Fuel Economy Improvements from a Hybrid-Electric/Diesel Powertrain in a Class 4 Parcel Delivery Vehicle

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• Fuel economy testing of a parallel hybrid-electric diesel delivery van propulsion system currently being operated by United Parcel Service (UPS)

• A P100H hybrid and a P100D standard diesel were tested at NREL’s Renewable Fuels and Lubricants (ReFUEL) research laboratory. Testing was performed over multiple standard drive cycles to evaluate the fuel economy gained through hybridization.

• Hybrids demonstrated a statistically significant 13% to 36% improvement in fuel economy