

City of Boston achieves 28% improvement in miles driven per gallon with the XL3® Hybrid Electric Drive System

Challenge

Support the City of Boston's commitment to replace older, inefficient vehicles with alternative vehicle technologies.

Solution

Upfit 13 Ford and GM vans and shuttles with the XL3 Hybrid Electric Drive System and measure results through the XL Link™ wireless data connectivity system.

Results

The City of Boston is achieving a 28% improvement in miles driven per gallon in a heavy urban environment, and through variable weather conditions including winter snow and summer heat.

XL Hybrids uses XL Link vehicle data to report to City of Boston central fleet management about MPG performance, and track key performance indicators like idling, vehicle duty cycle, CO2 emissions, and vehicle uptime.

"The ability to retrofit vehicles in our existing fleet has allowed us to see immediate sustainability benefits and operating cost savings. The technology has performed well in our heavy urban driving environment, and been reliable for our Transportation Department's Senior Shuttle and Traffic Enforcement divisions."

– William Coughlin, Director of Central Fleet Management City of Boston

Boston FleetHub

Hybrid Fleet
Electrification
Numbers

28%
Improvement in Miles
Driven per Gallon

120,000
Cumulative Road Miles

99.9+%
Hybrid Vehicle Uptime

22%
Reduction in CO2
Emissions

**Vehicle Type: Ford and GM
Vans and Shuttles**

