

# **East Anglia ONE North Offshore Windfarm**

## **Appendix 26.20**

### **HGV and Employee Traffic Assigned to the Construction Programme (Scenario 1)**

Preliminary Environmental Information  
Volume 3

EA1N-DEVWF-ENV-REP-IBR-000295\_020







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	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	2			2	2	2	2											3	3	3			
20T Dumper	3	3	3	3	5	5	5	6	6	6	6	6	6	6	8	8	4	2			2	2	2	2											6	6	6			
Smooth Drum vibrio road roller	1	1	1	1	2	2	1								1	1	1				1	1	1	1											2	2	2			
21T excavator	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	2	1			1	1	1	1											3	3	3			
5T Forward Tipping Dumper	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	2	1			1	1	1	1											3	3	3			
Loading shovel	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	2				2	2	2	2											3	3	3			
Trench Roller							2	2	2	2	2	2	2	2	2	2																				2	2	2		
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	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												1	1	1	1	1	1	1	1	1																				
Mobile concrete pump											1	1	1	1	1	1	1	1	1																					
Telehandler	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1																				
Mobile self-contained welfare unit	2	2	2	2																																	2	2	2	
Crawler Crane							1	1	1	1	1	2	2	2	2	2	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														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														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
<b>Total Plant Onsite In Section Per Month</b>	21	21	21	21	32	32	34	34	34	35	37	41	41	41	47	47	37	25	17	12	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	36	36	36		
<b>Total Deliveries / Removals</b>	21	0	0	0	17	0	8	6	0	1	2	4	0	0	6	0	10	12	8	5	19	0	0	0	19	0	0	0	0	0	0	0	0	0	0	36	0	33		
<b>Average Deliveries / Removals Per Day</b>	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	2	0	2		
<b>Average Total two-way HGV movements (Deliveries / Removals) Per Day</b>	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	4	0	4		





Section 2 - 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	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	2			2	2	2	2											3	3	3							
20T Dumper	3	3	3	3	5	5	5	6	6	6	6	6	6	6	8	8	4	2			2	2	2	2												6	6	6						
Smooth Drum vibrio road roller	1	1	1	1	2	2	1								1	1	1				1	1	1	1												2	2	2						
21T excavator	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	2	1			1	1	1	1													3	3	3					
5T Forward Tipping Dumper	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	2	1			1	1	1	1													3	3	3					
Loading shovel	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	2																					3	3	3				
Trench Roller							2	2	2	2	2	2	2	2	2	2																						2	2	2				
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	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																								
Tractor & soil tiller, roller, seeder															1	1	1					1	1	1	1															1	1	1		
Cement mixer															1	1	1	1	1	1																								
Mobile crane															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																								
Pre-cast concrete truck															1	1	1	1	1	1																								
Mobile concrete pump															1	1	1	1	1	1																								
Telehandler	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1																						
Mobile self-contained welfare unit	2	2	2	2																																				2	2	2		
Crawler Crane								1	1	1	1	1	2	2	2	2	2	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																						1	1	1
<b>Total Plant Onsite In Section Per Month</b>	21	21	21	21	32	32	34	34	34	35	37	41	41	41	47	47	37	25	17	12	19	19	19	19															36	36	36			
<b>Total Deliveries / Removals</b>	21	0	0	0	17	0	8	6	0	1	2	4	0	0	6	0	10	12	8	5	19	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	36		
<b>Average Deliveries / Removals Per Day</b>	1	0	0	0	1	0	1	1	0	1	1	1	0	0	1	0	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2		
<b>Average Total two-way HGV movements (Deliveries / Removals) Per Day</b>	2	0	0	0	2	0	2	2	0	2	2	2	0	0	2	0	2	2	2	2	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4			





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	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	2	2				2	2	2	2									3	3	3		
20T Dumper	3	3	3	3	5	5	5	6	6	6	6	6	6	6	6	6	2	2				2	2	2	2									6	6	6		
Smooth Drum vibrio road roller	1	1	1	1	2	2	1															1	1	1	1									2	2	2		
21T excavator	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	1	1				1	1	1	1									3	3	3		
5T Forward Tipping Dumper	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	1	1			1	1	1	1									3	3	3		
Loading shovel	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3						2	2	2	2									3	3	3		
Trench Roller							2	2	2	2	2	2	2	2	2																			2	2	2		
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	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	1																		
Tractor & soil tiller, roller, seeder																						1	1	1	1									1	1	1		
Cement mixer												1	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												1	1	1	1	1	1	1	1	1																		
Mobile concrete pump											1	1	1	1	1	1	1	1	1																			
Telehandler	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1																	
Mobile self-contained welfare unit	2	2	2	2																															2	2	2	
Crawler Crane							1	1	1	1	1	2	2	2	2	2	2	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												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												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
<b>Total Plant Onsite In Section Per Month</b>	21	21	21	21	30	30	34	34	34	35	37	41	41	41	41	41	25	25	17	12	19	19	19	19										36	36	36		
<b>Total Deliveries / Removals</b>	21				15		10	6			1	2	4				16		8	5	19				19									36		36		
<b>Average Deliveries / Removals Per Day</b>	1	0	0	0	1	0	1	1	0	1	1	1	0	0	0	0	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	2	0	2		
<b>Average Total two-way HGV movements (Deliveries / Removals) Per Day</b>	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	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	13,706	17	17	17	17	26	26	28	27	27	28	30	33	33	33	33	33	17	17	9	7	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28
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	
Average Total Employees per day			24	24	24	24	36	36	38	39	39	42	40	44	44	44	44	44	29	29	19	14	26	26	26	26	4	4	4	4	4	4	4	4	4	4	4	4	4	44	44	41
Maximum Total Employee Two-way Movements Per Day (car/small van)			48	48	48	48	72	72	76	78	78	84	80	88	88	88	88	88	58	58	38	28	52	52	52	52	8	8	8	8	8	8	8	8	8	8	8	8	88	88	82	

**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	32	32	32	32	18	18	10	16	16	18	20	22	22	22	22	22	12	12	6	4	18	18	18	18	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	
Increase to account for Miscellaneous allowances presented in Page 11 of Materials Vehicle Movements Tab where the percentage increase is presented	41	41	41	41	23	23	13	21	21	23	26	28	28	28	28	28	16	16	8	6	23	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44
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	0	4	0	4	
Average total two-way HGV Movements Per Day	43	41	41	41	25	23	15	23	21	25	28	30	28	28	28	28	18	16	10	8	25	23	23	23	2	0	0	0	0	0	0	0	0	0	0	0	48	44	48	
Maximum Total Employee Two-way Movements Per Day (car/small van)	48	48	48	48	72	72	76	78	78	84	80	88	88	88	88	88	58	58	38	28	52	52	52	52	8	8	8	8	8	8	8	8	8	8	8	8	88	88	82	
Employee Two-Way Movements Plus additional 10% for Miscellaneous Movements	53	53	53	53	80	80	84	86	86	93	88	97	97	97	97	97	64	64	42	31	58	58	58	58	9	9	9	9	9	9	9	9	9	9	9	9	9	97	97	91
Maximum Total HGV and Car/small van Two-way Movements Per Day (car/small van)	96	94	94	94	105	103	99	109	107	118	116	127	125	125	125	125	82	80	52	39	83	81	81	81	11	9	9	9	9	9	9	9	9	9	9	145	141	139		



Section 4 - 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	1	1												2	2	2	2									2	2	2					
30T Excavator	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	2	2				2	2	2	2										3	3	3				
20T Dumper	3	3	3	3	5	5	5	6	6	6	6	6	6	6	6	2	2				2	2	2	2											6	6	6			
Smooth Drum vibrio road roller	1	1	1	1	2	2	1	1	1												1	1	1	1											2	2	2			
21T excavator	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	1	1				1	1	1	1											3	3	3			
5T Forward Tipping Dumper	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	1	1				1	1	1	1											3	3	3			
Loading shovel	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3						2	2	2	2											3	3	3			
Trench Roller							2	2	2	2	2	2	2	2	2																					2	2	2		
Tractor & fencing kit					1	1	1	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	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																				
Mobile crane													1	1	1	1	1	1	1	1																				
Grader	1	1	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																																								
Telehandler	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1																			
Mobile self-contained welfare unit	2	2	2	2																																	2	2	2	
Crawler Crane							1	1	1	1	1	2	2	2	2	2	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
<b>Total Plant Onsite In Section Per Month</b>																																								
<b>Total Deliveries / Removals</b>	21	21	21	21	30	30	36	38	38	35	37	41	41	41	41	25	25	17	12	19	19	19	19														36	36	36	
<b>Average Deliveries / Removals Per Day</b>	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
<b>Average Total two-way HGV movements (Deliveries / Removals) Per Day</b>	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	





**Substation - Monthly Construction Plant Requirements**

Activity	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								
D6 Dozer	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2																		2	2	2							
30T excavator	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2																			2	2	2						
20T dumper	4	4	4	6	6	6	6	4	4	2	2	2	2	2	2	2	2																			2	2	2						
Smooth Drum vibro road roller	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2																			2	2	2						
21T excavator	4	4	4	4	4	4	4	4	4	2	2	2	2	4	4	4	4	2																			2	2	2					
5T Forward Tipping Dumper	4	4	4	4	4	4	4	4	4	2	2	2	2	4	4	4	4	2																			2	2	2					
Loading shovel	4	4	4	2	2	2	4	2	2	2	2	2	2	2	2	2	2																				2	2	2					
Tractor & trailer	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
Tractor & Fuel bowser (or self-propelled)	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
Tractor & Water bowser (for dust supression)	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
Grader	4	4	4	4	2	2	4	4	4	2	2	2	2	2	2	2	2																					2	2	2				
Mobile self-contained welfare unit	2	2	2	2																																		2	2	2				
Road surface paver & roller	2	2	2				2	2	2	2	2	2	2	2	2	2	2																						2	2	2			
Concrete batching plant							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	2	2	2	2	2	2	2	2	2				
Dry-mix silos							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			
Cement mixer																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				
Mobile crane (light for general use)														2	2	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
Mobile crane (heavy)																		2	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
Specialist heavy-lifting gantry & associated equipment																		2	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
Static crane																2	2	4	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
Pre-cast concrete truck							2	2	2	2	2	2	2	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				
Mobile concrete pump							2	2	2	2	2	2	2	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				
Telehandler						2	2							2	2	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				
Mobile generator						2	2									2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
3T Forward Tipping Dumper													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	2	2	2				
Scissor lift																2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
Mobile powered aerial platform (boom lift / 'cherry picker')																2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
Scaffolding (deliveries)																2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
Formwork (deliveries)							2	2	2	2	2	2	2	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			
JCB Wheeled excavator														2	2	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				
Forklift																		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
Pump (4 per delivery)				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	2	2	2	2	2	2	2	2	2	2	2	2				
Temporary lighting (8 per delivery)	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				
Trench Roller							2	2																																				
Crawler Crane							2	2																																				
<b>Total Plant Onsite In Section Per Month</b>	46	46	46	46	42	50	68	56	56	42	42	42	42	60	60	78	78	74	66	66	40	40	40	40	40	40	40	40	40	40	40	40	40	40	0	0	0	0	28	28	28			
<b>Total Deliveries / Removals</b>	46	0	0	8	4	8	18	12	0	14	0	0	0	18	0	18	0	36	24	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	28	
<b>Average Deliveries / Removals Per Week</b>	12	0	0	2	1	2	5	3	0	4	0	0	0	5	0	5	0	9	6	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	7	
<b>Average Total two-way HGV movements (Deliveries / Removals) Per Week</b>	24	0	0	4	2	4	10	6	0	8	0	0	0	10	0	10	0	18	12	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	14
<b>Average Total two-way HGV movements (Deliveries / Removals) Per Day</b>	5	0	0	1	1	1	2	2	0	2	0	0	0	2	0	2	0	4	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3



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
<b>Site Enabling</b>																				
HGVs	3000	3000	1500																	
LGVs	950	450	250																	
<b>Substation Works</b>																				
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
<b>Overhead Line Works</b>																				
HGVs						268	268	268	268	402	402			134	264	264			402	402
LGVs						360	360	360	360	360	360			180	360	360				
<b>TOTALS</b>																				
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