



Clean Energy[®]

North America's leader in clean transportation

LNG & High Horsepower Markets

AAPA 2013 Facilities Engineering Seminar

Vancouver, BC

November 2013

- About Clean Energy
- On-Road Trucking with LNG
- High Horsepower Markets/Ports with Eagle LNG Production Partners

Largest Alternative Transportation Fuel Provider

700+
Fleet
Customers

28,000+
Natural Gas
Vehicles

400+
Natural Gas
Fueling Stations

Renewable Natural Gas (RNG)

Compressed Natural Gas (CNG)

Liquefied Natural Gas (LNG)



Taxis & Shuttles



Fleet Vehicles



6,000
Public
Transit



Service Vans



5,000
Refuse
Hauling



1,500 Trucks

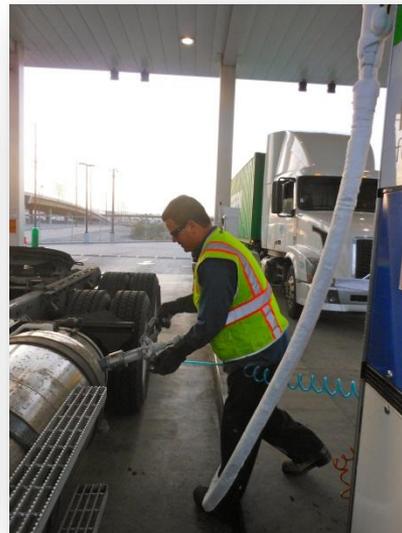
Clean Energy & LNG

- Owns & operates 2 LNG plants
- Developing 2 more LNG plants, potentially 6 more with Eagle LNG
- Fleet of over 80 LNG delivery trailers
- Distribute more LNG for transportation than rest of market combined
- Presence across North America and 26 countries worldwide
- Subsidiaries
 - IMW – CNG equipment
 - NorthStar – LNG equipment
 - CERF – Renewable natural gas
- Partners
 - GE
 - Pilot Flying J
 - Eagle LNG



Liquid Natural Gas (LNG) Basics

- Energy density & liquid fueling is ideal for high horsepower applications
- Pipeline gas cooled to -260F
- Produced at LNG facility
- Delivered to customers
- No contamination issues - all equipment & storage is aboveground



Heavy Duty Trucks & Engines Now Available

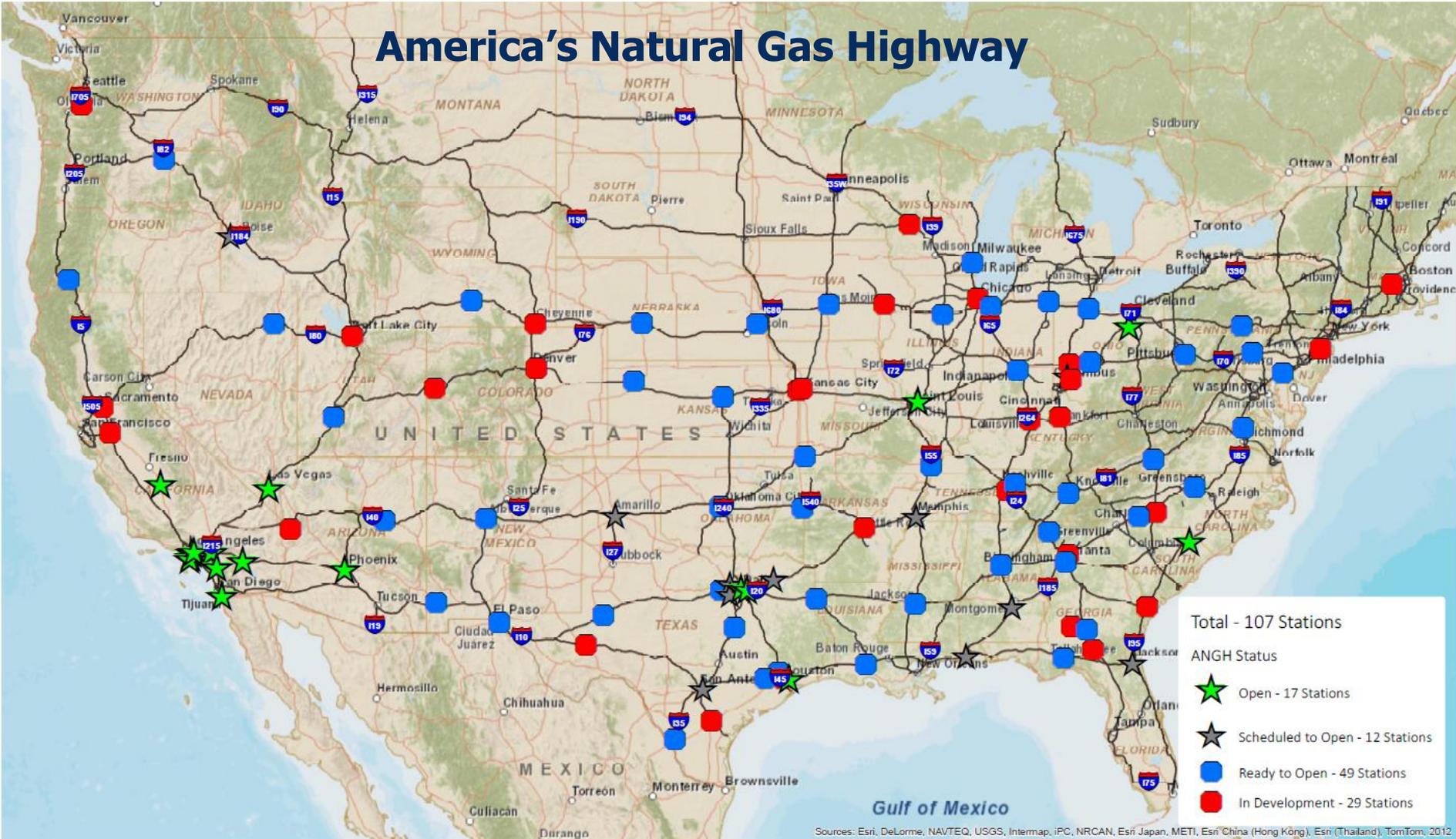
- Spark-ignited 100% natural gas engines
 - Cummins-Westport 9 liter (since 2007)
 - Cummins-Westport 11.9 liter
 - Cummins 15 liter (2015)
- Compression-ignited mix of diesel & natural gas
 - Westport 15 liter (since 2007)
 - Volvo 13 liter (2015)
 - After-market kits
- All major OEM's provide natural gas trucks
 - Freightliner, International, Kenworth, Peterbilt, Mack, Volvo, Autocar, Ottawa, Capacity



America's Natural Gas Highway

Coast-to-Coast & Border-to-Border Natural Gas Stations

America's Natural Gas Highway



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2012

*Dates and locations are subject to change

America's Natural Gas Highway

Stations in Action



Las Vegas NV



Seville OH



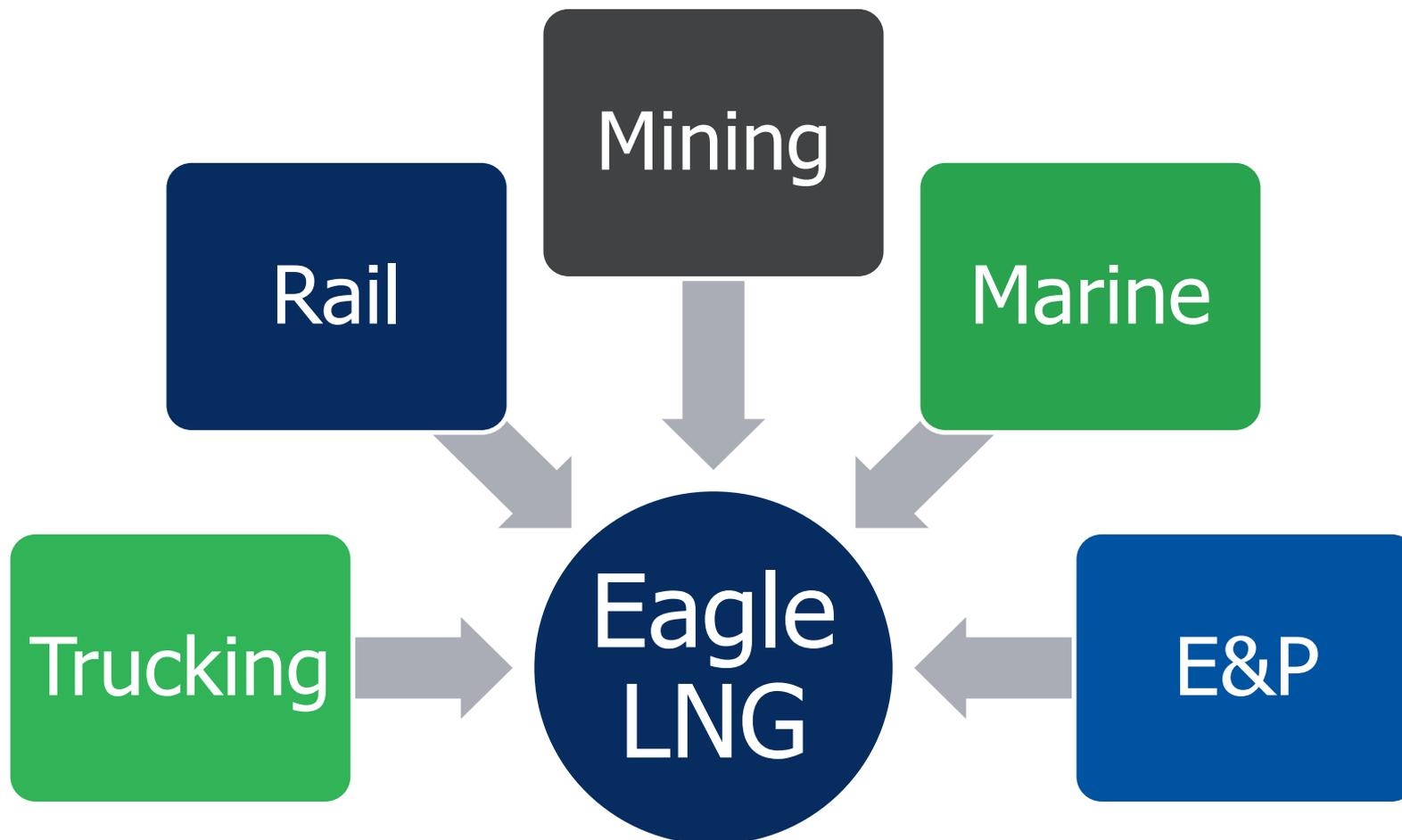
Dallas TX



Baytown TX

Eagle LNG

LNG for High Horsepower Markets



Our Partnership



- ✓ **Global Leader:** Design, manufacturing of liquefaction equipment
- ✓ Acquired **Salof** to enhance small-scale LNG offering
- ✓ **Global leader:** LNG & CNG turbomachinery O&M
- ✓ "America's Most Admired Company" – Fortune
- ✓ \$240B Market Cap. AA Credit



- ✓ **Largest** alternative transportation fuel provider
- ✓ **Operates** two LNG production plants & building two more plants
- ✓ Market **pioneer & leader** in LNG / CNG solutions
- ✓ **195 Million gallons** delivered in 2012
- ✓ Building **largest footprint** of LNG fueling stations "American's Natural Gas Highway™"



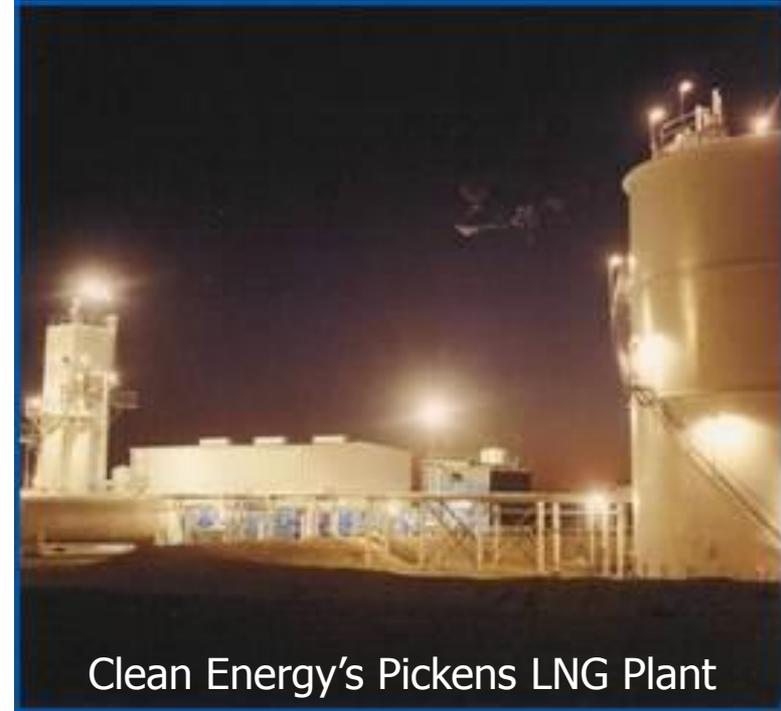
- ✓ **Leading provider of cryogenics** in difficult to serve areas
- ✓ **High-growth, integrated service provider** specializing in cryogenic production and **logistics**
 - ✓ Backed by EMG
- Specialized Private Equity firm
 - Natural resources focus
 - \$6.2B Investor commitments

- Market-Driven Focus on National LNG Supply
 - Plant & Equipment
 - Design & Build
 - O&M
 - Supply Redundancy
 - Turnkey Solutions
 - Strong Financial Backing



The Need – Why Eagle?

- High Horsepower Market Is Shifting to LNG Fuel
- LNG Production Needs to be Located Near Consumption for Optimal Logistics & Costs
- Existing LNG Sources Are Inadequate to Meet Market Needs
- LNG Production Is Specialized and Capital Intensive



Our Customer Requirements

What we bring...

Supply Certainty

- Portfolio of multiple redundant supply sources
- Proven history with LNG plants and turnkey services
- Strong financial resources

Favorable Pricing

- Pricing methods tailored to customer's business
- Short and long-term contracts
- Gas purchasing and hedging options

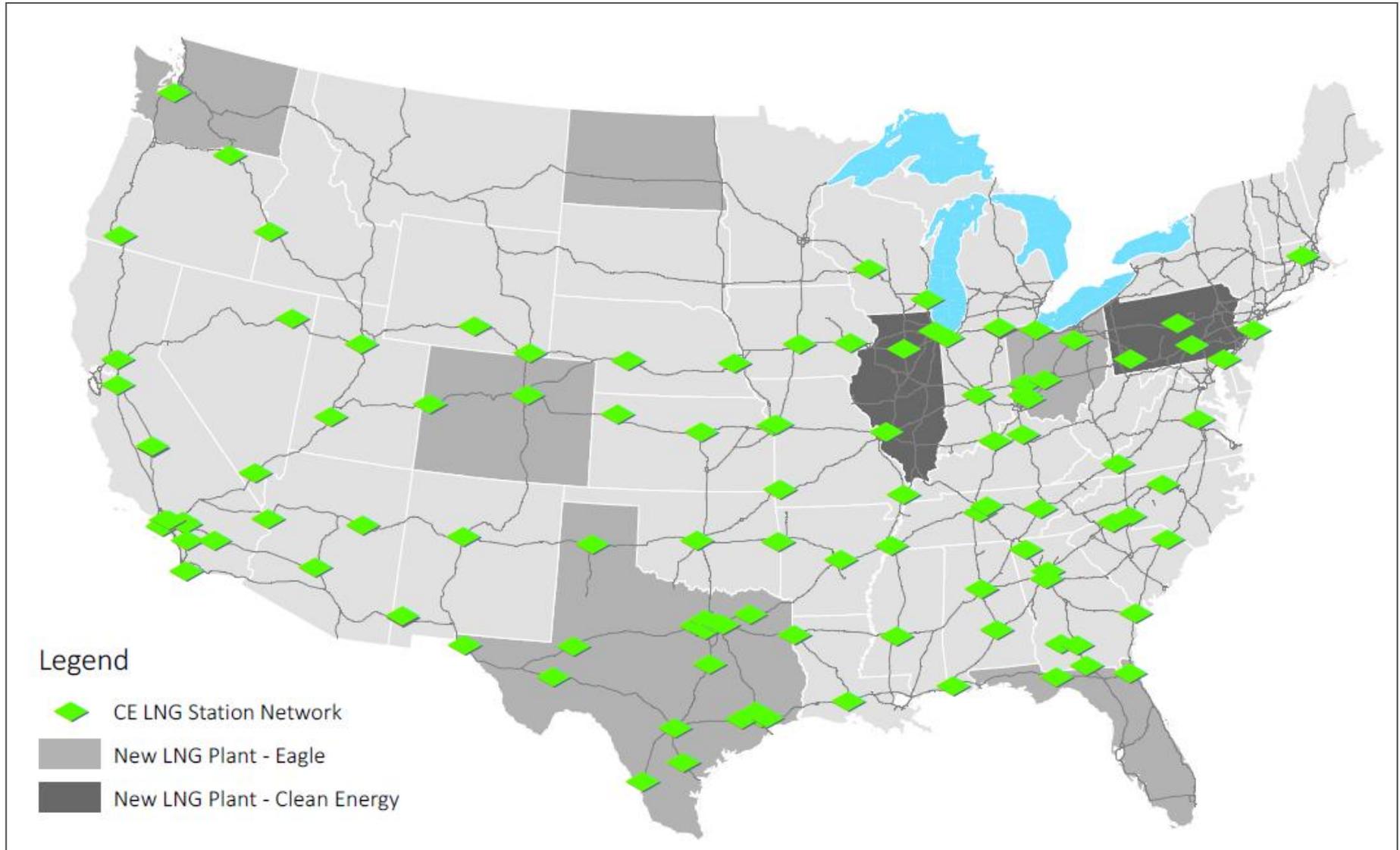
Experience

- Largest LNG producer for transportation fuel in the US
- Collectively over 50 years of LNG experience
- More hands-on practical know-how than rest of market

Tailored Solutions

- Turnkey solutions to meet customer needs
- LNG supply contracts to meet commercial requirements
- Solutions for today and tomorrow

Initial Focus on LNG in 6 States



Case Study

The development of the Boron, CA LNG Plant



- ✓ Greenfield development, construction and startup of LNG plant in California
- ✓ 2 Trains, 180,000 GPD, with 1.8M gallon storage tank
- ✓ Siting, development and permitting fully managed in-house
- ✓ Plant design, selection of EPC contractors and in-house construction management
- ✓ Successful operations since 2008 and plant expansion to 3rd train in planning



Case Study

Serving customers with difficult supply logistics

- ✓ Turnkey service with LNG supply, delivery, storage, and field vaporization
- ✓ First LNG fueled well stimulation
- ✓ First Canadian LNG locomotive fueling train
- ✓ Market share of Canadian oilfield cryogenics



Mobile Gasification/Storage Unit



LNG Fueled Well Stimulation in Texas

First LNG-Powered Tugboat



Announcing....

Eagle's Jacksonville LNG Terminal



- St Johns River Site
- 300,000 GPD
- Expand to 900,000 GPD
- 3M Gallons Storage
- Fuel Dock for Bunker Barges & Vessels
- ISO Container & Trailer Loading Rack
- Rail Loading (Future)
- Q4 2015 Operational



Open Season for LNG Supply Orders!

Thank You!

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