BEV Cost Calculator Report

Prepared for: Test Company

Prepared by: Claude Code

Generated on: 8/26/2025

Executive Summary

10-Year Total Cost Comparison:

Diesel Fleet: \$1,362,217

Electric Fleet: \$1,511,804

Net Savings: Loss of \$149,587

Break-even Point: Beyond 10 years

Detailed Cost Analysis

Cost Category	Diesel	Electric	Difference	
Net Upfront Cost	\$175,853	\$586,525	\$410,672	
Fuel Cost per Mile	\$0.769	\$0.880	\$0.111	
Annual Operating Cost	\$126,636	\$92,528	-\$34,108	
LCFS Revenue per Year	-	+\$31,372	+\$31,372	

Vehicle Specifications

Diesel Vehicle:

Purchase Cost: \$175,853 Fuel Efficiency: 5.5 MPG Annual Miles: 70,000

Electric Vehicle:

Purchase Cost: \$586,525

Energy Efficiency: 2.2 kWh/mile

Annual Miles: 70,000

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