

# RoI Calculations for HEV Kit

## Semi - Electric

Vehicle Platform	:	Tata 1512
Vehicle Age	:	2 years
Daily Range	:	250 km
Cost of System	:	Rs 12 Lakhs
IRR	:	36%
ROI	:	90%
Breakeven Time	:	3.5 years

Investment (per km)	:	Rs 1.58
Operational Savings (per km)	:	Rs 3.46
Net Lifetime Savings (per km)	:	Rs 1.88

- Semi-electric system gives better performance on high traffic routes which have high frequency of braking and acceleration events. Such routes are generally city-bus and intra city cargo
- Full Electric turns viable if the daily range is more than 120 km



*\*All costs are purely indicative*