Accelerated testing was completed in January 2009 and the final results can be found in the table to the right. The Electrovaya Escape averaged 36.7 mpg over the 5,570 miles of testing (5,440-mile goal). Based on an electricity cost of 10 cents per kWh and a gasoline cost of $3.00 per gallon, the fuel cost was 0.996 cents per mile for electricity and 8.17 cents per mile for gasoline, for a total fuel cost of 9.17 cents per mile for the Electrovaya Escape PHEV. The base Ford Escape HEVs tested by the AVTA averaged 27 mpg, so the conventional HEV Ford Escape fuel cost would average 11.11 cents per mile.

If the Electrovaya Escape PHEV were operated for 100,000 miles at 36.7 mpg, it would use 2,725 gallons of gasoline while the HEV Escape would use 3,704 gallons of gasoline over 100,000 miles at 27 mpg – 36% more gasoline than the Electrovaya Escape PHEV.

This testing did document 65 mpg testing results when the Electrovaya Escape PHEV is driven in the 10-mile urban application test loops, so depending how this vehicle is operated, actual petroleum savings can be much greater.