

Appendix 13C

Programme with Expected Construction Traffic Flows

Monthly movements of site construction traffic	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	Total
Month:																												
Delivery of Temp Compound fencing and huts	56																											56
Delivery of plant and equipment	60																											60
Road stone for Temp Compounds	563																											563
Culvert and Bridge Materials	6	14	14	14	14	14	14	14	14	14	13	13	13	13														184
Stone for Crane Pads			603	604	603	604	603	604	603	604	603	603	604															6638
Stone for Control building Compound						223	222	223	223	223	223	223	222															1782
																												0
Concrete for Control Building compound, Transformer/generator Plinths						15	14	15	14	14	14	15	14	15	14													144
Geogrid	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5													80
Delivery of Control Building Equipment					60	60																						120
Cabling												2	7	7	7	7	6	2										38
Sand	50	66	66	66	66	66	66	66	66	66	66	65	65	65	49													954
Turbine Bases (concrete)					640	640	640	640	640	640	640	640	640	640	640													7040
Reinforcing Steel + Shuttering					19	20	20	20	20	20	20	20	20	19	19													217
Base Anchors					2	1	2	1	2	1	2	1	2	1	1													16
Concrete for WTG Transformer foundations (ext), Met mast														4	4													8
Crane Delivery												4																4
WTG Backfill					252	252	252	252	252	252	252	252	252	252	252													2772
Delivery of Turbines (abnormal loads only on delivery)											88	176	176															440
Delivery of MET mast														6														6
Crane Removal																				4								4
Delivery of WTG transformer and externals															4	4	4	4										16
Delivery of BESS concrete																134												
Delivery of BESS equipment																92	92											
Removal of Plant and compound equipment																		20	20	20								60
																												0
																												21202
Total Trips (Excluding concrete for Turbine Bases) per month	740	85	688	689	1021	1260	1198	1200	1199	1199	1286	1379	1380	387	355	237	102	26	20	24	0	0	0	0	0	0	0	14480
Movements for Turbine Concrete Foundations only per month	0	0	0	0	640	640	640	640	640	640	640	640	640	640	640	0	0	0	0	0	0	0	0	0	0	0	0	7040
Total Trips (Including concrete for Turbine Bases) per month	740	85	688	689	1661	1900	1838	1840	1839	1839	1926	2019	2020	1027	995	237	102	26	20	24	0	0	0	0	0	0	0	21520
Movements/day (average assuming 22 working days/month)	34	4	32	32	76	87	84	84	84	84	88	92	92	47	46	11	5	2	1	2	0	0	0	0	0	0	0	
Movements/hr (average 8hr day)	5	1	4	4	10	11	11	11	11	11	11	12	12	6	6	2	1	1	1	1	0	0	0	0	0	0	0	
Movements/hr (average 12hr day)	3	1	3	3	7	8	7	7	7	7	8	8	8	4	4	1	1	1	1	1	0	0	0	0	0	0	0	