

Annexure C22: Operational Phase Trip Generation (THYSPUNT)

Land Use Type	People (No)	Directional Percentage of Shift Staff Travelling in Peak hour				Total Peak Person Trips Generated						Mode of Transport			Total Vehicle Trips Generated						
		AM Peak		PM Peak		AM Peak			PM Peak			Private Transport	Public Transport			AM Peak			PM Peak		
		In (Shift 2)	Out (Shift 1)	In (Shift 3)	Out (Shift 2)	In	Out	Total	In	Out	Total		Taxi	Bus	Rail	In	Out	Total	In	Out	Total
Proposed Nuclear Site at Thyspunt	1300	30%	80%	30%	30%	234	156	390	97.5	234	332	70%	20%	10%	0%	113	75	188	47	113	160
TOTAL	1300					234	156	390	97.5	234	332					113	75	188	47	113	160

Shift	% Staff per shift	No. Staff per shift
Shift 1	15%	195
Shift 2	60%	780
Shift 3	25%	325
Total	100%	1300

Mode of Transport	Average Occup	Capacity
Private Vehicle	1.5	5
Taxi	15	15
Bus	60	60