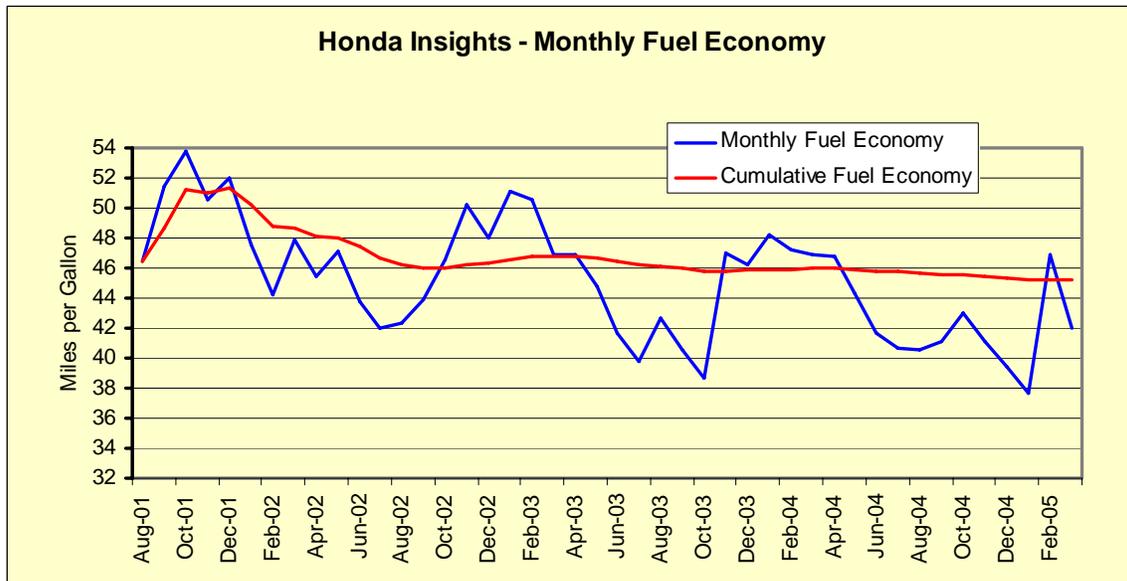


## Honda Insight Hybrid Electric Vehicle Fleet and Accelerated Reliability Testing – September 2006

A total of six Honda Insight hybrid electric vehicles (HEVs) started entering Fleet and Accelerated Reliability testing during August 2001, in three fleets in Arizona. Three of the Insight HEVs were driven less than 25,000 miles each (Fleet testing) and the fourth was driven 68,000 miles. During January 2005, the fifth Insight reached 160,000 miles (Accelerated Reliability Testing) and active mileage accumulation stopped, while the remaining Insight completed testing during March 2005 due mechanical issues, when it had accumulated 146,000 miles. The two high-mileage Insights had their fuel efficiencies retested on dynamometers (with and without air conditioning) and their batteries were capacity tested at the end of testing . The results of this testing can be found in the end-of-life testing report titled: *Hybrid Electric Vehicle End-of-Life Testing On Honda Insights, Honda Gen I Civics and Toyota Gen I Priuses*. INL/EXT-06-01262. The report can be found at: [http://avt.inl.gov/pdf/hev/end\\_of\\_life\\_test\\_1.pdf](http://avt.inl.gov/pdf/hev/end_of_life_test_1.pdf)

One page, vehicle fact sheets and maintenance logs have been posted for the HEVs on nearby www pages. The information includes: miles driven, fuel economy, operations and maintenance requirements, operating costs, life-cycle costs, and any unique driving issues.

The six Insight HEVs were driven a total of 417,450 miles and the cumulative average fuel economy for the Insights HEVs was 45.2 miles per gallon.



### Honda Insights - Miles Driven

