



Simple. Smart. Sustainable.

Hybrids – The \$0 Fuel Option

Ed Lovelace, CTO

ACT Expo 2015, Breakout Session 3.3: The Case
for Light and Medium Duty AFVs (in the Face of
Low Gas Prices)

CLASS 2



CLASS 4



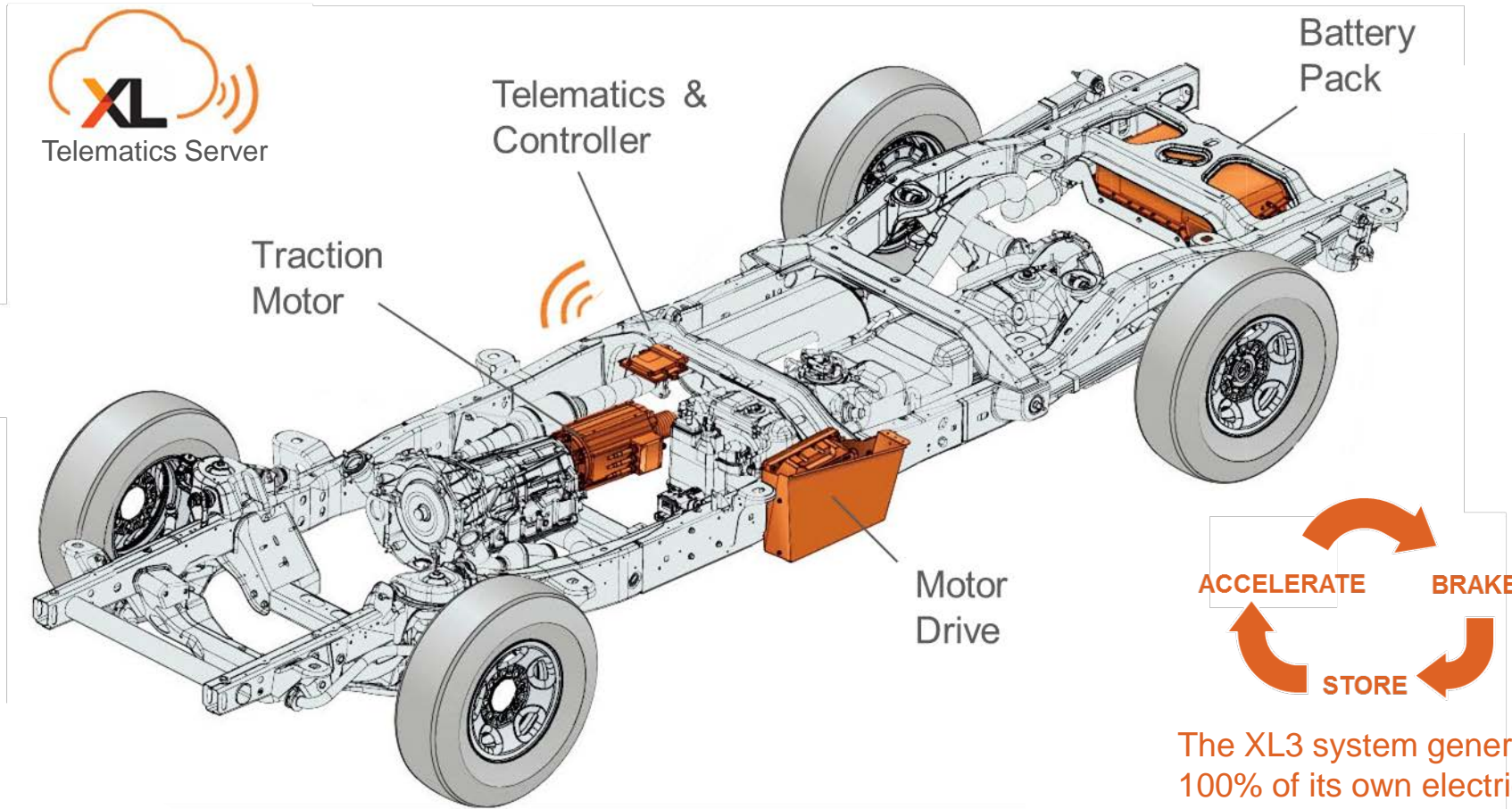
Fleet Benefits

- ✓ 20% reduction in fuel costs and emissions*
- ✓ Fast installation (less than 6 hours)
- ✓ Lowest cost hybrid available
- ✓ OEM powertrain intact
- ✓ Installs on new and existing vehicles
- ✓ No impact on fleet operations (range, service or infrastructure)
- ✓ Financing available

*Results may vary

HEV Technology:

- Regenerative braking and strategic assist result in 25% MPG increase which translates into 20% reduction in fuel costs



The XL3 system generates 100% of its own electricity during deceleration

* Results may vary



Retrofits & upfits available

- 2010-2015 Chevy Express and Savana 2500/3500 (4.8L and 6.0L engines)
- 2011-2014 Ford Econline (4.6L and 5.4L engines)
- 2015-2016 Ford Transit (3.7L and 3.5L EcoBoost engines)

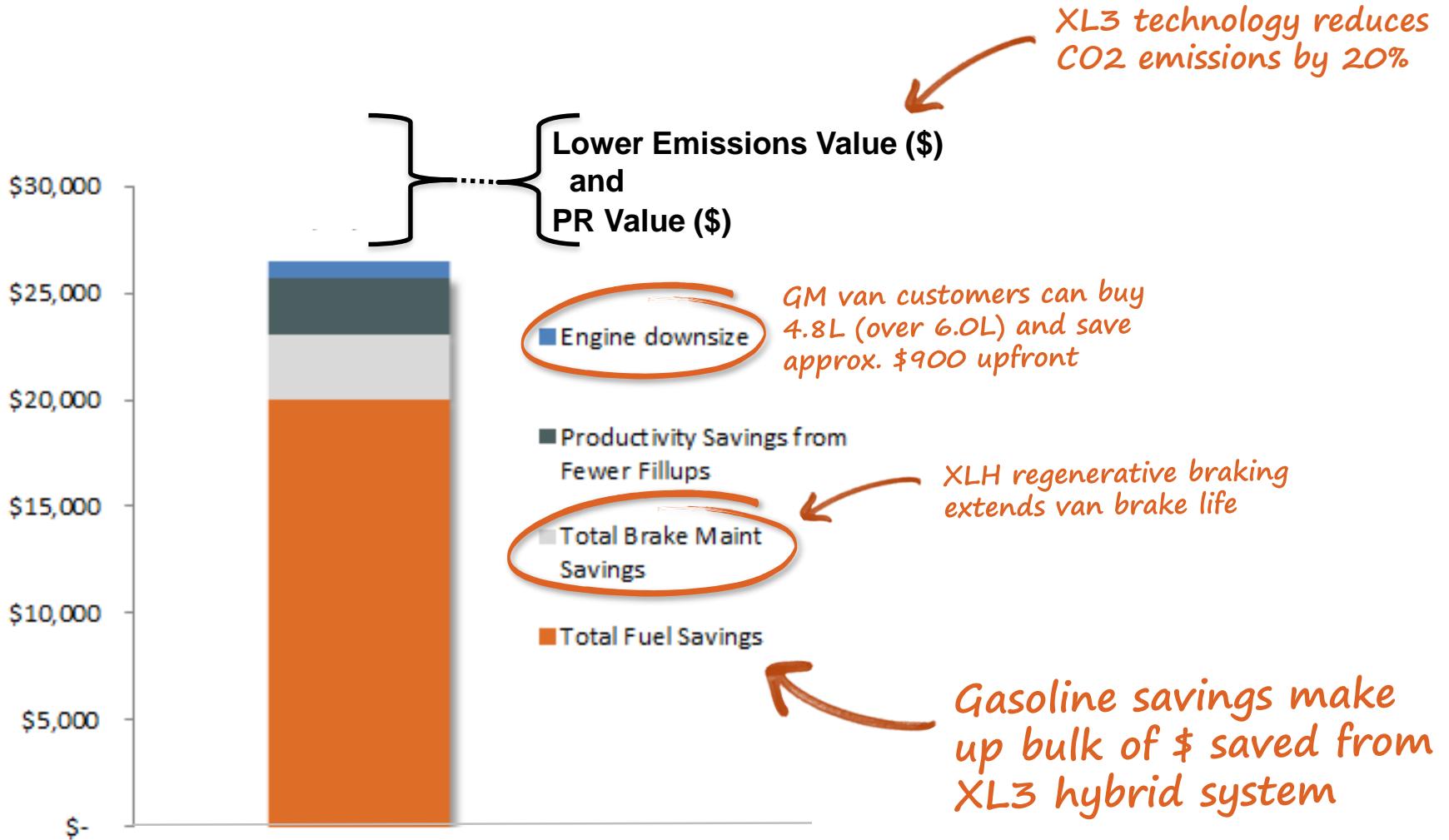
Hybrid Powertrain	Specifications
Lithium-Ion Battery	1.8 kWh
Hybrid System Weight	350 lbs
Electronic Speed Governor	70 mph (65 to 85 mph available)
Hybrid Fuel Savings*	20% reduction of fuel use
Hybrid Component Warranty	3-Year // 75,000 miles

Applications

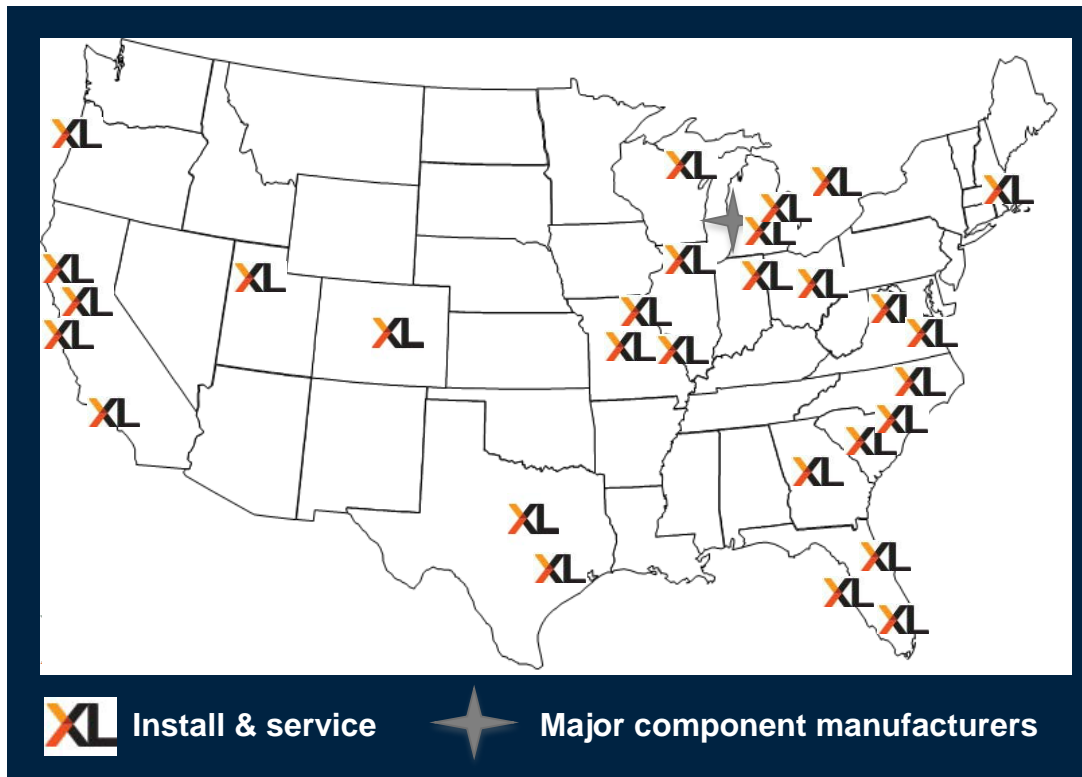
- Cargo and Passenger
- Regular and Extended Lengths

* Results may vary

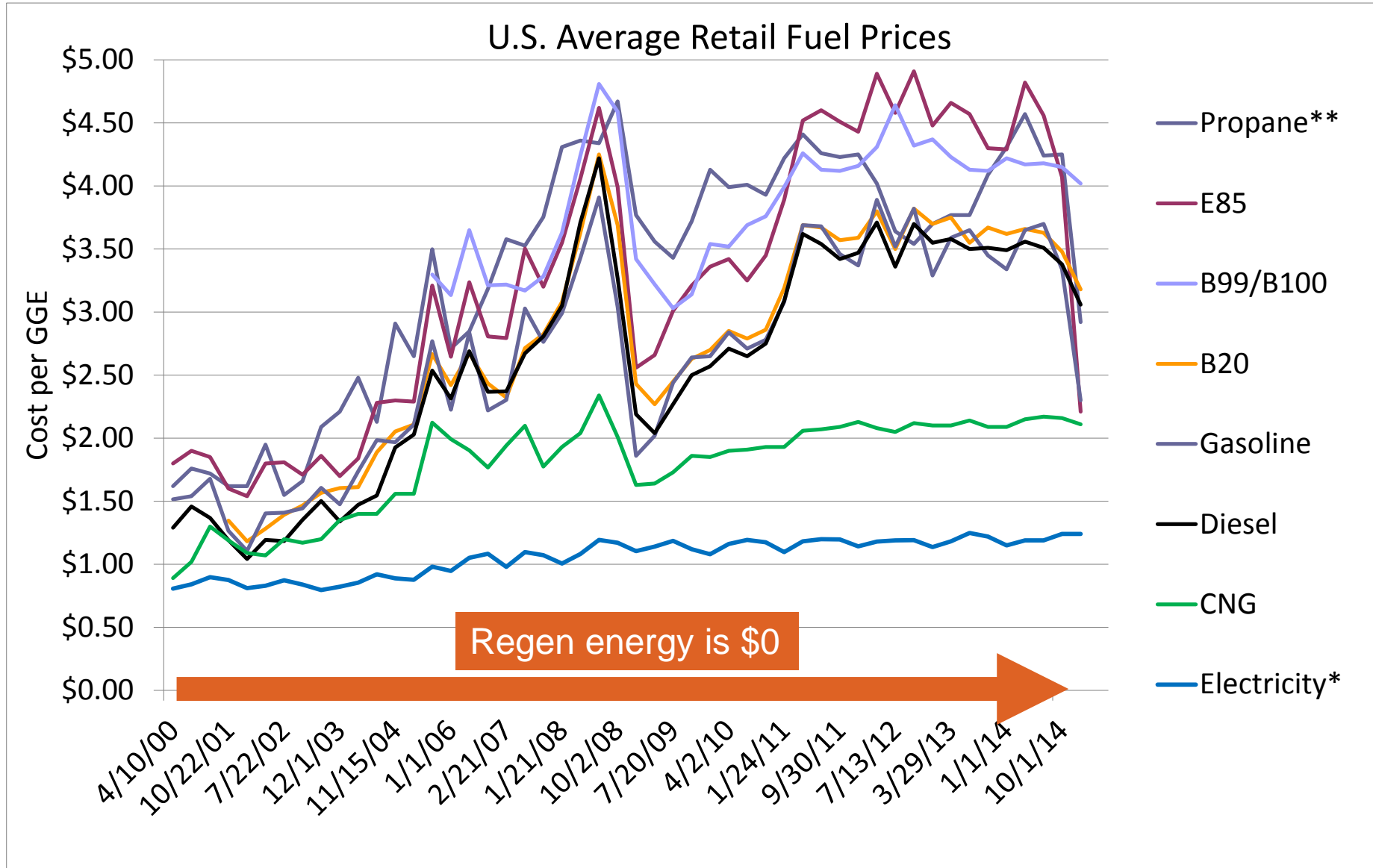
How XL Hybrids Creates Value



- XL Hybrids system installs in <1 day
- Ship-thru upfits and retrofits



Fuel Price History over 15 Years



Marginal Value of Alt Fuel = (Gasoline Price) – (Alt Fuel Price)

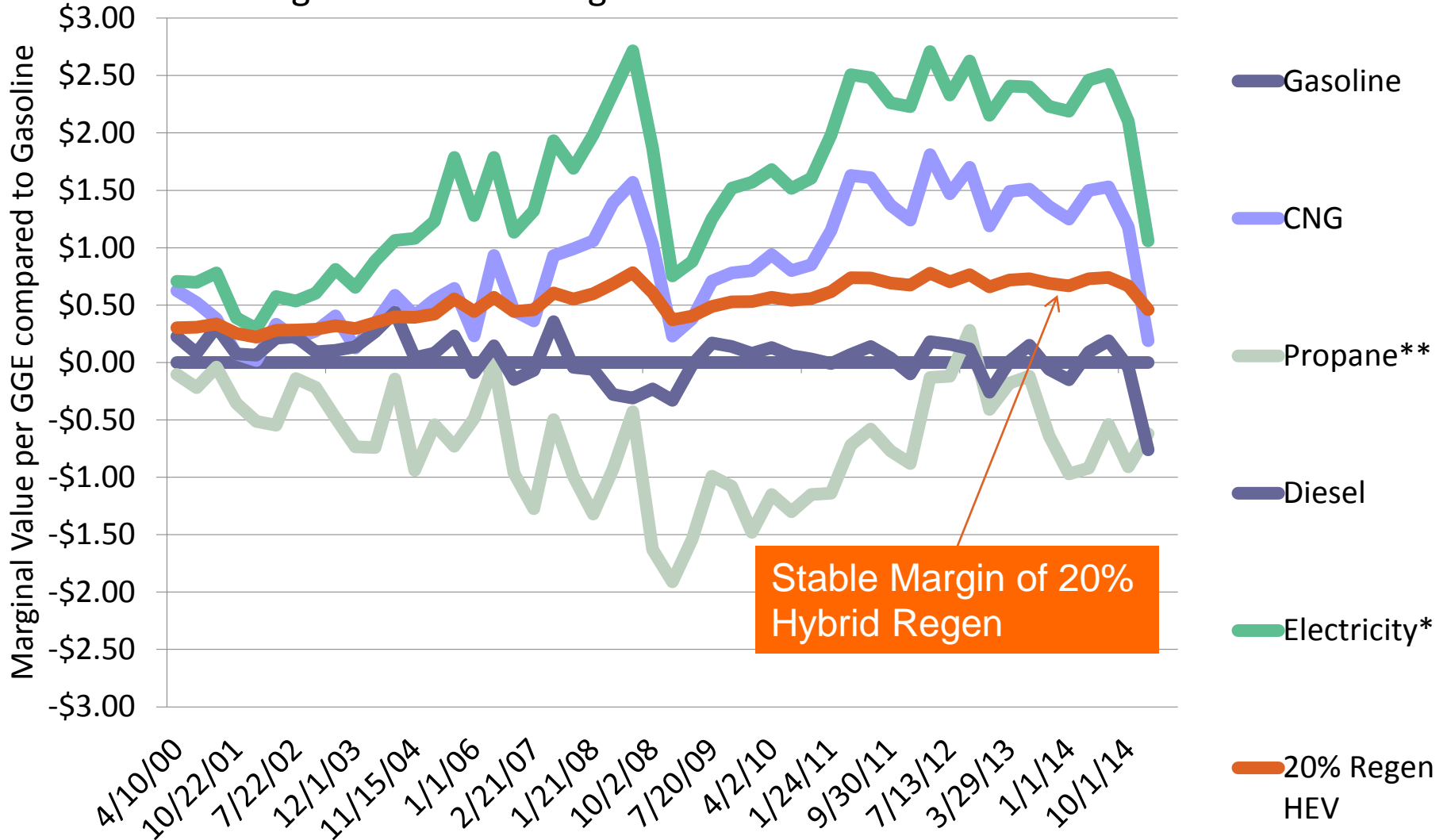
Marginal Value of 20% Hybrid Regen = 20% x (Gasoline Price)

Hybrid regen “fuel” cost is always \$0, so
Hybrids always have positive marginal value

AFV Fuel “Marginal Value” over 15 Years



U.S. Average Retail Fuel Marginal Value = Gas Price - Alternative Price



Thank You



For more information, please contact:

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