HEV Fleet Testing - Summary Fact Sheet

Advanced Vehicle Testing Activity

2011 Hyundai Sonata
VIN# KMHEC4A443BA004932

Vehicle Specifications

- **Engine:** 2.4 L
- **Electric Motor:** 30 kW
- **Battery:** Lithium Polymer
- **Seatbelt Positions:** Five
- **Payload:** 1074 lbs
- **Features:**
  - Regenerative braking
  - Traction control

See HEVAmerica Baseline Performance Fact Sheet for more information

**Vehicle Technology Program**

**Advanced Vehicle Testing Activity**

**Description:**
This vehicle is operated throughout the valley of Phoenix, Arizona by EZ Messenger, a legal document courier business. It is operated five days a week, transferring documents between courts, law offices, and medical facilities on city streets and urban freeways.

**Fleet Performance**

**Operating Cost:**
- Purchase Cost: $31,152 (6/11)*
- Kelley Blue Book: N/A
- Sale Price: $5,935 (6/13)
- Maintenance Cost: $0.02/mile
- Operating Cost: $0.14/mile**
- Total Ownership Cost: $0.37/mile

**Operating Performance:**
- Total miles driven: 120,495
- Cumulative MPG: 34.0

**Major Operations & Maintenance Events:**
- Drive motor 'A' Inverter shorted @ 120,507 mi. Estimate to repair $10,000, cost exceeds value of vehicle. Vehicle was not repaired and removed from testing early.

*Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs.

**Operating costs includes insurance, fuel, and registration costs

**Monthly MPG** = (miles driven)/(gallons of fuel purchased). Monthly variation in reported MPG may occur due to the difference in fuel tank level at the beginning and end of the month.

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