HEV Fleet Testing

2011 Hyundai Sonata
VIN: 4932

Fleet Testing Results To Date

Operating Statistics
Distance Driven\(^1\): 85,338
Average Trip Distance\(^2\): 14.8 mi
Stop Time with Engine Idling\(^2\): 12%
Trip Type City/Highway\(^2\): 78%/22%

Operating Performance
Cumulative MPG\(^1\): 33.4


Test Notes
2. Calculated from electronic data logged over a subset of total miles traveled equal to 46,352 miles.
3. Fuel economy calculated for this figure using mass air flow over dynamic vehicle operation.
4. Calculated from battery current data logged over a subset of total miles traveled, equal to 46,352 miles.

Percent of Drive Time by Operating Mode\(^3\)

- 12 % Vehicle Stopped Engine Idling
- 28 % Vehicle Driving Engine Spinning
- 2 % Vehicle Stopped Engine Stopped
- 58 % Vehicle Driving Engine Stopped
Total charge into battery pack (Ah): 15,013
Total charge out of battery pack (Ah): 14,735
Battery round trip efficiency: 98%