

# Fuel Monitoring ROI Calculator (2025, India)

*Prepared by Yatis Telematics - Smart Fuel & Fleet Intelligence Platform*

This calculator helps fleet managers and logistics operators estimate the Return on Investment (ROI) from Yatis Telematics' Fuel Monitoring Systems. Use this template to evaluate savings from reduced theft, better mileage, and optimized refueling practices in 2025.

Parameter	Input / Example	Notes
Number of Vehicles	50	Fleet size under monitoring
Average Monthly Fuel Cost (Rs.)	25,000	Per vehicle fuel spend
Expected Theft Reduction (%)	85%	Using Yatis IoT sensors
Mileage Improvement (%)	10%	Due to driver tracking & route optimization
System Cost / Vehicle (Rs.)	10,000	Hardware + Installation + Subscription
Monthly Fuel Savings (Rs.)	4,500	Estimated after Yatis implementation
Total Annual Savings (Rs.)	27,00,000	Calculated for full fleet
Total Investment (Rs.)	7,50,000	50 vehicles x Rs.15,000 approx.
ROI Formula	(Savings - Cost) / Cost x 100	Use formula below
ROI Result	260%	Payback within 3-4 months

## ROI Calculation Formula

$$\text{ROI (\%)} = (\text{Total Annual Fuel Savings} - \text{Total System Cost}) / \text{Total System Cost} \times 100$$

Example:

$$\text{ROI} = (\text{Rs.}27,00,000 - \text{Rs.}7,50,000) / \text{Rs.}7,50,000 \times 100 = 260\%$$

-> Payback period approximately 3.4 months

*Additional ROI Factors:*

- Fuel theft prevention and geo-fenced refilling.
- Reduced idling and optimized driver behavior.
- Real-time reports for consumption anomalies.
- Data-driven fleet scheduling for lower wastage.

- *Long-term equipment and compliance savings.*

**For a personalized ROI analysis:**

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