage and works of improvement to drainage, creation and improvement of connections to existing drains and watercourses; creation and use of a temporary construction compound and working areas.		has been agreed with National Highways that
	Work No 15B — Construction of electrical substation in (a)(b) creation of a platform or foundations;	Foundation is defined as the wind turbine foundation so the term has been deleted here	
Schedule 2, Requirements	PART 1 Requirements		To secure the reduction in the maximum tip height agreed with the Ministry of Defence as necessary to
	Parameter	Value	prevent an adverse radar
	Maximum number of wind turbine generators	79	impact;
	Maximum total rotor swept area (metres squared)	4,194,340	and
	Maximum height of wind turbine generators when measured from LAT to the tip of the vertical blade (metres)	399 370	to secure the removal or gravity base foundation types as an option with resultant reduction in seabed footprints.
	Maximum rotor diameter of each wind turbine generator (metres)	360 <u>340</u>	

generators (including scour protection) (metres squared)		
(in all directions measured from the centre point of each wind turbine generator) (metres) Maximum pile diameter of single pile structures (metres) Maximum pile diameter of three pile structures (metres) Maximum pile diameter of four pile structures (metres) Maximum pile diameter of four pile structures (metres) Maximum total seabed footprint for wind turbine generators (excluding scour protection) (metres squared) Maximum total seabed footprint for wind turbine generators (including scour protection) (metres squared) Maximum total seabed footprint for wind turbine generators (including scour protection) (metres squared) Maximum total scour volume for wind turbine generator foundations (metres cubed) Maximum total length of inter-array cables (kilometres) Maximum inter-array cable protection area (metres squared) Maximum inter-array cable protection volume (metres 187,600 cubed) Maximum number of offshore substations	the rotating blade for each wind turbine generator	28
(metres) 4 Maximum pile diameter of three pile structures (metres) 3.5 Maximum pile diameter of four pile structures (metres) 3.5 Maximum total seabed footprint for wind turbine generators (excluding scour protection) (metres squared) 298,400992,274 Maximum total seabed footprint for wind turbine generators (including scour protection) (metres squared) 1,313,537834,89 Maximum total scour volume for wind turbine generator foundations (metres cubed) 2,109,3001,248,6 Maximum total length of inter-array cables (kilometres) 200 Maximum inter-array cable protection area (metres squared) 321,600 Maximum inter-array cable protection volume (metres cubed) 187,600 Maximum number of offshore substations 2	(in all directions measured from the centre point of	830
(metres)3.5Maximum pile diameter of four pile structures (metres)3.5Maximum total seabed footprint for wind turbine generators (excluding scour protection) (metres squared)298,400992,274Maximum total seabed footprint for wind turbine generators (including scour protection) (metres squared)1,313,537834,89Maximum total scour volume for wind turbine generator foundations (metres cubed)2,109,3001,248,89Maximum total length of inter-array cables (kilometres)200Maximum inter-array cable protection area (metres squared)321,600Maximum inter-array cable protection volume (metres cubed)187,600Maximum inter-array cable protection volume (metres cubed)187,600Maximum number of offshore substations2		15
(metres) Maximum total seabed footprint for wind turbine generators (excluding scour protection) (metres squared) Maximum total seabed footprint for wind turbine generators (including scour protection) (metres squared) Maximum total scour volume for wind turbine generator foundations (metres cubed) Maximum total length of inter-array cables (kilometres) Maximum inter-array cable protection area (metres squared) Maximum inter-array cable protection volume (metres cubed) Maximum inter-array cable protection volume (metres cubed) Maximum inter-array cable protection volume (metres cubed)	· ·	4
generators (excluding scour protection) (metres squared) Maximum total seabed footprint for wind turbine generators (including scour protection) (metres squared) Maximum total scour volume for wind turbine generator foundations (metres cubed) Maximum total length of inter-array cables (kilometres) Maximum inter-array cable protection area (metres squared) Maximum inter-array cable protection volume (metres cubed) Maximum inter-array cable protection volume (metres cubed) Maximum inter-array cable protection volume (metres cubed)	·	3.5
generators (including scour protection) (metres squared) Maximum total scour volume for wind turbine generator foundations (metres cubed) Maximum total length of inter-array cables (kilometres) Maximum inter-array cable protection area (metres squared) Maximum inter-array cable protection volume (metres cubed) Maximum inter-array cable protection volume (metres cubed) Maximum number of offshore substations	generators (excluding scour protection) (metres	298,400 <u>992,274</u>
generator foundations (metres cubed) Maximum total length of inter-array cables (kilometres) Maximum inter-array cable protection area (metres squared) Maximum inter-array cable protection volume (metres cubed) Maximum number of offshore substations 2	generators (including scour protection) (metres	1,313,537 <u>834,89</u> 6
(kilometres)321,600Maximum inter-array cable protection area (metres squared)321,600Maximum inter-array cable protection volume (metres cubed)187,600Maximum number of offshore substations2		2,109,300 <u>1,248,8</u> 50
squared) Maximum inter-array cable protection volume (metres cubed) Maximum number of offshore substations 2		200
cubed) Maximum number of offshore substations 2		321,600
	, , , , , , , , , , , , , , , , , , , ,	187,600
		2

Height when measured from LAT (excluding towers, helipads, mast and cranes) (metres)	105 125	
Length (metres)	100	
Topside area (metres squared)		
Maximum total seabed footprint for offshore substation platforms (excluding scour protection) (metres squared)	14,00033,700	
Maximum total seabed footprint for offshore substation platform foundations (including scour protection) (metres squared)	81,656 - <u>72,985</u>	
Maximum total scour volume for offshore substation platforms foundations (metres cubed)	148,100125,450	
Maximum total length of export cables (kilometres)	196	
Maximum export cable protection area (metres squared)	178,304	
Maximum export cable protection volume (metres cubed)	129,691	
In paragraph 5		Changes made at the request of the ExA and to
Substation Onshore substation works		improve accuracy
Construction of Work No. 15B (the <u>onshore</u> electrical sucommence until details of—	ibstation) must not	

Detailed design parameters onshore

The onshore works must not exceed the parameters set out in sub-paragraph (2).

- (4) In relation to Work No. 15B (the onshore electrical substation)
 - (b) the highest part of any building, any external electrical equipment or enclosure, excluding lightning rods, must not exceed 15m 15metres above:
 - (c) the total area of the fenced compound (excluding its accesses) must not exceed 58,800 metres squared 58,800m2; and
 - (d) the lightning rods within the fenced compound area must not exceed a height of 18 metres 18m above Ordnance Datum;

Provision of landscaping

- (5) Work No. 15B must not be commenced until a written landscaping scheme and associated work programme in accordance with the outline landscape and ecology management plan for Work No. 15 has been submitted to and approved by the relevant planning authority.
- (6) The written landscaping scheme to be submitted under sub-paragraph (5) must include details of all proposed hard and soft landscaping works including—
 - (a) location, number, species, size and planting density of any proposed planting including any trees; and
 - (b) implementation timetables for all landscaping works within Work No.15.
- (7) The landscaping of Work No.15 must be carried out in accordance with the details approved details under sub-paragraph (5).

Detailed design parameters onshore 6. The onshore works must not exceed the parameters set out in sub-paragraph 1(1).	
Paragraph 10(2) (2) The onshore works must be carried out in accordance with the approved details archaeological written scheme(s) of investigation.	To improve accuracy
European protected Protected species onshore In paragraph 14 sub-paragraph (2) (2) The scheme approved under sub-paragraph (1) must be implemented as approved.	Change made at the request of the ExA
In paragraph 15 Any land landward of MLWS within the Order limits which is used temporarily for construction of the onshore works and not ultimately incorporated in	The requirement is already limited to the 'onshore works'

	permanent works or approved landscaping must be reinstated within twelve months of completion of the relevant stage of the onshore works.	
	In paragraph 16 The noise rating level for the standard operation of Work No. 15B (the onshore electrical substation) must not exceed;	Change made at the request of the ExA
	In paragraph 18	Change made as the LPA has not role in controlling use of compulsory powers
	Subject to paragraph (2), the undertaker may commence, or exercise powers of compulsory acquisition under Part 5 of this Order in relation to only: (a) build option 1; or (b) build option 2.	
Schedule 2	New Part 2 created with content of former schedule 13	Change made at the request of the ExA
	In paragraph 5(4)	
	(4) In relation to Work No. 15B (the onshore electrical substation) —	
	(a) the highest part of any building, any external electrical equipment or enclosure, excluding lightning rods, must not exceed 15 metres above finished ground level (50.775 metres Ordnance Datum;);	
	(b) the total area of the fenced compound (excluding its accesses) must not exceed 58,800 metres squared; and	
	(c) the lightning rods within the fenced compound area must not exceed a height of 18 metres above <u>finished ground level (53.775 metres</u> Ordnance Datum;);	
Schedule 7	SCHEDULE 1 Article 2324	To better align with the draft North Falls DCO

- (a) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the "cables"), and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, readsexisting infrastructure, highways and railways;
- (b) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the additional ducts for electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, allow the installation and use of electrical cables in the additional ducts, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the "cables"), and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, watercourses, readsexisting infrastructure, highways and railways;
- (d) pass and re-pass with or without vehicles, plant, machinery, apparatus, equipment and materials for the purposes of laying down, installing, adjusting, altering, constructing, using, maintaining, repairing, renewing,

upgrading, inspecting, removing and replacing the electrical infrastructure and cables; including the right to use, maintain, renew improve and alter existing accesses, roads, streets, tracks or ways over the land, providing that such use is not exclusive and exercise of this right must not prevent or unreasonably inhibit use by other parties;

- (k) effect access and egress to and from the highway;
- (I) alter, fell, lop or cut, coppice wood, uproot, replant trees or, hedges or, shrubs or other vegetation which now or hereafter may be standing on the Land or other land which would if not felled, lopped, cut or removed would obstruct or interfere with the operation of the cables and ancillary equipment including ducting;
- (m) to take and use, remove and discharge water from the Land, and to lay down, install, retain, use, maintain, inspect, adjust, alter, remove, refurbish, reconstruct, upgrade, replace, protect and improve sewers, drains, pipes, ducts, mains, conduits, flues and to drain into and manage waterflows in any drains, watercourses and culverts, install, retain, use, inspect, maintain, adjust, alter, renew, repair, test or cleanse drainage schemes on the Land or reinstate the any existing drainage scheme on the Land;
- (v) lay out and maintain temporary paths and bridleways for public use as temporary diversions for public rights of way which are interfered with during any period in which construction, maintenance, repair or renewal decommissioning is being carried out; and
- (a) prevent anything to be done in or upon the Land or any part thereof for the purpose of the erection of any buildings or construction erection or works

To better align with the draft North Falls DCO

- of any kind (including the foundations base, substructure or footings thereto);
- (g) to prevent any activity which would in the reasonable opinion of the undertaker result in the disturbance of ecological mitigation areas or areas of habitat creation or reinstatement including any ploughing or grazing without the prior written consent of the undertaker.
- (h) lay down, install, retain, adjust, alter, construct, operate, erect, use, maintain, repair, renew, upgrade, inspect, remove and replace the electricity cables (including the removal of materials including spoil) in, under, over and/or on the Land, together with such telemetry and fibre-optic lines, ducting, jointing bays and other apparatus, protection measures, cable marker posts, chambers and manholes, manhole covers and other equipment which is ancillary to the purposes of transmitting electricity along such electricity cables (all collectively referred to as the "cables"), and in doing so, to use or resort to trenchless installation techniques including (but not limited to) directional drilling beneath sea defences, existing infrastructure, watercourses, roadshighways and railways;
- (e) pass and re-pass with or without vehicles, plant, machinery, apparatus, equipment and materials for the purposes of laying down, installing, adjusting, altering, constructing, using, maintaining, repairing, renewing, upgrading, inspecting, removing and replacing ducting, electrical infrastructure and the cables; including the right to use, maintain, renew improve and alter existing accesses, roads, streets, tracks or ways over the land, providing that such use is not exclusive and exercise of this right must not prevent or unreasonably inhibit use by other parties;

(v) lay out and maintain temporary paths and bridleways for public use as temporary diversions for public rights of way which are interfered with during any period in which construction, maintenance, repair or renewal decommissioning is being carried out; and Foundation is defined as (a) prevent anything to be done in or upon the Land or any part thereof for the the wind turbine purpose of the erection of any buildings or construction erection or works foundation so the term has of any kind (including the foundations bases, substructures or footings been deleted here thereto): (e) to prevent any activity which would in the reasonable opinion of the undertaker result in the disturbance of ecological mitigation areas or areas of habitat creation or reinstatement, including any ploughing or grazing without the prior written consent of the undertaker. To better align with the (a) pass and re-pass with or without vehicles, plant, machinery, apparatus, draft North Falls DCO equipment and materials for the purposes of the WorksAuthorised Development, the inspection, testing, maintenance, renewal, upgrading, replacement and removal of the cables and connection into any adjacent cables and associated works, to take plant and equipment on to adjoining land and make such investigations in or on the Land which is ancillary for the purposes of exercise of the rights: (h) repair, improve, renew, remove, relocate and plant trees, woodland, shrubs, hedgerows, seeding, other vegetation and other ecological measures together with the right to maintain, inspect and replant such trees, shrubs and landscaping; (j) lay out and maintain temporary paths and bridleways for public use as

temporary diversions for public rights of way which are interfered with

during any period in which construction, maintenance, repair or renewal decommissioning is being carried out.
(a) prevent anything to be done in or upon the Land or any part thereof for the purpose of the erection of any buildings or construction erection or works of any kind (including the foundations substructures or footings thereto) without the prior written consent of the undertaker;
 (b) remove and discharge water from the Land and to <u>lay down</u> install, retain, use, maintain, inspect, alter, remove, refurbish, reconstruct, <u>upgrade</u>, replace, protect and improve sewers, drains, pipes, ducts, mains, conduits, flues and to drain into and manage waterflows in any drains, watercourses and culverts, to lay down, install, adjust, alter, construct, create, use, maintain, repair, renew, upgrade, inspect, remove and replace a drainage scheme on the Land (the "drainage works"); (k) effect access <u>and egress</u> to <u>and from</u> the highway;
(b) construction erection or works of any kind (including the foundations substructures or footings thereto); and Foundation is defined as the wind turbine foundation so the term have been deleted here
 (a) prevent anything to be done in or upon the Land or any part thereof for the purpose of the erection of any buildings or construction erection or works of any kind (including the foundations substructures or footings thereto);

Provisions, throughout	(a) prevent anything to be done in or upon the Land or any part thereof for the purpose of the erection of any buildings or construction erection or works of any kind (including the foundations substructures or footings thereto); 'Shall' has been replaced throughout	To delete use of 'shall'
Schedule 10, Deemed marine licence – Generation Assets, Part 1, Licensed marine activities		and Natural England;

"Defra" means the Department for Environment, Food and Rural Affairs;

JNCC Guidance" means the statutory nature conservation body 'Guidance for assessing the significance of noise disturbance against Conservation Objectives of harbour porpoise SACs' Joint Nature Conservation Committee Report No.654, May 2020 published in June 2020 as amended, updated or superseded;

"Kingfisher Information Service" means the information service from non-departmental government body Seafish to be contacted at kingfisher@seafish.co.uk;

"lighting and marking plan" means the lighting and marking plan to be submitted to the MMO under condition 12 of this licence:

"Marine Management Organisation" or "MMO" means the Marine Management Organisation, Lancaster House, Hampshire Court, Newcastle upon Tyne, NE4 7YH who is the body created under the 2009 Act and who is responsible for the monitoring and enforcement of this licence;

"MCMS" means the Marine Case Management System web portal provided and operated by the MMO;

"monopile gravity base structures" means a structure principally of steel, concrete, or steel and concrete with a base which tapers as it rises which rests on the seabed due to its own weight with or without added ballast or additional skirts and associated equipment including J-tubes (or equivalent structures), corrosion protection systems and access platform(s) and equipment;

"mono suction caisson foundation" means a steel cylindrical structure which partially or fully penetrates the seabed and remains in place using its own weight and hydrostatic pressure differential, and may include additional equipment such as J-tubes;

"multi-leg gravity base structure jacket" means a jacket type structure which rests on the seabed due to its own weight with or without added ballast or additional skirts which will have one or more bases to which the jacket structure is attached:

(6) Unless otherwise advised in writing by the MMO, the Marine Case Management System ("MCMS")— must be used for all licence returns or applications to vary this licence. The MCMS address is: https://marinelicensing.marinemanagement.org.uk/.

Work No.1-

(a) an offshore wind turbine generating station with a gross electrical output of over 100 megawatts comprising up to 79 wind turbine generators each fixed to the seabed by one of monopile foundations or mono suction caisson foundations, or pin-piled jacket foundations, or suction caisson jacket foundations, monopile gravity base structure foundations, multi-leg gravity base structure jacket foundations;

Schedule 10, Part 2 Conditions	 In paragraph 1(2) (a) exceed a height of 399370 metres when measured from LAT to the tip of the vertical blade; (b) exceed a rotor diameter of 360340 metres; 	To secure the reduction in the maximum tip height agreed with the Ministry of Defence as necessary to prevent an adverse radar impact;
	In paragraph (4) (a) monopile foundations;	and
	 (b) mono suction caisson foundations; (c) monopile gravity base structure foundations; (d)(c) pin-piled jacket foundations; (e) suction caisson jacket foundations; or (f)(d) multi-leg gravity base structure jacket foundations. 	to secure the removal of gravity base foundation types as an option.
	In paragraph (6) and (7) (6) The total seabed footprint area for wind turbine generator foundations must not exceed— (b) 284,40099,274 square metres excluding scour protection; and (c) 1,313,537834,896 square metres including scour protection. (7) The total volume of scour protection material for wind turbine generator foundations must not exceed 2,109,3001,248,850 cubic metres.	
	In paragraph 3, sub-paragraph (3)	To delete use of 'shall'

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An operation and maintenance plan substantially in accordance with the outline offshore operations and maintenance plan shallmust be submitted to the MMO for approval in consultation with the relevant SNCB at least six months prior to the commencement of the operation of the licensed activities. All operation and maintenance activities shallmust be carried out in accordance with the approved plan.	
(8) The undertaker must inform the Kingfisher Information Service of Seafish details regarding the vessel routes, timings and locations relating to the construction of the authorised development or relevant stage—	
In paragraph 6, sub-paragraph 8 and new sub-paragraph 16 (8) The undertaker must inform the Kingfisher Information Service of Seafish details regarding the vessel routes, timings and locations relating to the construction of the authorised development or relevant stage— (b) at least fourteen days prior to the commencement of offshore activities, for inclusion in the Kingfisher Fortnightly Bulletin and offshore hazard awareness data; and	MMO
(16) Should the undertaker become aware that any of the information on which the granting of this licence was based was materially false or misleading, the undertaker must notify the MMO of this fact in writing as soon as is reasonably practicable. The undertaker must explain in writing what information was material false or misleading and must provide to the MMO the correct information.	
In paragraph 7, sub-paragraph (3) and (4) (3) The undertaker must provide reports to Trinity House on the availability of aids to navigation in accordance with the frequencies set out in the lighting and	

markingaid to navigation management plan agreed pursuant to condition 12(1)(i) using the reporting system provided by Trinity House. (4) In the event that the provisions of condition 76(12) or 6(13) are invoked, the undertaker must lay down such buoys, exhibit such lights and take such other steps for preventing danger to navigation as directed by Trinity House.	•
The undertaker must ensure that any coatings and/or treatments are suitable	
removed from the seabed at the undertaker's expense if reasonable to do so. In paragraph 12(1) (g) a lighting and markingan aids to navigation management plan to be agreed in writing by the MMO following consultation with Trinity House, to include details of how the undertaker will comply with the provisions of	Trinity House

condition 7 relating to that stage for the lifetime of the authorised development;	
(6) No percussive piling associated with wind turbine generator foundations may take place between 25th November to 3rd January (inclusive) in any year for the protection of spawning herring unless otherwise agreed in writing with the MMO.	Paragraph inserted to secure the piling restriction for the protection of herring spawning
In paragraph 15(2)	
(2) Any changes to the supplied details must be notified to the MMO in writing not less than 24 hours prior to the agent, contractor or vessel engaging in the licensed activities.	<u> </u>
In paragraph 18 (5)	Changes made in
In the event that the reports provided to the MMO under sub-paragraph (4) identify a need for additional monitoring, the requirement for any additional	response to relevant representations from MMO
monitoring will be agreed with the MMO in writing and implemented as agreed.	Changes made in
In paragraph 25	response to relevant representations from
Reporting of scour and cable protection;	MMO and Natural
(2) The report must include the following information—	England
(b) the location of cable protection and scour protection;	
(c) the volume of cable protection and scour protection; and	
(d) any other information relating to the cable protection and scour protection	
as agreed between the MMO and the undertaker	

Schedule 11, Deemed marine licence – Transmission Assets, Part 1, Licenced Marine Activities	navigation management plan" means the aids to navigation and management; "buoy" means any floating device used for navigational purposes or	response to relevant representations from the MMO and Trinity House
Schedule 11, Deemed marine		Changes made to reflect the removal of gravity

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licence Transmission, Part Conditions	 Offshore substation platform foundation structures forming part of the 2, authorised scheme must be one of either monopile foundations, or jacket foundations or gravity base structures. 	base foundation options
	In paragraph 4, sub-paragraph (4)	
	An operation and maintenance plan substantially in accordance with the outline offshore operations and maintenance plan shallmust be submitted to the MMO for approval in consultation with the relevant SNCB at least six months prior to the commencement of the operation of the licensed activities. All operation and maintenance activities shallmust be carried out in accordance with the approved plan.	'shall'
	In paragraph 8, sub-paragraph (3) and (5)	Changes made in
	(3) The undertaker must provide reports to Trinity House on the availability of aids to navigation in accordance with the frequencies set out in the lighting and markingaids to navigation management plan agreed pursuant to condition 13(1)(i) using the reporting system provided by Trinity House.	response to relevant representations from Trinity House
	(5) In the event that the provisions of condition <u>87(12) or 7(13)</u> are invoked, the undertaker must lay down such buoys, exhibit such lights and take such other steps for preventing danger to navigation as directed by Trinity House.	
	In paragraph 13, sub-paragraph (h)	
	(h) a lighting and markingan aids to navigation management plan to be agreed in writing by the MMO following consultation with Trinity House, to include details of how the undertaker will comply with the provisions of condition 8 relating to that stage for the lifetime of the authorised development;	
	sub-paragraph (6)	

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	(6) No percussive piling associated with offshore substation platform foundations may take place between 25th November to 3rd January (inclusive) in any year for the protection of spawning herring unless otherwise agreed in writing with the MMO.	
	Reporting cable protection 26.—(4) Not more than four months following completion of the construction of the authorised project, the undertaker must provide the MMO and the relevant statutory nature conservation bodies with a report setting out details of the cable protection used for the authorised project. (5) The report must include the following information— (a) the location of cable protection protection; (b) the volume of cable protection protection; and any other information relating to the cable protection as agreed between the MMO and the undertaker	Liigidiid
Schedule 13		
Schedule 1 Compensation	In paragraph 2, sub-paragraph (b) (b) Natural Englandthe SNCB; In paragraph 3 Unless the Secretary of State confirms in writing that the compensation measure has been delivered to his satisfaction, then the following details	Changes made in response to relevant representations from Natural England

contained with the LIMP, which must be in accordance with the outline LIMP, must be submitted to the Secretary of State for approval in consultation with the Natural England SNCB and the relevant planning authority for the compensation measure prior to the commencement of the offshore works.

In paragraphs 4 and 5

- 4. The undertaker must carry out the compensation measure as approved by the Secretary of State in consultation with Natural Englandthe SNCB and the relevant planning authority.
- 5. No wind turbine generator forming part of Work No. 1 may commence operation until the compensation measure has been implemented for three four breeding seasons, unless commencement of operation at an earlier date is approved in writing by the Secretary of State. For the purposes of this paragraph each breeding season is 1 March to 30 September of each year inclusive.

In paragraph 9

In the event of any conflict between the terms of this Order and the LIMP then To remove the word the provisions of this Order shallwill prevail.

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