



Technical Appendix

11.2: Construction

Development

Programme

Department: ERM
Project: Springfield Solar Farm and BESS
Document Code: 0733745

May 2025

	Month																		
Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	TOTAL**
	HGVs																		
Mobilisation & Demobilisation	30																	30	60
Access Tracks & Hardstanding	563	563	563	563	563	563	563	563	563	563	563	563							6,756
Substation Compound										25	25	33							84
Solar Panels												105	105	105	105	105	105		633
BESS Container, PCS & Transformer Unit													50	50	50				150
Combiner Boxes, Cable Drums, Inverters and Transformer Centre							14	14	14	14	14	14	14						101
Auxiliary Component Deliveries										4	4	4							11
Miscellaneous Deliveries	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	122
Fuel Delivery	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	36
Sub-Total	602	572	572	572	572	572	586	586	586	615	615	729	179	164	164	114	114	39	7,952
	Abnormal Loads																		
Substation Compound												8							8
Sub-Total												8							8
	Staff Cars and Vans																		
Commissioning																	40	40	80
Escort Vehicles												16							16
Staff	163	163	163	692	692	692	692	1,222	1,222	1,222	1,222	1,222	1,222	1,222	692	692	692	163	14,053
Total Cars & Vans	163	163	163	692	692	692	692	1,222	1,222	1,222	1,222	1,238	1,222	1,222	692	692	732	203	14,149
Total (All vehicles)	765	735	735	1,264	1,264	1,264	1,279	1,808	1,808	1,837	1,837	1,975	1,401	1,386	857	807	847	242	22,109
Total HGV	602	572	572	572	572	572	586	586	586	615	615	737	179	164	164	114	114	39	7,960
Average Total Traffic per Day*	29	28	28	49	49	49	49	70	70	71	71	76	54	53	33	31	33	9	850
Average HGV Traffic per Day*	23	22	22	22	22	22	23	23	23	24	24	28	7	6	6	4	4	1	306

*Assumes 26-day working month **Totals may not add up due to rounding