



Bill Zobel VP Market Development & Strategy – Trillium CNG May 6, 2015

NATURAL GAS IN TRUCKING OVERVIEW

Market Highlights:

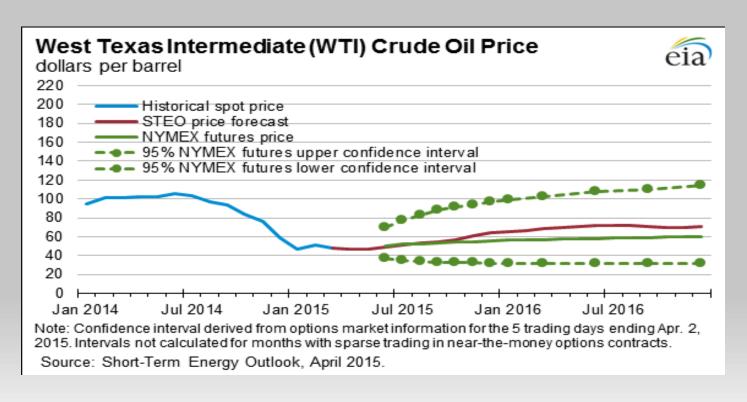
- Commodity (Crude Oil, Diesel) prices at 5 year lows
- GHG regulations, fuel economy and truck sales
- Driver shortage continues
- Capacity shortage improving slightly on reduced volume
- Natural gas refueling centers expand by:
 - +174 new Public Access CNG sites in 2014, 18 LNG
 - +38 new Public Access CNG January April 2015, 10 LNG



OIL AND GAS COMMODITIES

Oil Prices – EIA 2015 STEO Projections

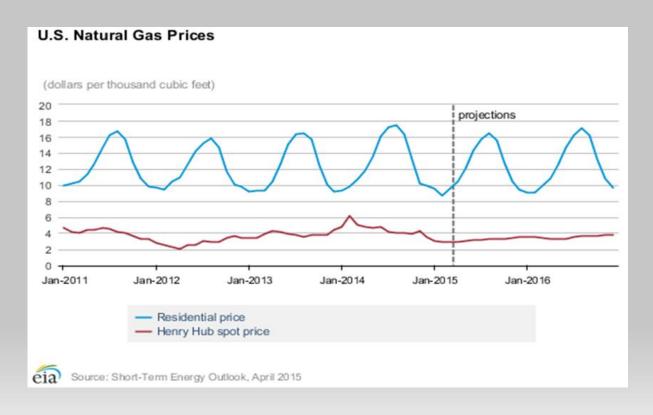
- Expect a slow steady climb upwards
- Globally market is oversupplied by around 1-2MMbpd
- Lifting of Iranian sanctions and other intl. projects add supply
- US rig count down, volume relatively steady at ~9MM bpd
- Growth in domestic production expected to stop, but still up vs. 2014



OIL AND GAS COMMODITIES

Natural Gas Prices:

- Stable as expected
- Storage levels high enough to hold prices stable
- Coal and nuclear power generation remain under pressure
- Gas commodity prices resilient to upward pressure



HEAVY DUTY NATURAL GAS VEHICLE SALES



HD Truck sales @ 10 yr highs:

- 286K units sold in 2014
- 333K units expected in 2015⁽¹⁾

HD CNG truck sales may be slightly off 2014's 10K units:

- ~3,000 12.0L
- ~7,000 9.0L

DRIVERS, TRUCKLOAD CAPACITY AND REGULATIONS

Driver shortage continues nationally

 Companies have increased pay, and instituted incentives to boost driver retention – he who has drivers gets the loads

Capacity metrics show less market strain on slightly lower freight volume 1Q 2015

- Factors weather, slower than expected economic growth
- Trend Shippers locking up longer term capacity at higher rates to ensure products get to market

Trucking industry's regulatory priorities

- HOS restart rule suspended, remains under pressure
- Confidentiality of CSA (safety) scores
- GHG regulations Phase II draft rules delayed

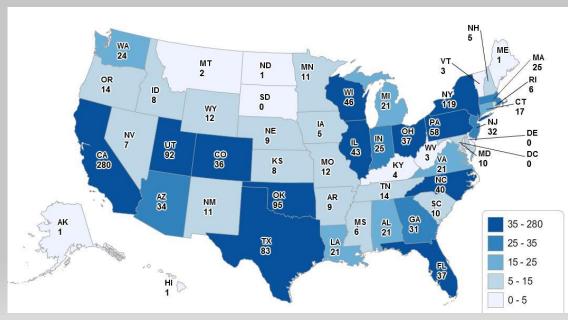
FEDERAL AND STATE POLICY OUTLOOK

Federal

- VTEC is off the table for the time being
- LNG tax fix is likely to get done in this Congress
- Highway funding is one of many transportation priorities in Congress, natural gas in transportation is not
- Creativity around federal programs is required

States

- Grants and incentives have proven useful in maintaining market momentum
- Inconsistencies across states make grant programs cumbersome

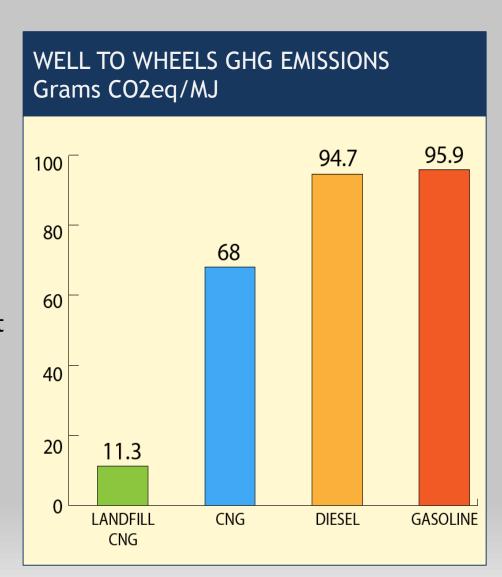


Number of CNG stations by state, US Department of Energy, AFDC

GHG POLICY IS DRIVING FUEL ECONOMY AND HD TRUCK SALES

Federal and State GHG Regulations:

- GHG for HD trucks kick in in 2017
- GHG regulations are driving diesel fuel economy, and truck sales
- New Phase II GHG rules due out in the next 3-6 months for 2020-2025
- Natural Gas will not be incentivized
- EDF Fugitive Emissions Study due out in the next few months – Industry is already clamoring over leakage rate assumptions, and vehicle emissions
- California GREET Phase II modeling changes could reduce CNG benefits to something less than 20%



CNG INDUSTRY GROWTH

There are an estimated 70,000 Diesel refueling locations in the US, & around 1,700 NG





MARKET OUTLOOK SUMMARY

- Our market should see modest, not rapid growth near term
- Commodity prices expected to be steady near term
- HD CNG truck sales expected to level off until diesel prices rise
- Innovation and competition will continue to occur impacting products and market prices
- Drivers and capacity will remain tight for some time
- Federal policy makers unlikely to support VTEC or truck rebates
- Regulatory uncertainty will continue short term



THANK YOU

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