CaFCP: Building Market Foundations

Catherine Dunwoody
Executive Director

FCVs & stations in California

- 359 FCVs/FCBs since 1999
  - >150 operating now
- ~3.5 million road miles
- 24 operating stations
  - 4 public stations
- 8 stations in construction/development
- 11 stations in planning/funding
GM

“Hydrogen and fuel cells could create as many as one million jobs worldwide, more than 250,000 in the US alone.”
Honda

“We continue to believe that a fuel cell electric vehicle is the ultimate solution to reduce CO2 emissions.”

Toyota

“I have high expectations for fuel-cell vehicles as a candidate for next-generation cars.”
Mercedes

“The entire 20,000-mile journey is the carbon equivalent to three and half minutes of German traffic.”

Hyundai/Kia

“We will build a small-scale production system to begin manufacturing from 2012.”
Fuel cell buses

- 12 new buses
- 5 transit agencies
- Shared service
- Shared training
- $54 million

DOE commercialization targets

- Fuel cell efficiency: 60% by 2015
  - Progress: 56-59%
- Durability goal: 2,000 operating hours by 2009
  - Progress: 2,500 operating hours
- Range: 250 miles by 2009
  - Progress: 250-350 mile range, two vehicles 400+
- Cost: $45/kW by 2010
  - Progress: 70% cost reduction to $61/kW in 2009
FCVs in the portfolio

Questions or Comments?

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