



HICE Fleet Testing

Advanced Vehicle Testing Activity



2003 Ford F-150 Hydrogen ICE¹ Conversion

A Strong Energy Portfolio for a Strong America
 Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

Fleet Performance

Operating Statistics:

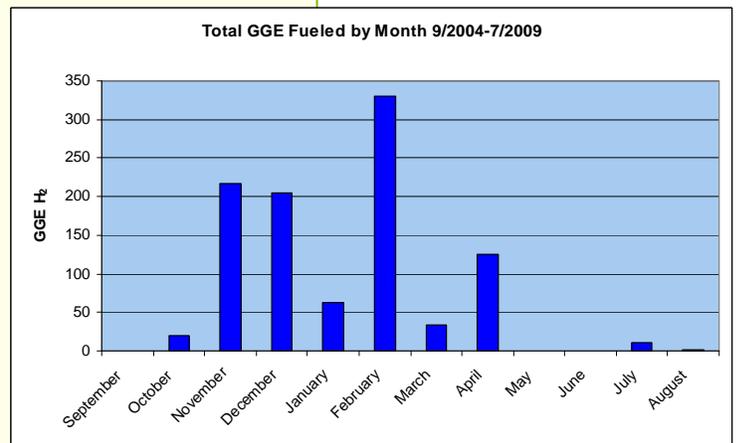
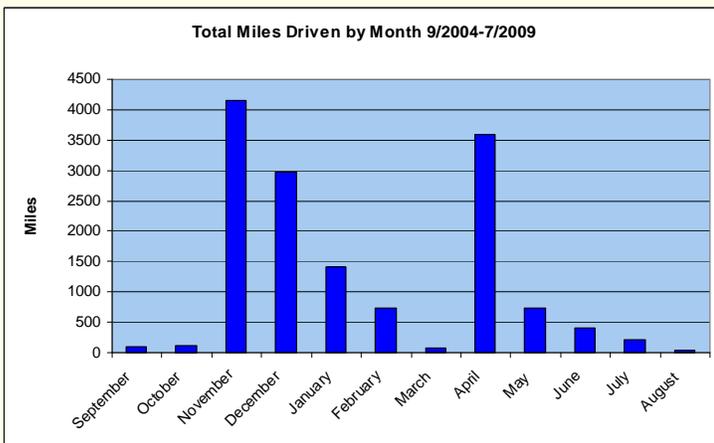
Date Range: 9/2004-7/2009
 Total miles driven: 13,095
 Total Fuel Consumed (GGE H₂): 1006
 Cumulative MPGGE^{2,3}: 13.0

Vehicle Specifications

Engine: 5.4L V8, 16 Valve
Fuel Capacity: 6.5 GGE
Nominal Tank Pressure: 2900 psi
Seatbelt Positions: Three
Payload: 1365 lbs
Features: 5 Speed Manual Transmission

See *HICEV America Baseline Performance Fact Sheet* for more information.

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



Notes:

1. Internal Combustion Engine
2. Miles per gallon gasoline equivalent (1 Gallon Gasoline = 1.012 kg H₂)
3. Overall MPGGE calculation excludes mileage accumulated during months when fueling logs were unavailable

