



**U.S. Department of Energy
Energy Efficiency
and Renewable Energy**

Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

Vehicle Technologies Program

HICE Fleet Testing

Advanced Vehicle Testing Activity



**2001 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:

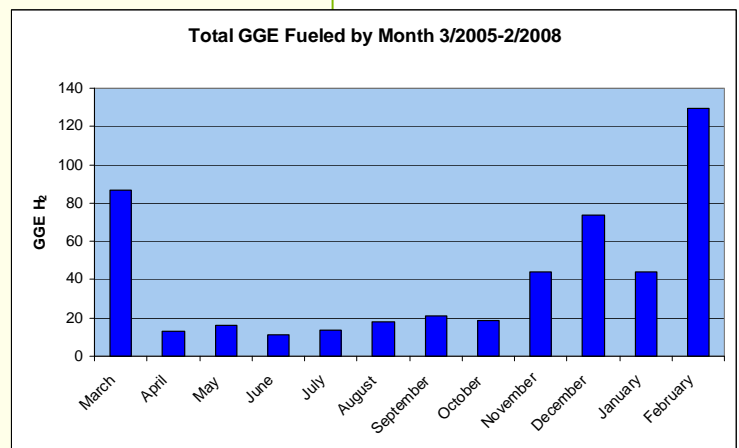
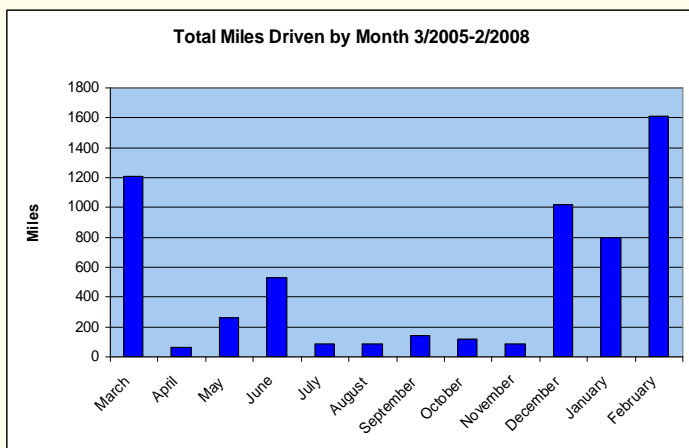
Date Range: 3/05-2/08
Total miles driven: 6003
Total Fuel Consumed (GGE H₂): 489
Cumulative MPGGE²: 12.3

Vehicle Specifications

Engine: 5.6L V8, 16 Valve
Fuel Capacity: 14.9 GGE
Nominal Tank Pressure: 5075 psi
Seatbelt Positions: Five
Payload: 433 lbs
Features: 4 Speed Automatic 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



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