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.

HEV Fleet Testing
Advanced Vehicle Testing Activities

2002 Toyota Prius
VIN # JT2BK12U620041883

Fleet Performance

Description:
This vehicle was operated throughout the State of Arizona by Bank One of Arizona’s courier pool. It was operated 24 hours a day, six days a week, transferring documents between branches and a central processing center located in Phoenix on city streets and urban freeways as well as intrastate courier routes, with typical high-speed round trips of 100 to 300 miles.

Major Operations & Maintenance Events:
- Overheated due to high external temperature @ 87,138 miles Cost: none
- Rack and pinion failed @ 106,153 miles Cost: Under Warranty
- Ignition lock immobilizer and keys replaced @ 126,689 Cost: $469

Operating Cost:
- Purchase Cost: $21,655 (2/02)*
- Kelly Used Vehicle Price: $10,530 (11/05)
- Sale Price: $13,500 (10/05)
- Maintenance Cost: $0.02/mile
- Operating Cost: $0.07/mile
- Total Ownership Cost: $0.15/mile

Operating Performance:
- Total miles driven: 164,687
- Cumulative MPG: 41.1

Vehicle Specifications

Engine: 4-cylinder, 52 kW @ 4000 rpm
Electric Motor: 33 kW
Battery: Nickel Metal Hydride
Seatbelt Positions: Five
Payload: 865 lbs
Features: Regenerative Braking, CVT Transmission

See HEVAmerica 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