



MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

The Applicants' response to ExA Q2.12.1.3 Land Holdings Detail



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Glossary

Term	Meaning
Applicants	Morgan Offshore Wind Limited (Morgan OWL) and Morecambe Offshore Windfarm Ltd (Morecambe OWL).
Development Consent Order	An order made under the Planning Act 2008, as amended, granting development consent.
Environmental Impact Assessment	The process of identifying and assessing the significant effects likely to arise from a project. This requires consideration of the likely changes to the environment, where these arise as a consequence of a project, through comparison with the existing and projected future baseline conditions.
Environmental Statement	The document presenting the results of the Environmental Impact Assessment process.
Local Authority	A body empowered by law to exercise various statutory functions for a particular area of the United Kingdom. This includes County Councils, District Councils and County Borough Councils.
Maximum design scenario	The realistic worst case scenario, selected on a topic-specific and impact specific basis, from a range of potential parameters for the Transmission Assets.
Morecambe Offshore Windfarm: Generation Assets	The offshore generation assets and associated activities for the Morecambe Offshore Windfarm.
Morecambe Offshore Windfarm: Transmission Assets	The offshore export cables, landfall, and onshore infrastructure required to connect the Morecambe Offshore Windfarm to the National Grid.
Morecambe OWL	Morecambe Offshore Windfarm Limited is owned by Copenhagen Infrastructure Partners' (CIP) fifth flagship fund, Copenhagen Infrastructure V (CI V).
Morgan and Morecambe Offshore Wind Farms: Transmission Assets	The offshore export cables, landfall, and onshore infrastructure for the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm. This includes the offshore export cables, landfall site, onshore export cables, onshore substations, 400 kV grid connection cables and associated grid connection infrastructure such as circuit breaker compounds. Also referred to in this report as the Transmission Assets, for ease of reading.
Morgan Offshore Wind Project: Generation Assets	The offshore generation assets and associated activities for the Morgan Offshore Wind Project.
Morgan Offshore Wind Project: Transmission Assets	The offshore export cables, landfall and onshore infrastructure required to connect the Morgan Offshore Wind Project to the National Grid.
Morgan OWL	Morgan Offshore Wind Limited is a joint venture between JERA Nex bp (JNbp) and Energie Baden-Württemberg AG (EnBW).
Onshore export cables	The cables which would bring electricity from the landfall to the onshore substations.
Onshore export cable corridor	The corridor within which the onshore export cables will be located.
Onshore Infrastructure Area	The area within the Transmission Assets Order Limits landward of MHWS. Comprising the offshore export cable corridor from MHWS to the transition joint bay, onshore export cable corridor, onshore

Term	Meaning
	substations and 400 kV grid connection cable corridor, and associated temporary and permanent infrastructure including temporary and permanent compound areas and accesses. Those parts of the Transmission Assets Order Limits proposed only for ecological mitigation and/or biodiversity benefit are excluded from this area.
Onshore Order Limits	See Transmission Assets Order Limits: Onshore (below).
Onshore substations	The onshore substations will include a substation for the Morgan Offshore Wind Project: Transmission Assets and a substation for the Morecambe Offshore Windfarm: Transmission Assets. These will each comprise a compound containing the electrical components for transforming the power supplied from the generation assets to 400 kV and to adjust the power quality and power factor, as required to meet the UK Grid Code for supply to the National Grid.
Preliminary Environmental Information Report	A report that provides preliminary environmental information in accordance with the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017. This is information that enables consultees to understand the likely significant environmental effects of a project, and which helps to inform consultation responses.
Substation	Part of an electrical transmission and distribution system. Substations transform voltage from high to low, or the reverse by means of electrical transformers.
The Secretary of State for Energy Security and Net Zero	The decision maker with regards to the application for development consent for the Transmission Assets.
Transmission Assets	See Morgan and Morecambe Offshore Wind Farms: Transmission Assets (above).
Transmission Assets Order Limits	The area within which all components of the Transmission Assets will be located, including areas required on a temporary basis during construction and/or decommissioning (such as construction compounds).
Transmission Assets Order Limits: Offshore	<p>The area within which all components of the Transmission Assets seaward of Mean Low Water Springs will be located, including areas required on a temporary basis during construction and/or decommissioning.</p> <p>Also referred to in this report as the Offshore Order Limits, for ease of reading.</p>
Transmission Assets Order Limits: Onshore	<p>The area within which all components of the Transmission Assets landward of Mean High Water Springs will be located, including areas required on a temporary basis during construction and/or decommissioning (such as construction compounds).</p> <p>Also referred to in this report as the Onshore Order Limits, for ease of reading.</p>

Acronyms

Acronym	Meaning
Ac	Acre
ALC	Agricultural Land Classification
DCO	Development Consent Order
DEFRA	Department for Environment, Food and Rural Affairs
EnBW	Energie Baden-Württemberg AG
EIA	Environmental Impact Assessment
ES	Environmental Statement
HMLR	HM Land Registry
MDS	Maximum Design Scenario
NPS	National Policy Statement
NSIP	Nationally Significant Infrastructure Project
O&M	Operation and Maintenance
PDE	Project Design Envelope
PEIR	Preliminary Environmental Information Report
TJB	Transition Joint Bay
UK	United Kingdom

1 The Applicants' response to Examining Authority

Q2.12.1.3 Land Holding Detail

1.1 Introduction

1.1.1.1 This note is provided in response to the Examining Authority's Written Question 2.12.1.3: The references to columns in the list below are to the entries in the table in Annexure 1.

For each of the agricultural landholdings affected by permanent acquisition, please provide the following in tabular format:

- *Name (column B)*
- *Address of holding (column C)*
- *Relevant plot numbers (column AB for Morgan and AD for Morecambe)*
- *Total size of holding (column I and O)*
- *Holding use (column D)*
- *Breakdown of land classification by hectare (column Q-X)*
- *Percentage of holding (column J and P)*
- *Summary of proposed activity on holding (column AA and AC (referenced by Work Number))*
- *Loss of land – by reference to the loss to both temporary and permanent use by both hectare (column I and O) and percentage of holding (column J and P).*

1.1.1.2 The detail provided by the Applicants is based on information obtained from HM Land Registry (HMLR) that has underpinned the land referencing undertaken by the Applicants and supplemented with information from the Applicants' diligent inquiries with the relevant landowners and land interests. It is therefore possible that there is additional land under different titles outside of the Applicants' land referencing boundary which the Applicants are not aware of but forms part of these landholdings. In addition, the information in Annexure 1 does not take any account of whether land within a holding is being used as part of a viable or commercial agricultural unit.

1.1.1.3 The document should be read in conjunction with the Land use and Recreation Chapter of the Environmental Statement (APP-104), Landholding Plans (REP1-044) for a visual representation of the distribution of land holdings and the Applicants' response to Hearing Action Points: ISH2 38 (REP4-111)¹ which had been produced by the Applicants to summarise their current understanding of impacts and

¹ The Applicants note that this previous submission focused on mitigation and other accommodation measures to reduce impacts during the construction phase, and set out the areas of land affected for all land interests across the Draft Order Limits (with consideration of freehold, permanent rights and temporary possession powers)

	available mitigations and accommodations for each landholding from construction of the Transmission Assets. It should be noted that these measures will apply whatever the eventual construction scenario (i.e. whether concurrent or sequential) and would be subject to further discussion and agreement with the relevant landowners.
1.1.1.4	The Applicants refer to the Land Rights Tracker (S_D1_15_MMTA_Land Rights Tracker_F04) for an up to date position on negotiations with the landowners referenced in the table in Annexure 1.
1.1.1.5	The agricultural land classification (ALC) data used for the assessment is based on the survey work undertaken by the Applicants and data available from Defra ALC survey work undertaken in the vicinity.
1.1.1.6	Agricultural land is classified into five grades by the ALC, according to the extent to which physical characteristics impose long term limitations on agricultural land use. Grade 1 is best quality and Grade 5 is poorest quality land. Grade 3 is divided into Subgrades 3a and 3b. The most productive and flexible land falls into Grades 1, 2 and Subgrade 3a, which are defined as BMV (best and most versatile) land. The Applicants would note that no Grade 1 agricultural land is subject to freehold acquisition as part of the Transmission Assets proposals.
1.1.1.7	<p>Descriptions of the Grades of land within the ALC system and two additional categories of land which can be identified on ALC maps are as follows:</p> <ul style="list-style-type: none"> • Grade 1 – excellent quality agricultural land, • Grade 2 – very good quality agricultural land, • Subgrade 3a – good quality agricultural land, • Subgrade 3b – moderate quality agricultural land, • Grade 4 – poor quality agricultural land, • Grade 5 – very poor quality agricultural land • Non-Agricultural • Urban
1.1.1.8	The Permanent Land Affected (column E-J) includes the land for which permanent acquisition is required for the onshore substations, associated access routes, mitigation and biodiversity benefit areas that will result in a change of use of the land.
1.1.1.9	The Temporary Land Affected (column K-P) includes areas within the land holdings identified in Columns E-J where there will also be temporary disturbance resulting from construction works, including areas where permanent rights are sought but there will be no change in the use of the land. This also includes the land required temporarily for ecological mitigation during construction works.

2 Annexure 1 Land Holdings Detail

Land Holding	Landowner	Landowner Address	Description of current farming practice	Maximum Area of Permanent Land Take (ac)						Maximum Area of Temporary Land Affected (ac)						2 (ALC)		3a (ALC)		3b (ALC)		Non Agricultural		Breakdown of land classification by hectare and percentage of holding	Morgan		Morecambe	
				Morgan	Morecambe	Shared	Total (ac)	Total size of holding (ac)	Percentage of permanent Land take of whole holding as known	Morgan	Morecambe	Shared	Total (ac)	Total size of holding (ac)	Percentage of Temporary Land affected of whole holding as known	Acres of Grade 2 within order limits	Percentage of Grade 2 within order limits	Acres of Grade 3a within order limits	Percentage of Grade 3a within order limits	Acres of Grade 3b within order limits	Percentage of Grade 3b within order limits	Acres of non agricultural within order limits	Percentage of non agricultural within order limits		Plot numbers	Summary of proposed activity on holding	Plot numbers	Summary of proposed activity on holding
15	Linda Rigby & Thomas Adam Flack	4 Croft Court Plumpton Close Whitehills Business Park BLACKPOOL Lancashire FY4 5PR	Dairy youngstock, potatoes, arable	0	2.1	0	2.1	207.27	1.01%	17.85	11.28	2.77	31.9	207.27	15.39%	5.27	16%	0.00	0%	28.16	84%	0.00	0%		permanent Rights 08-084A, 08-085, 08-086A, 08-088, 08-091, 08-099A, 08-101A, 08-102, 08-112, 08-113A, 08-115, 08-116, 08-120A, 09-007, 09-008A, 09-010A, 09-011, 09-012A, 10-002A Temporary Rights 08-097A, 08-098A, 08-103, 08-121, 08-124, 08-125, 08-126, 09-001, 09-003, 09-006	permanent Rights 17A, 34A, 40A Temporary Rights 19A, 41A Temporary Rights 08-088, 08-102, 08-107B, 08-110B, 08-124, 08-126, 09-001, 09-003, 09-006, 09-007, 09-011, 09-101B, 09-102B	Freehold Acquisition 09-002B permanent Rights 19A, 41A permanent Rights 08-091, 08-103, 08-111B, 08-112, 08-115, 08-116, 08-121, 08-125, 09-018B, 10-003B	Freehold Acquisition 49B permanent Rights 17B, 34B, 40B, 41B Temporary Rights 18B, 19B, 49B
22	John Mason and Anne Mason	Nearer Hillock Farm, Hillock Lane, Warton, PRESTON, Lancashire, PR4 1TP	Beef and Arable & Dairy	37.01	0	0	37.01	337.06	10.98%	33.54	16.03	1.15	50.72	337.06	15.05%	0.00	0%	0.00	0%	87.10	100%	0.10	0%		permanent Rights 11-063, 11-069, 11-071, 11-072, 11-074A, 11-075A Temporary Rights 11-076A	permanent Rights 17A, 34A Temporary Rights 19A	permanent Rights 11-063, 11-068B, 11-069, 11-070B, 11-071, 11-072, 11-073B	permanent Rights 17B, 34B
25	Deryck Lund and Michelle Fare	Greenbank Farm Lower Lane Freckleton PRESTON Lancashire PR4 1TS	Dairy youngstock and Sheep	1.77	0	0	1.77	70.81	2.50%	17.97	0	0	17.97	70.81	25.38%	0.00	0%	0.00	0%	18.74	95%	0.99	5%		Freehold Acquisition 12-011A permanent Rights 11-130A, 12-016A, 12-021A Temporary Rights 12-010A, 12-012A, 12-013A, 12-017A, 12-023A	Freehold Acquisition 23A permanent Rights 34A, 41A Temporary Rights 22A, 39A, 40A	N/A N/A N/A	N/A
26	Christopher Bannister & John Richard Tomlinson & Michael Tomlinson	26 Southlands Kirkham PRESTON Lancashire PR4 2TR, Clifton Marsh Farm Lytham Road Clifton PRESTON Lancashire PR4 0XE, Salwick Hall Farm Salwick PRESTON Lancashire PR4 0YJ	Dairy	12.02	16.88	0	28.9	198.27	14.58%	26.86	24.76	0.53	52.15	198.27	26.30%	0.00	0%	0.00	0%	79.91	100%	0.00	0%		Freehold Acquisition 11-125A, 11-126A, 12-029A permanent Rights 11-080A, 11-082A, 11-083, 11-084, 11-096, 11-097, 11-115A, 11-116A, 11-128A, 11-129A, 13-001A, 13-015A, 13-081, 13-093A, 13-095, 13-099, 13-101A, 13-102, 13-103, 13-104A, 13-105, 14-001, 14-002A, 14-003, 14-004, 14-005A, 14-006, 14-007, 14-008A, 14-009, 14-010, 14-011A Temporary Rights 11-077A, 11-079A, 11-117A, 11-118A, 13-041, 13-087, 13-094A, 13-100A	Freehold Acquisition 20A, 21A, 49A permanent Rights 17A, 25A, 34A, 41A Temporary Rights 18A, 19A, 40A, 50A	Freehold Acquisition 11-109B, 13-008B, 13-009B permanent Rights 11-081B, 11-083, 11-084, 11-088B, 11-094B, 11-096, 11-097, 11-110B, 11-112B, 11-114B, 13-007B, 13-021B, 13-041, 13-081, 13-092B, 13-095, 13-099, 13-102, 13-103, 13-105, 14-001, 14-003, 14-004, 14-006, 14-007, 14-009, 14-010 Temporary Rights 11-087B, 11-089B, 11-095B, 11-099B, 11-100B, 11-107B, 11-108B, 11-113B, 13-022B, 13-087, 13-106B	Freehold Acquisition 20B, 21B, 23B permanent Rights 17B, 25B, 34B Temporary Rights 18B, 19B, 22B, 24B
37	The Executor Of The Estate Of The Late James Herbert Ingham & The Executor Of The Estate Of The Late John Ernest Whalley Ingham	c/o Richard Turner & Son, Old Sawley Grange, Gisburn Road, Sawley, CLITHEROE, Lancashire, BB7 4LH, UNITED KINGDOM	Beef and silage production which supports a farming business that operates predominantly outside of the order limits.	46.13	0.00	0.00	46.13	86.21	53.51%	3.74	3.77	0.00	7.51	86.21	8.71%	0.00	0%	0.00	0%	48.70	100%	0.00	0%		Freehold Acquisition 14-012A*, 14-013A*, 14-014*, 14-015*, 14-016A*, 14-017*, 14-018*, 14-019A*, 14-020*, 14-021*, 14-025A*, 14-026A*, 14-027A*	Freehold Acquisition 25A, 34A, 40A, 41A, 49A	permanent Rights 14-014*, 14-015*, 14-017*, 14-018*, 14-020*, 14-021*	permanent Rights 25B, 34B, 40B, 41B
40	Leonard Redmayne	Lower Brookholes, Brookholes Brow, PRESTON, Lancashire, PR1 5BF, UNITED KINGDOM	Dairy youngstock and beef farming which supports a farming business that operates predominantly outside of the order limits.	0.00	26.49	0.00	26.49	97.64	27.13%	6.03	5.46	0.00	11.49	97.64	11.77%	0.00	0%	0.00	0%	33.89	100%	0.00	0%		permanent Rights 14-030, 14-032, 14-035, 14-038A, 15-032A, 15-033, 15-034, 15-037A	permanent Rights 25A, 34A	Freehold Acquisition 14-028B, 14-029B, 14-031B, 14-033B, 14-034B permanent Rights 14-037B, 15-031B, 15-033, 15-034	Freehold Acquisition 49B permanent Rights 25B, 34B
43	Tallentire Limited	Portland House, Glacis Road, GX11 1AA, GIBRALTAR	Beef, Sheep and Arable	20.94	8.89	0.00	29.83	152.82	19.52%	12.42	12.17	63.20	87.79	152.82	57.45%	9.95	9%	0.00	0%	98.60	91%	0.00	0%		Freehold Acquisition 16-033, 16-038A, 16-039, 16-040A, 16-041, 16-056A, 16-057, 16-058A, 16-059, 16-060A, 16-065A, 16-066, 16-067A, 16-069A permanent Rights 15-067, 15-069, 15-070, 15-071A, 15-072A, 16-021, 16-025, 16-029, 16-034, 16-035A, 16-036, 16-037A, 16-042, 16-044, 16-047, 16-049, 16-050, 16-054, 16-070A, 16-071, 16-072A Temporary Possession 15-063, 15-064, 15-066, 15-068, 15-068, 16-003, 16-011, 16-012, 16-015, 16-017, 16-020, 16-026, 16-027, 16-028, 16-030, 16-031, 16-032, 16-046, 16-051, 16-052, 16-053, 16-055, 16-062	Freehold Acquisition 44A permanent Rights 25A, 34A, 40A Temporary Possession 18A, 35A, 45A, 46A	Freehold Acquisition 16-061B, 16-062, 16-063B permanent Rights 15-064, 15-066, 15-068, 15-073B, 16-021, 16-025, 16-029, 16-034, 16-036, 16-039, 16-042, 16-043B, 16-044, 16-045B, 16-046, 16-047, 16-047B, 16-048B, 16-049, 16-050, 16-054, 16-057, 16-064B, 16-066, 16-071 Temporary Possession 15-063, 15-067, 15-069, 15-070, 16-003, 16-011, 16-012, 16-015, 16-017, 16-020, 16-026, 16-027, 16-028, 16-030, 16-031, 16-032, 16-033, 16-041, 16-051, 16-052, 16-053, 16-055, 16-059	Freehold Acquisition 44B permanent Rights 25B, 34B, 40B Temporary Possession 19B, 35B, 45B, 46B