

East Anglia ONE North Offshore Windfarm

Appendix 26.11

HGV and Employee Traffic Assigned to the Construction Programme

Preliminary Environmental Information

Volume 3

EA1N-DEVWF-ENV-REP-IBR-000295_011

Section 1 - Average Materials and Welfare and Operation Plant Daily HGV Movements

Activity	Total Working Days	Total HGVs	Month																																							
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36				
Establish construction consolidation site and site accesses	88	559	7	7	7	7																																				
Mobilisation of Welfare and Operation Plant to CCS	88	31	1	1	1	1																																				
Site preparation including fencing, temporary drainage and haul road construction.	44	591					14	14																																		
Onshore Export Cable Installation East of SPA																																										
Trench Route Clearance / Topsoil Strip	44	0					0	0																																		
Trench Excavation	220	255							2	2	2	2	2	2	2	2	2																									
Duct Installation	220	154							1	1	1	1	1	1	1	1	1																									
Trench Backfill	198	12								1	1	1	1	1	1	1	1																									
Jointing Bay Excavation	242	230								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		
Jointing Bay Base Constriction	198	16									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		
Pulling and connection of cables	198	45										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		
Jointing Bay Walls and Roof	198	47										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		
Backfill over Jointing Bays	44	0																																					0	0		
Trench Route Reinstatement / Topsoil Reinstatement	66	0																																				0	0	0		
Medium Length HDD crossing of Obstacle 2.1 and 2.2																																										
Establish Onshore HDD Entry Pit compound	66	197					3	3	3																																	
Mobilisation of HDD Kit and Welfare to Onshore drilling Compound	22	58								3																																
HDD Drilling works & Ducting (assume working 24/7 7 days a week)	120	85								1	1	1	1																													
HDD Drilling risk programme 'float' (Total HDD HGV movements included in HDD Drilling Works & Ducting)	30	0												0																												
Demobilisation of HDD kit and welfare	22	58												3																												
Removal of Onshore HDD Entry pit compound	66	197														3	3	3																								
Movement of fence line to minimum extents	88	0																																								
Haul Road Removal (includes removal of fencing) and reinstatement	66	591																																					9	9	9	
Demobilisation of Welfare from CCS	66	31																																						1	1	1
Construction consolidation site and access road Removal	154	559																																						4	4	4
Average Section Skip HGV Movements Per Day	594	127	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 HGVs per day			9	9	9	9	18	18	7	10	7	8	9	9	12	9	12	12	8	5	3	2	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15
Total two-way HGV movements per day			18	18	18	18	36	36	14	20	14	16	18	18	24	18	24	24	16	10	6	4	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30

Section 1 - Construction Plant Requirements

Plant	Month																																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					
D6 Dozer	1	1	1	1	2	2	1								2	2	2				2	2	2	2										2	2	2					
30T Excavator	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			2	2	2	2											2	2	2				
20T Dumper	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	2			2	2	2	2											4	4	4				
Smooth Drum vibrio road roller	1	1	1	1	1	1	1								1	1	1				1	1	1	1											1	1	1				
21T excavator	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1			1	1	1	1												2	2	2			
5T Forward Tipping Dumper	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1			1	1	1	1												2	2	2			
Loading shovel	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2				2	2	2	2												2	2	2			
Trench Roller							1	1	1	1	1	1	1	1	1	1																					1	1	1		
Tractor & fencing kit					1	1																1	1	1	1																
Tractor & trailer	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		
Tractor & Fuel bowser (or self-propelled)	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		
Tractor & Water bowser (for dust suppression)	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	
Tractor & cable drum trailer												1	1	1	1	1	1	1	1																						
Tractor & soil tiller, roller, seeder															1	1	1					1	1	1	1												1	1	1		
Cement mixer													1	1	1	1	1	1	1	1																					
Mobile crane													1	1	1	1	1	1	1	1																					
Grader	1	1	1	1	1	1	1																																		
Cable laying tracked crane																																									
Cable winch												1	1	1	1	1	1	1	1	1																					
Pre-cast concrete truck													1	1	1	1	1	1	1	1																					
Mobile concrete pump												1	1	1	1	1	1	1	1																						
Telehandler	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																					
Mobile self-contained welfare unit	2	2	2	2																																		2	2	2	
Crawler Crane							1	1	1	1	1	1	1	1	1	1	1	1	1																						
Mobile generator	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1		1	1	1	1													2	2	2	
Temporary lighting	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2		2	2	2	2													3	3	3	
Road surface paver & roller	1	1	1	1																																					
Pump							1	2	2	2	2	2	2	2	2	2	2	2	2	1																			1	1	1
Total Plant Onsite In Section Per Month	20	20	20	20	25	25	27	25	25	26	28	31	31	31	35	35	34	24	17	12	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28		
Total Deliveries / Removals	20	0	0	0	11	0	6	4	0	1	2	3	0	0	4	0	1	10	7	5	19	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	28	0	33	
Average Deliveries / Removals Per Day	1	0	0	0	1	0	1	1	0	1	1	1	0	0	1	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
Average Total two-way HGV movements (Deliveries / Removals) Per Day	2	0	0	0	2	0	2	2	0	2	2	2	0	0	2	0	2	2	2	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0	4		

Section 1 - Average Daily Personnel Requirements

Number of Additional Site Personnel Per Activity (general labourers, drillers, drilling foremen, electricians, joiners, bricklayers etc)	Total Working Days	Total Person Days	Month																																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
Establish construction consolidation site and site access off Sizewell Gap Road	88	264	3	3	3	3																																			
Site preparation including fencing, temporary drainage and haul road construction	44	176					4	4																																	
Onshore Export Cable Installation East of SPA																																									
Trench Route Clearance / Topsoil Strip	44	88					2	2																																	
Trench Excavation	220	330									3	2	2	2	1	1	1	1	1	1	1																				
Duct Installation	220	330									3	2	2	2	1	1	1	1	1	1	1																				
Trench Backfill	198	264										2	2	2	1	1	1	1	1	1	1																				
Jointing Bay Excavation	242	352										2	2	2	1	1	1	1	1	1	1	2	2																		
Jointing Bay Base Constriction	198	264													2	1	1	1	1	1	1	1	2	2																	
Pulling and connection of cables	198	286																																							
Jointing Bay Walls and Roof	198	330																																							
Backfill over Jointing Bays	44	132																																							
Trench Route Reinstatement / Topsoil Reinstatement	66	198																																							
Medium Length HDD crossing of Obstacle 2.1 and 2.2																																									
Establish Onshore HDD drilling compound	66	198										3	3	3																											
HDD Drilling works & Ducting (assume working 24/7 7 days a week) Includes Admin of HDD Compound	120	120																																							
HDD Drilling risk programme 'float'	30	120																																							
Demobilisation of HDD kit and welfare	22	66																																							
Removal of Onshore HDD compound	66	198																																							
Movement of fence line to minimum extents	88	264																																							
Haul Road Removal (includes removal of fencing) and reinstatement	66	198																																							
Construction consolidation site d and access road Removal	154	462																																							
Plant Operators																																									
Overall Plant Operators	792	11,154	16	16	16	15	21	21	21	18	18	19	21	23	23	23	27	27	26	16	9	7	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	20	20	20	
Section 1 Engineering Personnel																																									
Lead Engineer, 1 x Assistant Engineers, 1 x surveyors, 1 x Foreman	792	3,168	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
Project Engineering Personnel Based at CSS 1.1																																									
Head Engineer, 2 x Admin Staff, QS, Assistant QS, Overall Site Foreman, H&S Supervisor, H&S Assistant, Environmental Clerk, Assistant Environmental Clerk, Lead Surveyor, 2 X catering staff, 2 x client representative and 2 x owners engineers	792	13,464	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17			
Average Total Employees per day			40	40	40	39	51	51	51	48	48	51	49	55	54	51	58	58	58	45	36	31	43	43	43	43	21	21	21	21	21	21	21	21	21	21	21	21	53	53	50
Maximum Total Employee Two-way Movements Per Day (car/small van)			80	80	80	78	102	102	102	96	96	102	98	110	108	102	116	116	116	90	72	62	86	86	86	86	42	42	42	42	42	42	42	42	42	42	42	42	106	106	100

Section 1 - Total Vehicle Movement Requirements

Activity	Month																																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					
Materials and Welfare and Operation Plant Daily HGV Movements Total Two-way HGV Movements Per Day	18	18	18	18	36	36	14	20	14	16	18	18	24	18	24	24	16	10	6	4	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30		
Increase to account for Miscellaneous allowances presented in Page 11 of Materials Vehicle Movements Tab where the percentage increase is presented	22	22	22	22	44	44	18	25	18	20	22	22	30	22	30	30	20	13	8	5	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	
Construction Plant Average Total two-way HGV Movements (deliveries / Removals) Per Day	2	0	0	0	2	0	2	2	0	2	2	2	0	0	2	0	2	2	2	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
Average total two-way HGV Movements Per Day	24	22	22	22	46	44	20	27	18	22	24	24	30	22	32	30	22	15	10	7	15	13	13	13	2	0	0	0	0	0	0	0	0	0	0	0	0	41	37	41	
Maximum Total Employee Two-way Movements Per Day (car/small van)	80	80	80	78	102	102	102	96	96	102	98	110	108	102	116	116	116	90	72	62	86	86	86	86	42	42	42	42	42	42	42	42	42	42	42	42	42	106	106	100	
Employee Two-Way Movements Plus additional 10% for Miscellaneous Movements	88	88	88	86	113	113	113	106	106	113	108	121	119	113	128	128	128	99	80	69	95	95	95	95	47	47	47	47	47	47	47	47	47	47	47	47	47	117	117	110	
Maximum Total HGV and Car/small van Two-way Movements Per Day (car/small van)	112	110	110	108	159	157	133	133	124	135	132	145	149	135	160	158	150	114	90	76	110	108	108	108	49	47	47	47	47	47	47	47	47	47	47	47	47	158	154	151	

Section 2 - Average Materials and Welfare and Operation Plant Daily HGV Movements

Activity	Total Working Days	Total HGVs	Months																																											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36								
Establish construction consolidation site and site accesses	88	559	7	7	7	7																																								
Mobilisation of Welfare and Operation Plant to CCS	88	62	1	1	1	1																																								
Site preparation including fencing, temporary drainage and haul road construction	32	540					13	13																																						
Onshore Export Cable Installation Sction 2A and 2B																																														
Trench Route Clearance / Topsoil Strip	44	0					0	0																																						
Trench Excavation	220	275							2	2	2	2	2	2	2	2	2	2																												
Duct Installation	220	167							1	1	1	1	1	1	1	1	1	1																												
Trench Backfill	198	14								1	1	1	1	1	1	1	1	1																												
Jointing Bay Excavation	242	276								2	2	2	2	2	2	2	2	2	2																											
Jointing Bay Base Constriction	198	20										1	1	1	1	1	1	1	1																											
Pulling and connection of cables	198	46											1	1	1	1	1	1	1	1																										
Jointing Bay Walls and Roof	198	57											1	1	1	1	1	1	1	1																										
Backfill over Jointing Bays	44	0																																							0	0	0			
Trench Route Reinstatement / Topsoil Reinstatement	66	0																																								0	0	0		
Medium Length Onshore HDD Crossing of Obstacle 2.1 and 2.2																																														
Establish Onshore HDD Entry Pit compound	44	86						2	2																																					
Mobilisation of HDD Kit and Welfare to Onshore drilling Compound	22	10								1																																				
HDD Drilling works & Ducting (assume working 24/7 7 days a week)	120	0								0	0	0	0																																	
HDD Drilling risk programme 'float' (Total HDD HGV movements included in HDD Drilling Works & Demobilisation of HDD kit and welfare	30	0											0																																	
Demobilisation of HDD kit and welfare	22	10											1																																	
Removal of Onshore HDD Entry pit compound	44	86																	2	2																										
Movement of fence line to minimum extents	88	0																					0	0	0	0																				
Haul Road Removal (includes removal of fencing) and reinstatement	66	540																																							9	9	9			
Demobilisation of Welfare from CCS	66	62																																								1	1	1		
Construction consolidation site and access road Removal	154	559																						4	4	4	4																	4	4	4
Average Section Skip HGV Movements Per Day	594	127	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 HGVs per day			9	9	9	9	14	16	6	8	7	8	9	10	11	10	12	12	6	6	3	2	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	15	
Total two-way HGV movements per day			18	18	18	18	28	32	12	16	14	16	18	20	22	20	24	24	12	12	6	4	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	

Section 3 - Average Materials and Welfare and Operation Plant Daily HGV Movements

Activity	Total Working Days	Total HGVs	Months																																							
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36				
Establish construction consolidation site compound and site accesses	88	559	7	7	7	7																																				
Mobilisation of Welfare and Operation Plant to CCS	88	31	1	1	1	1																																				
Site preparation including fencing, temporary drainage and haul road construction.	44	343					8	8																																		
Onshore Export Cable Installation Section 3A and 3B																																										
Trench Route Clearance / Topsoil Strip	44	0					0	0																																		
Trench Excavation	220	201							1	1	1	1	1	1	1	1	1																									
Duct Installation	220	121							1	1	1	1	1	1	1	1	1																									
Trench Backfill	198	10								1	1	1	1	1	1	1	1																									
Jointing Bay Excavation	242	138								1	1	1	1	1	1	1	1	1	1																							
Jointing Bay Base Constriction	198	10									1	1	1	1	1	1	1	1	1	1																						
Pulling and connection of cables	198	32										1	1	1	1	1	1	1	1	1	1																					
Jointing Bay Walls and Roof	198	28											1	1	1	1	1	1	1	1	1																					
Backfill over Jointing Bays	44	0																																				0	0			
Trench Route Reinstatement / Topsoil Reinstatement	66	0																																					0	0	0	
Movement of fence line to minimum extents	88	0																																								
Haul Road Removal (includes removal of fencing) and reinstatement	66	343																																					6	6	6	
Demobilisation of Welfare from CCS	66	62																																					1	1	1	
Construction consolidation site and access road Removal	154	559																																						4	4	4
Average Section Skip HGV Movements Per Day	594	114	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 HGVs per day			9	9	9	9	9	9	3	5	5	6	7	8	8	8	8	8	5	5	3	2	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	12
Total two-way HGV movements per day			18	18	18	18	18	18	6	10	10	12	14	16	16	16	16	16	10	10	6	4	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24

Section 3 - Construction Plant Requirements

Plant	Month																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36				
D6 Dozer	1	1	1	1	2	2	1					Q	Q	Q	Q	Q					2	2	2	2										2	2	2				
30T Excavator	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			2	2	2	2											2	2	2			
20T Dumper	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	2	2			2	2	2	2											4	4	4			
Smooth Drum vibrio road roller	1	1	1	1	2	2	1														1	1	1	1											1	1	1			
21T excavator	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1			1	1	1	1												2	2	2		
5T Forward Tipping Dumper	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1			1	1	1	1											2	2	2		
Loading shovel	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2					2	2	2	2												2	2	2		
Trench Roller							1	1	1	1	1	1	1	1	1	1																				1	1	1		
Tractor & fencing kit					1	1																																		
Tractor & trailer	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		
Tractor & Fuel bowser (or self-propelled)	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		
Tractor & Water bowser (for dust suppression)	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		
Tractor & cable drum trailer												1	1	1	1	1	1	1	1	1																				
Tractor & soil tiller, roller, seeder																									1	1	1	1									1	1	1	
Cement mixer													1	1	1	1	1	1	1	1	1																			
Mobile crane													1	1	1	1	1	1	1	1	1																			
Grader	1	1	1	1	1	1	1																																	
Cable laying tracked crane																																								
Cable winch												1	1	1	1	1	1	1	1	1	1																			
Pre-cast concrete truck																																								
Mobile concrete pump												1	1	1	1	1	1	1	1	1	1																			
Telehandler	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																	
Mobile self-contained welfare unit	2	2	2	2																																	2	2	2	
Crawler Crane							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			
Mobile generator	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1													2	2	2	
Temporary lighting	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2														3	3	3
Road surface paver & roller	1	1	1	1																																				
Pump							1	2	2	2	2	2	2	2	2	2	2	2	2	2	1																	1	1	1
Total Plant Onsite In Section Per Month	20	20	20	20	26	26	27	25	25	26	28	31	31	31	31	31	24	24	17	12	19	19	19	19											28	28	28			
Total Deliveries / Removals	20				12		7	4			1	2	3							7	5	19			19										28	28	28			
Average Deliveries / Removals Per Day	1	0	0	0	1	0	1	1	0	1	1	1	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
Average Total two-way HGV movements (Deliveries / Removals) Per Day	2	0	0	0	2	0	2	2	0	2	2	2	0	0	0	0	0	2	0	2	2	2	0	0	2	0	0	0	0	0	0	0	0	0	4	0	4			

Section 3 - Average Daily Personnel Requirements

Number of Additional Site Personnel Per Activity (general labourers, drillers, drilling foremen, electricians, joiners, bricklayers etc)	Total Working Days	Total Person Days	Month																																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
Establish construction consolidation site and site access off Sizewell Gap Road	88	264	3	3	3	3																																			
Site preparation including fencing, temporary drainage and haul road construction	44	176					4	4																																	
Onshore Export Cable Installation Sction 3A and 3B																																									
Trench Route Clearance / Topsoil Strip	44	88					2	2																																	
Trench Excavation	220	330							3	2	2	2	1	1	1	1	1	1																							
Duct Installation	220	330							3	2	2	2	1	1	1	1	1	1																							
Trench Backfill	198	264								2	2	2	1	1	1	1	1	1																							
Jointing Bay Excavation	242	352								2	2	2	1	1	1	1	1	1	2	2																					
Jointing Bay Base Constriction	198	264										2	1	1	1	1	1	1	2	2																					
Pulling and connection of cables	198	286											1	1	1	1	1	1	2	2	3																				
Jointing Bay Walls and Roof	198	330											1	1	1	1	1	1	2	2	3	3																			
Backfill over Jointing Bays	44	132																																			3	3			
Trench Route Reinstatement / Topsoil Reinstatement	66	198																																			3	3	3		
Movement of fence line to minimum extents	88	264																																							
Haul Road Removal (includes removal of fencing) and reinstatement	66	198																																				3	3	3	
Construction consolidation site and access road Removal	154	462																																				3	3	3	
Plant Operators																																									
Overall Plant Operators	792	10,824	16	16	16	16	22	22	21	18	18	19	21	23	23	23	23	23	16	16	9	7	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20
Section 3 Engineering Personnel																																									
Lead Engineer, 1 x Assistant Engineers, 1 x surveyors, 1 x Foreman	792	3,168	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
Average Total Employees per day			23	23	23	23	32	32	31	30	30	33	31	34	34	34	34	34	28	28	19	14	26	26	26	26	4	4	4	4	4	4	4	4	4	4	4	4	36	36	33
Maximum Total Employee Two-way Movements Per Day (car/small van)			46	46	46	46	64	64	62	60	60	66	62	68	68	68	68	68	56	56	38	28	52	52	52	52	8	8	8	8	8	8	8	8	8	8	8	8	72	72	66

Section 3 - Total Vehicle Movement Requirements

Activity	Month																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36				
Materials and Welfare and Operation Plant Daily HGV Movements Total Two-way HGV Movement Per Day	18	18	18	18	18	18	6	10	10	12	14	16	16	16	16	16	10	10	6	4	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	24	24	24		
Increase to account for Miscellaneous allowances presented in Page 11 of Materials Vehicle Movements Tab where the percentage increase is presented	23	23	23	23	23	23	8	13	13	16	18	21	21	21	21	21	13	13	8	6	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31
Construction Plant Average Total two-way HGV Movements (deliveries / Removals) Per Day	2	0	0	0	2	0	2	2	0	2	2	2	0	0	0	0	2	0	2	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4	0	4		
Average total two-way HGV Movements Per Day	25	23	23	23	25	23	10	15	13	18	20	23	21	21	21	21	15	13	10	8	15	13	13	13	2	0	0	0	0	0	0	0	0	0	0	0	35	31	35	
Maximum Total Employee Two-way Movements Per Day (car/small van)	46	46	46	46	64	64	62	60	60	66	62	68	68	68	68	68	56	56	38	28	52	52	52	52	8	8	8	8	8	8	8	8	8	8	8	8	72	72	66	
Employee Two-Way Movmentes Plus additional 10% for Miscellaneous Movements	51	51	51	51	71	71	69	66	66	73	69	75	75	75	75	75	62	62	42	31	58	58	58	58	9	9	9	9	9	9	9	9	9	9	9	9	9	80	80	73
Maximum Total HGV and Car/small van Two-way Movements Per Day (car/small van)	76	74	74	74	96	94	79	81	79	91	89	98	96	96	96	96	77	75	52	39	73	71	71	71	11	9	9	9	9	9	9	9	9	9	9	9	115	111	108	

Section 4 - Average Materials and Welfare and Operation Plant Daily HGV Movements

Activity	Total Working Days	Total HGVs	Months																																							
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36				
Establish construction consolidation site compound and site accesses	88	559	7	7	7	7																																				
Mobilisation of Welfare and Operation Plant to CCS	88	31	1	1	1	1																																				
Site preparation including fencing, temporary drainage and haul road construction.	44	688					16	16																																		
Construction of access roads for National Grid Over Head Line Works	66	602							10	10	10																															
Onshore Export Cable Installation Sction 4A and 4B																																										
Trench Route Clearance / Topsoil Strip	44	0					0	0																																		
Trench Excavation	220	230							2	2	2	2	2	2	2	2	2	2																								
Duct Installation	220	141							1	1	1	1	1	1	1	1	1	1																								
Trench Backfill	198	12								1	1	1	1	1	1	1	1	1																								
Jointing Bay Excavation	242	184								1	1	1	1	1	1	1	1	1	1	1																						
Jointing Bay Base Constriction	198	13									1	1	1	1	1	1	1	1	1	1																						
Pulling and connection of cables	198	37										1	1	1	1	1	1	1	1	1	1	1																				
Jointing Bay Walls and Roof	198	38											1	1	1	1	1	1	1	1	1	1	1																			
Backfill over Jointing Bays	44	0																																				0	0			
Trench Route Reinstatement / Topsoil Reinstatement	66	0																																				0	0	0		
Movement of fence line to minimum extents	88	0																																								
Haul Road Removal (includes removal of fencing) and reinstatement	66	688																																					11	11	11	
Removal of access road for National Grid Overhead Line Works	66	602																																					10	10	10	
Demobilisation of Welfare from CCS	66	31																																					1	1	1	
Construction consolidation site and access road Removal	154	559																																						4	4	4
Average Section Skip HGV Movements Per Day	594	250	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 HGVs per day			9	9	9	9	17	17	14	16	16	7	8	9	9	9	9	5	5	3	2	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27
Total two-way HGV movements per day			18	18	18	18	34	34	28	32	32	14	16	18	18	18	18	10	10	6	4	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54

Section 4 - Average Daily Personnel Requirements

Number of Additional Site Personnel Per Activity (general labourers, drillers, drilling foremen, electricians, joiners, bricklayers etc)	Total Working Days	Total Person Days	Month																																								
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					
Establish construction consolidation site compound and site access off Sizewell Gap Road	22	66	3	3	3	3																																					
Site preparation including fencing, temporary drainage and haul road construction	44	176					4	4																																			
Construction of access roads for National Grid Overhead Line Works	66	198								3	3	3																															
Onshore Export Cable Installation Section 4A and 4B																																											
Trench Route Clearance / Topsoil Strip	44	88					2	2																																			
Trench Excavation	220	330								3	2	2	2	1	1	1	1	1	1																								
Duct Installation	220	330								3	2	2	2	1	1	1	1	1	1																								
Trench Backfill	198	264									2	2	2	1	1	1	1	1	1																								
Jointing Bay Excavation	242	352									2	2	2	1	1	1	1	1	1			2	2																				
Jointing Bay Base Constriction	198	264											2	1	1	1	1	1	1			2	2																				
Pulling and connection of cables	198	286												1	1	1	1	1	1			2	2	3																			
Jointing Bay Walls and Roof	198	330													1	1	1	1	1			2	2	3	3																		
Backfill over Jointing Bays	44	132																																					3	3			
Trench Route Reinstatement / Topsoil Reinstatement	66	198																																					3	3	3		
Movement of fence line to minimum extents	88	264																																									
Haul Road Removal (includes removal of fencing) and reinstatement	66	198																																						3	3	3	
Removal of access road for National Grid Overhead Line Works	66	198																																							3	3	3
Construction consolidation site and access road Removal	154	462																																							3	3	3
Plant Operators																																											
Overall Plant Operators	792	11,220	16	16	16	16	22	22	25	25	25	19	21	23	23	23	23	16	16	9	7	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20		
Section 3 Engineering Personnel																																											
Lead Engineer, 1 x Assistant Engineers, 1 x surveyors, 1 x Foreman	792	3,168	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Average Total Employees per day			23	23	23	23	32	32	38	40	40	33	31	34	34	34	34	28	28	19	14	26	26	26	26	4	4	4	4	4	4	4	4	4	4	4	4	4	39	39	36		
Maximum Total Employee Two-way Movements Per Day (car/small van)			46	46	46	46	64	64	76	80	80	66	62	68	68	68	68	56	56	38	28	52	52	52	52	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	78	78	72

Section 4 - Total Vehicle Movement Requirements

Activity	Week																																									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36						
Materials and Welfare and Operation Plant Daily HGV Movements Total Two-way HGV Movements Per Day	18	18	18	18	34	34	28	32	32	14	16	18	18	18	18	10	10	6	4	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54			
Increase to account for Miscellaneous allowances presented in Page 11 of Materials Vehicle Movements Tab where the percentage increase is presented	23	23	23	23	42	42	35	40	40	18	20	23	23	23	23	13	13	8	5	13	13	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	67	67	67			
Construction Plant Average Total two-way HGV Movements (deliveries / Removals) Per Day	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4			
Average total two-way HGV Movements Per Day	25	25	25	25	46	46	39	44	44	22	24	27	27	27	27	17	17	10	7	15	15	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	71	71		
Maximum Total Employee Two-way Movements Per Day (car/small van)	46	46	46	46	64	64	76	80	80	66	62	68	68	68	68	56	56	38	28	52	52	52	52	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	78	78	72	
Employee Two-Way Movements Plus additional 10% for Miscellaneous Movements	51	51	51	51	71	71	84	88	88	73	69	75	75	75	75	75	62	62	42	31	58	58	58	58	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	86	86	80
Maximum Total HGV and Car/small van Two-way Movements Per Day (car/small van)	76	76	76	76	117	117	123	132	132	95	93	102	102	102	102	79	79	52	38	73	73	73	73	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	157	157	151

National Grid Works

Construction Vehicle movements (quarterly)																				
Activities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Site Enabling																				
HGVs	3000	3000	1500																	
LGVs	950	450	250																	
Substation Works																				
HGVs			160	300	650	650	650	650	800	800	1800	1800	1800	1800	500	500	20	20	40	44
LGVs			720	1120	1900	2180	2180	2180	1850	1850	1850	1850	800	800	800	400	200	200	200	200
Overhead Line Works																				
HGVs						268	268	268	268	402	402			134	264	264			402	402
LGVs						360	360	360	360	360	360			180	360	360				
Totals																				
Total two-way HGV movements per quarter	3000	3000	1660	300	650	918	918	918	1068	1202	2202	1800	1800	1934	764	764	20	20	442	446
Total two-way daily HGV movements (assuming 66 working days per quarter)	45	45	25	5	10	14	14	14	16	18	33	27	27	29	12	12	0	0	7	7
Total dail delivereries	23	23	13	2	5	7	7	7	8	9	17	14	14	15	6	6	0	0	3	3
Total two-way LGV movements per quarter	950	450	970	1120	1900	2540	2540	2540	2210	2210	2210	1850	800	980	1160	760	200	200	200	200
Total two-way daily LGV movements (assuming 66 workidn days per quarter)	14	7	15	17	29	38	38	38	33	33	33	28	12	15	18	12	3	3	3	3
Total daily LGV arrivals	7	3	7	8	14	19	19	19	17	17	17	14	6	7	9	6	2	2	2	2