

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

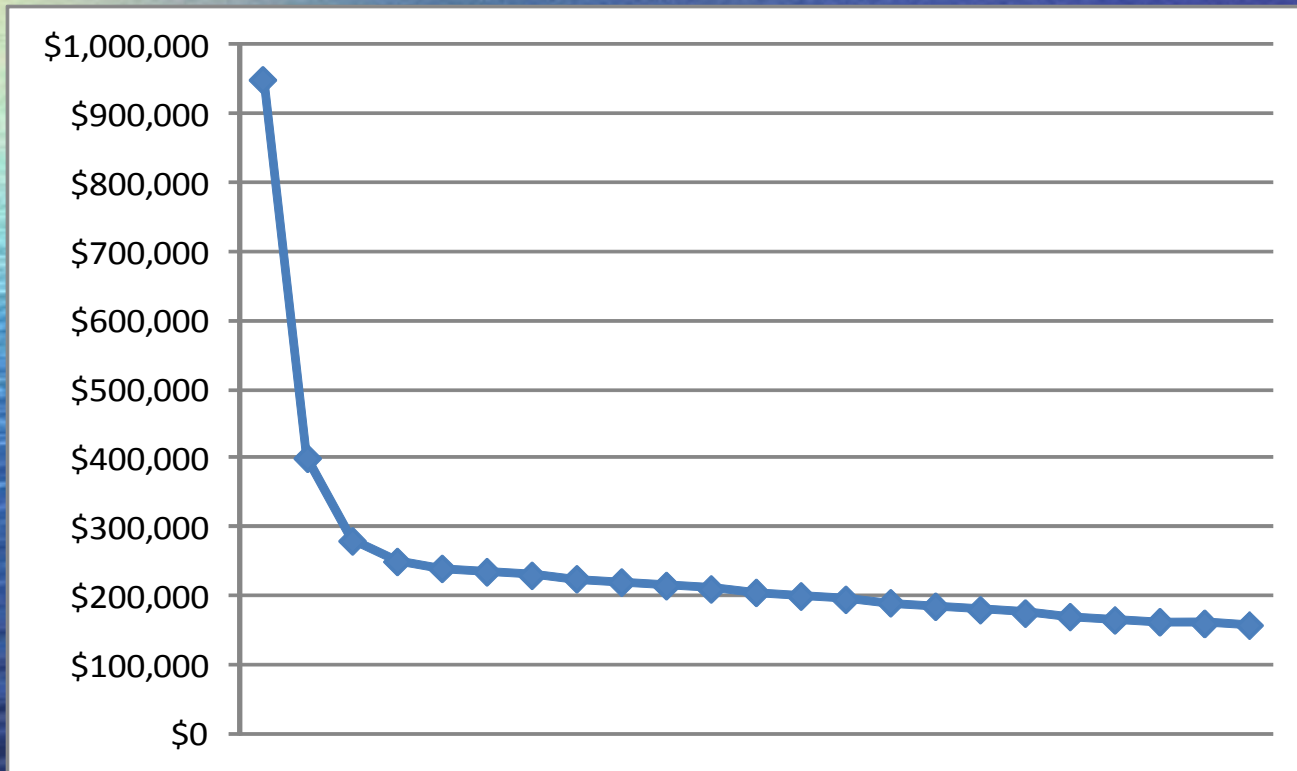
Alternative Vehicle Solutions

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
NO _x	1,485 lbs	570 lbs	0
CO ₂	217,800 lbs	142,145 lbs	0
Noise Pollution	Yes	Yes	No

Truck Price Declines as More Trucks Sold

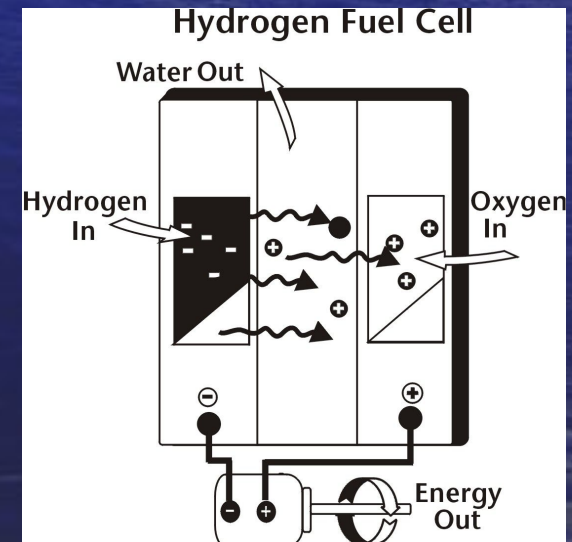


Deployed	Cost per unit
1	\$950,000
5	\$400,000
25	\$280,000
75	\$250,000
200	\$240,000
350	\$235,000
500	\$230,000
700	\$225,000
900	\$220,000
1,100	\$215,000
1,400	\$210,000
1,700	\$205,000
2,000	\$200,000
2,500	\$195,000
3,000	\$190,000
3,500	\$185,000
4,000	\$180,000
4,500	\$175,000
5,500	\$170,000
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 = H₂O)
- 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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