Accelerated testing was completed in September 2008 and the final results can be found in the table to the right. The Renault Kangoo operated in all-electric mode during all of the 40-mile and shorter test cycles. During the 60- and 80-mile test cycles, both the electric motor and gasoline engine were required to propel the Kangoo. Note that the 100- and 200-mile cycles were not performed due to gasoline engine and inverter failures.

Based on an electricity cost of 10 cents per kWh, the total fuel cost for the Kangoo was 3.27 cents per mile for electricity when in all-electric mode.

Again using 10 cents per kWh for electricity and a gasoline cost of $3.00 per gallon, during the 60- and 80-mile cycles, the fuel cost was 0.81 cents per mile for electricity and 7.08 cents per mile for gasoline (at 42.4 mpg), for a total fuel cost of 7.89 cents per mile for the Renault Kangoo.

While not a perfect comparison, the Ford HEV Escape averaged 27 mpg in AVTA testing, so the conventional HEV Ford Escape fuel cost would average 11.11 cents per mile.

For more information contact:
EERE Information Center
1-877-EERE-INF (1-877-337-3463)
www.eere.energy.gov
Or http://avt.inl.gov