



Norfolk Boreas Offshore Wind Farm

Appendix 24.15

Scenario 1 – Destination A (onshore substations) Employee Assignment

Environmental Statement

Volume 3

Applicant: Norfolk Boreas Limited Document Reference: 6.3.2415 RHDHV Reference: PB5640-006-2415 Pursuant to APFP Regulation: 5(2)(a)

Date: June 2019 Revision: Version 1

Author: Royal HaskoningDHV

Photo: Ormonde Offshore Wind Farm





This page is intentionally blank.

Onshore Project Substation

..

No employees utilising origin link to enter the study area.

	Destination L	ink																																					
	Links with em	nployee movements																																					
			Origin o	data set A																																			
		R	esidents	In-	migrants	Combined																																	
			Total worker vehicles			Total worker vehciles	1a 1b	2 3 4	5 6 7	8 9	10 11 12	13a 13b 14	15 16	17 18 19	20 21 2	2 23 24	25 26 27	28 29	30 31 3	2 33 34	35a 35b 3	37 38 3	9 40a 40b	41 42 4	43 449 44	4b 45 46	47a 47b 47	c 48 49	50 51 52	53 54 55	56 57 5	58 59 60	61 62 63	64 65 66	67 68 69	70 71 72	73 74	75 76 77	78 79
Notes	Origi	n Percentage split	(one-way)	Percentage split	(one-way)	(one-way)		- - -								-				-														1.	1		1	-	
Total employees	10 1	0.36	1.07	0.17	1.17	2.2	2.2 2.2																										i III						
Total employees car-share ratio	1 2	0.08	0.24	0.11	0.80	1.0	1.0	1.0																															
Total vehicles	10.0 3	0.06	0.18	0.26	1.85	2.0	2.0	2.0 2.0																									1			1			.
Percentage resident workers	0.3 5	0.04	0.11	0.06	0.40	0.5	0.5	0.5 0.5 0.5	0.5																														
Percentage in-migrant workers	0.7 6		0.05	0.00	0.00	0.0	0.0	0.0 0.0 0.0	0.0 0.0																								1			1			.
Total resident worker vehicles	3 7	0.27	0.80	0.12	0.83	1.6	1.6		1.6																														
Total in-migrant worker vehicles	7 8	0.06	0.17	0.06	0.39	0.6	0.6	0.6 0.6		0.6																							i III						. — — —
	9	0.00	0.00	0.00	0.00	0.0																															4 7		
	10	0.00	0.00	0.00	0.00	0.0																															4 7		
	- 11	0.03	0.09	0.08	0.58	0.7	0.7 0.7				0.7																											\neg	
	12	0.00	0.01	0.04	0.26	0.3	0.3 0.3				0.3 0.3																											\neg	. — — —
	13	0.02	0.05	0.02	0.13	0.2	0.2 0.2				0.2 0.2	0.2																										\neg	. — — —
	14	0.00	0.01	0.00	0.00	0.0	0.0 0.0				0.0 0.0	0.0 0.0 0.0																										\neg	. — — —
	15	0.00	0.00	0.00	0.00	0.0																															4 7		
	18	0.00	0.01	0.00	0.02	0.0	0.0 0.0				0.0 0.0	0.0		0.0																								\neg	. — — —
	19	0.00	0.00	0.00	0.00	0.0																															4		
	24	0.00	0.00	0.00	0.00	0.0																															4		
	26	0.02	0.07	0.00	0.00	0.1	0.1	0.1									0.1																\Box				$\overline{}$. — — —
	27	0.02	0.05	0.00	0.00	0.0	0.0	0.0									0.0 0.0																				+	-	. — — — — —
	31	0.00	0.00	0.00	0.00	0.0																															4		
	32	0.00	0.00	0.00	0.00	0.0																																	
	33	0.00	0.00	0.00	0.00	0.0																															4		
	34	0.00	0.00	0.00	0.00	0.0																															4		
	36	0.01	0.02	0.00	0.00	0.0	0.0	0.0									0.0 0.0	0.0			0.	0.0											\Box				$\overline{}$. — — —
	38	0.00	0.00	0.06	0.44	0.4	0.4	0.4									0.4 0.4	0.4				0.4															+	-	. — — — — —
	39	0.00	0.00	0.02	0.13	0.1	0.1	0.1									0.1 0.1	0.1				0.1 0.	.1																. — — —
	40	0.00	0.01	0.00	0.00	0.0	0.0 0.0				0.0 0.0	0.0 0.0 0.0											0.0	0.0													+	-	. — — — — —
	43	0.00	0.00	0.00	0.00	0.0	0.0 0.0				0.0 0.0	0.0 0.0 0.0											0.0	0.0	0.0														. — — —
	44	0.00	0.00	0.00	0.00	0.0																																	
	47	0.01	0.02	0.00	0.00	0.0	0.0 0.0				0.0 0.0	0.0 0.0 0.0												0.0	0.0	0.0	0.0 0.0						0.0						. — — —
	50	0.00	0.00	0.00	0.00	0.0																																	
	51	0.00	0.00	0.00	0.00	0.0																																	
	56	0.00	0.00	0.00	0.00	0.0																															4		
	62	0.01	0.04	0.00	0.00	0.0	0.0	0.0									0.0 0.0	0.0															0.0						. — — —
	63 64	0.00	0.00	0.00	0.00	0.0																																	
	64	0.00	0.00	0.00	0.00	0.0																															4		
	•	1	.00	1	.00																																		
					Total worker	vehicles (one-way)	3.4 10.0	49 31 06	06 00 16	06 00	00 12 05	02 00 00	00 00 0	00 00 00	00 00 0	0 0 0 0	00 07 07	06 00	00 00 0	0 00 00	00 00 0	0 00 06 0	1 00 00	00 00 0	00 00 0	0 00 00	00 00 0	0 0 0 0	00 00 00	00 00 00	00 00 0	00 00	00 00 00	00 00 00	00 00 00	00 00 00	00 00	00 00 00	00 00
									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 - 1 - 1		1 1 1 1 1 1 1			1 1 1 1 1			1						1 1 1 1			1 1 1 1 1			1 1 1 1 1 1	1 1 1 1 1			+ + + + + + + + + + + + + + + + + + + +	+++-		++++		
					Total worker	vehicles (two-way)	6.9 20.0	9.9 6.3 1.1	1.1 0.1 3.3	1.1 0.0	0.0 2.4 1.0	0.5 0.1 0.1	0.0 0.0	0.0 0.1 0.0	0.0 0.0 0	0.0 0.0	0.0 1.5 1.4	1.3 0.0	0.0 0.0 0	.0 0.0 0.0	0.0 0.0 0.	0 0.0 1.2 0.	.3 0.0 0.0	0.1 0.0 0	0.0 0.0 0.	.0 0.0 0.0	0.0 0.0 0	0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0	0.0 0.0 0.0	0.0 0.1 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0).0 0.0 0.0	0.0 0.0

			Origin o	lata set A																										
			Re	sidents	In-m	igrants	Combined	Ĩ																						
Notes		Origin	Percentage split	Total worker vehicles (one-way)	Percentage split	Total worker vehicles (one-way)	Total worker vehciles (one-way)	A	В	С	D	Е	F	G	н	1	J	ĸ	L	М	N	0	Р	Q	R	s	т	U	٧	١
Total employees	10		0.36	1.07	0.17	1.17	2.2																				\neg	\neg	_	Т
car-share ratio	1	2	0.08	0.24	0.11	0.80	1.0																				\neg	_	_	т
Total vehicles	10.0		0.06	0.18	0.26	1.85	2.0							_										_			-	\neg	_	t
Percentage resident workers	0.3		0.04	0.11	0.06	0.40	0.5																				\neg	\neg	_	Т
Percentage in-migrant workers	0.7	6	0.02	0.05	0.00	0.00	0.0																				\neg	_	_	т
Total resident worker vehicles	3	7	0.27	0.80	0.12	0.83	1.6																				\neg	\neg	_	Т
Total in-migrant worker vehicles	7	8	0.06	0.17	0.06	0.39	0.6																				\neg	_	_	т
		9	0.00	0.00	0.00	0.00	0.0																							т
		10	0.00	0.00	0.00	0.00	0.0															_		_				=	_	F
		11	0.03	0.09	0.08	0.58	0.7																				\neg	-	_	т
		12	0.00	0.01	0.04	0.26	0.3							_							_			_			-	\neg	_	t
		13	0.02	0.05	0.02	0.13	0.2							_							_			_			-	\neg	_	t
		14	0.00	0.01	0.00	0.00	0.0							_							_			_			-	\neg	_	t
		15	0.00	0.00	0.00	0.00	0.0																				_	_		т
		18	0.00	0.01	0.00	0.02	0.0				1													_			-	-	-	H
		19	0.00	0.00	0.00	0.00	0.0																				_	_		т
		24	0.00	0.00	0.00	0.00	0.0						_						-							-	_	_	_	F
		26	0.02	0.07	0.00	0.00	0.1				1													_			-	-	-	H
		27	0.02	0.05	0.00	0.00	0.0				1			_		_			- 1		_		_	_	_	- 1	-	-	_	H
		31	0.00	0.00	0.00	0.00	0.0				1										_		_				_	=		H
		32	0.00	0.00	0.00	0.00	0.0		+-	+		-	_	-					-	_	_	_	\rightarrow	_		-		_	_	H
		33	0.00	0.00	0.00	0.00	0.0						_														_	_	_	F
		34	0.00	0.00	0.00	0.00	0.0		_	_	1	-	_	_		_		_	-	_	_	_	_	\rightarrow	_	-	_	_	_	Н
		36	0.01	0.02	0.00	0.00	0.0		_	_	_	_	_	_		_		_	_		_	_	-	_	_	_	-	-	_	Н
		38	0.00	0.02	0.06	0.44	0.4	-	_	+	_	-	-	-+	_	_	_		-+	-	_	\rightarrow	-	-+	_	-+	+	+		H
		39	0.00	0.00	0.02	0.13	0.1	-	_	-	-	-	_	_		_			-+	_	_	-	_	\rightarrow	_	-+	$^{+}$	-	_	╁
ii		40	0.00	0.00	0.02	0.00	0.0	-	_	+	_	-	-	-+	_	_	_		-+	-	_	\rightarrow	-	-+	_	-+	+	+		H
İI		43	0.00	0.00	0.00	0.00	0.0	-	_	-	-	-	_	_		_			-+	_	_	-	_	\rightarrow	_	-+	$^{+}$	-	_	╁
		44	0.00	0.00	0.00	0.00	0.0	-	_	_		-	_	-		_			_		_	_	_	\rightarrow	_	_	-	\rightarrow	_	H
		47	0.00	0.02	0.00	0.00	0.0		_	_	_	_	_	_					_	_	_	-	_	\rightarrow		_	-	-	_	₩
		50	0.00	0.00	0.00	0.00	0.0	-	_	_		-	_	-		_			_		_	_	_	\rightarrow	_	_	-	\rightarrow	_	H
		51	0.00	0.00	0.00	0.00	0.0	-	+-	+		-	-	-	-	-	_	_	-	-	-	-	\rightarrow	\rightarrow	-	-	_	-	_	⊬
		56	0.00	0.00	0.00	0.00	0.0	-	-	+-	+	+	_	-	_	-	_	-	-+	_	_	-	-	\rightarrow	-	-+	-	-	_	⊢
		62	0.00	0.00	0.00	0.00	0.0		-	-	_	-	_	-	_	_	_	_	_	_	_	-	_	-+	_	_	-	-	_	⊬
		63	0.00	0.00	0.00	0.00	0.0		_		_	-	_	_		_			\rightarrow		_	_	_	_	_	\rightarrow	-	_	_	⊢
		64	0.00	0.00	0.00	0.00	0.0	-	-	+	1	-	-	-	_	_	_			_	-	-	-	\rightarrow	_		-	\rightarrow	_	⊢
		04					0.0																	_			_	_	_	0 00 00
			1.00			hicles (one-way)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	C	
						Total worker ve	hicles (two-way)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	C