

Bingally OHL Tie In
 LT521
 Vehicle Numbers
 Site Start
 Overall Completion

Sep-26

Jun-29

ESTIMATED NUMBER OF VEHICLES ENTERING THE SITE PER MONTH (PER VISIT)										Overhead Line Tie In						Substation			Cumulative	
Vehicle		Articulated Truck	Crane 200T	Concrete Lorry	30T Lorry	30T Lorry	20T lorry	Vans / Pick Ups	Cars											
Gross Weight - T		45.0	60.0	32.0	30.0	30.0	20.0	3.5	2.0											
Axle Numbers		6	5	4	4	4	2	2	2											
Purpose		Deliveries of Plant and Steel	Tower erection, tower dismantling, Lifting Accommodation Units	Concrete Deliveries and Concrete Pumping	Stone deliveries, stone and spoil removal	Miscellaneous yard deliveries	MES 4X4 Lorry for transport between Yard and Tower Locations	Personnel travel to/from site locations & compound	Personnel travel to/from site locations & compound											
Kerb to Kerb Turning Radius		18m	12m	12m	12m	12m	12m	8m	8m											
Programme Activity										OHL HGVs	OHL Total	HGV Two Way	Total Two Way	Daily HGV	Daily Total	HGV	HGV Two-way	Total	HGV	Total
Sep-26	Civils Stoning	2			120	40			180	162	342	324	684	15	31	18	36	122	51	153
Oct-26	Civils Stoning				120	40			180	160	340	320	680	15	31	25	50	136	65	167
Nov-26	Civils Stoning / Foundations	2		120	120	20		45	180	262	487	524	974	24	44	41	82	168	106	274
Dec-26	Civils Stoning / Foundations	2		120	84	20		60	180	226	466	452	932	21	42	41	82	228	103	331
Jan-27	Foundations	2		60		20		30	180	82	292	164	584	7	27	51	102	248	109	357
Feb-27	Mobilisation	13				40	4		180	59	239	118	478	5	22	69	138	284	143	427
Mar-27	Wiring		4			20	4		180	28	208	56	416	3	19	74	148	294	151	475
Apr-27	Wiring					20	4	90	180	24	294	48	588	2	27	74	148	306	150	456
May-27	Wiring / Steelwork					20	4	330	180	24	534	48	1068	2	49	91	182	342	184	526
Jun-27	Wiring / Steelwork		4			20	4	330	180	28	538	56	1076	3	49	86	172	372	175	547
Jul-27	Wiring	5				40	4	330	180	49	559	98	1118	4	51	87	174	374	178	565
Aug-27	Demobbed									0	0	0	0	0	0	82	164	384	164	548
Sep-27	Demobbed									0	0	0	0	0	0	113	226	600	226	600
Oct-27	Demobbed									0	0	0	0	0	0	107	214	588	214	588
Nov-27	Demobbed									0	0	0	0	0	0	101	202	576	202	576
Dec-27	Demobbed									0	0	0	0	0	0	89	178	572	178	572
Jan-28	Demobbed									0	0	0	0	0	0	87	174	568	174	568
Feb-28	Foundations			120		40		30	180	160	370	320	740	15	34	64	128	482	143	625
Mar-28	Foundations	5		120		20		30	180	145	355	290	710	13	32	50	100	454	113	567
Apr-28	Steelwork / wiring		2			20	4	180	180	26	386	52	772	2	35	50	100	436	102	538
May-28	Wiring					40	4	180	180	44	404	88	808	4	37	46	92	486	96	582
Jun-28	Demobbed									0	0	0	0	0	0	36	72	446	72	518
Jul-28	Wiring / Steelwork		2			40	4	180	180	46	406	92	812	4	37	36	72	436	76	512
Aug-28	Steelwork		2			40	4	45	180	46	271	92	542	4	25	36	72	436	76	512
Sep-28	Demobbed									0	0	0	0	0	0	36	72	432	72	504
Oct-28	Demobbed									0	0	0	0	0	0	41	82	440	82	440
Nov-28	Demobbed									0	0	0	0	0	0	41	82	440	82	440
Dec-28	Demobbed									0	0	0	0	0	0	45	90	408	90	408
Jan-29	Demobbed									0	0	0	0	0	0	45	90	366	90	366
Feb-29	Demobbed									0	0	0	0	0	0	7	14	156	14	156
Mar-29	Wiring					40	4	180	180	44	404	88	808	4	37	7	14	136	18	173
Apr-29	Wiring					20	4	180	180	24	384	48	768	2	35	7	14	126	16	161
May-29	Wiring / Reinstatement	5			120	20	4	180	180	149	509	298	1018	14	46	7	14	126	28	172
Jun-29	Reinstatement				60	40		15	180	100	295	200	590	9	27	7	14	124	23	151
										0	0	0	0	0	0	0	124	0	124	
										0	0	0	0	0	0	0	124	0	124	
TOTAL		36	16	540	624	620	52	2415	3780						43					

Assumptions

- HGVs - For plant 5. For steel 2 per tower (4 towers)
- Crane - 2 days per tower erection and dismantle
- Concrete lorries - Up to 12 lorries per day for foundations
- Stone deliveries - Up to 6 per day (14m³ per lorry)
- Allows 2x deliveries per day at start and end of each phase and 1x per day during works - Skips, general deliveries, toilets etc.
- MES lorry - enters and leaves site once per day
- Vans / pick-ups - 11x per gang (Inc. Lines workers 5x vans, 5x CH pickups and foreman 1x pickup) - (Accounts for half vehicles leaving site during breaks - 1.5x per day average)
- Staff cars - Up to 6 per day - (Accounts for half vehicles leaving site during breaks - 1.5x per day average)