

# RoI Calculations for Full Electric Kit

## Full - Electric

Vehicle Platform	:	Tata 1512
Vehicle Age	:	2 years
Daily Range	:	250 km
Cost of System	:	Rs 93 Lakhs
IRR	:	27%
ROI	:	74%
Breakeven Time	:	4 years

Investment (per km)	:	Rs 12.3
Operational Savings (per km)	:	Rs 21.5
Net Lifetime Savings	:	Rs 9.2

- @ Electricity tariff Rs 8 per unit with 3% annual increase
- @ Diesel Price Rs 62.5 per litre with 7% annual increase
- @ battery life of 3000 cycles
- @ 10 years life of retrofitted bus
- @ Diesel Mileage 3 km per litre
- @ Annual Running Days - 300
- @ Hybrid efficiency improvement of 18%

\*All costs are purely indicative.