

Annexure C12: Construction Phase Trip Generation (THYSPUNT)

| Land Use Type | People (No) | Peak Day Construction workers | Percentage Peak Hour Private Transport Trips | | | | Percentage Peak Hour Public Transport Trips | | | | Mode of Transport | | | | Total Vehicle Trips Generated | | | | | |
|-------------------------------------|-------------|-------------------------------|--|-----|---------|-----|---|-----|---------|-----|-------------------|------------------|-----|------|-------------------------------|-----------|------------|-----------|------------|------------|
| | | | AM Peak | | PM Peak | | AM Peak | | PM Peak | | Private Transport | Public Transport | | | AM Peak | | | PM Peak | | |
| | | | In | Out | In | Out | In | Out | In | Out | | Taxi | Bus | Rail | In | Out | Total | In | Out | Total |
| Proposed Nuclear 1 Site at Thyspunt | 6000 | 80% | 70% | 0% | 0% | 80% | 70% | 80% | 90% | 80% | 30% | 20% | 50% | 0% | 745 | 83 | 828 | 94 | 851 | 945 |
| TOTAL | 6000 | | | | | | | | | | | | | | 745 | 83 | 828 | 94 | 851 | 945 |

| Mode of Transport | Average Occupancy | Capacity |
|-------------------|-------------------|----------|
| Private Vehicle | 1.5 | 5 |
| Taxi | 15 | 15 |
| Bus | 60 | 60 |