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Vision Industries Corp.



Presentation Outline

- Vision Industries Solution
- Hydrogen
- Vehicle Solutions
- Vision Industries' Fueling Strategy
- Future Applications

Vision has the Chicken & Egg

- Turnkey Fleet Operations
 - Plug-in electric, heavy duty class 8, zero emission trucks with Hydrogen fuel cells for range extension
 - Hydrogen supplied at 35% - 40% discount to diesel.
 - Hydrogen fueling at several locations at truck stops and fueling at fleet yards is also available.
 - Long term, fixed price hydrogen supply contract.

Hydrogen is more cost effective than Diesel

- As a result of technological breakthroughs, we have passed an inflection point at which hydrogen is cheaper per mile than diesel as a transportation fuel
- Fuel cell technology operates at 52 to 58% energy efficiency which is a substantial gain over diesel-based combustion engines
 - Each Pound of hydrogen gets you as far as 1 gallon of diesel.
- Hydrogen costs are expected to stabilize at \$1.50 to \$2.75 per lb (they currently range from \$0.90 lb in Santa Monica to \$4.09 lb in Palm Springs)

Why hydrogen?

- Offers several benefits over Diesel and Natural Gas
 - Cheaper per mile
 - ZERO greenhouse gas emissions
 - No noise pollution
 - No idling
 - Substantial Increase of Torque
 - Domestic and secure energy source
 - Renewable and non-depleting
 - Can be made from a wide variety of resources
- OEM adoption
 - All major OEMs will offer H2 powered vehicles 2010-2015
- State and federal support available

Alternative Vehicle Solutions

Comparisons of Short Haul Trucks (Annual)

(City and Highway combined 50,000 miles per year)

| | 2007 Diesel | LNG | Vision Tyrano |
|-------------------|-------------|-------------|-----------------|
| Horsepower | 450 peak | 450 peak | 402 continuous |
| Torque (foot/lbs) | 1,350 peak | 1,350 peak | 3,200 available |
| Fuel | 10,000 Gal. | 16,700 Gal. | 10,000 lbs |
| Particulates | 12.37 lbs | 4.6 lbs | 0 |
| NMHC | 173 lbs | 0 | 0 |
| MHC | 0 | 66.5 lbs | 0 |
| NOx | 1,485 lbs | 570 lbs | 0 |
| CO2 | 217,800 lbs | 142,145 lbs | 0 |
| Noise Pollution | Yes | Yes | No |

Truck Price Declines as More Trucks Sold

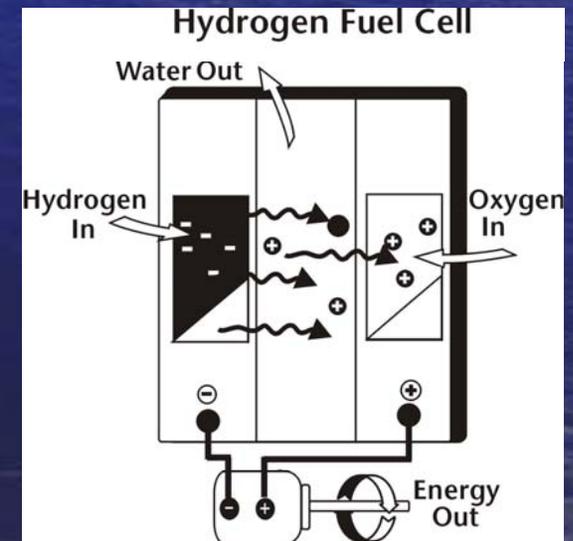


| Deployed | Cost per unit |
|----------|---------------|
| 1 | \$950,000 |
| 5 | \$400,000 |
| 25 | \$280,000 |
| 75 | \$250,000 |
| 200 | \$240,000 |
| 350 | \$235,000 |
| 500 | \$230,000 |
| 700 | \$225,000 |
| 900 | \$220,000 |
| 1,100 | \$215,000 |
| 1,400 | \$210,000 |
| 1,700 | \$205,000 |
| 2,000 | \$200,000 |
| 2,500 | \$195,000 |
| 3,000 | \$190,000 |
| 3,500 | \$185,000 |
| 4,000 | \$180,000 |
| 4,500 | \$175,000 |
| 5,500 | \$170,000 |
| 6,500 | \$165,000 |
| 7,500 | \$162,500 |

Hydrogen power products

What is a Hydrogen Fuel Cell?

- An electrochemical engine that converts hydrogen fuel and oxygen into electrical energy.
- A battery that runs on hydrogen fuel.
- Twice as efficient as gasoline internal combustion engine.
- No emissions (exhaust = H_2O)
- Endgame for transportation industry



Performance goes green

- 2010 Tyrano Kenworth



Performance goes green

- 2009 Tyrano Freightliner



Garbage Collection goes green

- Vision Industries Zero Emission Refuse Truck



Attractiveness of transaction to truck owners and operators:

- Purchasing Hydrogen Powered Trucks
 - Federal tax credit of \$40,000
 - Individual State credits and subsidies
- Operating Hydrogen Powered Trucks
 - 35% to 40% per mile savings versus diesel
 - Increase power and performance over diesel
 - No exhaust
 - Very quiet operation
 - Regenerative braking allows use of "Jake Brake" within city limits
 - No oil changes
 - No coming home smelling of Diesel

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