

Montgomery County, MD gains 27% increase in miles driven per gallon with the XLH™ Hybrid Electric Drive

Challenge

Build a fleet that's greener, cleaner, and more sustainable.

Solution

Retrofit 24 Ford cargo vans with the XLH Hybrid Electric Drive System and measure results through the XL Link™ wireless data connectivity system.

Vehicles

Ford cargo vans used by the County Maintenance department for plumbers, electricians, and road safety crews.

Results

After installing XL technology, Montgomery County immediately increased fuel economy by 27% and reduced greenhouse gas emissions and its carbon footprint. The County anticipates a total annual savings of \$1,540 per van (\$15,400 for the initial 10-van fleet) based on reducing fuel consumption and brake maintenance, and increased productivity.

"By initially converting 10 Ford cargo vans, we're seeing an immediate return on investment through reduced operating costs, thousands of dollars in fuel savings, and reduced emissions. We reordered 14 additional vehicles with the XL system this year."

– William Griffiths, Division Chief, Montgomery County



Hybrid Fleet Electrification Numbers

27%
Improvement in Miles Driven per Gallon

1.3+ million
Projected Lifetime Hybrid Miles

\$154,000
Projected Lifetime Fleet Operational Savings*

21%
Reduction in CO2 Emissions

*Based on brake maintenance savings, fuel savings, and driver productivity.



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