

Is Natural Gas Finally Accelerating as a Transportation Fuel?

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Driving a Shift to Natural Gas as a Transportation Fuel

- » Energy transitions are enormously difficult
- » Natural gas is emerging as the first significant new transportation fuel in a century



ENERGY

- Gas exploration & production
- Distribution & utilities
- Fuel station owners/operators
- Renewable fuels

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TECHNOLOGY

- Market-spanning experience
- Expansive IP portfolio
- Capital light business models



TRANSPORTATION

- Engine & vehicle OEMs
- Fleet operators
- Shippers, transportation users
- Consumers



Westport Technology & Applications



Heavy-Duty & High Horsepower Applications



Medium-Duty Applications

Advanced Dual Fuel Vehicles

Bi-Fuel Vehicles

Spark Ignited Direct Injection

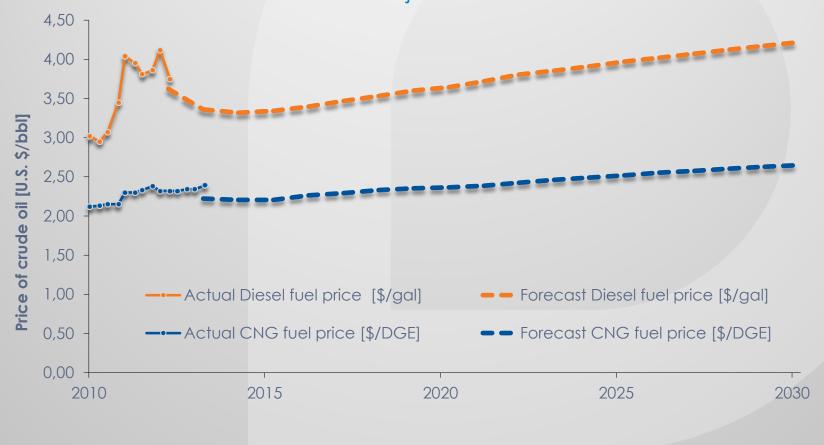






Stability of Fuel Price Differential is Driving Confidence at Fleets

Price History of Diesel Fuel & CNG for Vehicles, with EIA Projections





The Natural Gas Vehicle Market is Evolving Quickly

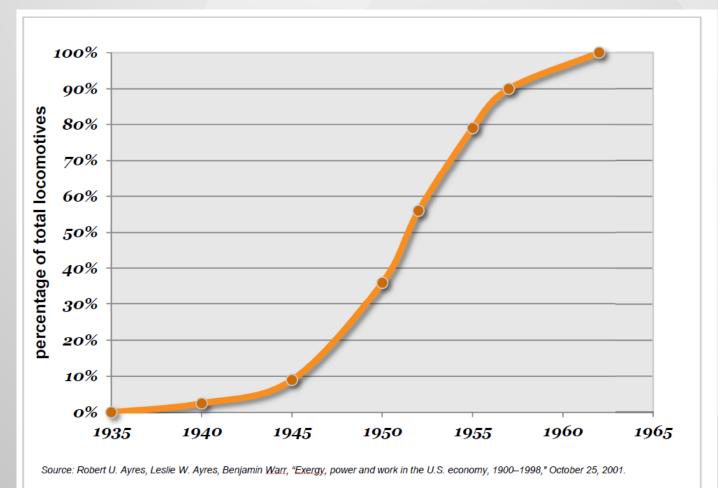




- » Majority of natural gas vehicles (NGVs) to date have been "aftermarket" conversions delivered by third parties
- » Next generation NGV OEM vehicles will be superior performance and customer value; Westport positioned to be the dominant specialist in commercial vehicle sector

Historic Transition: Steam Locomotives Totally Replaced by Diesel

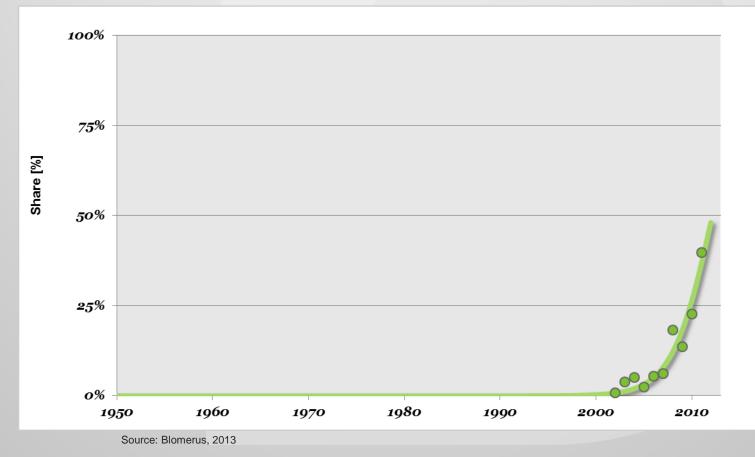
Diesel Powered Locomotives, North America





Rapid Adoption of Natural Gas Refuse Trucks

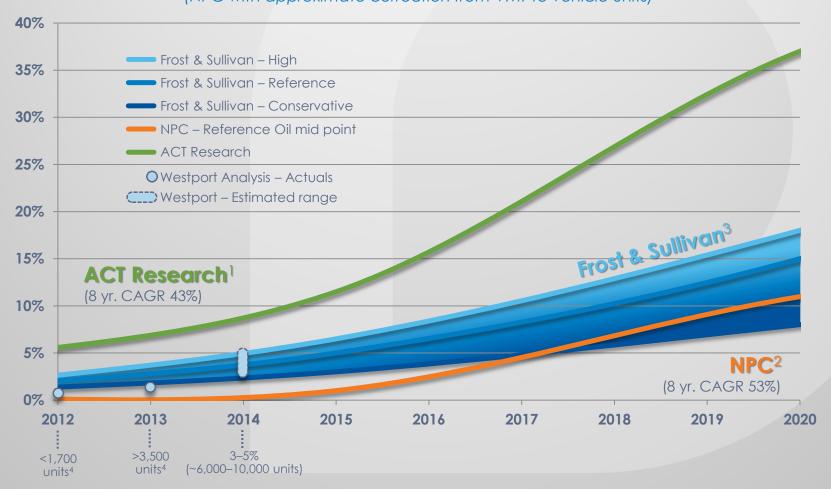
Market Share of New Natural Gas Refuse Truck Sales in the US





Projections for Heavy-Duty On-Road Trucking

Market Share of New Class 7 & 8 Natural Gas Trucks (NPC with approximate correction from VMT to vehicle units)

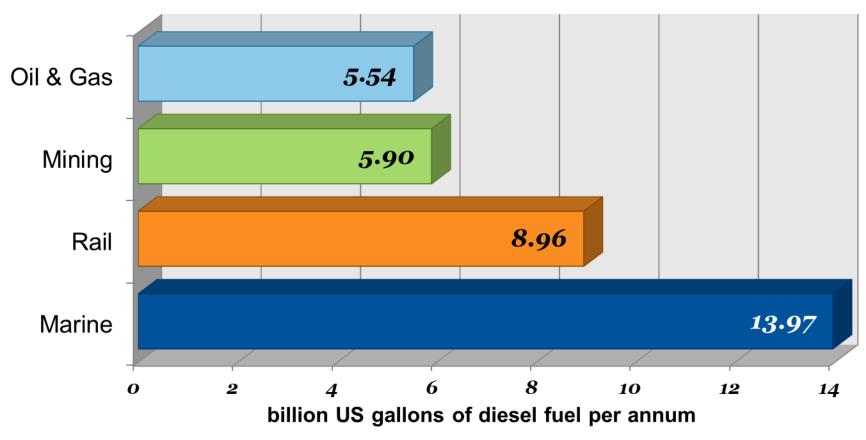


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Act Research Future of Natural Gas Engines August 20123. Frost & SNPC Advancing Technology, Reference Case, August4. Westpo2012

Significant High Horsepower Opportunities

Global Diesel Consumption in Demanding High Horsepower Applications



Source: UN Energy Statistics Database, Westport analysis



THANK YOU

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