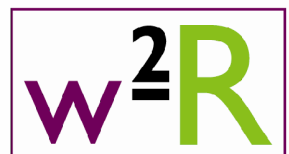


# Appendix 8.3

## Construction Traffic



## Four Ashes EfW construction

Estimate of workforce at peak operation

This assumes most of the construction activities are underway simultaneously, which is unlikely to occur for more than a brief period of 1-2 months

### Construction staff (cars)

#### Construction management and supervision

Construction managers	8
Site engineers	15
Technicians	15
QS	3
Site foremen	15
Administration & support	8

Structural concrete team 20

Steelwork and cladding team 25

#### External works

Drainage & pipework	10
Fencing	5
Lighting	6
Roads & earthworks	8
Access ramp	10

#### M&E

Boiler installation	15
Crane gantry and waste handling	6
Grate and conveyors	10
Flue gas treatment	20
Ash handling system	10
Turbine hall	8

#### Administration building

Building work	15
Internal trades	20

Electricians	20
Stores and plant management	5
General labour	20

Total construction staff 297

Some teams will travel by minibus

Some will travel individually

Assume 2 staff per vehicle 149 vehicles per day

Say 80% of staff arrivals will occur 07:00 to 08:00 120

Say 80% of staff departures will occur 17:30 to 18:30 120

Allow for other visitors and small deliveries 30 vehicles per day  
(between 09:00 to 17:00)

#### Materials deliveries (at peak) (HGVs)

Steelwork	2 per day
Bar reinforcement	1 per day
Concrete	4 per day
Admin building materials	4 per day
Drainage and other external materials	1 per day
Aggregates	1 per day
M&E plant deliveries	3 per day
Deliveries and maintenance of construction plant	1 per day
Fuel	1 per day

Total HGVs 18 HGVs per day

(between 08:00 to 19:00)

Total vehicle movements (assuming 1 arrival and departure per vehicle):

Cars	298
HGVs	36
	334