# freedom CAR & vehicle technologies program

U.S. Department of Energy

Office of Energy Efficiency and Renewable Energy

## **HEV Fleet Testing**

**Advanced Vehicle Testing Activities** 



### 2003 Civic Hybrid

VIN # JHMES96653S001622

# FreedomCAR

Less dependence
on Foreign oil,
and eventual
transition to an
emissions-free,
petroleum-free
vehicle

#### Fleet Performance

#### **Description:**

This vehicle was assigned to an Electric Transportation Applications employee (in Phoenix, AZ) to accumulate mileage in home-to-work and local business travel missions, as well as a planned urban route as necessary to achieve monthly mileage objectives. Mileage accumulated in highway travel was less than 20% of the total miles driven.

## **Major Operations & Maintenance Events:**None

#### **Operating Cost:**

Purchase Cost: \$25,834 (4/02)\*
Kelly Used Vehicle Price: \$16,725

Kelly Used Vehicle Price: \$16,725 (1/04)

Sale Price: \$16,850 (1/04) Maintenance Cost: \$0.01/mile Operating Cost: \$0.13/mile Total Ownership Cost: \$0.46/mile

#### **Operating Performance:**

Total miles driven: 27,887 Cumulative MPG: 36.26

### **Vehicle Specifications**

Engine: 4-cylinder, 70 kW @ 5700 rpm

Electric Motor: 10 kW

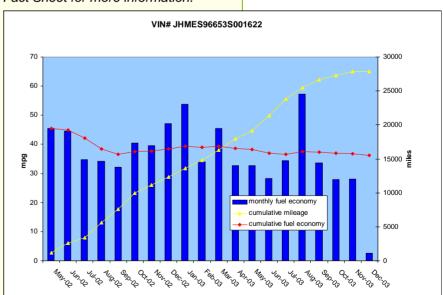
**Battery:** Nickel Metal Hydride **Seatbelt Positions:** Five

Payload: 882 lbs

Features: Regenerative Braking

CVT Transmission

See HEVAmerica Baseline Performance Fact Sheet for more information.





<sup>\*</sup> Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs. Gas figured at \$1.80/gallon.