

Hill of Fare Wind Farm

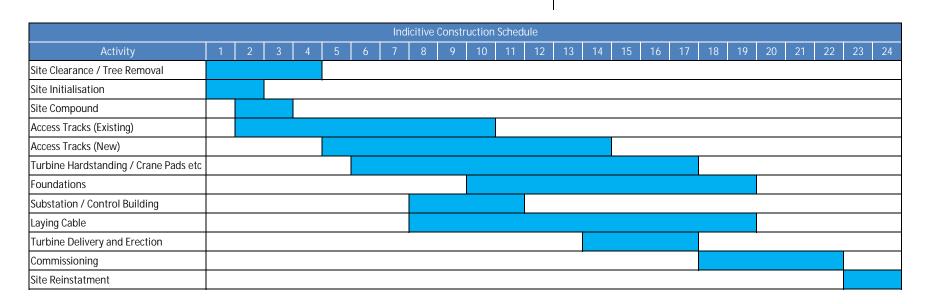
Technical Appendix 11.2
Estimated Traffic Flows

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Anticipated Construction Traffic Movements

Site Clearance	Months Duration
Site Clearance	188 4 120 2* 30 2* 5 2* 39 2 1 1 340 9 5 5 1 1 562 10
Timber HGVS	120 2* 30 2* 5 2* 39 2 1 1 340 9 5 5 1 1 562 10
Site Initialisation	120 2* 30 2* 5 2* 39 2 1 1 340 9 5 5 1 1 562 10
Site Office Accommodation	30 2* 5 2* 39 2 1 1 340 9 5 5 1 1 562 10
Plant (including cranes) Low loader 10 20	30 2* 5 2* 39 2 1 1 340 9 5 5 1 1 562 10
Site Fencing Flat bed lorry 3 2	5 2* 39 2 1 1 340 9 5 5 1 1 562 10
Site Compound	39 2 1 1 340 9 5 5 1 1 562 10
Aggregate. 80% sourced from Borrow Pits Road Borne Tipper lorry 20 20	1 1 340 9 5 5 1 1 562 10
Commembrane Flat bed lorry 1	1 1 340 9 5 5 1 1 562 10
Access Tracks Within Site (Upgrade of Existing) Aggregate. 80% sourced from Borrow Pits Road Borne Tipper lorry 39 38 38 39 38<	340 9 5 5 1 1 562 10
Aggregate. 80% sourced from Borrow Pits Road Borne Tipper lorry 39 38 38 39 38 <td>5 5 1 1 562 10</td>	5 5 1 1 562 10
Geomembrane	5 5 1 1 562 10
Culverts/pipes for stream crossings Flat bed lorry 1 Image: Company of the company	1 1 562 10
Access Tracks Within Site (New) Aggregate. 80% sourced from Borrow Pits Road Borne Tipper lorry 57 56 56 57 56 5	562 10
Aggregate. 80% sourced from Borrow Pits Road Borne Tipper lorry 57 56 56 57 56 56 57 56 <td></td>	
Geomembrane Flat bed lorry 2 1 2 1 2 1 2 1 2 1 2 1 Crane Pads and Turbine Hardstanding Areas within Site	
Crane Pads and Turbine Hardstanding Areas within Site	6 10
	315 12
Geomembrane Flat bed lorry 1 <td>4 4</td>	4 4
Concrete batched on site	
	672 10
	256 10
Reinforcing steelwork Flat bed lorry 7 6 6 6 6 6 6 6	61 10
Formwork Flat bed lorry 5 5	5 1*
Substation & Control Building	
Ancillary building materials Flat bed lorry 50 50	100 2
Transformer Abnormal load 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1
Aggregate. 80% sourced from Borrow Pits Road Borne Tipper lorry 5 4 5 4	20 4
Flat bed lorry 1 1 1	1 1
Cabling	
Cable supply Flat bed lorry 2 2 2 1 2 2 2 1 2 2	28 12
Bedding sand. Externally Sourced Tipper lorry 220 220 219	2,640 12
Turbine Components	
Tower sections (Inbound single movement) Abnormal load 16 16 16 16 16 16 16 1	64 4**
Nacelles (Inbound single movement) Abnormal load 4 4 4 4 4	16 4**
Blades (Inbound single movement) Abnormal load	48 4**
Non Abnormal Load components Flat bed lorry 12 12 12 12 12	48 4
Fuel	
	104 24
Labour Figure 1 and 1 an	
	1,320 24
Contraction 100 100 100 100 100 100 100 100 100 10	1020
Standard HGV Deliveries 115 205 #REF! #REF! #REF! #REF! 129 127 355 354 508 463 410 408 452 396 394 394 325 328 4 4 4 97 66 #	REF!
	129
	REF!
	1,320
,	REF!
Total Staff Movements 360 360 360 360 360 360 360 360 360 360	3640
Total Delivery Daily Movements 12 21 #REF! #REF! 13 13 36 35 51 46 41 41 48 43 43 43 33 33 0 0 0 10 7 #	REF!
Total Staff Daily Movements 18 18 18 18 18 18 18 18 18 18 18 18 18	432

NOTES:

One delivery requires two vehicle movements. Therefore the anticipated increase in vehicles as a result of construction is represented by "Total Delivery Movements"

Estimates are based on previous projects of a similar size and nature and current design/project information

Assumes that 80% of aggregate will be won from borrow pits on site Assumes cement, structural fill and all sand are imported

Assumes that all concrete will be batched onsite

^{*} Requires a second round-trip to collect from site

^{**}Abnormal load movements are typical inbound only. Once unloaded the vehicle reduces to be moved as a regular HGV.