

Appendix 13-1-3

Traffic Volumes

Timahoe North Solar Farm Construction Methodology

Material/Equipment	Vehicle Type	Number of Deliveries	Vehicle Movements
Site offices and welfare	Large articulated truck	35	70
Stone deliveries	4 axle truck	9,400	18,800
Drainage Items	Large articulated truck	40	80
Plant deliveries	Large articulated truck	30	60
Security Fencing	Large articulated truck	40	80
Piles	Large articulated truck	200	400
Framing	Large articulated truck	420	840
Panels	Large articulated truck	502	1,004
Inverters	Large articulated truck	29	58
Cabling	Large articulated truck	100	200
Concrete	4 axle truck	100	200
110 kV Electrical Substation	Large articulated truck	400	800
110 kV Transformer	Abnormal load delivery	1	1
Demobilisation	Large articulated truck	35	70
Light construction traffic & Site staff	Van/car	14,100	28,200

Figure 9 Construction Traffic (Based on a construction period of 400 working days)

*Bulk of Stone deliveries are expected to be ongoing from month 1 to 8 of the construction period.