HHP Summit thanks our 2015 sponsors, exhibitors, media partners, and endorsing organization for their tremendous support and leadership.
On behalf of Pivotal LNG, I would like to welcome you to the 2015 HHP Summit in Dallas. We believe events such as HHP present an invaluable opportunity to meet with other industry leaders and share experiences that collectively will help move us toward a more secure and environmentally responsible energy future through the use of alternate fuels.

As you probably know, Pivotal is one of the largest producers/marketers of LNG and is committed to expanding the use of LNG as an alternative fuel. We continue to invest capital in the Southeast to supplement AGL’s existing portfolio of LNG supply, thus increasing the availability of LNG and addressing the “uncertainty of supply” concerns we hear from some potential LNG customers.

LNG demand continues to grow despite the drop in oil prices, and LNG is now being utilized in a variety of applications, including transportation, power generation and other high horsepower applications. Increasing environmental restrictions continue to make LNG a prudent alternative as it produces lower emissions than the use of petroleum-based fossil fuels.

As we will learn during this Summit, the use of LNG as a substitute fuel is increasing as new technologies and applications emerge. The unprecedented growth in the domestic supply of natural gas continues to drive innovation, and we are seeing the results firsthand. Pivotal’s LNG business has grown rapidly since the 2012 Summit, and we anticipate demand of LNG to continue to increase for years to come.

Pivotal LNG is proud to be a presenting sponsor of HHP’s program again this year. We hope you will visit our booth (#503) so we can explore your specific situation and how we would implement an LNG solution that meets your needs.

Sincerely,

Steve Cittadine
President
Pivotal LNG
POWERING A NATURAL GAS FUTURE

THE MOVE TO NATURAL GAS
Lower Operating Costs, Proven Performance

Caterpillar natural gas-powered engines
Mining • Petroleum • Rail • Marine • Electric Power • Solar Turbines
HHP 2015 Customers and Industry Partners,

On behalf of Caterpillar I welcome you to this year’s Summit and thank you for joining us. We’re excited about the agenda for the next two days because we feel strongly that natural gas is of critical importance to our individual and shared futures. I’m confident the discussions we have at the event will underscore this perspective and will help us, collectively and individually, understand what we can do to make a bright future for natural gas a reality.

We’re optimistic about the long-term potential of natural gas because the underlying economics are solid. Yes, we’ll experience volatility. We’ve come to accept this as a condition of participating in energy markets. This doesn’t diminish our commitment to do our part to grow the ecosystem for natural gas. We are continuing to invest in new products that deliver the performance and value our customers expect and deserve. I know many of you are also investing in natural gas technologies, infrastructure, supply chain, and applications. I herald your commitment and look forward to learning more about your progress, and the progress of the industry as a whole.

Together, we’re creating a vision for how to bring the full promise of natural gas to life. Our conversations over the next two days will more firmly implant that vision in our minds and define actions each of us can take to help make that vision a reality.

Thank you, again, for being part of this important Summit. Please take time to visit the Caterpillar booth and introduce yourself to our product experts. We have a great story to tell about our commitment to gas and our customers’ success, and we are anxious to share it with you here.

Warm Regards,

Tana Utley
Caterpillar Vice President
Large Power Systems Division
Dear Conference Participants

On behalf of Chart Industries, I’m delighted to welcome you to the 2015 High Horsepower Summit in the city of Dallas, founded on a rich oil and gas history. This city continues to be the home of many companies that are directly related to each of our businesses. For years, industry leaders have stated that the transformation and use of natural gas as a dominant fuel source started because of the nearby Barnett Shale play. In its early years, which were not so long ago, the Barnett was instrumental to the development of horizontal drilling, fracking and standardized production equipment. As an industry, we continue to use and take those early concepts to the next evolution. Today, we look to expound on the success of these production techniques to produce abundant, clean burning and affordable natural gas as a fuel substitute to traditional oil based products.

Building towards that next evolution is this week’s High Horsepower Summit, the fourth since its inception in 2012. Despite the current oil prices and the resultant business environment we are currently facing, we must remind ourselves just how far the natural gas for fuel industry has come in such a short time. We are far from what this industry will ultimately achieve in terms of fuel substitution, and as proof over the past four years, we have converted numerous high horsepower applications, including oil and gas drilling, marine, rail, mining, marine, power generation, on-road transportation, agriculture, industrial and pressure pumping services. All of which are enjoying both the economic and environmental benefits afforded by this safe, clean burning fuel.

Since we last met in New Orleans the air around the port of Hamburg, Germany is cleaner thanks to Hummel, a hybrid barge using LNG to generate electric power for cruise ships while they’re docked. The Stabilis small-scale liquefaction plant in George West, TX produced its first fuel for multiple applications in the Eagle Ford shale; and LNG fueled generator sets will enable Stornoway’s Renard diamond mine to reduce both operating costs and environmental emissions. These are all examples of LNG being used as a substitute for diesel in high horsepower applications, and all utilizing Chart technology and equipment.

Chart remains fully committed to the natural gas revolution and its increasingly prominent role in the global energy mix. We look forward to renewing old acquaintances and making new ones during this week and, above all, exchanging and exploring ideas with visionaries who share Chart’s passion for natural gas.

Enjoy the conference.

Sincerely,

Sam Thomas
Chairman, CEO and President
Chart Industries, Inc.
Pivotal LNG is committed to providing our customers with firm, liquefied natural gas supply 24 hours a day, 365 days a year.

Visit us at Booth 503 at the HHP Summit.
WELCOME

On behalf of Pivotal LNG, I would like to welcome you to the 2015 HHP Summit in Dallas. We believe events such as HHP present an invaluable opportunity to meet with other industry leaders and share experiences that collectively will help move us toward a more secure and environmentally responsible energy future through the use of alternate fuels.

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Sincerely,

Steve Cittadine
President
Pivotal LNG

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www.gladstein.org
Welcome to Dallas and the 2015 High Horsepower Summit. We are thrilled to have you here.

It has certainly been an interesting 12 months since we last convened in New Orleans! If you had told me then that oil would trade around $50 a barrel for the next year, I would have waited for the punch line. Unfortunately there is no punch line and the market has weathered a difficult storm during this time. However, we continue to see incredible resiliency in the market and a tremendous amount of positive activity.

Several new LNG production plants have come on line in the last year and several more will commence operations in the next 12 months. With a robust supply of fuel, the market can now begin to grow. The North American market for LNG marine fuel has transitioned from zero vessels running on LNG to several vessels running on natural gas daily with significant growth expected to continue in the near term. The natural gas rail and mining sectors have continued to advance at a steady pace and new developments and announcements are expected. We have seen incredible innovation and growth in a variety of off-pipeline industrial applications using innovative supply chains to deliver natural gas for heat and power and expect considerable growth in these markets in the year to come. Meanwhile, as production in the oil and gas patch has decreased dramatically in the last year, natural gas-powered drill rigs and pressure pumps have remained in service, helping the industry to reduce operating costs in an otherwise tight environment. In each market segment, we are seeing growth and opportunity, a storyline that will continue here at the HHP Summit and in the year ahead.

While this last year has served as a stress test for our industry, we have seen an incredible response from everyone working in this market every day. We have all sharpened our focus and our pencils and have figured out how to deliver more value and better performance to the end-user. As oil prices rebound to an expected range of $65 to $80 a barrel, and with natural gas expected to remain in the $3.00 to $4.00 per MMBTU range for the long term, our industry will undoubtedly be significantly better positioned to take advantage of the 30 to 50 percent fuel cost savings that can be delivered to the customer.

As I have said repeatedly in the months leading up to this year’s show, it does not matter what the price of petroleum diesel is today. The real question is, what will be the price of petroleum diesel in 2020, 2025, and beyond? For industries that buy assets with 20-, 30-, or 40-year lives, we must think strategically and long-term.

Over the next several days, we will hear more about the long-term business case for natural gas in the HHP sector and about an array of incredible success stories taking place in the market every single day. As is the case every year, we have worked with our presenting sponsors—Caterpillar, Chart and Pivotal LNG—our other industry sponsors and exhibitors, and leaders from throughout the industry to assemble an HHP Summit program that is timely, relevant, and provides value to each of our attendees. We have case studies and speakers from literally all over the globe here to talk about their projects, their technology, and their efforts to advance and drive growth within the natural gas HHP sector. The finely-tuned programming is an excellent complement to the impressive array of technology, innovation, and customer-focused companies being represented on the trade show floor.

We are thrilled to be back in Texas, the heart of the North American energy economy. We are pleased you have arrived at the HHP Summit and look forward to spending the next couple of days with you all. On behalf of planning committees, event partners, speakers, endorsing organizations, media partners, and the extensive list of sponsors and exhibitors, I offer our sincere welcome and a heartfelt thank you for your participation.

See you on the show floor!

Erik Neandross
Chief Executive Officer
Gladstein, Neandross & Associates
Fueling the Clean Energy Movement

Cosmodyne Natural Gas Liquefiers (LNG)

Boost pump for HHP fueling systems

Natural gas refueling system for HHP

High Pressure Water Pot Vaporizers

HP/LP marine propulsion systems

Visit Us at Booth # 408
Greetings:

As Governor of Texas, I am pleased to welcome you to Dallas and the High Horsepower Summit.

Our state is blessed with plentiful natural resources, home to rich oil reserves, abundant shale plays and a variety of alternative energy projects. Thanks to our thriving economy, Texas also consumes more energy than any other state. As such, it is vital that we continue exploring ways to strengthen the energy industry as our state continues to grow and our nation strives for energy independence. As you gather to discuss the future of natural gas in your organizations’ operations, I commend you for your commitment to innovation.

To those from out of town, welcome to Texas! Dallas is renowned for its many attractions. From the best in professional sports to excellent Texan fare and an array of cultural activities, this vibrant area has something for everyone. I encourage you all to explore and enjoy.

First Lady Cecilia Abbott joins me in sending best wishes for a successful event.

Sincerely,

Greg Abbott
Governor
LNG PRODUCTION
Three liquefiers located in Arizona and Texas cover the central and southwestern US.

LNG DISTRIBUTION
49 cryogenic trailers for reliable delivery of LNG where needed.

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Best Possible Service at the Best Price Possible

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sales@appliedLNG.com
(818) 450-3669
October 2015

Greetings,

As mayor of Dallas, it is my pleasure to welcome the High Horsepower (HHP) Summit, held October 27-29, 2015 at the Kay Bailey Hutchinson Convention Center.

Since its inception, the HHP Summit has served as the official meeting place of high horsepower industry stakeholders to discuss the opportunities and challenges offered by natural gas in high-fuel use operations.

We are pleased that your organization chose the city of Dallas to conduct its national meeting and I welcome each of you! As you descend upon Dallas for your national conference, I encourage each of you to enjoy our beautiful city and its diversity of things to do and see. I hope that you will discover why we love to call Dallas home.

On behalf of the citizens of Dallas, we wish you the best for a memorable, joyous and successful convention.

Best regards,

Michael S. Rawlings
Mayor
We have the solution for your **LNG** needs.

![Inter-modal LNG/Multi Chemical Cryogenic ISO Tank-Containers](image)

**Corban Energy Group** has been working to create highly engineered equipment required by the CNG/LNG supply chain, from upstream to downstream. Corban has established natural gas fueling stations throughout the U.S., and has been sourcing quality CNG/LNG equipment for the U.S. Market with its worldwide network of its manufacturing partners in the industry.

Visit our booth **722** at **HHP Summit 2015** to find out how your company can benefit from our comprehensive L/CNG products and services.

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High Horsepower Summit

Dear Friends:

It is my pleasure to send my greetings as you gather for the 2016 High Horsepower Summit (HHP) in Dallas, Texas.

I understand this will be the largest conference and expo on the use of natural gas to fuel HHP applications in North America. Texas has long been a leader in energy technologies, and I hope you enjoy your time and experiences in Dallas.

I send my best wishes for a productive event.

Sincerely,

[Signature]

JOHN CORNYN
United States Senator
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We offer the industry’s only complete LNG solution:
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CUSTOMER SATISFACTION.
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WHAT YOU NEED, WHEN YOU NEED IT.
U.S. owned and operated since 1963, Dragon is a severe-duty energy and industrial equipment manufacturer and distributor.

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Greetings:

It is with a tremendous sense of appreciation and gratitude that I welcome the participants in the **2015 HHP Summit** to Dallas. Your presence reflects your interest in the safe growth of our nation through visionary technologies that your industry has helped to pioneer, and continues to utilize and promote.

Your forward thinking business practices and your high regard for the well-being of people is recognized and widely appreciated. As a nation we shall continue to be successful in developing our infrastructure needs with people such as you playing an essential role as we move forward.

I am hopeful that your time together will be fruitful, and that you will continue to set high standards for your industry that others can emulate. Enjoy your time together as you continue to work towards prudent solutions and strategies.

Sincerely,

Eddie Bernice Johnson
Member of Congress
Get a look at the next generation of diesel displacement from GE Waukesha.
Visit the GE stand!
Dear High Horsepower (HHP) Summit Attendees:

A heart-felt welcome is extended to you from the City of Dallas, Texas Senatorial District 23, and the great State of Texas as you convene for your fourth High Horsepower (HHP) Summit.

I implore you to enjoy your visit to the great state of Texas and extend to you Dallas' unique brand of hospitality and more specifically, full access to a service-centered city that is home to more than 1.2 million citizens, some 450,000 households, hundreds of fine dining establishments, marvelous places to shop, and poised for growth.

I applaud the dedication and continued efforts of the HHP Summit organizers who have worked to bring together a network of over 1500 HHP and natural gas stakeholders for this year's conference. It is my sincere desire that the HHP Summit affords you every opportunity to identify ways to improve environmental performance, significantly reduce fuel costs, and increase public awareness of clean alternative fuels.

Again, we are pleased to have you join us in Dallas and best wishes for a successful and enjoyable experience during your stay!

Sincerely,

Royce West
State Senator
District 23
Demand for natural gas is moving beyond the stationary grid, and our Mobile Pipeline™ products deliver. TITAN™ is the largest all-composite commercial pressure vessel in the world and our trailers are designed specifically for transporting large amounts of energy gases.

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hexagonlincoln.com

Watch our Mobile Pipeline™ in action at hexagonlincoln.com/hhp
Dear Conference Attendees:

As the State Representative for House District 108, it is my pleasure to welcome all attendees of the 2015 Natural Gas for High Horsepower Summit to Dallas and the district I represent.

During your stay, I know you will be busy learning about the exciting developments in your industry, growing your business, and connecting with people from around the world who share your passions and goals. However, I hope you also take time to explore the wonders of our city. In addition to world class dining and shopping all across the city, Dallas has exceptional offerings in history, culture, and the arts.

- **History** – My district has the great honor of being the home of the George W. Bush Presidential Center at Southern Methodist University – Five presidents and nearly 9,000 visitors worldwide attended this venue’s debut in 2012.

- **Entertainment** – Thirteen entertainment districts are located in and near downtown, from historic Deep Ellum, Main Street and Bishop Arts districts, to Knox-Henderson, uptown, and Greenville Avenue. All have their unique history, customs and cuisine that contribute to our diverse culture.

- **Arts and Culture** – The Dallas Museum of Art, Nasher Sculpture Center, Crow Collection of Asian Art, Myerson Symphony Center, AT&T Performing Arts Center, Perot Museum of Nature and Science, and Klyde Warren Park are all located in the nation’s largest urban arts district. Dallas is also home to the largest collection of Spanish art outside of Spain at the Meadows Museum. Additionally, we hope you’ll visit the beautiful Dallas Arboretum set on more than 60 acres at White Rock Lake - the Southwest’s largest floral display.

Again, welcome to Texas and Dallas. I extend best wishes for a successful and exciting conference. I know you will look back and remember Dallas as a great place to hold the Natural Gas for High Horsepower Summit.

Sincerely,

Morgan Meyer

State Representative
House District 108
Expo Hall and Exhibitors
### Expo Hall Schedule

**Wednesday, October 28**

- 12:00 noon - 3:00 p.m.
- 4:30 p.m. - 6:30 p.m.

**Thursday, October 29**

- 8:00 a.m. - 9:00 a.m.
- 12:15 p.m. - 3:00 p.m.

### Exhibitors

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VIEW THE FULL SPEAKER ROSTER AT hhpsummit.com/agenda
TUESDAY, OCTOBER 27

11:00 a.m. - 2:30 p.m. OFF-SITE TOUR
Applied LNG Midlothian Plant Ribbon Cutting and Technical Tour

Sponsored by

Join Applied LNG for a unique visit to celebrate the opening of its Midlothian LNG Plant. Following the facility's official ribbon cutting, attendees will receive a tour of the brand new plant and a hosted lunch. Be among the first to see the facility’s initial liquefaction train and the site’s six LNG storage tanks. The plant will have 300,000 gallons of storage capacity, which will eventually reach 1.5 million gallons when the facility is fully built out. LNG produced onsite will be used by on- and off-road customers across Texas, Louisiana, Arkansas, Oklahoma, and New Mexico.

3:00 p.m. - 5:00 p.m. TECHNICAL WORKSHOP
A Closer Look at Methane: From Production to Point of Use

Presented by

As the market for natural gas fuel in a variety of high horsepower applications continues to grow, so too does focus and attention on the fuel itself—methane. While methane fuel provides significant environmental and economic advantages to end-users, it is a greenhouse gas, and stakeholders throughout the supply chain are keenly aware of the financial and economic impacts of inadvertently releasing the fuel into the atmosphere. This workshop will highlight a number of studies, technologies, SOPs, and other efforts that are being made to reduce the release of methane within the supply chain—from the production of the gas to transmission, and through to the point of end-use. This workshop will focus on “big picture” national efforts to look at methane, and will provide specifics for various HHP sectors, especially marine, rail, and E&P operations.

MODERATOR: Patrick Couch, Project Director, Gladstein, Neandross & Associates
Ian Laurenzi, Advanced Research Associate, Exxon Mobil Corporate Strategic Research
From Well to Transmission: A Life Cycle Analysis of Methane
Scott Hartman, Downstream LNG Application Specialist, Shell
The Environmental Benefits of High Horsepower Marine Vessels: A Well to Wake and ECA Analysis of LNG and Diesel
Chris Underwood, Project Manager/Engineer, MAN Diesel & Turbo
Marine LNG, from Tank to Propulsion with ME-GI

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TECHNICAL WORKSHOP
Leveraging Existing LNG Assets to Grow the Market
Presented by FERUS

Though it is a relatively recent fuel option for the transportation market, LNG use in North America is not a new phenomenon. Historically, LNG production infrastructure has been located at utility peakshave operations, merchant plants, and import/export terminals. To leverage additional value from these important assets, facility owners and operators have begun to progressively expand their use to meet the fueling needs of companies using natural gas to power on- and off-road equipment, as well as a variety of other regional stationary high horsepower applications. Utilities in particular have taken advantage of this opportunity to expand into new developing markets. To leverage existing LNG production and storage assets to accommodate these new users, a number of regulatory, technical, and operational considerations must first be addressed. Once these issues are managed, existing facilities can provide an important short-term LNG fuel supply solution to these growing markets. Not only can they deliver fuel to the market on an almost immediate basis, but they can provide a reliable and robust supply of that fuel in an interim period while a larger, dedicated LNG production facility is constructed. This workshop will showcase several success stories and facilities that are now contributing to the growth of these markets and provide critical knowledge, information, and insight to stakeholders looking to leverage existing LNG production assets to grow regional natural gas HHP market sectors.

MODERATOR: Bill Wells, Director, HHP & Utility Markets Eagle LNG Partners
Aaron Johnson, Vice President, Corporate Development, Citizens Energy Group / Kinetrex Energy
Navigating Utility Commission Approval for LNG Offtake and Third Party Sales
David Jaskolski, Senior Account Manager, Pivotal LNG / AGL Resources
Leveraging Multiple LNG Assets to Build a Robust LNG Market and New LNG Production
Kevin Markey, Director of Natural Gas Fueling Solutions, GP Strategies
Trailer Loading Facilities and Critical LNG Infrastructure for HHP Applications
Louis James, Director, Business Development, UGI Energy Services LLC
UGI Energy Services – LNG Asset Evolution

TECHNICAL WORKSHOP
Critical Path Issues for the North American LNG Marine Market
Presented by ANGA

Though the North American marine sector has made significant strides in the transition to cleaner burning, domestic natural gas, there are still key barriers in place that limit market adoption going forward. In order to surpass these challenges, logistical and regulatory roadblocks must be overcome, including designing and revising regulation to better address key issues like LNG tank placement, simultaneous operations, ISO standards for bunkering, and other midstream logistics considerations to ensure the smooth adoption of LNG in North American marine operations. Listen in as industry experts, government agencies, and leading end-users address these critical path issues to drive LNG marine market growth.

MODERATOR: Charlie Riedl, Director of Transportation & Equipment, America’s Natural Gas Alliance
Joseph McKechnie, LNG Project Manager, Moran Towing
An End-User’s Perspective: Key Needs and Issues for Brownwater LNG Operations
Jan Andersen, Director of Business Development Solutions, DNV GL Maritime Advisory
LNG as a Fuel – Harmonization of Requirements, Standards, and Regulations
Trey Hartstern, Project Manager LNG Marine Fuel Americas, Shell Trading US
Supplier Interest in Efficient Delivery; SIMOPS for Marine Application
Ken Smith, Office of Design and Engineering Standards, Facilities and Vessel Operations Requirements, US Coast Guard
Regulations and Considerations for LNG as a Marine Transportation Fuel

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WEDNESDAY, OCTOBER 28

9:00 a.m. - 9:10 a.m.  Summit Welcome
Tana Utley, Vice President Large Power Systems Division, Caterpillar

9:10 a.m. - 9:30 a.m.  GENERAL SESSION  Opening Address
Tana Utley, Vice President Large Power Systems Division, Caterpillar

9:30 a.m. - 10:20 a.m.  GENERAL SESSION  Executive Roundtable: The Voice of the Customer
Sponsored by Caterpillar

There is no better way to kick-off the HHP Summit than to hear directly from customers considering and investing in natural gas power as a means to reduce fuel costs and the environmental impacts of their operations. Executive leadership from companies expanding the use of natural gas in the marine, locomotive, mining, and E&P industries will join us to provide the “voice of the customer” and to explore the key considerations necessary to develop a successful natural gas project, while ensuring the sustainability of these operations. Despite the upfront investment such a venture will require, the long-term nature of their assets means that operators can see significant lifetime cost savings and numerous benefits for their respective companies. However, to realize these gains, key project criteria must be established up front to reduce risk, ensure seamless operations, achieve operational reliability and redundancy, and provide a high level of certainty on economic payback and regulatory considerations. Hear from executive leaders from various end-user segments as they provide their perspective on these critical components required for successful project development and their goal and strategies to achieve the benefits natural gas can provide in these operations.

MODERATOR: Tana Utley, Vice President Large Power Systems Division, Caterpillar
George Piccioni, Director Business Development, AEP River Operations
Mark Schulze, Vice President Safety, Training, and Operations, BNSF Railway Company
Christian Buelow, General Manager Downstream LNG Americas, Shell LNG

10:30 a.m. - 11:30 a.m.  GENERAL SESSION  Executive Roundtable: Building for the Long Haul
Sponsored by Pivotal LNG

The price of petroleum today is irrelevant. The real question is: what will the price of petroleum products be in five years, ten years, and beyond? Most agree that the current oil price environment is likely short-lived and the longer term fundamentals of energy dictate a fuel price spread based upon $65 to $75 per barrel of oil and natural gas prices in the $4.00 per MMBTU range. At these energy prices, fuel cost savings are still significant, potentially in the 30 to 50 percent range. High horsepower projects—particularly those incorporating the use of natural gas as a transportation fuel—are long-term investments, requiring years of foresight and planning for implementation. This session will focus on the numerous reasons why leading industry stakeholders are continuing to invest in natural gas technologies and infrastructure as a strategy for the “long haul.” Senior executives from leading HHP projects will present the continued business case for transitioning away from diesel and toward natural gas, including anticipated current and future net savings, and timelines for profitability and return on investment.

MODERATOR: Erik Neandross, Chief Executive Officer, Gladstein, Neandross & Associates
Pete Tumminello, Executive Vice President, AGL Resources / Pivotal LNG
Aaron Bridges, Vice President of Sales and Marketing, Chart Energy & Chemicals
Roger George, Vice President Global Compression Sales, GE Distributed Power
Matthew Jackson, Vice President LNG Business Development, Crowley Maritime Corp.

11:30 a.m. - 12:00 noon  GENERAL SESSION  Keynote Address
Anthony Chiarello, President and Chief Executive Officer, TOTE, Inc.
Marine LNG: Bringing a New Fuel to Ships and Ports

Access the most up-to-date agenda information at www.hhpsummit.com/agenda.
### 3:00 p.m. - Technical Session #1

#### TECHNICAL SESSION 1.1
**The North American LNG Marine Market has Launched**

For the first time in North America, multiple LNG vessels are operating in US and Canadian waters. Leading marine operators will share the results of their LNG projects from this past year and their continued focus on natural gas marine deployments in the years ahead. Case studies will highlight preliminary operational data, technologies employed, and the bunkering strategies developed to launch the domestic LNG marine market.

**MODERATOR:** Gregory Denton, Business Development Manager, GTT North America

- **Chad Verret,** Executive Vice President Alaska & LNG Operations, Harvey Gulf
  - *A Report on the First Year of Operations*

- **Ben Christian,** Project Manager, TOTE
  - *TOTE: Pioneering the Marine Use of LNG*

- **John Hatley,** Americas Vice President Ship Power, Wärtsilä North America, Inc.
  - *Energy Nexus & LNG Fuel: The Marine Business Case*

#### TECHNICAL SESSION 1.2
**Natural Gas for Remote Power Generation: A Global Phenomenon**

An emerging bright spot in the current natural gas HHP market is the use of LNG and CNG to fuel remote power generation applications in areas that lack access to pipeline infrastructure. Operators from the Yukon to the Caribbean are turning to “virtual pipeline” solutions to deliver low-cost natural gas as an alternative to diesel fuel. In addition to fuel cost and environmental savings, natural gas is providing long-term price stability for these operators. End-users on this session will address the challenges, benefits, and considerations associated with the development of an off-pipeline natural gas remote power generation project.

**MODERATOR:** Brent Haight, Publisher, Diesel & Gas Turbine Publications

- **Andrew Hall,** President and Chief Executive Officer, Yukon Energy Corporation
  - *LNG Supply Chain Development & Challenges for Remote Power Generation*

- **Tim Scott,** Regional Sales Manager, North America, Caterpillar, Inc.
  - *CAT Power for Off-Pipeline Energy Production*

- **Randall Hull,** Vice President of Business Development, Prometheus Energy
  - *LNG Supply Chain and Logistics for Remote Power Production*

- **Aaron Trexler,** Product Line Director, GE Power & Water
  - *GE Waukesha’s Gas Engines – Delivering Power and Performance for E&P Operations*
3:00 p.m. - 4:30 p.m. TECHNICAL SESSION 1.3

**Updates and Progress in the North American Natural Gas Rail Market**

In spite of the recent dip in petroleum prices, Class 1 and short-line railroads across North America continue to aggressively advance their efforts to demonstrate, test, and deploy natural gas-powered locomotives in their operations. Like the freight trains themselves, these efforts can be long and slow to get going given outstanding questions such as federal standards for natural gas tender cars. However, stakeholders hope that once these projects are on the tracks, the momentum will be hard to stop. Leading rail executives will provide details on their companies’ natural gas locomotive project efforts and strategies, key lessons learned thus far, and important forward considerations critical for the growth of this market.

**MODERATOR:** Scott Nason, Product Manager – Railroad Product Group, Chart Industries

**Mike Swaney**, Director Operations Analytics, BNSF Railway  
*An Update on BNSF’s LNG Journey*

**Martha Lenz**, Director Engine Systems, Electro-Motive Diesel  
*Powering a Natural Gas Future for Rail*

**Graciela Trillanes**, LNG Product Leader – Locomotive, GE Transportation  
*GE’s Gas Power for Locomotives*

3:00 p.m. - 4:30 p.m. TECHNICAL SESSION 1.4

**Staying Profitable by Reducing E&P Operating Costs in a Tight Market**

With an array of economic, operational, and competitive challenges in today’s market, it is more important than ever for E&P operators to find ways to increase efficiency and improve performance. In this session, industry leaders from the oil & gas sector will discuss how they are reducing costs via the use of LNG, CNG, and field gas in E&P operations. This discussion will give attendees the opportunity to become acquainted with the latest advances in natural gas-powered technology, key considerations for maximum diesel displacement, and strategies to decrease fuel costs in daily drilling and pressure pumping operations.

**MODERATOR:** Alan Grosse, Vice President, Oil & Gas, FlexGen Power Systems

**Jared Oehring**, Director of Technology, US Well Services  
*Mobile Gas Turbine Power Units: The Solution to Increasing Power Demand in the Growing Well Stimulation Market*

**Sam Goswick**, Drilling Engineer – Well Construction and Technology, Devon Energy Group  
*Fracking with Field Gas*

**Lyle Jensen**, President and Chief Executive Officer, American Power Group, Inc.  
*Capturing and Converting Flare Gas at Remote and Stranded Well Sites*

**Greg Kessler**, Senior Manager, Maintenance, Global Operations, Calfrac Well Services Corp.  
*Hydraulic Fracturing with LNG: A Case Study*

4:30 p.m. - 6:30 p.m. Networking Reception in the Expo Hall

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<tr>
<td>8:00 a.m.</td>
<td>Continental Breakfast in the Expo Hall</td>
<td>Sponsored by AIR LIQUIDE</td>
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<td>9:00 a.m.</td>
<td>GENERAL SESSION 9:00 a.m. - 9:15 a.m.</td>
<td>Opening Remarks - Joel Feucht, General Manager of Gas and Medium Speed Engines, Caterpillar Inc.</td>
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<tr>
<td>9:20 a.m.</td>
<td>GENERAL SESSION 9:20 a.m. - 10:30 a.m.</td>
<td>Executive Roundtable: Building Regional Customer Density and Market Diversification - From California and British Columbia, to Texas, North Dakota, and Florida, never before have we seen such a dramatic increase in the development of new LNG production facilities dedicated to the HHP market. While a single large customer or dominant market segment in a particular geography may provide the opportunity to construct such plants, building a diverse customer portfolio reduces risk and provides the greatest opportunity for long-term business growth. In this session, industry executives from leading fuel suppliers will discuss critical strategies for leveraging their initial infrastructure investments to build greater customer density in a given market. Reviewers: Sam Thigpen, Vice President &amp; General Manager-Lifecycle Products &amp; Services, Chart Energy &amp; Chemicals, Inc.; Jim Reddinger, Chief Operating Officer and Chief Financial Officer, Stabilis Energy; Dick Brown, President and Chief Executive Officer, Ferus Inc.; Christian Buelow, General Manager Downstream LNG Americas, Shell LNG; James Hulse, Business Development Manager, Applied LNG.</td>
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<tr>
<td>10:30 a.m.</td>
<td>10:30 a.m. - 10:45 a.m.</td>
<td>Networking Break</td>
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10:30 a.m. - 12:15 p.m. TECHNICAL SESSION 2.1
Lessons Learned from the International LNG Marine Market

LNG marine vessel owners and operators from the European market will join us to share their extensive experience and real-world in-use data from running natural gas in their operations over the last decade. The case studies presented will provide details on how these operators are reducing operational costs—beyond fuel price spreads—via the use of clean burning natural gas. Insight will be provided on key planning considerations when undertaking a natural gas marine vessel project; challenges and successes identified in the conversion process; and the operational, environmental, and cost improvements that have been achieved.

MODERATOR: John Grubic, Team Lead – LNG Business Development, Shell
Tor Borge, Chief Executive Officer, NOR Lines
Dedicated LNG Power for Norwegian Cargo Ships
Ruud te Selle, Project Manager, Anthony Veder Group
Lessons Learned During Development of LNG Fueled Ships, Ship Retrofits, and New Build LNG Bunker Ships
Leif Gross, Product Definition / New Product Introduction Manager, Caterpillar Marine Power Systems
CAT Marine Engines: Leveraging Fuel Flexibility with Reliable Performance
Sindre Håberg, Area Sales Manager Commercial Marine, Rolls-Royce Marine
Dedicated Gas Engines for Marine Power and Emissions Performance

10:30 a.m. - 12:15 p.m. TECHNICAL SESSION 2.2
Logistics and Management of Innovative Natural Gas Supply Solutions

Though lack of natural gas infrastructure has been an impediment for many remote engine operators, “virtual pipelines” now facilitate the widespread availability of easily accessible natural gas supply in regions where traditional pipeline infrastructure does not exist. While delivered natural gas may come with its own set of startup challenges, innovative supply solutions can bring end-users relief from high operating costs associated with the use of diesel. This discussion will highlight projects where LNG and CNG are delivered to off-pipeline customers via the use of ISO containers, tube trailers, rail cars, and other innovative transport methods, and will provide an overview of the logistics and management considerations necessary when implementing natural gas into daily operations. The panel will discuss key project elements including decision points for choosing a fuel provider, selecting locations, and fuel delivery methods for a variety of remote operations. Regulatory compliance and the need for an open dialogue with first responders, government agencies, and the communities at large will also be among the topics explored by the panel.

MODERATOR: Ian Patterson, Sales Director, Americas and Europe, JC Carter
Pedro Frazão, Director and Chief Operating Officer, GÁSLINK
Case Study: The Portuguese LNG Virtual Pipeline
Sam Thigpen, Chief Executive Officer, TRF Energy Solutions / Thigpen Energy
Delivering 1 Billion BTUs per Hour with Portable Natural Gas
Chris Schmalbruch, President, VIG North America Inc.
Delivering the First LNG Tank Car for Commodity Transport of Natural Gas
Randall Hull, Vice President of Business Development, Prometheus Energy
Optimizing Fuel Sourcing for HHP Applications

10:30 a.m. - 12:15 p.m. TECHNICAL SESSION 2.3
Mining for Savings: Increased Use of Natural Gas in Mining Operations

Open pit mining operations offer tremendous opportunity to reduce fuel costs and emissions by substituting diesel with natural gas. With the abundance of this lower cost and cleaner burning fuel in North America, many forward-thinking mining sector representatives are currently evaluating the use of natural gas to fuel both haul trucks and on-site power generation equipment. At a time when the mining industry is facing a number of economic and regulatory challenges, a transition to natural gas can result in a direct improvement to companies’ bottom lines. This panel will include a discussion by leaders in the mining industry who are currently using or are seeking to utilize natural gas technology in their own operations. Panels will showcase real world opportunities and challenges, as well as actual cost savings achieved by incorporating natural gas into mining operations.

MODERATOR: Bobby Cushman, Vice President CryoLNG, Taylor-Wharton Cryogenics LLC
Jeffery Castleman, Large Mining Truck New Product Introduction and Strategy Manager, Caterpillar, Inc.
Extracting Customer Value with Natural Gas for Large Mining Trucks
Dean Purcelli, Senior Vice President, Business Development, Stabilis Energy
Supply Chain Fueling & Infrastructure for Mining Operations
David Branyon, Staff Engineer, Engine Development, Southwest Research Institute
Optimization of Dual-Fuel Engines for Maximum Diesel Replacement
Kevin Frantz, LNG Engineering Manager, Crowley Maritime/Carib Energy
The Seven Wonders of LNG

Access the most up-to-date agenda information at www.hhpsummit.com/agenda.
2:30 p.m. - 4:00 p.m. TECHNICAL SESSION 3.1
An Update on LNG Marine Bunkering
Sponsored by DNV GL

With natural gas marine vessels now on the water, a diversity of bunkering options are now beginning to emerge. In this session, speakers will review the various methods available to deliver natural gas aboard vessels utilizing a variety of bunkering solutions and the associated costs. They will discuss the current fuel supply availability in North America, as well as the merits of dock-side fueling via tanker truck, bunker barge delivery, direct loading from a dock-side LNG plant, and other similar strategies. Attendees will leave with a better understanding of how to navigate LNG production, fuel sourcing and delivery, regulatory and safety requirements, and other key considerations in the development of a natural gas fueling plan.

MODERATOR: Jason Smith, Commander, United States Coast Guard
USCG Policy Letters on LNG Bunkering, Personnel Training and Waterfront Facilities
Paul Herrgesell, Director LNG Logistical Operations, Southeast LNG / AGL Resources / Pivotal LNG
LNG Bunkering – Dockside in Jacksonville, Florida
Pace Ralli, Chief Executive Officer and Co-Founder, Clean Marine Energy LLC
Finding a Home for America’s Natural Gas in the Marine Market
William Hutchins, Marine Project Engineer, Shell Trading US
Articulated Tug-Barge for the Future of LNG Bunkering in the US
Gary Van Tassel, Senior Vice President LNG Technical, Argent Marine
Key Considerations for Brownwater Midstreaming

2:30 p.m. - 4:00 p.m. TECHNICAL SESSION 3.2
Natural Gas for Burner Tips, Utilities, and Off-Pipeline Industrial Applications

With an abundance of natural gas and LNG supply in North America and a growing array of innovative means by which to deliver it to a customer, a wide range of off-pipeline industrial projects are increasingly turning to the use of natural gas as a low-cost, stable, and environmentally preferred fuel for remote utilities, boilers, dryers, and other heat and steam needs. Paper plants, power plants, hospitals, stone and gravel operations, portable asphalt plants, greenhouses, and agricultural operations are now able to access a secure, steady supply of natural gas to meet the needs of their daily operations. Off-pipeline customers on this panel will share their reasons for moving to natural gas (LNG and CNG), specifications of the technologies used, implementation challenges, and how these technologies fit in with the broader strategic vision of each company.

MODERATOR: Mark Babcock, Compressed Natural Gas Business Development Manager, Algas-SDI International, LLC
Matthew Jackson, Vice President LNG Business Development, Crowley Maritime Corp.
Advantages of LNG in Industrial Applications
Ron Cox, Vice President Power Supply, Hawaiian Electric
LNG for Clean Power Generation in Hawaii
Austin Hastings, Senior Manager LNG/CNG Engineering and Operations, PG&E
Large-Scale Portable LNG and CNG to Preserve Customer Service During Planned Outages
Ben Deal, Business Development Manager – LNG, IPC USA, Inc.
Delivering LNG to Asphalt Plants and Other HHP End-users

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<tr>
<td>2:30 p.m.</td>
<td>TECHNICAL SESSION 3.3 Key Considerations</td>
<td>To stay profitable in a difficult economic environment, E&amp;P companies must continually innovate, increase operational efficiency, reduce fuel costs, and prepare to meet inevitably more stringent emission regulations. While this can produce many challenges, it is an exciting time and proper preparation can provide opportunities for growth and increased efficiency. Here, panelists will discuss emerging methods for natural gas well development, exploring technologies to reduce an array of emissions, utilize field gas, and reduce operating costs for drilling and pressure pumping operations. Speakers will discuss the status of these innovations, their current phase of development, end-users testing their technologies in the field, and the long-term viability of each technology.</td>
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<td>2:30 p.m.</td>
<td>TECHNICAL SESSION 3.4 Moving Natural Gas Rail</td>
<td>Despite rising interest in LNG and CNG locomotives, considerable challenges still exist when it comes to the transition of rail operations from diesel to natural gas. Standards and regulations have been slow to progress, engine and fuel storage technologies continue to be developed, significant questions about fueling and operational considerations still remain, and thus, comprehensive project economics remain unknown. Those joining us for this discussion include the key industry players who are working hard to build the foundations required for the long-term success of the natural gas rail sector. This session will highlight the progress that has been made to facilitate the shift to natural gas locomotives, as well as the work that is still necessary for the industry to advance these projects from the testing phase to full-scale deployment.</td>
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**Expo Hall Closes**

3:00 p.m.

**Summit Ends**

4:00 p.m.
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Featured Speaker Biographies

Peter Keller
Executive VP, TOTE, Inc.

Peter Keller is executive vice president of TOTE, where he assists in the oversight of both TOTE Shipholdings and the TOTE Maritime Division of TOTE, which includes Sea Star Line and Totem Ocean Trailer Express. Mr. Keller joined TOTE in February of 2012 as president of Sea Star Line and has been leading the conversion of the company’s fleet to LNG. Previously he was the principal of Peter I. Keller and Associates, LLC, a consulting and advisory practice serving the international maritime industry. Mr. Keller has extensive experience in port and terminal development, liner industry activities, labor relations, intermodal operations, and supply chain economics and strategies. From 2000 until 2010, Mr. Keller was executive vice president and chief operating officer of NYK Group Americas, Inc., overseeing policy matters for the NYK Group operating companies in North America, including NYK Line, NYK Logistics, Yusen Terminals, and Ceres Terminals. Prior, he was president of NYK Line (North America) Inc. and a member of the governing board of NYK in Tokyo. Together with Target Stores and TTSI he founded the Coalition for Responsible Transportation (CRT). Mr. Keller was inducted into the International Maritime Hall of Fame in 2006 at the United Nations in New York.

Peter Tumminello
Executive VP, Nonregulated Businesses, AGL Resources

Peter Tumminello was named executive vice president of nonregulated businesses for AGL Resources in May 2015. In this role, he is responsible for all operations outside of the regulated entities, including wholesale services, retail energy, and retail services. He also serves as president of Sequent Energy Management and has executive responsibility for midstream operations. Mr. Tumminello brings more than 30 years in the energy industry to his current position. He joined the executive management team of Sequent in August 2003 as vice president of asset management and origination and has held several positions of increasing leadership and responsibility with that organization. In addition, he served as vice president of corporate development for AGL Resources. Mr. Tumminello has served on the AGL Resources Policy Committee since April 2010. Prior to joining AGL Resources, Mr. Tumminello was vice president of energy supply for Green Mountain Energy Company, and he worked for TPC Corp and ARCO Oil and Gas Company in various capacities. Mr. Tumminello earned an MBA from the University of Southwestern Louisiana and a BS degree in petroleum engineering from Louisiana Tech University.

Aaron Bridges
VP of Sales and Marketing, Chart Energy & Chemicals

Aaron Bridges is the vice president of sales and marketing for Chart Energy & Chemicals, responsible for global sales of Chart’s brazed aluminum heat exchangers, air-cooled heat exchangers, and technology-driven LNG and cryogenic process facilities. During the past three years with the company’s Systems division, he has been at the forefront of Chart’s global sales efforts of LNG for fuel process plants using its own process designs and equipment. Prior to joining Chart, Mr. Bridges worked 14 years for an industry-leading EPC company where he served in several operational and sales roles that focused on oil refining, LNG regasification, and cryogenic gas processing and fractionation. Mr. Bridges holds a master’s degree in business from Northern Illinois University and a bachelor’s degree in mechanical engineering from the Auburn University.

Tana Utley
VP Large Power Systems Division, Caterpillar

Tana L. Utley is a Caterpillar Inc. vice president with responsibility for the Large Power Systems Division. Through this global organization, Caterpillar provides the most comprehensive lineup of diesel and gas large (greater than 18 liter) engines in the industry. Caterpillar large engines are used to power marine, electric power, oil and gas, and rail applications as well as Cat mining machines. For more than 25 years, Utley has led the advancement of Caterpillar’s world renowned engines with a key focus on reducing emissions in accordance with US EPA and equivalent global regulations. In her prior role as Caterpillar’s chief technology officer, she provided enterprise leadership to Tier 4 product development—the largest new product introduction effort in Caterpillar history—and to the introduction of the company’s first integrated product and technology strategy. Utley earned a bachelor’s degree in mechanical engineering from Bradley University and a Master of Science in management from the Massachusetts Institute of Technology where she was a Sloan Fellow.

Mark Schultze
VP, Operations Support, BNSF Railway

Mark Schultze is vice president, Operations Support, for BNSF Railway. In this role, he leads a team that supports key company initiatives, as well as passenger operations, joint facilities and contracts, operations analytics, network control, and technical research and development. Mr. Schultze was named to his current position on June 1, 2005. He had previously served as general manager of BNSF Railway’s Texas Division and was named to that position in May 2004 after serving as vice president and chief sourcing officer since November 2002. Prior to being named to the sourcing post, Mr. Schultze had been assistant vice president, Consumer Products Marketing, since early 2001. Mr. Schultze joined the railroad in October 1990 as a corporate management trainee. He progressed through the company, holding financial positions in Coal and the Treasury department, and became manager, Finance, in 1995. In 1997, he was promoted to director, Operating Budget and Measurement, in the Finance department. He joined the Marketing department in 1998 as general director, Business Unit Support. Mr. Schultze earned a Bachelor of Science in business administration from Nebraska Wesleyan University, and a Master of Business Administration in finance and accounting from the University of Texas at Austin.

George Piccioni
Director of Business Development, AEP River Operations

George Piccioni is director of Business Development for AEP River Operations, a wholly-owned subsidiary of American Electric Power. He is responsible for the initiation of new business ventures and value-added services. These opportunities include leveraging the current customer base as well as research and development efforts into new and emerging markets. In his role, Mr. Piccioni also works closely with various state and local economic development agencies to educate potential customers on the strategic advantages, both economic and operational, of utilizing the inland river system. He has full responsibility for developing AEP’s river properties and leads initiatives related to fleet and operating innovations. Mr. Piccioni came to AEP River Operations in 2008 from the AEP Corporate Utility division based in Columbus, Ohio, which he joined in 2004. He has held a number of positions at AEP and his most recent was manager of mineral development, strategic initiatives in the Fuel, Emissions & Logistics department. Prior to joining AEP, he worked as the corporate director of distribution and logistics for the Penn Traffic Company. During his tenure with Penn Traffic from 1995 to 2004, he held various positions related to operations, strategy, marketing, and finance. From 1986 to 1995, he was an industrial engineer/project engineer with Eljer Industries. Mr. Piccioni earned a Bachelor of Science degree in industrial engineering from Pennsylvania State University in 1986, and a Master of Science degree in industrial administration (MBA) from Carnegie Mellon University’s Tepper School of Business in 1995.

Read the biographies of all HHP speakers at www.hhpsummit.com/speakers.
Our solution is turn-key; we offer a complete Virtual Pipeline Solution

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- Our “virtual pipeline” is delivered via tractor trailer-100% mobility
- Our solutions are tailored to meet the needs of any size customer—from a small commercial customer; to a subdivision or city; up to a large industrial plant
- We safely flow volumes from 3 MCF Hour to over 1,650+ MCF Hour
- Thigpen Energy’s goal is to assist during any pipeline disruption to ensure customers are held up and supplied safe, reliable, natural gas

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— Sam Thigpen, CEO/President of Thigpen Energy Fueling

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ACTech is a prototype sand and investment foundry specializing in “rapid casting technology” for quick turn-around delivery. We are a full-service supplier from CAD to casting to heat treatment to inspection to machining. Our processes do not require hard mold tooling, wherefore reducing prototype-casting delivery. Depending on the complexity of the part, we utilize equipment that fuses the shell sand grains together or mill out a sand mold to create core and mold segments. The same technology is utilized to furnish high quality prototype metal investment castings. www.rapidcastings.com

Air Liquide Global E&C Solutions
Air Liquide Global E&C Solutions is a strategic partner and a leader in cryogenic and petrochemical technologies with more than 4,000 people located in 15 engineering and three manufacturing centers located around the world. Air Liquide Global E&C Solutions has been a leader in LNG technologies for 50 years; from the first baseload LNG facilities in Algeria in the 1960s, to the 15 peak-shaving facilities in North America in the 1990s and small- and mid-scale LNG facilities today. We have operating references from 50,000 gpd to several hundred thousand gpd, with nitrogen, mixed, or methane refrigerant cycles. Manufacturing our own proprietary equipment is an advantage thanks to our network of manufacturing facilities located in China and the Middle-East. www.airliquide.com

Algas-SDI International
Algas-SDI is the industry leader in supplying innovative solutions for compressed natural gas (CNG) decompression systems. We manufacture cost-effective CNG systems that are easy to install and simple to operate. Our CNG systems are designed to minimize onsite infrastructure so if you need to re-deploy the system, you minimize stranded assets. Our recently introduced G-series decompression systems provide an innovative solution for high horsepower and fixed location decompression applications. Before introducing the G-Series, Algas-SDI engaged many CNG distributors to find out what they valued. This research enabled us to a design system with your needs in mind. www.algas-sdi.com

Altronic, LLC
Bi-fuel systems to convert diesel engines to operate on up to 70% natural gas. Ignition systems for gas engines. Safety shutdown systems, instruments, and controls for gas and diesel engines, generators, and critical equipment. Engine speed governors, fuel control systems, and air-fuel ratio control systems. www.altronic-llc.com

American Power Group
American Power Group, Inc. is energizing the future of power with innovative dual-fuel systems that reduce costs, lower emissions, and incorporate the use of alternative energy sources. Our turbocharged natural gas® dual-fuel system helps realize the potential of more cost-efficient, greener, and cleaner fuels that align with the stimulus initiative for new energy solutions. Through the science of combustion, we create non-invasive, dual-fuel systems for commercial transportation and stationary power. These proprietary solutions supply a blend of economical natural gas and diesel specifically harmonized to the unique specifications of commercial diesel engines. www.americanpowergroupinc.com

America’s Natural Gas Alliance (ANGA)
Representing North America’s largest independent natural gas exploration and production companies, America’s Natural Gas Alliance will work with industry, government and customer stakeholders to ensure continued availability and to promote increased use of our natural gas resources for a cleaner and more secure energy future. www.anga.us

Applied LNG
Applied LNG is a leading marketer, producer, and distributor of LNG throughout the US. Applied LNG serves a valued customer base in various market sectors such as industrial/commercial, transit, refuse, regional trucking, asphalt, agriculture, mining, rail, marine, and oil & gas. The company operates two LNG production trains in Topock, Arizona, capable of producing 60 million gallons per year, and one liquefaction train in Midlothian, Texas, with a production capacity of 30 million gallons per year. Applied LNG provides full-service solutions to customers, including delivery from a fleet of 49 LNG trailers, temporary or permanent fueling stations, equipment leasing, technical services, and training. www.appliedlng.com
**Ariel Corporation**

Your compressor is the heart of your CNG station. Ask for Ariel compressors by name! Ariel has built a reputation for safe, rugged, and long-lasting equipment. Ariel compressors and genuine Ariel parts are made in the USA. Since 1966, Ariel has manufactured over 50,000 compressors shipped to 120 countries. Ariel compressors are the heart of CNG stations worldwide. Supporting this ever-growing fleet is the global Ariel-Distributor support network. In 2014, Ariel trained over 1,800 people at its world headquarters in Ohio and at client locations. The Ariel CNG Training Course is designed to educate employees and operators on the inner workings and proper maintenance of Ariel CNG compressors and is complimentary with your Ariel purchase.

[www.arielcorp.com](http://www.arielcorp.com)

**Black & Veatch**

Black & Veatch is a global leader in the planning, design, procurement, turnkey construction, and modification of liquefied natural gas (LNG) production (offshore/onshore), LNG import terminals, ammonia/fertilizer, sour/rich gas processing, sulfur recovery, and gasification facilities. Our global leadership stems from decades of proven performance on more than 3,000 assignments in 40+ countries. We maintain our industry leadership by pioneering technologies and providing innovative solutions. Large complex project execution capabilities enable us to be flexible in planning and delivering high-quality projects. Our in-house technical experts, proven safety performance record, reliability, and commitment to improving the environment all combine to create a high level of client satisfaction.

[www.bv.com](http://www.bv.com)

**Caterpillar, Inc.**

For more than 85 years, Caterpillar Inc. has been making sustainable progress possible and driving positive change on every continent. With 2012 sales and revenues of $65.875 billion, Caterpillar is the world’s leading manufacturer of construction and mining equipment, diesel and natural gas engines, industrial gas turbines, and diesel-electric locomotives. The company also is a leading services provider through Caterpillar Financial Services, Caterpillar Remanufacturing Services, and Progress Rail Services.

[www.caterpillar.com](http://www.caterpillar.com)

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ewolf@americanpowergroupinc.com

For new dual fuel gliders, contact:
Jordan Miller - Harrison Truck Centers
tf 1.800.397.2002
jordan.miller@htctrucks.com
Company Descriptions

Chart Inc.
Chart is the world’s leading single-source LNG equipment and solutions provider across the complete LNG value chain—liquefaction, distribution, storage, fueling, and end-use.
www.chartlng.com

Chester LNG, LLC
Chester LNG, LLC is an independent global provider of innovative, scalable, small-quantity LNG and LCNG production technology and delivery systems that strategically target the needs of customers worldwide. Designed with energy utilization and optimization in mind, Chester LNG is able to maintain low capital, operational, and maintenance costs for their customers, while still keeping with well-known and tested thermodynamic principles utilized for decades in the industry. Chester LNG's full range of targeted LNG applications includes MMSTM LNG plants (patented process), LNG storage tanks, LNG/LCNG dispensing stations, and LNG shipping and bunkering.
www.chesterlng.com

Clean Energy Cryogenics
Clean Energy Cryogenics, a division of Clean Energy Fuels Corp. (NASDAQ: CLNE) has developed over 70% of the LNG & LNG/CNG combination stations across North America. As LNG fueling pioneers, they support the growth of the industry as LNG use expands into new markets including railroads, marine, and energy E&P.
www.cleanenergyfuels.com

There’s A Reason Why It’s Called A Compressor Package

The compressor is the most essential component of any natural gas compression system. By choosing an Ariel compressor, the package will be designed around the most reliable and best-supported compressor available.
Visit www.arielcorp.com to find a distributor in your region.
CMR Group
CMR Group develops instrumentation, software, and controls for diesel/gas engines, offshore platforms and vessels, marine, and industrial applications around the world. We are an engineering partner to leading alternative fuel engine customers supplying OEM and custom wiring systems, sensors, pressure regulators, and supervision/monitoring equipment for rugged applications. Employing 780 people worldwide at nine different operating locations, CMR Group operates a global to local “glocal” business model with eight of our locations offering local manufacturing support. This is a total fit for our global customers with geographically diverse design, engineering, and manufacturing facilities. CMR Group is committed to providing customers with solutions that improve their total cost of ownership.
www.cmr-group.com

Corban Energy Group
Corban Energy Group establishes natural gas fueling stations throughout the US and has been sourcing quality CNG/LNG equipment for the US market with our worldwide network of sister companies in the industry. We are also working with domestic partners who design and manufacture innovative solutions for utilization of LNG. Coupled with international & US industry leaders, Corban is poised to provide superior equipment as well as trusted solutions for any natural gas-related issues its customers may encounter. Our line of products includes ISO LNG containers, LNG storage tanks, LNG/ CNG equipment including compressors, vaporizers, and expanders. We also provide natural gas power source conversion. Call us at 201-509-8555.
www.corbanenergygroup.com

Cosmodyne
Cosmodyne will feature the LINEX line of natural gas liquefiers for producing LNG at the High Horsepower Summit. The LINEX system features Cosmodyne’s safe, environmentally-friendly, and cost-effective nitrogen technology to produce high-quality LNG. LINEX delivers operating flexibility, allowing plant operators to easily increase and decrease production in response to fluctuating market demand while maintaining high efficiency. This unique load-following ability to turn down production without an efficiency penalty is ideal for LNG plants deployed in markets where demand volume is developing or variable. LINEX plants are ideal for rail, marine, mining, oilfield, trucking, virtual pipeline, and utility peak shaving.
www.cosmodyne.com

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Innovative technology. That’s what Kato is known for. Visit booth #303 to learn more about our two newest technologies – LCF (Laminar Cross Flow) ultra-high efficiency generators and our new cloud-based remote monitoring system with predictive diagnosis and analytics.
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Cryogenic Industries
Cryogenic Industries’ group of companies are leading suppliers of cryogenic equipment for the industrial gas and natural gas markets, serving applications in high horsepower, rail, mining, trucking, oil field, peak shaving, and virtual pipelines. ACD is a leader in cryogenic pumps and turboexpanders. Its product lines include cryogenic pumps, hi-pressure cylinder/storage filling, trailer off-loading, and LNG bunkering operations. With over 400 installations, COSMODYNE engineers and manufactures small- to mid-scale natural gas liquefaction systems. CRYOQUIP is a leader in the engineering and manufacture of a diversified line of cryogenic vaporizing systems utilizing any available heat source. They design LNG vaporizers to supply natural gas at a wide range of pressures, capacities, and flow profiles.

www.cryoind.com

Cryquip
Cryquip, a Cryogenic Industries company, is the world’s leading fabricator of cryogenic vaporizers and industrial gas equipment. Cryoquip’s capabilities span the entire spectrum of cryogenic equipment from the fabrication of cold boxes used to manufacture the liquefied gases themselves to equipment that stores and uses the gases in a multitude of applications.

www.cryoquip.com

Cryostar
Cryostar is a leading global supplier of cryogenic equipment for both industrial and natural gas applications. Our products include cryogenic pumps, pump systems, turbo-expanders, small-scale liquefaction plants, LNG boil-off gas compressors, LNG vaporizers, and LNG regasification units. With offices around the world and three locations in the United States, Cryostar supplies most of major gas companies, gas distributors, and service providers. Cryostar USA provides equipment and solutions for LNG and LCNG refueling stations, LNG bunkering stations and equipment, LNG trailer loading systems, and peak shaving systems which have been proven with a number of references and projects across the world.

www.cryostar.com

Dallas-Fort Worth Clean Cities
In 1995, the Dallas-Fort Worth Clean Cities (DFWCC) became one of the first Clean Cities under the Energy Policy Act’s provision for an organization that promotes the use of alternative fuels to lessen America’s dependence on foreign sources of petroleum. DFWCC is a locally based private and public partnership group that works to advance the economic, environmental, and energy security goals of the United States by supporting local decisions to adopt practices that contribute to the reduction of petroleum consumption in the transportation sector.

www.dfwcleancities.org

DCL America
DCL America is the US subsidiary for DCL International—a global leader in the engineering and manufacturing of advanced emissions control technology for industrial stationary engines. DCL America serves customers in the gas compression and power generation industry by offering a large network of sales staff and distributors across the United States. Products include catalytic converters, catalytic silencers, diesel particulate filters, SCR systems and replacement catalyst elements. DCL’s products are tailored for your unique needs and specifications. The DCL America sales team is dedicated to providing the highest level of customer service including fast deliveries, a wide range of in-stock products, custom fabrication, and expert after-sales support.

www.dcl-inc.com

Diesel and Gas Turbine Publications
Founded in 1935, the magazines, sourcing guides, web sites, and e-newsletters of Diesel & Gas Turbine Publications provide critical product, technology, and industry news for designers and users of engine-powered equipment.

www.dieselpub.com

Dixon Valve & Coupling Company
Dixon, founded in 1916, is a premier manufacturer and supplier of hose couplings, valves, dry-disconnects, swivels, and other fluid transfer and control products. The company’s global reach includes a wide range of products for numerous industries including petroleum exploration, refining, transportation, chemical processing, food & beverage, steel, fire protection, construction, mining, and manufacturing. Dixon’s strategic objective is to create solutions that make products safer, leak-free, longer lasting, and always available.

www.dixonvalve.com
Company Descriptions

**Dragon Products**
Dragon Products is a 50-year family-owned manufacturer of oil field equipment out of Beaumont, Texas. Dragon manufactures and distributes LNG, cryogenic, and NGL transportation, distribution, and on-site storage, vaporization, and pumping equipment. Products include transports, regasification, ambient and powered vaporization skids, pumping skids, manifold distributors, ISO containers, and mobile fuelers. Dragon offers turnkey gas and liquid solutions to HHP dual-fuel and dedicated LNG engines. Dragon specializes in gas fuel supply to drillers and pressure pumps. Dragon offers storage and transportation equipment for NGL gathering and distribution. Dragon is a master distributor for Applied Cryogenic Technologies (ACT) of Houston, Texas.  
www.dragonproductsllc.com/trailers/transport-trailers/

**Dresser-Rand**
Dresser-Rand’s LNGo™ modularized, portable natural gas liquefaction plant is capable of producing 6,000 gallons of LNG per day. This on-site production plant is a standardized system combining four packaged skids that includes a D-R Guascor® natural gas engine, D-R MOS compressor, and processing modules. Our engines can also be packaged as stand-alone, containerized, flare gas-powered generating plants up to 1.2MW. Dresser-Rand Guascor® engines use the latest technologies, which increase power, reduce fuel consumption, and optimize maintenance costs. They can be powered by natural gas, biogas, landfill gas, sewage gas, flare gas, and other gases.  
www.dresser-rand.com

**ELM Energy, LLC**
ELM Energy, LLC provides energy solutions that enable data centers, hospitals, industrial plants, oil and gas producers, and other critical facilities operators to achieve and maintain distributed energy goals, 100% backup power, and environmental compliance while indemnifying their environmental risk and supporting the achievement of their business, operational, and financial goals with state-of-the-art technology, expert engineering, and innovative financial options. With a primary focus on alternative energy solutions and optimization, ELM Energy’s MaxM product line will bring to market the largest CNG storage and distribution system available, enabling greater expansion of CNG as a fuel for HHP solutions in both domestic and foreign markets.  
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Company Descriptions

**Emerson Kato**
Kato Engineering, a world leader in alternators 200kW to 25MW, offers innovative solutions dedicated to all aspects of power generation. Our products are used in some of the harshest standby and continuous duty applications around the world. We stand ready to provide you with the special purpose and fully customized solutions needed to meet your demanding application requirements. As an integral part of Emerson (NYSE: EMR), we are uniquely positioned to deliver user focused power generation solutions to an ever-changing world.

[www.emerson.com](http://www.emerson.com)

**Federal-Mogul Corporation**
Federal-Mogul Powertrain is a leading global supplier of original equipment powertrain components and systems protection products to the world’s manufacturers of vehicles and equipment in the automotive, light/medium/heavy-duty commercial, marine, rail, aerospace, power generation and industrial markets. The company’s products enable improved fuel economy, reduced emissions and enhanced vehicle durability.

[www.federalmogul.com](http://www.federalmogul.com)

**Ferus Natural Gas Fuels**
Ferus Natural Gas Fuels (Ferus NGF) provides end-to-end LNG and CNG fueling services including production, transportation, storage, and dispensing to customers in high horsepower and clean power industries. Ferus NGF built the first merchant LNG plant in Canada and is jointly building a second LNG plant with ENN Canada in Alberta. In the US, Ferus NGF is partnered with GE Ventures in Eagle LNG Partners, a joint venture partnership developing regional LNG projects for domestic and international marine, remote power, rail, oil and gas, and transport trucking industries. Ferus NGF is also partnered with GE in The Last Mile Fueling Solution, a full service flare gas capture and fully-integrated CNG supply solution for transportation, oil and gas, and other high horsepower operations.

[www.ferus.com](http://www.ferus.com)

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Company Descriptions

FIBA Technologies\textregistered lexGen Power Systems
Since 1958, FIBA Technologies, Inc. (FIBA), with multiple plants across the US, has served companies manufacturing, storing, and transporting high-pressure hydrogen and compressed natural gas (CNG). FIBA is a leader and innovator involved with the manufacturing and installation of alternative fuel systems for more than 30 years. Our gas containment products are manufactured for both mobile and stationary applications. Operating a state-of-the-art facility to manufacture seamless, integrally forged pressure vessels (including DOT, ISO, UN, and ASME specification), FIBA’s most recent development is a steel-lined, carbon, hoop-wrapped vessel (Type 2).

www.fibatech.com

FNX LNG Solutions LLC
FNX LNG Solutions is a multi-national manufacturer of small-scale LNG plants. Our modular, scalable, skid-mounted LNG plants are based on closed-loop nitrogen cooling, and range from 17,000 to 84,000 LNG gallons. The plants can be installed and uninstalled in just a few weeks. We also offer the full scope of support for clients looking to outsource a larger percentage of plant construction and operation, or high horsepower end-users looking for full-solution support to displace diesel use. Our global headquarters is located in Florida. Our manufacturing facilities are located in the North of Spain, a region renowned for its technologically advanced industrial companies, where the FNX engineering team designs, builds, and tests our equipment.

www.fnxlngsolutions.com

Fuel Marketer News
Fuel Marketer News is the downstream petroleum industry’s established and growing information source for news as well as education. Encompassing a content-rich online web magazine, weekly e-newsletter, vendor marketplace, and event-focused print magazines, it reaches fuel-marketers, jobbers, distributors (wholesale and retail), retail dealers, terminals, truck fleets, transportation companies, fuel suppliers, service distributors, tank operators, and lubricant distributors.

www.fuelmarketernews.com

Greater Houston Natural Gas Vehicle Alliance
Our mission is to support the development of new and expanding natural gas transportation markets and refueling stations in the Greater Houston area, by bringing together industry initiatives, government programs, energy education and community relations.

Resources ◆ Networking ◆ Conferences ◆ Workshops ◆ Funding/Grants Information

WHERE THE INDUSTRY MEETS

www.HoustonNGValliance.org
Galileo Technologies
Since 1983, Galileo has been a global reference in modular technologies for both CNG and LNG production and transportation. Its portfolio includes the widest range of compressors and pumps for vehicles and vessels—pipeline boosters and wellhead compressors—and the Virtual Pipeline® system for gas distribution by road, which can reach remote communities and industries without pipeline network connections. Based in Buenos Aires, Argentina, with a service and training hub in Los Angeles, USA, Galileo exports and provides ongoing assistance to customers in 65 countries in Latin America, North America, Europe, Africa, and Asia.
www.galileoar.com

GE
GE Power & Water’s Distributed Power business is a leading provider of power equipment, engines, and services focused on power generation at or near the point of use. Distributed Power’s product portfolio includes highly efficient industrial reciprocating engines and aeroderivative gas turbines that generate 100 kW to 100 MW of power for numerous industries globally. Headquartered in Cincinnati, Ohio, Distributed Power employs about 5,000 people around the world.
www.ge-distributedpower.com

Gladstein, Neandross & Associates
Gladstein, Neandross & Associates (GNA) is a leading North American consulting firm specializing in market development for low-emission and alternative fuel vehicle technologies, infrastructure, and fuels for both on- and off-road applications. GNA provides strategic market analysis and planning, technical assistance, and public affairs and policy support to clients in the private, public, and non-profit sectors. For 20 years, GNA has pioneered the nation’s largest and most innovative alternative fuel vehicle projects, including the development of several successful clean fuel corridor projects across the US. In addition to its technical consulting practice, GNA hosts two of North America’s leading alternative fuel and advanced vehicle technology conferences—the Alternative Clean Transportation (ACT) Expo and the High Horsepower (HHP) Summit. GNA is headquartered in Santa Monica, California.
www.gladstein.org

GP Strategies
GP Strategies’ Alternative Fuels Division is a recognized leader in the design, fabrication, construction, and maintenance of LNG, liquefied-to-compressed natural gas (LCNG), and hydrogen (H2) fueling facilities. We also provide customized LNG infrastructure solutions for heavy-duty applications. Our comprehensive services reflect the best practices, proven processes, and lessons learned of a seasoned provider with years of experience in the industry.
www.altfuels.gpstrategies.com

Great Lakes Maritime Research Institute
The Great Lakes Maritime Research Institute (GLMRI) was established in 2004 to pursue research in marine transportation, logistics, economics, engineering, environmental planning, and port management. GLMRI is co-hosted by the University of Wisconsin-Superior and the University of Minnesota Duluth, with 18 affiliated universities in the Great Lakes Region, and is a designated National Maritime Enhancement Institute (NMEI) by the US Department of Transportation’s Maritime Administration (MARAD). Over the past two years, GLMRI has been working with MARAD, the Great Lakes maritime industry, and the natural gas industry, along with other governmental agencies, to research the feasibility of converting the Great Lakes steamships to natural gas. A report was recently released detailing the findings along with a list of recommendations to MARAD on further topics to pursue in order to move the US fleet to natural gas. GLMRI is dedicated to developing and improving economically and environmentally sustainable maritime commerce on the Great Lakes through applied research.
www.glmri.org

Greater Houston Natural Gas Vehicle Alliance
The Greater Houston Natural Gas Vehicle Alliance is envisioned to be a broad-based collaboration of private and public interests dedicated to: raising awareness of natural gas vehicles to both policy makers and the general public; providing leadership on the evolving natural gas vehicles marketplace, such as future infrastructure needs as well as environmental, economic, and job creation benefits; and promoting the use and benefits of natural gas vehicles to public and private fleets in the Greater Houston area.
www.houstonngvalliance.org
Green Marine
Green Marine is the largest voluntary environmental program for the maritime industry in North America. Founded in 2007, Green Marine is a transparent and inclusive program that addresses nine key environmental issues including air emissions, cargo residues, community impacts, and environmental leadership. The program encourages its participants to reduce their environmental footprint by taking concrete actions. Although Green Marine is a voluntary program, the results reported by participating companies are subject to rigorous external verification. The results are also published. Green Marine relevance and credibility is proven through its growing number of supporters: more than 40 environmental groups and government departments/agencies have endorsed and helped shape the environmental program, along with representatives from the academic sector and the marine industry. There are currently over 70 ship owners, port authorities, terminals, and shipyards from coast to coast—across Canada and the United States—participating in the program.

www.green-marine.org

Guild Associates
Guild Associates provides gas purification equipment for LNG pretreatment, genset feed conditioning, and the production of pipeline quality gas. Feed sources treated include wellhead and pipeline gases, flare gas, biogas, and coal mine gas. The technology offered includes the Guild’s exclusive Molecular Gate® technology that operates using pressure swing adsorption and thermal regenerated units with both standard efficiency and maximum efficiency depending on the application. Designs are selected to match project requirements. Impurities removed include CO2 and water, heavy hydrocarbons, VOCs, mercury, siloxanes and, if needed, N2. To date, Guild has provided over 60 gas purification systems and also supplies compression and other associated gas purification equipment.

www.moleculargate.com

G.W. Lisk Company, Inc.
G.W. Lisk Company, Inc. prides itself on customer service, vertical integration, and its ability to provide custom solutions. At G.W. Lisk, our engineers design custom solenoids, solenoid valves, LVDTs, and flame arrestors that are applied in the military, aerospace, hydraulic, oil & gas, heavy-duty engine, and automotive markets around the world. Our products are designed in the United States and made conveniently available to you through our manufacturing facilities located in the US, Ireland, and China. We look forward to your call or visit!

www.gwlisk.com

IMI Precision Engineering
IMI Precision Engineering knows tough applications, with proven performance in commercial vehicles, rail, NG dispense, off-shore drilling and chemical processing. We’re your one source for integrating everything you need to control pressure, flow and temperature of natural gas between tank and engine. IMI Norgren, an IMI Precision Engineering brand, has been innovating fluid control solutions since 1927.

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Hexagon Composites
We operate one of the world’s most advanced facilities for designing, testing, and manufacturing composite Type 4 pressure vessels. After 50 years of fabricating advanced filament-wound composites and 20 years building Type 4 compressed natural gas tanks, we are the global leader in the industry. Our tanks set the standard for excellence in efficiency, safety, and durability. We produce TUFFSHELL® cylinders for use in commercial and passenger vehicles that run on natural gas or hydrogen, and TITAN™ and SMARTSTORE™ products used for distribution of natural gas.
www.hexagonlincoln.com

Hitachi High-Tech AW Cryo, Inc.
Hitachi High-Tech AW Cryo, Inc. (HTAW) specializes in manufacturing cryogenic tanks and equipment for the North American LNG industry. With over 30 years of experience in transporting LNG by truck, rail, and ship in Japan, HTAW is pleased to offer its LNG handling expertise and unparalleled safety record to the North American market. With manufacturing facilities in North America and sales support in Vancouver, British Columbia (Canada), HTAW offers quality LNG ISO containers, storage tanks, and cryogenic pumps.
www.hightech-lng.com

IMI Precision Engineering
IMI Precision Engineering is a world leader in motion and fluid control technologies. Wherever precision, speed, and engineering reliability are essential, we deliver exceptional solutions which improve the productivity of our customers’ equipment.
www.imi-precision.com

INOXCVA
INOXCVA is the world’s largest manufacturer of cryogenic transportation equipment and a global leader in LNG and oil field equipment. INOXCVA’s in-house LNG Engineered Solutions Division creates state-of-the-art designs for mobile and permanent LNG fueling equipment, LNG bulk storage, LNG gasification equipment, and LNG transport trailers for use in industries around the world. INOXCVA strives to deliver the best in quality, performance, timely delivery, and outstanding customer service.
www.cvatanks.com

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InsulTech is a manufacturer of thermal and acoustical insulation blankets and hard shields. Since 1994, we have been providing engineered solutions of our products for the power generation and energy industries. Our rapid response team, whose purpose is to provide excellent customer focus, is well versed in all our applications. We have mastered the art of designed solutions combined with rapid response delivery. To meet our vision of growth and innovation, we have a team driven to achieve quality of life for our customers and our company.

www.insultech.com

JC Carter

JC Carter, the world’s leading LNG nozzle technology provider, can best be described in three words: experience, engineering, and excellence. The company has been a pioneer and leader in cryogenic technology for more than 65 years. JC Carter LNG nozzles are safely fueling thousands of LNG vehicles daily throughout the world under all climatic operating conditions. In addition to its industry standard LNG nozzles, JC Carter is featuring two ranges of high-flow nozzles rated at 200 gpm and 400 gpm.

www.jccarternozzles.com

Karl Dungs

Karl Dungs Inc., a subsidiary of Karl Dungs GmbH, is a manufacturer of gas safety controls and gas trains for spark-ignited or dual-fuel engines. Our products include dual safety shutoff valves, regulators, gas filters, pressure switches, pressure reducing and zero pressure regulators, and various other gas controls products. Dungs is the supplier of gas trains to many of the engine OEMs, dealers, and packagers. We engineer complete gas trains for all gaseous fuel applications including landfill and biogas with complete testing of the gas trains at our facility in Blaine, Minnesota.

www.dungs.com/usa

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Patent Pending No. 61/968,027
Kinetrex Energy
Kinetrex Energy, a subsidiary of Citizens Energy Group, was created to be the most flexible and accessible LNG supplier. They are committed to investing to produce a sufficient supply of LNG to meet the market demands for a cost-effective, abundant, domestic, and clean transportation fuel. Kinetrex Energy is a company that desires a true partnership with their customers to pioneer a new transportation fuel for the 21st century. www.kinetrexenergy.com

Matrix Service
From world-class engineering provided by Matrix PDM Engineering to large-scale construction by Matrix Service, we provide EPC services, repairs, modifications, and upgrades for LNG, cryogenic, and low-temperature tanks and terminals across the gas value chain. www.matrixservice.com

Monico Inc.
At Monico, we integrate critical assets into control and monitoring systems and specialize in data acquisition, protocol conversion, and remote monitoring communications. We are recognized worldwide for our expertise integrating high horsepower industrial engines and connected equipment into overall monitoring systems while providing superior communications products and technical assistance across the industrial marketplace. Regardless of your industry, our application specialists have the right product and configuration for your specific needs. Our products are easy to install, as they come fully pre-configured, and offer capabilities such as real-time data logging, email alerts, virtual HMs viewable from anywhere on a network, and multiple input/output protocols. www.monicoinc.com

MSA Safety
Over the last 100 years, MSA has built a legacy by protecting lives in dangerous workplaces. We are the world’s leading manufacturer of high-quality safety products, providing sophisticated devices and protective gear—the result of countless R&D hours, relentless testing, and an unwavering commitment to quality that protects thousands of men and women each day. Our core product focus emphasizes portable gas detection; respiratory protective equipment; head, eye, face and hearing protection; fall protection; and fixed gas and flame detection. Our full line of monitors and controllers continually evolve, bringing you the latest, most advanced technology available to detect potential dangers and hazardous situations. www.msagasdetection.com

North Central Texas Council of Governments
The North Central Texas Council of Governments (NCTCOG) is a voluntary association of, by, and for local governments, and was established to assist local governments in planning for common needs, cooperating for mutual benefit, and coordinating for sound regional development. NCTCOG’s purpose is to strengthen both the individual and collective power of local governments, and to help them recognize regional opportunities, eliminate unnecessary duplication, and make joint decisions. NCTCOG serves a 16-county region of North Central Texas, which is centered around the two urban centers of Dallas and Fort Worth. NCTCOG has over 230 member governments including 16 counties, numerous cities, school districts, and special districts. www.nctcog.org

OnQuest
OnQuest specializes in turnkey engineering, procurement, and construction (EPC) for small- and mid-sized liquefied natural gas (LNG) plants; hydrocarbon reforming, including hydrogen, ammonia, and methanol; and renewable energy production facilities such as biofuel and waste-to-energy plants. OnQuest also designs and delivers a full range of direct-fired furnaces and related combustion technologies, including burner management systems, waste heat recovery systems, NOx reduction technologies, and thermal oxidizers. We are experts in furnace revamps and retrofits, and we support process facilities with a range of custom spare parts. OnQuest has delivered solutions for most of the major energy producing companies, and has a growing presence in the market for renewable, environmentally sustainable energy. We are distinguished by our ability to manage projects on a fixed-price basis—from concept to commissioning. Established in 2002, OnQuest is a subsidiary of Primoris Services Corporation (NASDAQ: PRIM), one of the nation’s largest specialty construction companies. www.onquest.com

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Parker Hannifin is a world leader in the design and manufacture of compressed and liquid natural gas systems. Offering tank-to-engine greener solutions that filter, regulate, control, and convey CNG and LNG, Parker is your “one-stop” source for clean transport technologies (including hybrid drive technologies, bio-fuels, and natural gas). Parker’s wide range of products offered are unparalleled in the industry. Parker has the ability to integrate many technologies into unique, precise, customer-focused solutions in the areas of distribution/retail fueling and on-board vehicles. Solutions from Parker offer faster development, improved service life, reduced risk, and greater value. www.parker.com
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Perma-Pipe is the largest manufacturer of pre-insulated and containment piping systems in North America. These systems are offered with many options of service pipe materials, insulation types, outer pipes, and waterproof jackets. We also offer state-of-the-art electronic leak detection and location systems when critical services must be monitored for environmental safety. For the LNG industry, we offer highly efficient pre-insulated cryogenic piping for onshore LNG plants, and pipe-in-pipe containment systems for LNG and fuel gas piping systems onboard ships. Ship piping systems are designed and manufactured to comply with ABS specifications. For natural gas, we offer pre-fabricated pipe-in-pipe solutions where containment is required for safety or environmental reasons.
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www.pivotallng.com

Pride of the Hills MFG
Pride of the Hills MFG, Inc. is a family-owned and operated company with over 40 years of operation in the O&G sector. Pride of the Hills is headquartered in Big Prairie, Ohio, with manufacturing facilities in Killbuck, Wooster, and Orrville, Ohio. We are a leading supplier of production and gas conditioning equipment in the Appalachian Basin and excel at providing custom solutions to fit our customers’ needs in a variety of areas, including drilling and fracturing applications, well pad production equipment, and even mid-stream filtering and regulation solutions. We are your one-stop manufacturing supplier for any need you may have. Contact us now to get your next quote started. Call 1-800-345-1744.
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Professional Mariner was founded in 1993 to serve owners and operators of commercial maritime vessels of all types in the US and Canada. The magazine includes maritime casualties, industry news, and features about vessels and their operators. Professional Mariner emphasizes safety and maritime efficiency issues as well as technical, economic, and regulatory development.

www.professionalmariner.com

Prometheus Energy

Prometheus Energy is one of the largest and fastest growing suppliers of LNG to the industrial sector in North America. Prometheus provides turnkey fuel solutions to convert remote industrial users of diesel, propane, and other crude-derived fuels to clean, domestic, secure LNG, resulting in reduced fuel cost and environmental footprint. The company is vertically integrated from LNG production through logistics, distribution, onsite equipment, and technical field support.

www.prometheusenergy.com

PSB Industries

PSB Industries, Inc. (PSB) specializes in air and gas dehydration and purification technologies. PSB packaged systems remove moisture and contaminants from natural gas, hydrogen, CO₂, etc. PSB “NG” series dryers are specifically designed for natural gas fueling stations and are available in a wide range of single vessel or dual vessel sizes and configurations to suit each application. As gas supply pressure varies, PSB’s typical dryer pressure options range from 200 to 1250 psig maximum working pressures. The dryers are designed and manufactured in Erie, Pennsylvania, with certified quality system meeting ISO 9001:2008.

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[www.qtww.com](http://www.qtww.com)

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Society of Naval Architects and Marine Engineers – Great Lakes Great Rivers Section
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www.sname.org/GreatLakesGreatRiversSection

Southwest Research Institute
Southwest Research Institute® (SwRI®) is an independent, nonprofit, applied research and development organization with more than 2,800 employees in San Antonio, Texas, contracting with government and industrial clients worldwide. For 48 years, SwRI has worked on design and development with manufacturers of high- and medium-speed diesel and natural gas engines to improve fuel economy, performance, and emissions. Many of our 208 engine dynamometer test cells accommodate high-horsepower engines up to 7,000 horsepower for research, mechanical development, new technology integration programs, and evaluations of fuel and lubricants. A locomotive emissions test center near downtown facilitates working with engines installed in locomotives with large portable and stationary generator sets.
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