

EV Future Initiative Scott Phillippi

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Global Alternative Fuel & Advanced Technology Vehicles

Total Vehicles (U.S. & International): 10,328

Hybrid Electric: 685

- 662 Package Cars (US)
- 23 Package Cars (International)

Electric: 420

- **122** Package Cars (US)
- 246 Package Cars (International)
- **46** Electric Bikes (International)
- 6 Electric Bikes (US)

Propane: 2,474

- 1,175 Package Cars, Shifters (US)
- **1,299** Package Cars, Shifters (International)

Hydraulic Hybrid: 64

• 64 Package Cars (US)

Compressed Natural Gas: 5,327

- 5,173 Package Cars, Shifters, Tractors (US)
- **147** Package Cars (International)
- **7** Tractors (International)

Liquid Natural Gas: 1,289

- 1,229 Tractors (US)
- **34** Tractors (International)
- 26 Shifters (US)

Ethanol: 69

• **69** Package Cars (International)



Delivering The Future

Benefits

- Energy Savings
- Maintenance Cost Savings (expected)
- Integrated Technology for Safety and Efficiencies
- Upgradability through Over the Air Updates
- Noise Reduction
- Sustainability

Challenges

- Vehicle Availability
- Infrastructure Solutions for Large Scale Deployments
- Qualified Service Options
- Reliability of New Technology
- Reliability of Electricity from Utilities
- Electricity Rate Structure



Delivering The FutureTo be continued