

Appendix C7.02

Employment Calculations

Construction Phase Net Employment Calculation

	Section 1	Section2	Section 3	Example as per Appendix C
Base year	2011	2011	2011	2011
Current year	2025	2025	2025	2025
GVA year	2024	2024	2024	2024
Construction Capex	165,908,601	115,194,942	215,403,904	500,000,000
Construction period	3	3	3	5
Deflation Value Factor	0.82	0.82	0.82	0.82
Deflation Value (DF)	135,325,123	93,959,985	175,696,496	407,830,343
DF / 1 million (labour coefficient)	135.325	93.960	175.696	407.830
Gross Employment Generation	1,632	1,133	2,119	4,918
Gross Employment Generation Per Year	544	378	706	984
Additionality Factor				
Leakage	10.40%	10.40%	10.40%	10.40%
Substitution	37.40%	37.40%	37.40%	37.40%
Displacement	2.20%	2.20%	2.20%	2.20%
Multiplier Effect	2.7	2.7	2.7	2.7
(i) Jobs lost to leakage	56.6	39.3	73.5	102.3
(ii) Jobs lost to substitution	182.3	126.6	236.7	329.6
(iii) Jobs lost to displacement	6.7	4.7	8.7	12.1
Total jobs lost	245.6	170.5	318.9	444.1
Deduct Total Jobs lost from Gross employment per annum	298.4	207.2	387.4	539.6
Net Employment Generation	806	559	1,046	1,457
Economic Output (GVA) Calculation				
GVA	83,598	83,598	83,598	83,598
Economic Out	67,357,508	46,768,186	87,452,188	121,797,498