ACT EXPO 2014 PRESENTING SPONSORS

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CONFERENCE PROGRAM

All Alternative Fuels • All Weight Classes
North America’s Largest Clean Fleet Expo
Gladstein, Neandross & Associates, organizers of ACT Expo and NGV Global 2014, would like to thank the following organizations for their support.

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### Platinum Sponsors

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- Roush CleanTech
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- Waste Management
- Whitecap Technologies
to Southern California for the largest clean transportation conference in North America’s history!

Attendees have gathered from all corners of the world to examine the alternative fuels and clean vehicle technologies that are driving the future of global transportation.

We invite you to make the most of your conference experience by exploring the sprawling Expo Hall floor, test driving advanced technology vehicles in the Ride & Drive, seeing real-world infrastructure and AFV projects at off-site technical tours, attending fleet-focused educational sessions, and participating in hosted networking events throughout the week.
Providing a full suite of services to manage your alternative fuel project from start to ROI.

- FLEET & EQUIPMENT PLANNING
- GRANTS & FUNDING
- FUELING & INFRASTRUCTURE
- GOVERNMENT & PUBLIC AFFAIRS
- EVENTS & MARKETING
- MARKET ANALYSIS & DEVELOPMENT

www.gladstein.org

Organizers of
As CEO of Gladstein, Neandross & Associates, producers of the ACT Expo, it is my sincere pleasure and a true honor to welcome you to this year’s event. After many months of planning, we are thrilled to see the curtain roll up and the show begin. Over the past year we’ve worked diligently to ensure that this ACT Expo surpasses the highest of expectations and continues to earn its reputation as “the” annual meeting place for clean transportation, alternative fuel, and technology professionals. We hope you’ll walk away with the information, industry contacts, and all of the support and direction needed to take your clean transportation initiatives to the next level. If the ACT Expo can play even a small role in these endeavors, our work will be well worth it.

This year’s show is raising the bar to new heights with more vehicles, more exhibitors, more sessions, and more speakers than ever before. We are proud to have the support of more than 30 industry associations from across the alternative fuel and transportation industries, as well as an impressive roster of co-located events—most notably NGV Global 2014. We warmly welcome this delegation for their bi-annual conference and thank them for the opportunity to share in the conversation about the worldwide prevalence and implementation of clean transportation projects. It is exciting to have assembled a truly global audience for what we know will be an active and engaging week of networking, educational sessions, tours, hands-on learning, and exhibits.

A heartfelt and enormous thank you goes to our extensive and impressive list of sponsors and exhibitors, planning committees, event partners, speakers, endorsing organizations, and media partners for their participation and support of this year’s conference. On behalf of everyone at Gladstein, Neandross & Associates, welcome to Long Beach, to Southern California, and to what promises to be an event like no other in North America’s history—ACT Expo 2014.

Erik Neandross
Chief Executive Officer
Gladstein, Neandross & Associates
NGV Global

works to advance the interests of the worldwide natural gas vehicle industry

iangv.org (Industry)
ngvglobal.com (News)
ngvglobal.org (Association)
NGV Global welcomes you to our 14th biennial International Conference and Exhibition. Since 1988, our events have allowed the NGV industry to present the most recent developments, showcase innovative technologies, and celebrate the advancement of natural gas as an affordable, lower emission alternative fuel.

Looking to the future, the international drive to harness methane generated from landfills, digesters, wastewater treatment and from agricultural waste offers a bridge from hydrocarbon fuel to sustainable fuel, guaranteeing relevance for NGV technology far into the future.

This year, NGV Global returns to the USA with an event that is co-located with ACT Expo 2014 in order to join other clean transportation stakeholders in a unique occasion that will allow visitors and delegates to look at the array of alternatives to conventional fuels.

NGV Global 2014, through a diverse and targeted conference program and a full capacity exhibition hall, will portray the continued growth and momentum for natural gas as an affordable, lower emission transportation fuel around the world. Market growth for natural gas is also expanding to new areas of opportunity encompassing not only on-road vehicles, but also off-road applications such as marine vessels and railway locomotives.

Stakeholders from North America, currently one of the fastest growing NGV markets, will be able to meet colleagues from around the globe to share experiences, lessons and solutions, and also hear about the successes of countries with more established NGV programs.

NGV Global works to advance the interests of the worldwide natural gas vehicle industry. Our primary activities focus on information sharing through our industry-leading online weekly newsletter, NGV Global News, which can be found at www.ngvglobal.com. If you are not already a subscriber, we would encourage you to sign up for this no-cost weekly information service.

NGV Global also maintains two websites that provide a broad range of information and related resources. These websites are: www.ngvglobal.org (some resources restricted to members only) and www.iangv.org.

Finally, NGV Global also places significant focus on safety and addressing technical issues of interest to our members. We maintain a very active presence on codes and standards committees of importance to the industry. Most recently, NGV Global has added LNG bunkering for marine vessels to its list of priority technical areas.

I hope you enjoy your time at NGV Global 2014 and ACT Expo 2014, and I look forward to hearing more about your efforts in transforming the transportation industry.

Diego Goldin
Executive Director
NGV Global
FUELING A COMPETITIVE EDGE

WITH CLEAN, AMERICAN PROPANE AUTOGAS.

This fuel delivers superior performance for each dollar invested, providing a stronger return on investment in addition to affordable refueling options. Learn more about propane autogas at the Propane Education & Research Council Booth #911.
Welcome to the Alternative Clean Transportation (ACT) Expo, the largest alternative fuel conference in North America. By joining the alternative fuel movement, you’ve taken an important step toward protecting our country and our planet.

While you’re here, you’re going to hear a lot about the role propane autogas plays in the fleet industry. That’s where we come in. At the Propane Education & Research Council (PERC), we are pleased to be a presenting sponsor of the ACT Expo for the second year in a row. The only energy council of its kind, PERC leads safety and training efforts and drives technology development to expand the adoption of propane autogas, a clean, affordable, American fuel for on-road transportation.

Propane is the most widely used alternative fuel in the country. Here’s what it offers:

- Fewer emissions.
- Lower operating costs.
- More affordable infrastructure options.
- Proven technology.
- A vehicle for more light-duty and medium-duty applications.

It has been a big year for propane autogas. More and more nationally recognized fleets are adding propane autogas to their operations. In March, we added another name to that list: UPS. And we’re just getting started. This year, we expect to see exciting new additions to the lineup of vehicles available on propane autogas. We’re also excited about research that shows how well propane works in a direct injection engine, just as the leading OEMs move to embrace direct injection technology.

With all of the new developments in propane autogas, we look forward to expanding the appeal of propane autogas as the alternative fuel of choice for fleets around the country.

I hope you enjoy your time at ACT Expo, and I look forward to hearing more about your sustainability goals. Together, we’ll move the transportation industry forward.

Roy Willis
President and CEO
Propane Education & Research Council
An open secret about ACT Expo 2014:

It’s about your fleet.

For fleet professionals, this year’s ACT Expo is about a lot more than the latest clean technologies - it’s about scores of opportunities to acquire the best contacts, information, and assistance so that your fleet can reap the benefits of a customized clean fleet strategy: improved fuel economy, greater security in energy costs, reduced unhealthful emissions, and enhanced community image.

When it comes to clean fleets, one size rarely fits all. If you’re considering advanced alternative fuels for your fleet operations, you deserve procurement solutions that work for your fleet circumstances - and that fit your particular vehicle purposes, duty cycles, capital & operating budgets, and durability requirements.

South Coast AQMD has co-sponsored ACT Expo since its inception because attendees tell us it’s a unique chance to find out how alt fuels and technologies can work for them, with hands-on product demonstrations, networking opportunities, informational sessions, off-site tours, best-practice success stories, and alt-fuel toolkit workshops. Plus you can get first-hand guidance on which incentive programs you qualify for and what policymaking efforts you can participate in.

So welcome to ACT Expo’s ‘one-stop shop’ for a clean-transportation future where we can breathe cleaner air, live healthier lives, and benefit from a more sustainable economic future.

South Coast
Air Quality Management District
www.aqmd.gov

Cleaning the air that we breathe…
May 5, 2014

Alternative Clean Transportation Expo
2525 Ocean Park Blvd., Suite 200
Santa Monica, California 90405

Dear Friends:

I send my warmest greetings as you gather for the 2014 Alternative Clean Transportation (ACT) Expo.

Now in its fourth year, the ACT Expo Conference brings together more than 3,000 transportation stakeholders from the public and private sector to highlight the importance of clean transportation. The ACT Expo focuses on ways to reduce costs and emissions while also offering educational sessions and demonstrations.

As Chairman of the Senate Environment and Public Works Committee, I believe that our nation's energy policy must focus on the development of clean, renewable energy, which helps reduce our dependence on fossil fuels. I applaud the continued efforts of the ACT Expo to achieve this goal.

Once again, my very best wishes as you gather for the ACT Expo. I hope you leave this gathering with a renewed commitment toward clean transportation.

Sincerely,

Barbara Boxer
United States Senator
A cleaner horizon is on the horizon.

Lowering emissions. Conserving resources. Daimler Trucks North America is shaping the future of mobility with clean, efficient drive systems and alternative fuel vehicles. **Clean diesel. Hybrid. All electric.**

**Natural gas.** These groundbreaking technologies prove that business interests and social responsibility can coexist. At Daimler, we’re well on our way to an emission-free vehicle. We invite you to come with us.

Freightliner Cascadia® 113 day cab compressed natural gas truck

Thomas Built Saf-T-Liner® C2 Propane Bus

FCCC S2G Propane Chassis

daimler-trucksnorthamerica.com

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May 5, 2014

Alternative Clean Transportation Expo
2525 Ocean Park Boulevard
Santa Monica, California 90405

Dear Friends:

It gives me great pleasure to extend my warmest greetings to all who have gathered for the 2014 Alternative Clean Transportation (ACT) Expo.

Since its inception, ACT Expo has worked to produce a forum that fosters interest in and discussion about clean transportation technology. Through its educational sessions and a showcase of alternative fuel projects, ACT Expo provides an invaluable resource for industry advancement. There is no doubt that its dedication to promoting environmentally sustainable technologies will continue to benefit the region for years to come.

As your United States Senator representing the State of California, I applaud the Alternative Clean Transportation Expo for its tremendous achievements and contributions. Please accept my best wishes for a most memorable event.

With warmest personal regards,

Sincerely yours,

Dianne Feinstein
United States Senator
Kenworth. The Right Choice for Alternative Fuel Trucks.

See Booth #1157 at the ACT Expo or contact Andy Douglas, Kenworth Alternative Fuels Expert, at (425) 828-5250.
May 5, 2014

Dear Friends,

Welcome to the 2014 ACT Expo hosted in conjunction with NGV Global 2014!

It is an honor to welcome you to the 33rd Senate District, which is no stranger to the world of transportation and goods movement. It’s also fitting that this conference is held in Long Beach, home to the second busiest container port in the USA.

Here in Long Beach, nearly one in eight jobs are related to the goods movement industry including rail, ports and trucking. As the 8th largest economy in the world it is critical that California continues to lead when it comes to alternative fuels and protecting our environment in a responsible way. I am proud to lead the charge when it comes to creating a more sustainable and healthier community for all who live and work in my district and throughout this great State.

I am proud to serve as the Chairman of the Senate Select Committee on Ports and Goods Movement where I work to ensure that seaports across this state continue to move in the right direction to protect jobs and our environment, while also strengthening our economy. This year, I am proud to be the author of SB 1204 which seeks to create the California Clean Truck and Bus Program. This bill will incentivize the deployment of zero and near-zero emission heavy-duty trucks, public transit buses, and off-road equipment specifically in highly-polluted transportation corridors. Please join me in ensuring this important bill becomes law.

I hope you enjoy your time in Long Beach!

Ricardo Lara
Senator, 33rd District
Chair, Senate Select Committee on California Ports and Goods Movement
Fleet choices today are complex. You need an expert partner like Penske to help you evaluate transportation options that really help your business and the environment.

888-234-4201

Proud Supporter of SmartWay™
Greetings Attendees of the ACT Expo:

As Mayor of Long Beach, it is my pleasure to welcome each of you to our great City for your Alternative Clean Transportation (ACT) Expo. As the largest alternative fuels and advanced clean vehicle conference held in North America – representing electric, hybrid, hydrogen, natural gas, propane autogas, and renewable fuels – Long Beach is excited about hosting this year’s events, and welcomes the more than 3,500 participants to the 2014 conference.

Unrivaled in its ability to provide a one-stop shop event with fleet-focused educational sessions and technical tours, the ACT Expo will also feature ride-and-drive event, ample networking opportunities all in a sold-out Expo Hall. Long Beach is proud to be the host city for such innovative resources. This conference and expo promises the exploration of new technologies, while comparing fuel energy supply and alternative energy options – both of which Long Beach takes great pride in the advancements our City has made.

The Alternative Clean Transportation (ACT) Conference and Expo will allow visitors to enjoy our excellent weather while taking in our breathtaking ocean scenery, superb restaurants and diverse attractions, and Long Beach looks forward to offering all participants the warm hospitality and personal attention for which our city is known. My best wishes for an exciting and enjoyable 2014 Conference and Expo and please enjoy your stay here in Long Beach.

Warmest Regards,

Mayor Bob Foster
City of Long Beach
Peterbilt's new Models 579 and 567 are now available in a CNG (Compressed Natural Gas) configuration, joining the industry's most comprehensive lineup of vehicles available in clean, fuel-efficient alternative fuel platforms. All deliver maximum performance, exceptional reliability and outstanding quality. Peterbilt. Class Pays.
Welcome to the Long Beach Convention Center. The Center is located in the heart of Long Beach, California, conveniently located near a large variety of dining and entertainment venues, world-class tourist destinations, and 5 ½ miles of sandy beach!

This handy map will help provide an orientation to the Center for all of the exciting programming taking place this week—including educational sessions, the expo hall, the Ride & Drive, co-located events, and more.
**EXPO HALL SCHEDULE**

**Tuesday**
May 6, 2014
- 5:30 p.m. - 8:00 p.m. | Expo Hall Grand Opening and Welcome Reception

**Wednesday**
May 7, 2014
- 7:00 a.m. - 8:00 a.m. | Breakfast in Expo Hall
- 8:00 a.m. - 7:00 p.m. | Expo Hall Open
- 12:30 p.m. - 3:30 p.m. | Lunch / Ride & Drive
- 5:00 p.m. - 7:00 p.m. | Expo Hall Networking Reception

**Thursday**
May 8, 2014
- 7:00 a.m. - 8:00 a.m. | Breakfast in Expo Hall
- 8:00 a.m. - 3:00 p.m. | Expo Hall Open
More than 200 of the industry’s leading fueling, equipment, and technology providers have taken over the Long Beach Convention Center for the ACT Expo and NGV Global 2014. Explore the wide range of clean transportation solutions for all vehicle applications, weight classes and alternative fuel types—including natural gas, propane autogas, electric, hybrid, hydrogen, DME, clean diesel, and renewable fuels.
# 1728 - 3B-the fibreglass company
1429 - 3M

A
346 - A-1 Alternative Fuel Systems
1425 - ACD Cryogenics
1519 - AC SA
633 - Advanced Charging Technologies
1501 - Adventure
1627 - AEB SpA
569 - AFV Natural Gas Fuel Systems
1145 - Agility Fuel Systems
1225 - Agira
1430 - Alex Sp. z o.o.
923 - Alliance Autogas
552 - Allied Equipment
1705 - Allied Group
649 - American CNG
815 - American Honda
367 - American Power Group
657 - ANGI Energy Systems
1145 - Agility Fuel Systems
1423 - Cavagna Group
1522 - CCI Thermal Technologies
629 - Cenntro Motors
1529 - Certools
1451 - Chart Industries
1419 - Chengdu Oulang Autogas Equipment
1301 - China National Aero-Technology
1826 - CIRCOR
1235 - Clean Air Power
1537 - Clean Energy
932 - CleanFUEL USA
1724 - CleanNG LLC
1619 - CNG Cylinders International
1825 - Comdata
1700 - Commercial Carrier Journal (CCJ)
1325 - Compac Industries
1531 - Covess
1061 - CP Industries
1818 - Cryofab, Inc.
1329 - Cryostar
951 - Cubogas
1150 - Cummins Westport

D
1824 - DH Industries
1557 - dHybrid Systems
1727 - Dunmore Corporation
E
762 - EControls
1823 - EkoGas
529 - Elio Motors
1503 - Emerson Process Management / Micro Motion
1435 - Endress+Hauser
1812 - ENK
668 - Esper
1062 - Evergreen CNG Systems
F
745 - Federal Mogul
860 - FIBA Technologies, Inc.
731 - Ford Motor Company
1405 - Freightliner Custom Chassis
1405 - Freightliner Trucks
G
857 - GAIN
1337 - Galileo
1524 - Gasitaly S.r.l.
1209 - GE
1128 - General Motors Fleet
670 - Gladstein, Neandross & Associates
661 - Global Fabrication
1801 - GNV Magazine
1057 - Go Natural CNG
651 - GP Strategies
H
1426 - Hangzhou Newpioneer Technology
767 - Hexagon Lincoln
751 - Hino Trucks
1821 - HosePower USA
1051 - Hy-Lok USA
I
823 - Icon
1820 - Idro Meccanica
1715 - ILJIN Composites
945 - IMPCO Automotive
865 - IMW
1225 - INFLEX
1713 - NOCOM
1160 - NOXCV
845 - Isuzu Commercial Trucks of America, Inc.
J
348 - JC Carter
1726 - Jefferson Solenoid Valves
862 - J-W Power Company
K
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1309 - KwangShin Compressors
L
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1345 - Landi Renzo USA
1651 - Leggett & Platt, Inc.
829 - Lightning Hybrids
669 - Love's Travel Stops
1624 - LPGTECH
557 - Luxfer Gas Cylinders
M
1357 - Mack Trucks
1162 - Macro Technologies
1525 - MATRIX SpA
1535 - MAT SA
1601 - McNeilus Truck & Manufacturing
1805 - Millennium Reign Energy
1628 - Metal Mate
1829 - Mobile Fueling Solutions
| N | 345 - National Biodiesel Board  
   960 - New Eagle  
   1811 - NexDrive  
   856 - NGV America  
   1813 - NGV Journal  
   1401 - NGV Global  
   1402 - NGV Global 2016  
   565 - NGVi  
   351 - NGV Solutions  
| O | 648 - Oasis Engineering  
   851 - Odyne Systems  
   551 - Oklahoma Department of Commerce  
   1526 - OMB Saleri  
   961 - OmniTek Engineering, Corp.  
   760 - Optimum Composites  
   451 - Optimus Technologies  
   761 - OPW  
   1701 - Ozinga  
| P | 1151 - Parker Hannifin Corporation  
   933 - Penske  
   357 - Peterbilt Motors Company  
   435 - Phoenix Motorcars  
   1120 - Power Solutions International (PSI)  
   928 - Powertrain Integration  
   1725 - Pressure Technology G.m.b.H.  
   911 - Propane Education & Research Council (PERC)  
   550 - PSB Industries  
   1800 - PST Cylinders  
| Q | 1833 - Quantum Technologies  
   1445 - Questar  
| R | 1319 - RAIL SpA  
   345 - Renewable Energy Group  
   1527 - Rostov CNG Vehicles  
   929 - Roush CleanTech  
   1745 - Ryder System  
| S | 1703 - Samuel Pressure Vessel Group  
   1060 - Sensor Electronics  
   1327 - Shanghai Exon-Gas  
   1551 - Shell  
   748 - Sierra Monitor Corporation  
   1807 - SNO-Motion  
   339 - South Coast Air Quality Management District  
   719 - Southern California Gas Company  
   956 - SPX Flow Technology  
   663 - SSP  
   861 - Stäubli Corporation  
   1720 - Steelhead Composites  
   1721 - Sterling CNG  
   1421 - Suzhou Long-Range Cryogenic & Insulation Materials  
   1437 - Swagelok  
| T | 1518 - TA Gas Technology  
   1804 - Tartarini Auto (Italy)  
   957 - Taylor-Wharton  
   635 - Toyota Motor Sales  
   1110 - Trillium CNG  
   1645 - TruStar Energy  
   650 - Tulsa Gas Technologies  
| U | 1809 - USA PRO Shoreline Technology, LLC  
   729 - US DOE Clean Cities  
   833, 1756 - US Hybrid  
| V | 549 - Valley Power Systems, Inc.  
   630 - Verizon Networkfleet  
   1819 - VERSUSGAS  
   535 - VIA Motors  
   1633 - Volvo Trucks  
   1335 - VTI Ventil Technik GmbH  
| W | 453 - Wayne, a GE Energy Business  
   1600 - WEH Technologies  
   1827 - Weldship  
   1045 - Westport  
   342 - Workhorse/AMP Electric Vehicles  
   620 - World CNG  
   1711 - World Power Tech  
   750 - Worthington Cylinders  
   835 - Writspeed Powertrains  
   1412 - Wuxi Banner Group  
| X | 757 - Xebec  
   1313 - Xi’an UnionFilter  
   445 - XL Hybrids  
   545 - xperion  
| Z | 1815 - Zavoli SRL  
   722 - Zenith Motors
THE ULTIMATE
Information Source for the Transportation Industry!

678-957-1414 | rlawrence@fleetowner.com
The show floor features vehicles across all alternative fuels and weight classes, including:

**Natural Gas**
- Chevrolet Silverado Bi-Fuel Pickup, CNG (General Motors)
- Chevrolet Silverado Bi-Fuel Pickup, CNG (IMPCO)
- Chevrolet Impala Bi-Fuel Sedan, CNG (General Motors)
- Dodge ProMaster Van, CNG (World CNG)
- Ford Crown Victoria Interceptor Police Pursuit, CNG (SCAQMD)
- Ford E-250 Cargo Van, CNG (Leggett & Platt)
- Ford F-250 Bi-Fuel, CNG (Landi Renzo USA)
- Ford F-550 Chassis Cab, CNG (BASF)
- Ford Transit Medium Roof Cargo Van, CNG
- Freightliner 114SD Roll-Off Truck, CNG
- Freightliner Cascadia 113 Day Cab Tractor, CNG
- Freightliner Cascadia 113 Day Cab Tractor, CNG*
- Honda Civic Natural Gas, CNG
- Honda Civic Natural Gas, CNG*
- Freightliner Cascadia 113 Sleeper Tractor, CNG
- Freightliner Cascadia with Cummins Westport ISX-G 12L and 164DGE CNG Tank Package by Quantum, CNG (Ryder System, Inc.)
- Freightliner Cascadia Tandem-Axle Day Cab Tractor, CNG (Penske Truck Leasing)
- Freightliner Cascadia Tractor, CNG (Questar)
- Freightliner Columbia Glider Configuration Dual-Fuel Class 8 Tractor (American Power Group)
- GreenKraft 106 Straight Truck, CNG (Quantum Technologies)
- Honda Civic Natural Gas, CNG
- Kenworth T440 ISLG Tractor with Allison 3000 & Agility Rail-Mounted CNG System, CNG
- Kenworth T800 ISX2 G Roll-off Truck with Allison 4500 & Triglory Rail-Mounted CNG System, CNG
- Kenworth T880 ISX12G Sleeper Tractor with Eaton’s new Ultra Shift & Trilogy BOC CNG System, CNG
- Mack Trucks Pinnacle AB Tractor, LNG
- Mack Trucks Pinnacle AB Tractor, LNG
- Mack Trucks Pinnacle Dual-Fuel Tractor, LNG (Clean Air Power)
- Peterbilt 365 Tractor, CNG (dHybrid)
- Peterbilt 384 Tractor, LNG*
- Peterbilt 567 Tractor, CNG
- Peterbilt 579 Day Cab Tractor, CNG
- Volvo VNL 64T 200 Tractor, DME
- Volvo VNL 64T 300 Tractor, CNG
- Volvo VNL 670 Tractor, CNG (Clean Air Power)*

**Renewable Fuel**
- Ford F350 Eco Trek, Algae-Based Biodiesel (National Biodiesel Board)

**Hybrid**
- Chevrolet Express 2500 Cargo Van, Gasoline/Electric Hybrid (XL Hybrids)
- Chevrolet Express 2500 Cargo Van, Gasoline/Electric Hybrid (XL Hybrids)*
- Ford E-450 Turtle Shuttle Bus, Hydraulic Hybrid (Lightning Hybrids)*
- Honda Accord Plug-In Hybrid EV
- Honda Accord Plug-In Hybrid EV*
- Hybrid Electric Street Sweeper (US Hybrid)
- VIA Motors Extended-Range eRev Crew Cab Electric Truck

**Propane**
- Blue Bird 24-Seat School Bus, Propane Autogas (PERC/A-Z Bus Sales)*
- Exmark Lazer Z S-Series Riding Mower, Propane Autogas (PERC)
- Ford Expedition SUV, Propane Autogas (Blue Star Gas)
- Ford E-450 Box Truck, Propane Autogas (Roush CleanTech)
- Ford E-450 Transit Shuttle Bus, Propane Autogas (Roush CleanTech)
- Ford E-Series Ecoline Van, Propane Autogas (PERC)*
- Ford F-59 Box Truck, Propane Autogas (PERC)*
- Ford F-250 Pickup, Propane Autogas (PERC/Roush CleanTech)*
- Freightliner Custom Chassis S2G Truck Chassis, Propane Autogas
- Freightliner MT-45 Chassis, Propane Autogas (PERC)
- Isuzu NPR-HD Dedicated Bi-Phase Liquid Propane Injection Truck, Propane Autogas
- Micro Bird G5 18-Seat School Bus, Propane Autogas (PERC/A-Z Bus Sales)*
- Terminal Tractor (Dock Spotter Truck), LPG (Power Solutions International)

**Electric**
- Cenntro Motors US-built KOMBI Compact Utility Electric Vehicle
- Chevrolet Spark Electric Vehicle
- Daimler Smart EV Electric Drive
- Electric Vehicle International (EVI) Medium-Duty Electric Vehicle*
- Honda Fit Electric Vehicle
- Honda Fit Electric Vehicle*
- Phoenix Motorcars 100% Electric Shuttle Bus
- Wrightspeed Powertrains Isuzu NPR Diesel Range-Extended Electric Vehicle*
- VIA Motors Extended-Range eRev 12-Passenger Electric Van*
- Zenith Motors 8-13-Passenger Electric Shuttle Van

**Clean Diesel**
- Chevrolet Cruze Turbo Diesel (Robert Bosch LLC)*
- Chrysler Jeep Grand Cherokee, EcoDiesel (Robert Bosch LLC)*
- Peterbilt 579 Sleeper Tractor with MX-13 Engine, Diesel

**Other**
- Ford C-MAX Solar Energi Concept Vehicle
- Elio Motors Fuel-Efficient Three-Wheeled Vehicle

* This vehicle is available for a test drive in the ACT Expo Ride & Drive (see next page for more information)
The Honda Civic Natural Gas. The only all-natural-gas sedan on the road. It's the cleanest internal-combustion passenger vehicle on the planet.¹ Between its 38-mpg highway rating² and the low cost of CNG compared to the price of gasoline, each dollar will carry you a long way down the road. Not to mention it comes standard with 7” Display Audio, LaneWatch,³ Pandora⁴ compatibility,⁵ Bluetooth,⁶ SMS text message function⁶ and a rearview camera. Efficiency meets responsibility.

Start something special.

¹ AT-PZEV (Advanced Technology Partial Zero-Emission Vehicle) models as certified by the California Air Resources Board (CARB) are available in California and states that have adopted California Zero-Emission Vehicle regulations. ² 27 city/38 highway/31 combined mpg gasoline gallon equivalent (GGE). Based on 2014 EPA mileage ratings. Use for comparison purposes only. Your mileage will vary depending on how you drive and maintain your vehicle. ³ Display accuracy will vary based on weather, size of object and speed, and the display may not show all relevant traffic. The display is not a substitute for your own direct visual assessment of traffic conditions before changing lanes. ⁴ Pandora, logo and trade dress are owned by Pandora Media, Inc., and used with permission. Compatible with select smartphones. See: www.pandora.com/everywhere/mobile. Wireless carrier’s rates apply. ⁵ The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc., and any use of such marks by Honda Motor Co., Ltd., is under license. ⁶ Compatible with select phones with Bluetooth®. Your wireless carrier’s rate plans apply. State or local laws may limit use of texting feature. Only use texting feature when conditions allow you to do so safely. ©2014 American Honda Motor Co., Inc.
Take a spin in advanced technology vehicles representing all alternative fuel types and weight classes. Representatives will be on hand to talk about vehicle specifications and answer questions. Check-in will be located outside the Expo Hall near Seaside Way.

**Natural Gas**
- Freightliner Cascadia 113 Day Cab Tractor, CNG
- Honda Civic Natural Gas, CNG
- Peterbilt 384 Tractor, LNG
- Volvo VNL 670 Tractor, CNG (Clean Air Power)

**Hybrid**
- Chevrolet Express 2500 Cargo Van, Gasoline/Electric Hybrid (XL Hybrids)
- Ford E-450 Turtle Shuttle Bus, Hydraulic Hybrid (Lightning Hybrids)
- Honda Accord Plug-In Hybrid EV

**Hydrogen**
- Honda FCX Clarity (FCV)
- Mercedes B-Class F-Cell Hydrogen Vehicle

**Propane**
- Blue Bird 24-Seat School Bus, Propane (PERC/A-Z Bus Sales)
- Ford E-Series Ecoline Van, Autogas (PERC)
- Ford F-59 Box Truck, Propane Autogas (PERC)
- Ford F-250 Pickup, Propane Autogas (PERC/Roush CleanTech)
- Micro Bird G5 18-Seat School Bus, Propane (PERC/A-Z Bus Sales)

**Electric**
- Electric Vehicle International (EVI) Medium-Duty Electric Vehicle
- Wrightspeed Powertrains Isuzu NPR Diesel Range-Extended Electric Vehicle
- VIA Motors Extended-Range eRev 12-Passenger Electric Van

**Clean Diesel**
- Chevrolet Cruze Turbo Diesel (Robert Bosch LLC)
- Chrysler Jeep Grand Cherokee, EcoDiesel (Robert Bosch LLC)
Volvo Trucks offers leading fleet solutions, including compressed natural gas (CNG). Available today, Volvo’s CNG-powered trucks are ideal for local or regional fleets who are looking for an alternative to diesel.

Stop by Volvo Trucks’ booth #1633 to learn more about our commitment to alternative fuels.
OFF-SITE TECHNICAL TOURS

TOUR 1: LA Municipal Bus Tour

Monday, May 5

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>Check-in</td>
<td>12:30 p.m. ACT Expo Registration Desk</td>
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<tr>
<td>Departure</td>
<td>1:00 p.m. Pine Avenue in Front of the Long Beach Convention Center</td>
</tr>
<tr>
<td>Return</td>
<td>3:30 p.m. Pine Avenue in Front of the Long Beach Convention Center</td>
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</table>

Due to the high concentration of forward thinking fleets and agencies in the South Coast Air Basin, Los Angeles’s public transportation has always been at the forefront of the clean vehicle revolution. Whether for the transport of commuters or school children, Los Angeles buses are some of the cleanest in the world. This tour will explore a compressed natural gas (CNG) fueling station and maintenance facility for one of the largest transit agencies in the country, as well as a time-fill station used by the City’s school district.

Site One: LA Metro - Division 18

Transit giant LA Metro is the second largest bus fleet in North America. After retiring its last diesel bus in 2011, the LACMTA also became the world’s first major transit agency to operate only clean air vehicles. The fleet currently consists of more than 2,200 CNG buses. The Authority’s 10 CNG fueling stations see a total throughput of approximately 2.1 million therms or 2.4 million equivalent gasoline gallons (GGE) per month. This tour will take attendees to one of their newest CNG fueling facilities, which was recently replaced by Clean Energy Fuels. This station is also one of the largest, with four fueling lanes, and is designed to be able to fuel up to 300 buses in one over night fueling window. The station’s seven 300-horsepower compressors have a total compression capacity of 7,700 standard cubic feet per minute (scfm). Attendees will also view the maintenance facilities, which have been modified to accommodate indoor maintenance of CNG buses.

Site Two: Los Angeles Unified School District

This tour will take attendees to the Los Angeles Unified School District’s (LAUSD) state-of-the-art time-fill CNG station. Built by Trillium in 2001 and upgraded in 2010, this is the largest time-fill site in the country built for the largest natural gas school bus fleet in the nation. LAUSD currently supports 310 CNG buses from this yard at its Transportation Services Division in the City of Gardena. The District’s CNG school buses are connected nightly to 127 single posts and 92 double filling posts. The station includes three 200 horsepower compressors that each has the capacity to produce 400 standard cubic feet per minute (scfm) of natural gas. In addition to natural gas, LAUSD operates 126 propane school buses and corresponding LPG fueling infrastructure to serve its students. For the 2013-14 school year, the Division replaced 396 older contracted buses operating diesel engines with newer alternative-fuel buses. As a result, the percentage of contracted buses that run on alternative fuels has increased to 81 percent.
By switching to natural gas, LA’s entire bus fleet now runs 80% cleaner. Think about it.

A cleaner commute for Los Angeles.
**TOUR 2: Hydrogen Fuel Cell Tour**

**Tuesday, May 6**

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<th>Time</th>
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<td>Check-in</td>
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<td>Departure</td>
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<tr>
<td>Return</td>
<td>11:30 a.m. Pine Avenue in Front of the Long Beach Convention Center</td>
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</table>

Hydrogen fuel cell technology development is expected to grow dramatically over the coming years, as OEMs commit to offering products aimed at commercializing this sector in the near-term. This tour will highlight Southern California’s leadership in the deployment of hydrogen fuel cell vehicles and hydrogen refueling infrastructure, and will showcase the companies pushing fuel cell technology to the forefront of alternative fuel conversation. Join us for a trip to America’s first pipelined hydrogen fueling station, as well as a leading manufacturer of components for fuel cell, electric and hybrid medium- and heavy-duty vehicles.

**Site One: US Hybrid**

Founded in 1999, US Hybrid Corporation specializes in the design and manufacture of integrated power conversion components for fuel cell, electric and hybrid medium and heavy-duty vehicles and renewable energy systems. The company’s products have been used in more than 18 OEM commercial vehicles worldwide. In January 2014, US Hybrid announced an agreement with United Technologies Corporation to commercialize the company’s Proton Exchange Membrane fuel cell technologies. The tour of US Hybrid’s facility will showcase the company’s 28,000 square foot integration and validation facility in Torrance. A variety of hybrid, plug-in electric and fuel cell heavy-duty trucks, municipal vehicles and military projects will be on display during the tour.

**Site Two: Shell Hydrogen Station**

The Shell Hydrogen Station located in Torrance is the world’s first pipeline hydrogen refueling station and sits on land owned by project partner Toyota. Open since 2011, this public access station fuels nearly 500 vehicles per month, including Toyota, Mercedes, Honda, and GM fuel cell electric vehicles. Hydrogen is delivered to this unique station via an industrial pipeline that is supplied by Air Products’ facility near the Port of Long Beach. With two 5,000 psi and two 10,000 psi dispensers, it’s the world’s first station where four hydrogen cars can fill up simultaneously. This station’s retail-like environment gives customers the same experience they would expect from a Shell petroleum station.
When your customers want more from you, this is the van that can help deliver.

The all-new 2014 Transit Connect will offer the kind of smart solutions you need. It will be totally customizable, both inside and out, to help fit the needs of your business—so you can make the most out of every mile. Find out how to get even more out of your vehicles at fleet.ford.com.
TOUR 3: Heavy-Duty Natural Gas Tour

Tuesday, May 6

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<th>Time</th>
<th>Location</th>
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<td>Check-in</td>
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<tr>
<td>Departure</td>
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<tr>
<td>Return</td>
<td>11:00 a.m. Pine Avenue in Front of the Long Beach Convention Center</td>
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</table>

Southern California is a hot bed of activity for natural gas, due in part to the region’s leadership in requiring tighter emissions standards for heavy-duty vehicles, and its commitment to providing funding opportunities to offset the costs of cleaner transportation for fleet operators. This tour will showcase some of the first adopters of LNG and CNG trucking technologies. Attendees will visit a large, public-access natural gas fueling station that facilitated cleaner air in the ports, as well as a private waste-hauling facility committed to deploying natural gas trucks in its operations.

Site One: Clean Energy LCNG Station at the Port of Long Beach

The world’s largest public natural gas truck fueling station, built by Clean Energy Fuels, was specifically designed to support the goals of the San Pedro Bay Ports’ Clean Air Action Plan (CAAP) and Clean Truck Program. LNG technology was an ideal choice for truck operators looking to comply with the CAAP, which requires the replacement or conversion of older diesel trucks entering the port to meet new emission standards. With two 25,000-gallon LNG storage tanks, six LNG dispensers, and two CNG dispensers, this public-access station is capable of serving the large community of natural gas port drayage trucks funded under the Clean Truck Program. One such fleet of trucks is operated by California Cartage Company, which developed the largest single LNG truck deployment in the nation to comply with the CAAP. California Cartage was honored with many awards for its efforts on this project. Tour attendees will meet California Cartage’s Vice President of Strategic Planning Robert Lively, who will discuss his company’s role advancing cleaner air in the ports and show us how one of these trucks is fueled.

Site Two: Waste Management Carson LCNG Station

Boasting North America’s largest fleet of heavy-duty natural gas trucks, Waste Management is a leader in the industry with more than 3,000 CNG and LNG collection vehicles in service. Their Long Beach (Carson) domicile for waste hauling trucks is home to a 32,000 gallon LNG and LCNG fueling station. This tour will include a visit to the site’s maintenance facilities, which have been upgraded to comply with applicable codes and standards to maintain and repair natural gas vehicles. Upgrades to the station and garages were funded in part by the Mobile Source Air Pollution Reduction Review Committee (MSRC) and the South Coast Air Quality Management District (SCAQMD). This station has limited public access for other public and private fleets.
Fuel cost is still on the rise and regulations are aiming to reduce the carbon footprint of commercial trucks. That’s why Ryder Natural Gas Vehicles are a great solution. Moving to natural gas can lower your fuel costs and reduce carbon monoxide emissions. Let Ryder focus on greening your fleet, so you can focus on driving what matters — your business.
Planning Committees

The co-located ACT Expo 2014 and NGV Global 2014 conferences are organized by Gladstein, Neandross & Associates (GNA), North America’s leading clean transportation and energy consulting firm. To ensure that the programming addresses the most relevant topics for fleet managers and transportation professionals, the agenda was carefully crafted over several months with ongoing input from advisory members throughout the industry, including:

High-Volume Fleets – GNA would like to thank the following public and private fleet leaders who collectively manage thousands of vehicles across all alternative fuel types and oversee some of the most innovative fleet operations in the country:

- **Michael Britt**, United Parcel Service
- **Larry Campbell**, City of Fort Wayne
- **Don Cook**, Core-Mark
- **Richard Coulson**, City of Los Angeles
- **Drew Cullen**, Penske
- **Mike DelBovo**, Saddle Creek Transportation
- **John Drayton**, Los Angeles County Metropolitan Transportation Authority
- **Tony Eiermann**, Coca Cola Refreshments USA
- **Joe Gold**, Frito-Lay
- **John Goralski**, FedEx Freight
- **Ron Halley**, Student Transportation of America
- **Mike Lickert**, Giant Eagle / Talon Logistics, Inc.
- **David May**, Iowa Department of Transportation
- **Dave Meisel**, Pacific Gas & Electric Company
- **Joe Oleson**, FedEx Freight
- **Scott Perry**, Ryder System, Inc.
- **Kevin Richardson**, The Parking Spot
- **Rick Sikes**, City of Santa Monica
- **Brad Smith**, GE Capital
- **Joe Stergios**, Enterprise Holdings/Enterprise Fleet Management
- **Matthew Stewart**, Jefferson County, Washington

Clean Cities Coordinators – GNA would like to thank the following coalition leaders from the Department of Energy’s national Clean Cities program for providing a pulse on the latest alternative fuel vehicle deployment projects taking place across the United States:

- **Richard Battersby**, East Bay Clean Cities Coalition
- **Linda Bluestein**, US Department of Energy
- **Pamela Burns**, Dallas-Fort Worth Clean Cities Coalition
- **Barry Carr**, Central New York Clean Cities Coalition
- **Colleen Crowninshield**, Tucson Clean Cities Coalition
- **Robin Erickson**, Utah Clean Cities Coalition
- **Chuck Feinberg**, New Jersey Clean Cities Coalition
- **Don Francis**, Clean Cities Atlanta Coalition
- **Lee Grannis**, Greater New Haven Clean Cities Coalition
- **Alleyn Harned**, Virginia Clean Cities Coalition
- **Melissa Howell**, Kentucky Clean Fuels Coalition
- **Wayne King**, Los Angeles Clean Cities Coalition
- **Sandra Loi**, National Renewable Energy Laboratory
- **Jannet Malig**, Long Beach Clean Cities
- **Stephanie Meyn**, Western Washington Clean Cities (Seattle) Coalition
- **Chris Rice**, State of Maryland Clean Cities Coalition
- **Stephen Russell**, Massachusetts Clean Cities Coalition
- **Dennis Smith**, US Department of Energy
- **Mark Smith**, US Department of Energy
- **Sam Spofforth**, Clean Fuels Ohio
- **Kellie Walsh**, Central Indiana Clean Cities Coalition
- **Kevin Wood**, San Diego Regional Clean Cities Coalition
GreenLine LMF

New Horizons for CNG

High Quality Natural Gas Compressors

Call us: 951-695-5294 | info@glfuel.com | www.glfuel.com
Nearly 200 transportation industry leaders will present throughout the four-day program on the key fueling, equipment, technology, and policy advancements driving the future of sustainable transportation. Hear the latest updates on all alternative fuels and clean vehicle technologies—including natural gas, propane autogas, electric, hybrid, hydrogen, DME, clean diesel, and renewable fuels—for all vehicle applications and weight classes.

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 a.m. - 5:00 p.m.</td>
<td>Registration Open</td>
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</table>
| 8:00 a.m. - 10:00 a.m. | NGV Global Board Meeting  
* This event is open to NGV Global members only. * |
| 10:30 a.m. - 12:15 p.m. | NGV Global General Assembly  
* This event is open to NGV Global members only. * |
| 8:30 a.m. - 6:00 p.m. | CO-LOCATED EVENT  
**CHBC Spring Summit**  
Organized by the California Hydrogen Business Council  
* The CHBC Spring Summit will provide a balanced forum for businesses, academia, and government agencies to explore hydrogen and fuel cells through intelligent conversation, surprising presentations and thought-provoking sessions. Don’t miss the chance to hear from an impressive array of senior government officials and industry executives providing their vision of the role of hydrogen and fuel cells in California and the US and laying out their plans for continued technology commercialization. * |
| 11:30 a.m. - 5:00 p.m. | CO-LOCATED EVENT  
**Trucking Efficiency Workshop**  
Organized by NACFE & Carbon War Room  
* The Trucking Efficiency Workshop is a combined effort of the Carbon War Room and North American Council for Freight Efficiency to double the freight efficiency of North American goods movement by 2016 through the elimination of market barriers to information, demand, and supply. After hearing an overview of each technology, participants will break into small workshops to brainstorm the benefits and challenges to adopting various technologies. Each workshop group will focus on one of three specific technologies: tire pressure systems, 6x2 axles, and anti-idling devices. The workshop will be complemented by exhibits of available technology manufacturers. * |
| 12:30 p.m. - 1:30 p.m. | NGV Global Board of Directors Lunch Meeting  
* This event is open to NGV Global members only. * |
| 1:00 p.m. - 3:30 p.m. | OFF-SITE TOUR  
**LA Municipal Bus Tour**  
Hosted by LA Metro, LAUSD, and Trillium CNG  
* Site One: LA Metro - Division 18  
Site Two: Los Angeles Unified School District  
* Due to the high concentration of forward thinking fleets and agencies in the South Coast Air Basin, Los Angeles’s public transportation has always been at the forefront of the clean technology revolution. Whether for the transport of commuters or school children, Los Angeles buses are some of the cleanest in the world. This tour will explore a compressed natural gas fueling station and maintenance facility for one of the largest transit agencies in the country, as well as a time-fill station used by the city's school district. * |
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</table>
| 1:00 p.m. - 5:00 p.m. | **CO-LOCATED EVENT**  
Lead the Way with Propane Autogas Summit  
Organized by PERC  
The PERC Lead the Way with Propane Autogas Summit will provide attendees the chance to hear from fleet managers who are seeing the benefits of propane autogas every day. At the end of the day, you’ll walk away with a better sense of what clean, affordable propane autogas brings to the table, and why it’s already gaining momentum with fleets around the country. |
| 2:00 p.m. - 5:00 p.m. | **NGV Global Technical Forum**  
The Technical Forum will explore technical issues in a more detailed and informal forum than normal conference sessions allow. The focus will be on critical issues requiring resolution and this will help to define technical objectives and priorities for NGV Global to pursue. **This event is open to NGV Global members only.**  
CHAIRMAN: Diego Goldin  
MODERATOR CNG: Alex Lawson  
MODERATOR LNG: Brenda Smith |
| 5:00 p.m. - 7:30 p.m. | **Kick-Off Reception at Gladstone’s**  
Sponsored by PERC  
ACT Expo welcomes attendees with hors d’oeuvres, drinks, a mariachi band, and fun to celebrate Cinco de Mayo at Gladstone’s Restaurant at the end of Pine Avenue overlooking San Pedro Bay. This casual gathering helps attendees to meet other conference attendees and to unwind and relax after traveling to Southern California. |
## Agenda

### Tuesday, May 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00 a.m. - 5:00 p.m.</td>
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<tr>
<td>8:00 a.m. - 11:30 a.m.</td>
<td><strong>OFF-SITE TOUR</strong>&lt;br&gt;Hydrogen Fuel Cell Tour</td>
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<tr>
<td></td>
<td>Site One: US Hybrid</td>
<td>Site Two: Shell Hydrogen Station</td>
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<td>Hosted by US Hybrid and Shell</td>
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Hydrogen fuel cell technology development is expected to grow dramatically over the coming years, as OEMs commit to offering product aimed at commercializing this sector in the near-term. This tour will highlight Southern California’s leadership in the deployment of hydrogen fuel cell vehicles and hydrogen refueling infrastructure and showcase the companies pushing fuel cell technology to the forefront of alternative fuel conversation. Join us for a trip to America’s first pipelined hydrogen fueling station, as well as a leading manufacturer of components for fuel cell, electric, and hybrid medium- and heavy-duty vehicles.

<table>
<thead>
<tr>
<th>8:00 a.m. - 11:00 a.m.</th>
<th><strong>OFF-SITE TOUR</strong>&lt;br&gt;Heavy-Duty Natural Gas Tour</th>
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<tbody>
<tr>
<td></td>
<td>Site One: Clean Energy LCNG Station at the Port of Long Beach</td>
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<td>Site Two: Waste Management Carson LCNG Station</td>
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<td>Hosted by Clean Energy Fuels and Waste Management</td>
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Southern California is a hot bed of activity for natural gas, due in part to the region’s leadership in requiring tighter emission standards for heavy-duty vehicles, and its commitment to providing funding opportunities to offset the costs of cleaner transportation for fleet operators. This tour will showcase some of the first adopters of LNG and CNG truck technologies. Attendees will visit a large public-access natural gas fueling station that facilitated cleaner air in the ports of Long Beach and Los Angeles, as well as a private waste-hauling facility committed to deploying natural gas trucks in its operations.

<table>
<thead>
<tr>
<th>8:00 a.m. - 11:30 a.m.</th>
<th><strong>CO-LOCATED EVENT</strong>&lt;br&gt;Women in ACT Summit</th>
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<td>Organized by Gladstein, Neandross &amp; Associates</td>
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The Women in Alternative Clean Transportation (ACT) Summit will showcase female leaders who are shaping the future of clean transportation. Hear from women who lead the charge on public policy advancements and groundbreaking technology and infrastructure deployment projects. Panelists will share the steps they took to shape their careers, how they have succeeded in the traditionally male-dominated transportation sector, work-life balance tips, and other challenges and opportunities. The summit is free to anyone attending ACT Expo.

<table>
<thead>
<tr>
<th>9:00 a.m. - 11:00 a.m.</th>
<th><strong>CO-LOCATED EVENT</strong>&lt;br&gt;SmartWay Program Workshop with Penske</th>
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<td>Organized by Penske</td>
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The SmartWay Program Workshop will highlight the goals and achievements of EPA SmartWay as the program celebrates 10 years of supporting the goods movement industry. Remarks by EPA staff giving an overview of the purpose and components of the SmartWay Program will be followed by a discussion between SmartWay Affiliate Challenge and SmartWay Excellence Awardee Penske Truck Leasing/Penske Logistics and its fleet customers. This panel will highlight Penske’s commitment to promoting sustainable transportation, and how the company has encouraged its customers to take up the charge. Attendees will hear from these leading fleets on how the SmartWay Program has increased the efficiency of their vehicles and reduced fleet wide emissions.
<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:30 a.m.</td>
<td>Luncheon</td>
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<td><strong>Sponsored by ANGA</strong></td>
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<tr>
<td>12:00 a.m.</td>
<td><strong>Conference Welcome</strong></td>
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<td><strong>SPEAKER</strong></td>
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<td>Mayor Bob Foster, City of Long Beach</td>
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<tr>
<td>12:10 p.m.</td>
<td><strong>Opening Keynote Address</strong></td>
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<td></td>
<td><strong>INTRODUCTION OF KEYNOTE SPEAKER</strong></td>
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<td>Amy Farrell, Vice President of Market Development, America's Natural Gas Alliance</td>
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<td><strong>KEYNOTE SPEAKER</strong></td>
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<td>Dennis Slagle, Executive Vice President Group Trucks Sales &amp; Marketing Americas,</td>
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<td>Volvo Group</td>
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<tr>
<td>1:00 p.m.</td>
<td><strong>JOINT PLENARY SESSION</strong></td>
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<td><strong>Global Growth Throughout the Clean Transportation Sector</strong></td>
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<td>Kicking off this year’s ACT Expo and NGV Global sessions will be leading</td>
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<td>alternative fuel industry executives addressing why they are so excited at</td>
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<td>the current status and momentum building in their sector and what progress we can</td>
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<td>expect to see in the year ahead. In a new presentation format for ACT, we’ve</td>
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<td>asked these speakers to present individual &quot;ACT Talks.&quot;</td>
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<td></td>
<td><strong>MODERATOR:</strong></td>
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<tr>
<td></td>
<td>Erik Neandross, Chief Executive Officer, Gladstein, Neandross &amp; Associates</td>
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<td></td>
<td>• Andrew Littlefair, Co-Founder, President &amp; Chief Executive Officer, Clean</td>
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<td>Energy Fuels</td>
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<td>• Roy Willis, President &amp; Chief Executive Officer, Propane Education &amp; Research</td>
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<td>Council</td>
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<td>• Joe Jobe, Chief Executive Officer, National Biodiesel Board</td>
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<td></td>
<td>• Bob Lutz, President &amp; Chief Executive Officer, Lutz Communications; Chairman of</td>
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<tr>
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<td>the Board, VIA Motors</td>
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<tr>
<td>2:15 p.m.</td>
<td><strong>Networking Break</strong></td>
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### ACT EXPO BREAKOUT SESSION 1.1
**Next Generation Hydrogen Fuel Cell Vehicles**

2014 will be a banner year for the commercial rollout of hydrogen fuel cell vehicles, with California being one of the major global hubs of activity for this deployment. Several major OEMs have announced that they will have product in the showrooms in the coming year and will be ramping up sales into the thousands of units. Never before has there been such tremendous momentum and growth in this market. This session will give an overview of the development process and plans for market introduction of light-duty hydrogen vehicles, including a discussion on reasons for considering fuel cell vehicles and OEM partnerships to expedite the process.

**MODERATOR:** Chris White, Communications Director, California Fuel Cell Partnership

- Stephen Ellis, Fuel Cell Vehicle Marketing Manager, American Honda Motor Company
- Geri Yoza, National Business Planning Manager, Toyota Motor Sales
- Matthew Forrest, Project Engineer, Fuel Cell Vehicles Operations, Mercedes-Benz Research & Development North America
- Gil Castillo, Senior Group Manager of Alternative Vehicle & Advanced Vehicle Strategy, Hyundai

### ACT EXPO BREAKOUT SESSION 1.2
**Propane Autogas Fueling Infrastructure**

Propane fueling infrastructure is already well established throughout many regions of the United States, in particular due to the demand of propane for non-vehicular uses. While the fuel has long been a popular fuel choice for private fleets of light- and medium-duty vehicles, there exists much opportunity to expand this reach with publicly accessible infrastructure. The panelists for this session will highlight not only their role in the creation of private access propane stations, but also their development of networks and corridors to meet and increase demand for public access fueling.

**MODERATOR:** Tucker Perkins, Chief Business Development Officer, Propane Education & Research Council

- Nathan Ediger, Director of Autogas, Ferrellgas Propane
- Bob Barnett, Facility Revenue Manager, Pilot Flying J
- Blair Poulsen, Sales Director, CleanFUEL USA

### ACT EXPO BREAKOUT SESSION 1.3
**Light-Duty Electric Fleet Case Studies**

With the reestablishment of light-duty electric OEM product availability, many public and private fleets across the country are investing in these vehicles. With this renaissance, these cars and vans are finding homes in fleets where their operational characteristics can meet the daily driving demands of the organization. Fleet representatives will join us to talk about their experience with these vehicles, including overcoming range anxiety, development of electric charging infrastructure networks, EV maintenance considerations, and other issues.

**MODERATOR:** Julia Pyper, Reporter, ClimateWire

- Joe Stergios, Manager of New Vehicles and Manufacturer Relations, Enterprise Holdings
- Rick Sikes, Fleet Superintendent, City of Santa Monica
- Greg Haddow, Clean Transportation Manager, San Diego Gas & Electric Company
- Alan Riddle, Director of Transportation Services, Southern California Edison
This panel of light-duty and medium-duty vehicle modifiers will present on the technologies and partnerships needed to integrate natural gas power systems into OEM vehicle offerings. Overviews of current product lineups will show how these offerings can fit in your fleet operations today.

MODERATOR: Alan McEwan, Director of Business Development, New Eagle Consulting
- Mark Aubry, Vice President of Sales and Marketing, Westport
- Barry Carr, Director of Business Development, Landi-Renzo USA
- Jeff Hall, Business Development Manager, IMPCO Automotive
- Will Gutilla, Sales Manager, Business Development, A-1 Alternative Fuel System

2:45 p.m. - 4:00 p.m. NGV GLOBAL BREAKOUT SESSION 1.5
Heavy-Duty Natural Gas Trucks:
A Reality Check

Heavy-duty OEMs will join us for a moderated discussion showcasing the latest developments in natural gas trucks and issues for the road ahead. The reality of this market’s growth will be a major focus of the session, including a discussion on the accuracy of predictions up to this point as well as growth forecasting for the coming year. Additionally, this conversation will address current LNG and CNG market dynamics, the performance of the 12L Cummins Westport engine, the development of additional new engine platforms, and more!

MODERATOR: Erik Neandross, Chief Executive Officer, Gladstein, Neandross & Associates
- Robert Carrick, Natural Gas Sales Manager, Freightliner Trucks
- Frank Bio, Director of Sales Development, Specialty Vehicles & Alternate Fuels, Volvo Trucks
- Andy Douglas, National Sales Manager, Kenworth Truck Company
- Roy Horton, Powertrain Product Marketing Manager, Mack Trucks
- Anthony Gansle, On-Highway Marketing Manager, Peterbilt Motors
## Agenda

### 4:15 p.m. - Breakout Session #2

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Description</th>
<th>Moderators</th>
<th>Presenters</th>
</tr>
</thead>
</table>
| 4:15 p.m. - 5:30 p.m. | **ACT EXPO BREAKOUT SESSION 2.1** Medium-Duty & Heavy-Duty Hybrid Drive Systems | Come see how fleets are improving bus and truck fuel economy in this session focused on the most state-of-the-art hybrid electric and hydraulic hybrid power systems. Presenters will cover their latest product lineups and offerings, as well as their plans for the future, including the US EPA's upcoming OBD requirements. | **MODERATOR:** Susan McSherry, Alternative Fuels Program Manager, New York City Department of Transportation | Ian Wright, Founder & Chief Executive Officer, Wrightspeed Powertrains  
Matt Jarmuz, Director of Sales, Odyne Systems  
Tim Reeser, President & Co-Founder, Lightning Hybrids  
Edward Lovelace, Chief Technology Officer, XL Hybrids |
| 4:15 p.m. - 5:30 p.m. | **ACT EXPO BREAKOUT SESSION 2.2** Hydrogen Fuel Cell Demonstration Fleet Case Studies | Though manufacturers have announced that significant plans for hydrogen fuel cell vehicle development are well underway, this technology remains elusive and only a few fleets across the country are currently running such vehicles. This technology has seen increasing reliability over the years, despite high costs for both upfront vehicle purchase and infrastructure development. The pioneer fleets represented on this session will talk about their experience testing these vehicles, and how their feedback is helping OEMs refine their usability for the larger fleet and consumer markets. | **MODERATOR:** Lisa Mirisola, Program Supervisor, Technology Advancement, South Coast Air Quality Management District | Jennifer Kurtz, Hydrogen Analysis Group Manager, National Renewable Energy Laboratory  
Tommy Edwards, Advanced Technology Project Manager, SunLine Transit Agency  
Kersey Manticic, Researcher, Advanced Power and Energy Program (APEP), University of California, Irvine  
Kip Selby, Senior Project Manager, The Kroger Company |
| 4:15 p.m. - 5:30 p.m. | **ACT EXPO BREAKOUT SESSION 2.3** E85 & Biodiesel Fleet Case Studies           | Fleets across the country are incorporating biofuels into their existing operations as the simplest way to integrate alternative fuels. Management and fueling of ethanol and biodiesel capable vehicles is the most similar to that of gasoline and diesel powered operations, and often offers the ability to run on traditional fuels when biofuels are unavailable or cost-prohibitive. For these reasons, these vehicles offer a near risk-free entry strategy for fleets getting into the AFV market. However, there are still subtle differences in operation that must be noted for a fleet to be successful. Experienced fleet managers will discuss why E85 and biodiesel made sense in their operations, and how they address the variations in operation compared to their traditionally fueled vehicles. | **MODERATOR:** Anne Tazewell, Transportation Program Manager, North Carolina Solar Center | Michael Lengyel, Senior Management Analyst, City of Chula Vista  
Han Dinh, Director of Vehicle Engineering & Technology Innovations, United States Postal Service  
Mary Hazell, Officer of Sustainable Operations & Climate Change, National Park Service  
Jim Ruby, Assistant Director Fleet Services, University of California, San Diego |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
<th>Moderators</th>
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</table>
| 4:15 p.m. - 5:30 p.m. | **NGV GLOBAL BREAKOUT SESSION 2.4** NGVs - Keeping Pace with Fuel Efficiency Improvements | As the efficiency of modern heavy-duty diesel engines continues to increase, the significant fuel cost savings benefit provided by a switch to natural gas can be decreased. This session will highlight the latest developments and efforts to improve the efficiency of natural gas engines via continued engine development, advanced combustion strategies, the application of the same efficiency improvement technologies being leveraged on the diesel side, and via other means. | Scott Perry, Vice President of Supply Management and Fleet Management Solutions, Ryder System  
- Gord Exel, President, Cummins Westport  
- Mike Roeth, Executive Director, North American Council on Freight Efficiency  
- Paul Schwark, Engineering Manager, Robert Bosch  
- Jim Arthurs, Executive Vice President, Heavy Duty Engine Systems, Westport |
| 4:15 p.m. - 5:30 p.m. | **NGV GLOBAL BREAKOUT SESSION 2.5** Heavy-Duty Natural Gas Retrofits | Natural gas system suppliers will provide details on their aftermarket solutions to provide new engine products to the market and immediate cost and emissions savings to heavy-duty truck operators. Case studies will be presented on leading fleets incorporating these systems into their operations. Updates on market penetration, market projections, and key issues for end-users will also be covered by the panelists. | Robin Erickson, Executive Director, Utah Clean Cities  
- Kevin Campbell, Business Development Director, Clean Air Power  
- Lyle Jensen, Chief Executive Officer & President, American Power Group  
- Werner Funk, Chief Executive Officer, Omnitek Engineering  
- Barry Carr, Director of Business Development, Landi Renzo USA |
<p>| 5:30 p.m. - 8:00 p.m. | <strong>Expo Hall Grand Opening &amp; Welcome Reception</strong> | Attendees will explore the largest ACT Expo floor to date, packed with AFV technology, equipment and fuel providers, and more! This reception provides an opportunity to “kick the tires” on the latest products and equipment, while enjoying food and drinks, visiting with old friends and colleagues, and establishing new relationships. |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>7:00 a.m. - 5:00 p.m.</td>
<td>Registration Open</td>
<td></td>
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<tr>
<td>7:30 a.m. - 9:00 a.m.</td>
<td>Breakfast in the Expo Hall</td>
<td>Sponsored by ET Environmental</td>
</tr>
<tr>
<td>8:00 a.m. - 10:30 a.m.</td>
<td>CO-LOCATED EVENT Alternative Fuel Toolkit for Local Governments, Fleet Managers, and Employers Workshop</td>
<td>The South Coast AQMD invites you to participate in the free Alternative Fuel Toolkit for Local Governments, Fleet Managers, and Employers Workshop, geared towards fleets and Clean Cities Coalitions, where you can learn best practices of using alternative fuels—including electric, hydrogen, and CNG/LNG. Each attendee will receive an “Alternative Fuel Toolkit” on a flash drive as a takeaway. Organized by the South Coast Air Quality Management District</td>
</tr>
</tbody>
</table>
| 8:00 a.m. - 10:45 a.m. | NGV GLOBAL PLENARY SESSION OEM Strategies for Heavy-Duty & Light-Duty NGVs | International automakers will join us for a high-level conversation about their natural gas product offerings for a variety of weight classes and plans for future deployment in North America and around the globe.  
• Dick Kauling, Engineering Group Manager, Gaseous Fuel Systems, General Motors  
• Frank Bio, Director of Sales Development, Specialty Vehicles & Alternate Fuels, Volvo Trucks  
• T.J. Reed, Director of Product Strategy, Daimler Trucks North America/Freightliner Trucks  
• Prashant Banerjee, Head, Product Evaluation & Homologation, Engineering Research Centre, Tata Motors |
| 8:00 a.m. - 10:45 a.m. | NGV GLOBAL PLENARY SESSION International Market Update               | Executive members of the various global NGV associations will provide an overview of current NGV activity in their region during this plenary session.  
MODERATOR: Alicia Milner, President, Canadian Natural Gas Vehicle Alliance; Chair, NGV Global (North America)  
• Lennart Pilskog, Secretary General, NGVA Europe; Board Member, NGV Global (Europe)  
• Diego Goldin, Executive Director, NGV Global (South America)  
• Fazal Ali Khan, CNG Development Manager, Emirates Gas; Vice President, Asia Pacific Natural Gas Vehicles Association (Asia)  
• Brenda Smith, Managing Director, Safety & Gas Advisers (Asia) |
### Agenda

#### 8:30 a.m. - 10:45 a.m.

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30 a.m.</td>
<td><strong>ACT Expo Welcome Remarks</strong></td>
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<tr>
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<td><strong>SPEAKER</strong> Tahmid Mizan, Senior Technology Advisor, Corporate Strategic Planning Department, ExxonMobil Corporation</td>
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<tr>
<td>9:00 a.m.</td>
<td><strong>Keynote Address</strong></td>
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<td><strong>KEYNOTE SPEAKER</strong> Matt Petersen, Chief Sustainability Officer, City of Los Angeles</td>
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<tr>
<td>10:00 a.m.</td>
<td><strong>ACT EXPO PLENARY SESSION</strong></td>
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<td><strong>International Fleet Investments</strong></td>
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<td></td>
<td><strong>Shaping the Future of Clean Transportation &amp; Green Fleet of the Year Award</strong></td>
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<td><strong>Award presented by WIX Filters</strong></td>
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<td><strong>MODERATOR:</strong> Erik Neandross, Chief Executive Officer, Gladstein, Neandross &amp; Associates</td>
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<td></td>
<td>• Mike O’Connell, Senior Director for Fleet Operations, Frito-Lay North America</td>
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<td></td>
<td>• Joe Stergios, Manager of New Vehicles and Manufacturer Relations, Enterprise Holdings</td>
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<td></td>
<td>• Michael Britt, Director of Maintenance &amp; Engineering International Operations, Ground Fleet, UPS</td>
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<td></td>
<td>• Kenneth Jack, Vice President, Fleet Operations, Verizon Communications</td>
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<tr>
<td>11:00 a.m.</td>
<td><strong>The Green Fleet of the Year Award will be presented during the session.</strong></td>
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<td><strong>AWARD PRESENTER</strong> Jim Mele, Editor-in-Chief, Fleet Owner</td>
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#### 10:45 a.m. - 11:15 a.m.

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:45 a.m.</td>
<td><strong>Networking Break</strong></td>
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| 11:15 a.m. - 12:30 p.m. | ACT EXPO BREAKOUT SESSION 3.1  
Service & Support for OEM-Developed Walk-In Vans and Medium-Duty Commercial Trucks | Medium-duty OEMs across a variety of powertrains will present on the latest truck and walk-in van options available for vocational fleets. Following their introduction, representatives will focus the conversation to cover service and support customers can expect to receive when purchasing an alternative fuel vehicle. This will include warranty coverage, roadside assistance, and other services offered that will put a fleet at ease when considering the purchase of clean vehicles.  
MODERATOR: Lee Grannis, Coordinator, Greater New Haven Clean Cities Coalition  
- Kevin Holland, Manager, Natural Gas Sales, Freightliner Trucks  
- Mark Burdge, Vice President of Sales Business Development, VIA Motors  
- Glenn Ellis, Vice President of Marketing and Dealer Operations, Hino Motors  
- Ed Crawford, Executive Director of Sales Performance, Isuzu Commercial Truck of America |
|---|---|---|
| 11:15 a.m. - 12:30 p.m. | ACT EXPO BREAKOUT SESSION 3.2  
AFV Taxi Policies & Fleet Case Studies | Taxi and shuttle service fleets offer an important opportunity to reduce emissions and fuel use in a high-mileage, high-visibility industry. Many of these fleets are converting to alternative fuels for environmental or public image reasons, however, an increasing number of airports and municipalities are now requiring that taxi emissions be reduced or are offering incentives for fleets that voluntarily choose a cleaner option. Chaired by the California Clean Cab partnership, fleet managers from key taxi fleets nationwide will join us to discuss their efforts to green their vehicles and lessons learned along the way.  
MODERATOR: Paul Gillespie, Co-Founder, California Clean Cab Partnership  
- Brent Bell, President & Chief Executive Officer, Whittlesea Bell Transportation  
- Tom Drischler, Taxicab Administrator and Manager, Franchise & Taxicab Regulation, City of Los Angeles Department of Transportation  
- Tim Conlon, President and General Manager, California Yellow Cab |
| 11:15 a.m. - 12:30 p.m. | ACT EXPO BREAKOUT SESSION 3.3  
Light-Duty Diesel: A Growing Alternative | Though diesel has long been a popular option for light-duty cars internationally, where more than 50 percent of the vehicles sold in a country are diesel powered, the US has only seen a surge of these vehicles in recent years. With increased fuel efficiency requirements now in place at the federal level, the 20-30 percent fuel efficiency gains offered by these vehicles, compared to gasoline engines, will drive significant market penetration in the United States the coming years. Hear from the OEMs leading the charge to increase their investments in light-duty diesel vehicles and understand what this means to the future of the light-duty vehicle sector in both the fleet and consumer markets.  
MODERATOR: Alex Freitag, Director of Diesel Systems Engineering, Robert Bosch  
- Mike McGarry, Fleet Product Planning Manager and Green Fleet Support, General Motors  
- William Craven, General Manager of Regulatory Affairs, Daimler AG/Mercedes-Benz  
- Speaker TBA, Chrysler |
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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Description</th>
<th>Moderators/Members</th>
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<tbody>
<tr>
<td>11:15 a.m. -</td>
<td><strong>NGV GLOBAL BREAKOUT SESSION 3.4</strong></td>
<td>Shippers Driving Investment in Natural Gas</td>
<td>Erik Neandross, Chief Executive Officer, Gladstein, Neandross &amp; Associates</td>
</tr>
<tr>
<td>11:15 a.m. -</td>
<td><strong>NGV GLOBAL BREAKOUT SESSION 3.5</strong></td>
<td>Renewable Natural Gas for Low Carbon Operations</td>
<td>Mats Ekelund, Partner, Senior Adviser of Projects &amp; Finance, Strateco Development AB</td>
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<tr>
<td>11:15 a.m. -</td>
<td><strong>NGV GLOBAL BREAKOUT SESSION 3.6</strong></td>
<td>Natural Gas Safety &amp; Standards</td>
<td>Diego Goldin, Executive Director, NGV Global</td>
</tr>
<tr>
<td>12:30 p.m.</td>
<td><strong>Luncheon in the Expo Hall</strong></td>
<td></td>
<td>John Dimmick, Director of Technology, Clean Vehicle Education Foundation</td>
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<tr>
<td>12:30 p.m.</td>
<td><strong>Ride &amp; Drive</strong></td>
<td>Test drive alternative fuel and advanced technology vehicles representing all fuel and weight classes. See page 29 to learn more.</td>
<td>Juan Carlos Fracchia, Vice President, Argentoil SA</td>
</tr>
</tbody>
</table>

A major challenge in the transportation sector’s transition to natural gas is that many of the nation’s heavy-duty trucks are owned by carriers (or contractors) who operate transportation routes on behalf of shippers. Compelled by the economic and environmental benefits of natural gas trucks, shippers are increasingly working with their for-hire contractors to drive investment in natural gas trucks. Where such partnerships have been developed, economic and environmental improvements are realized. As these early success stories become more visible, additional shippers are becoming increasingly interested in natural gas for their operations, thus driving additional adoption of natural gas in the supply chain.

**Moderators/Members:**
- David Uncapher, Transportation Sourcing and Operations Leader, Owens Corning
- Adam Bishop, Senior Logistics Analyst, Domestic Transportation - Parts, Service & Technical Division, American Honda Motor Company
- John Sheehy, President, Sheehy Mail Contractors

Renewable natural gas offers the chance to transform waste streams into a super low-emission transportation fuel asset. This session will highlight leading biomethane projects around the world, emphasizing partnerships forged between fuel producers, fleet operators and other project stakeholders. Participants will discuss economic, policy, and environmental motivations for considering renewable natural gas, offer key lessons learned, and provide a look into the future of this exciting and developing market.

**Moderators/Members:**
- Doug Middleton, Chief Operating Officer, Pierce Transit
- Andrea Stephenson, General Manager, Atlas ReFuel
- Lorenzo Maggioni, Head of Research & Development, Italian BioGas Consortium
- Paul Relis, Senior Vice President, CR&R Environmental Services

This session will provide details on the key natural gas safety standards and codes that are critical to the continued accelerated proliferation of the global NGV market. Presentations will cover key codes and standards that must be considered for product suppliers looking to penetrate the growing North American market; service life and end of useful life considerations for on-board CNG cylinders as learned from the Argentinian NGV market with more than 2.3 million NGVs on the road; international efforts to harmonize standards and regulations for NGV equipment, fuels, and fuelling infrastructure; and critical safety considerations for fleets wishing to repair and maintain NGVs in indoor facilities.

**Moderators/Members:**
- John Dimmick, Director of Technology, Clean Vehicle Education Foundation
- Juan Carlos Fracchia, Vice President, Argentoil SA
- Flavio Merigo, Technical Director, NGV Italy
- Travis Homer, Director of Safety & Loss Prevention, Ryder System
<table>
<thead>
<tr>
<th>Time</th>
<th>Breakout Session 4.1</th>
<th>Session 4.2</th>
<th>Session 4.3</th>
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<tr>
<td>3:45 p.m.</td>
<td>Hybrid technology is an increasingly popular choice for the start and stop operations of delivery and service vehicles in off-highway routes, due to the technology's ability to significantly reduce fuel use associated with vehicle idling. Products on the market today are considered the &quot;best they have ever been.&quot; Hear from major fleets that have made large investments in hybrid technology as the best method for reducing emissions in their daily operations.</td>
<td>From simple charging stations to sophisticated and interconnected networks of smart chargers, this session will explore the latest trends and developments for powering EVs. Workplace charging, fee collection issues, and other important trends for EV networks and infrastructure will be covered in a comprehensive manner by these panelists.</td>
<td>Drop-in biofuels have displaced more petroleum fuels than all other alternative fuels combined. Hear from this expert panel on the latest developments in this important field, including innovative new feedstocks and second-generation biofuels, as well as updates on some of the hottest policy discussions on the biodiesel tax credit, the federal farm bill, the Renewable Fuels Standard program, and the Low Carbon Fuel Standard within California.</td>
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<tr>
<td>3:45 p.m.</td>
<td><strong>Moderator:</strong> Mark Simon, Director of Alternative Fuels Program, New York City Department of Transportation</td>
<td><strong>Moderator:</strong> Francisco Dóñez, Sector Lead, West Coast Collaborative, United States Environmental Protection Agency</td>
<td><strong>Moderator:</strong> Christopher Standlee, Executive Vice President, Global Affairs, Abengoa Bioenergy US Holding</td>
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<td></td>
<td>• Tony Eiermann, Fleet Manager, Asset &amp; Value Management, Coca-Cola Refreshments</td>
<td>• Charlie Botsford, Business Development, Efficient Energy Systems, Aerovironment</td>
<td>• Jon Scharingson, Executive Director of Sales &amp; Marketing, Renewable Energy Group</td>
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<td></td>
<td>• Nina Kisch, Fleet Administration Manager, Transportation Services, Pacific Gas &amp; Electric Company</td>
<td>• Khalid Simjee, Freedom Station Project Manager, NRG eVgo</td>
<td>• Rob Elam, Founder &amp; Chief Executive Officer, Propel Fuels</td>
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<td>• Tom Howard, Transportation Systems Manager, Veritable Vegetable</td>
<td>• Jim Stanley, Vice President and General Manager, Blink Network, CarCharging</td>
<td>• Chris Bliley, Director of Regulatory Affairs, Growth Energy</td>
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<td></td>
<td>• Dan Moody, Senior Governmental Compliance Specialist, ComEd</td>
<td>• David Peterson, EV Regional Manager, Marketing &amp; Sales Strategy, Nissan North America</td>
<td>• Mike Lewis, General Manager, Pearson Fuels</td>
</tr>
</tbody>
</table>
### NGV Global Breakout Session 4.4
**NGV Policy Initiatives**

As has been seen time and time again, well-formed public policy initiatives from the local level to the federal level can be critically important in the early stages of NGV market development. Representatives from local, state, and international regulatory authorities will discuss energy and environmental focused initiatives aimed at advancing the use of natural gas technologies in the Californian, European, and Asian markets.

**Moderator:** Rich Kassel, Senior Vice President, Gladstein, Neandross & Associates

- **Henry Hogo**, Assistant Deputy Executive Officer, South Coast Air Quality Management District
- **Jack Kitowski**, Assistant Chief, Stationary Source Division, California Air Resources Board
- **Hirase Yusuke**, General Manager of Natural Gas Vehicle Department, The Japan Gas Association
- **Eduardo Pizano**, President, Naturgas (Colombian Natural Gas Association)

### NGV Global Breakout Session 4.5
**Heavy-Duty On-Road Vehicles - LNG and CNG for the Long Haul**

Natural gas engines are proven technologies, offering fleets a lower cost and cleaner alternative to traditional diesel operations. Whether an LNG or CNG on-board fuel storage system is selected, however, continues to be a common question among fleet operators considering a switch to natural gas. There is no single right answer; each fuel storage type has its own benefits and tradeoffs that must be considered. Vehicle size and operational restrictions, tank weight, fuel cost, incremental tank package and truck costs, ease of fueling, fueling times and labor costs, cost of refueling infrastructure, and other factors are often taken into account when choosing between LNG and CNG. Leading fleets that have completed these evaluations and selected a path forward will share the key factors that influenced their ultimate decision.

**Moderator:** Chad Lindholm, Vice President of Western United States and Canada, Clean Energy Fuels

- **Jeff Shefchik**, President, Paper Transport
- **Ashley White**, Logistics Sustainability Manager, The Kroger Company
- **Mike DelBovo**, President, Saddle Creek Transportation
- **Mark Davis**, President, Jack B. Kelley (a Kenan Advantage Group company)

### NGV Global Breakout Session 4.6
**Natural Gas Infrastructure & Fuel Supply Issues**

This session will address methods for developing natural gas production and fueling infrastructure solutions. Off-pipeline solutions, renewable fuel sources, accelerated development of infrastructure corridors and fueling networks, and other innovative solutions are all part of the NGV industry’s global efforts to grow the market. These various approaches can individually and collectively provide immediate benefits to end-users working to transition to this low cost clean fuel source. Hear from the companies who are making it easier for fleets to say yes to natural gas.

**Moderator:** Michael Bates, Publisher, Next Generation Transportation News

- **William Zobel**, Senior Vice President of Business Development & Strategy, Trillium CNG
- **Enid Joffe**, Senior Vice President, Galileo Group
- **Harrison Clay**, President, Clean Energy Renewable Fuels
- **Ryan Edwards**, Senior Vice President, Environmental Sales, GE Capital Transportation Finance

### Networking Reception in the Expo Hall

5:00 p.m. - 7:00 p.m.
### Agenda

**THURSDAY, MAY 8**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Details</th>
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<tbody>
<tr>
<td>7:00 a.m. - 5:00 p.m.</td>
<td>Registration Open</td>
<td></td>
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<tr>
<td>7:30 a.m. - 9:00 a.m.</td>
<td>Breakfast in the Expo Hall</td>
<td>Sponsored by ET Environmental</td>
</tr>
<tr>
<td>9:00 a.m. - 11:00 a.m.</td>
<td><strong>NGV Global Opening Remarks</strong></td>
<td><strong>SPEAKER</strong> Rich Kolodziej, President, NGVAmerica</td>
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<td></td>
<td><strong>NGV GLOBAL PLENARY SESSION</strong></td>
<td><strong>Lessons Learned from the International NGV Market &amp; Application to North America - Secondary Market &amp; Infrastructure Development</strong></td>
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<td></td>
<td><strong>Keynote Address</strong></td>
<td><strong>INTRODUCTION OF KEYNOTE SPEAKER</strong></td>
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<td><strong>Keynote Speaker</strong></td>
<td>Mayor Judy Mitchell, City of Rolling Hills Estates; Board Member, South Coast Air Quality Management District</td>
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<td><strong>Keynote Speaker</strong></td>
<td><strong>KEYNOTE SPEAKER</strong></td>
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<td><strong>Keynote Speaker</strong></td>
<td>Ron Litzinger, President, Southern California Edison</td>
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<tr>
<td>9:00 a.m. - 11:00 a.m.</td>
<td><strong>Act Expo Opening Remarks</strong></td>
<td><strong>MODERATOR:</strong> Rich Kolodziej, President, NGVAmerica</td>
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<tr>
<td>9:45 a.m. - 11:00 a.m.</td>
<td><strong>Act Expo Plenary Session</strong></td>
<td><strong>Getting to Zero</strong></td>
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<td><strong>Keynote Speaker</strong></td>
<td>Key industry representatives will join us for a roundtable discussion about the steps necessary to reach large-scale commercialization of zero-emission vehicle technologies in the near-term. With California’s aggressive zero-emission vehicle goals as the backdrop, this session will discuss realistic strategies to deploy battery electric, plug-in, and fuel cell electric vehicles in significant numbers, including perspectives on market demand, vehicle supply, end use, and refueling infrastructure.</td>
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<td></td>
<td><strong>Moderator</strong></td>
<td>David Meisel, Senior Director of Transportation &amp; Aviation Services, Pacific Gas and Electric Company</td>
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<td></td>
<td><strong>Panelists</strong></td>
<td>Alex Keros, Manager, Advanced Vehicles &amp; Infrastructure Policy, General Motors</td>
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<td>George Survant, Senior Fleet Director, Time Warner Cable</td>
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<td>Alan Lloyd, President Emeritus, International Council on Clean Transportation</td>
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<td>Alan Perriton, President, VIA Motors</td>
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<td>Mark Abramowitz, President, California Hydrogen Business Council</td>
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International markets with millions of NGVs already on the road provide compelling case studies on how infrastructure and OEM strategies can be successfully developed in tandem, raising questions about residual value and secondary markets for NGVs. With a growing on-road NGV market, North American NGV market participants will be able to tap into the knowledge and experience gained in other markets around the world.

MODERATOR: Rich Kolodziej, President, NGVAmerica
- Mariarosa Baroni, President & Chief Executive Officer, NGV Italy
- Mats Ekelund, Partner, Senior Adviser of Projects & Finance, Strateco Development AB
- Jorge Mathuiy, Commercial Director, MAT SA; Member, Brazilian Petroleum & Gas Institute NGV Committee
- Jeffrey Seisler, Chief Executive Officer, Clean Fuels Consulting
While the emissions from today's commercial medium- and heavy-duty trucks are already extremely low, the promise of zero-emission commercial transportation is exciting and relevant on several fronts. This panel will showcase the latest on electric truck technologies available for a variety of commercial applications.

MODERATOR: John Mikulin, Regional Lead, Electric Vehicle Deployment, West Coast Collaborative, United States Environmental Protection Agency

- David West, Chief Marketing Officer, VIA Motors
- Abas Goodarzi, Founder & President, US Hybrid
- Christine Smith, Vice President of Sales and Marketing, Zenith Motors
- Andy Marsh, President & Chief Executive Officer, Plug Power

Light-duty OEMs will share the latest information on their alternative fuel product offerings in addition to discussing plans for future advanced technologies. Following their introduction, representatives will focus the conversation to cover service and support customers can expect to receive when purchasing an alternative fuel vehicle. This will include warranty coverage, roadside assistance, features like station locators in vehicles, and other services offered that will put a fleet at ease when considering the purchase of clean vehicles.

MODERATOR: Pamela Burns, Communications Supervisor, North Central Texas Council of Governments; Coordinator, Dallas Fort-Worth Clean Cities

- Jon Coleman, Fleet Sustainability & Technology Manager, Ford Motor Company
- Mark Karney, Director of Alternative Energy Vehicles, General Motors
- Bradley Field, Manager, Alternative Fuel Vehicle Sales, American Honda Motor Company
- Marc Deutsch, EV Business Development Manager, Western Region, Nissan North America

Hear from those leading fleets investing in propane autogas technologies for their fleets on why this fuel made the most sense for their operations. This will include OEM upfit availability, reduced fuel costs, and ease of refueling infrastructure installation. With several promising new propane autogas engine technology programs now underway, increased market penetration of this fuel and these technologies is almost assured in the near term. Hear what is happening and how your fleet can prepare itself to benefit from these trends.

MODERATOR: Todd Mouv, Vice President of Sales & Marketing, ROUSH CleanTech

- Greg Miller, Americas Fleet Director, DHL Worldwide Express
- Scott Lavery, West Region Vice President of Automotive Engineering, Fleet Maintenance & Operations, UPS
- Teri Brady, Director of Student Transportation, Portland Public Schools
- Mike Yohe, General Manager, Shuttle Operations, ACE Parking
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| 11:15 a.m. - 12:30 p.m. | **ACT EXPO BREAKOUT SESSION 5.4**  
Alternative Fuels for Utility Fleets & Service Vehicle Case Studies  | Utility and service fleets across the country lead the way in deploying alternative fuel vehicles of all kinds. The operational profile of these vehicles is often very conducive to the successful implementation and operation of alternative fuels in these fleets. Hear from leading natural gas and electric utility companies on their current programs, how they have been and continue to be a test bed for new technologies, their success stories to date and their plans for the future.  | **MODERATOR:** Kurt Moreland, Associate Publisher, Utility Fleet Professional  
- Tony Orta, Strategy & Compliance Manager, Fleet Services, Southern California Gas Company  
- Scott Briasco, Manager of Fleet Engineering & Electric Transportation, Los Angeles Department of Water & Power  
- Frank Chapel, Director Natural Gas Transportation Fuels, Apache Corporation  
- Jordan Smith, Manager of Electric Drive Systems, Southern California Edison |
| 11:15 a.m. - 12:30 p.m. | **NGV GLOBAL BREAKOUT SESSION 5.5**  
Natural Gas for Food & Beverage Distribution  | Over-the-road fleets looking to save costs while also increasing fleet performance are turning to natural gas to improve their environment and their bottom line. Hear from leading companies in the food and beverage industries about how natural gas has made good “cents” for their distribution fleets. This session will focus on what steps went into natural gas fleet planning, how they were able to overcome the challenges of natural gas refueling, discuss project successes and results to date, and highlight plans for the future.  | **MODERATOR:** Jeff Crissey, Editor, Commercial Carrier Journal  
- Bob Kidder, Director of Fleet, Facility and Maintenance, Sysco Food Services  
- Bill Osteen, Senior Vice President of Business Operations, Golden Eagle Distributors  
- Billy Lawder, Director of Transportation Engineering, Anheuser-Busch  
- Mike Ahart, Vice President, Transportation, Dean Foods |
| 11:15 a.m. - 12:30 p.m. | **NGV GLOBAL BREAKOUT SESSION 5.6**  
Environmental Considerations of NGVs  | While the environmental benefits of NGVs are well regarded, there has been much recent focus and attention on both the hydraulic fracturing techniques that have led to the North American shale gas revolution and fugitive methane emission issues within the supply chain. The NGV industry and other stakeholder are working on these important issues. This panel will provide details and updates on these critical issues, from the well-head through the supply chain, including a look at the next generation of vehicle, engine, and drivetrain technologies that will further improve the environmental performance of tomorrow’s NGVs.  | **MODERATOR:** Patrick Couch, Project Director, Gladstein, Neandross & Associates  
- Erica Bowman, Vice President of Research and Policy Analysis and Chief Economist, America’s Natural Gas Alliance  
- Mark MacLeod, Director of Special Projects, Climate & Air, Environmental Defense Fund  
- Scott Hartman, LNG Technology Lead, North America, Shell  
- Jeff Reed, Director of Business Strategy & Development, Southern California Gas Company |
| 12:30 p.m. - 2:30 p.m. | Luncheon in the Expo Hall  |                                                                                                                                                                                                         |                                                                                       |
| 3:00 p.m.    | Expo Hall Closes                                  |                                                                                                                                                                                                         |                                                                                       |
2:30 p.m. - Breakout Session #6

**ACT EXPO BREAKOUT SESSION 6.1**

Medium-Duty Electric Vehicle End-User Case Studies

Set routes, return-to-base operations, and stop-and-go urban driving make for ideal characteristics for the implementation of an electric vehicle technology program. This panel will showcase some of the leading examples where electric technologies have proven successful in reducing costs and emissions while meeting the tough operational demands of a pick-up and delivery fleet operation.

**MODERATOR:** Jon Leonard, Senior Vice President, Gladstein, Neandross & Associates

- **Michael Britt,** Director of Maintenance & Engineering International Operations, Ground Fleet, UPS
- **Tony Eiermann,** Fleet Manager, Asset & Value Management, Odwalla/Coca-Cola Refreshments
- **Bob Douglas,** Vice President Field Maintenance, Northeast Region, Penske
- **John Clements,** Retired Director of Transportation, Kings Canyon Unified School District

**ACT EXPO BREAKOUT SESSION 6.2**

Hydrogen Fueling Infrastructure & “Designing a Drop-in Hydrogen Fueling Station”—2014 Hydrogen Student Design Contest Award Ceremony Award sponsored by US DOE and NREL

One of the biggest challenges to the expansion of the hydrogen fuel cell vehicle market is increasing appropriate refueling capabilities to support fleets. In this case, fueling infrastructure must come prior to or in tandem with vehicle deployment in order to encourage customers to invest in these expensive technologies. This session will highlight the latest efforts to create a comprehensive plan for new hydrogen station development, drawing on the existing roadmap for the California market and examining the potential to expand this to other states.

**MODERATOR:** Margo Melendez, Transportation Deployment Manager, National Renewable Energy Laboratory

- **Joe Gagliano,** Infrastructure Business Development Specialist, California Fuel Cell Partnership
- **Marianne Mintz,** Deployment and Analysis Team Lead, Argonne National Laboratory
- **Michel Archambault,** Director of Business Development & Sales, Hydrogenics Corporation
- **Shane Stephens-Romero,** President & Co-Founder, FirstElement Fuels

The Hydrogen Education Foundation’s Hydrogen Student Design Contest Award Ceremony will be announced during the session.

**AWARD PRESENTER**

Emanuel Wagner, Hydrogen Education Foundation
### ACT EXPO BREAKOUT SESSION 6.3
#### Propane Vehicle Conversions

This panel of light- and medium-duty vehicle modifiers will present on the technologies and partnerships needed to integrate propane autogas systems into OEM vehicle offerings. Overviews of current product lineups will show how these offerings can fit in your fleet operations today.

**MODERATOR:** Michael Sabourin, Senior Program Engineer, On-Highway Vehicle Alternative Fuel Conversions, Office of Transportation and Air Quality, United States Environmental Protection Agency

- Todd Mouw, Vice President of Sales & Marketing, ROUSH CleanTech
- Ralph Perpetuini, Chief Executive Officer, Icom North America
- Stuart Weidie, President, Alliance Autogas
- Brad Shantry, Operations Manager, Powertrain Integration

### NGV GLOBAL BREAKOUT SESSION 6.4
#### NGV Utility Programs

Natural gas utilities from around the globe will join us to discuss their organization’s role advancing local NGV markets and the industry overall. Though their methods differ, each offers a model for increased NGV market penetration. Presenters will share their experiences, models, success stories, and plans for the future as they continue to support the growth of their local NGV markets.

**MODERATOR:** Sean Turner, Chief Operating Officer, Gladstein, Neandross & Associates

- Ron Goodman, Director of Technology Solutions, Southern California Gas Company
- Doug Stout, Vice President of Energy Solutions & External Relations, FortisBC; Chair, CNGVA Board
- Shri B.C. Tripathi, Chairman & Managing Director, GAIL (India) Limited

### NGV GLOBAL BREAKOUT SESSION 6.5
#### NGV Industry Leaders

The fleets highlighted on this panel represent some of the biggest investors in natural gas vehicle technology in North America, and perhaps the world. Each has committed to replacing a majority, if not all of their existing diesel fleet with natural gas vehicles. As a result, they have directly and indirectly contributed to the expansion of regional natural gas infrastructure networks and the market overall via the growth of fueling infrastructure, supply chains and parts availability, and general knowledge, know-how and advocacy. It is through the efforts of forward-thinking companies like these that other fleets seeing these examples are informed about the benefits of this cleaner burning, domestic fuel. Each representative will share their story, giving others the opportunity to learn from their efforts and successes to date.

**MODERATOR:** Ryan Erickson, Senior Project Director, Gladstein, Neandross & Associates

- Eric Woods, Vice President of Fleet Supply Chain, Waste Management
- Charles Musgrove, Vice President, Dillon Transport
- Bill Cashmareck, General Manager, Natural Gas, Love’s Travel Stops
- John Drayton, Manager, Vehicle Technology, Los Angeles County Metropolitan Transportation Authority
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| 2:30 p.m. - 3:45 p.m. | **NGV GLOBAL BREAKOUT SESSION 6.6** Marine & Off-Road NGVs | Key stakeholders in the LNG production and distribution industries will discuss how investments in large marine and off-road NGV end-users is helping to facilitate the expansion of the on-road NGV markets in these regions. This discussion of the interrelationship between the on-road and off-road sectors will highlight how successful fuel production, supply chain, and fueling infrastructure projects will cater to a variety of consumers in multiple sectors. 
MODERATOR: Cliff Gladstein, President, Gladstein, Neandross & Associates
- Cheryl Wilson, Analyst, Bloomberg New Energy Finance
- George Arnett, Sales Manager - Small Scale LNG Applications, Chart Energy & Chemical
- Greg Roche, General Manager, Eagle LNG Partners
- Enid Joffe, Senior Vice President, Galileo Group |
| 3:00 p.m. - 7:30 p.m. | **CO-LOCATED EVENT** BSR Future of Fuels | In order to make transportation fuels more sustainable, new low-carbon options must include fuels, vehicles, and related infrastructure that are available, technically sound, and cost-effective for scalable commercial use. In response, BSR’s Future of Fuels initiative will host a stakeholder dialogue on “Bringing Better Transportation Fuels to Scale: Opportunities for Collaboration.” This forum will explore challenges standing in the way of scalable solutions for low-carbon fuel, and discuss opportunities for different parts of the value chain to work together to accelerate progress in creative new ways. The Future of Fuels forum will include speakers from major fleet operators, fuel producers, vehicle manufacturers, scientists, civil society, and governments. Decision-makers from the private, public, and nonprofit sectors who are interested to explore constructive, collaborative solutions for bringing better transportation fuels to scale are invited. |
| 4:00 p.m. - 4:45 p.m. | **NGV Global Closing Ceremonies** | Check out this session to find out where the next NGV Global conference will take place in two years, and to hear how the global NGV market plans to position itself in the near term. 
MODERATOR: Jeffrey Seisler, Chief Executive Officer, Clean Fuels Consulting
- Lennart Pilskog, Secretary General, NGVA Europe; Board Member, NGV Global
- Alicia Milner, President, Canadian Natural Gas Vehicle Alliance; Chair, NGV Global
- Diego Goldin, Executive Director, NGV Global |
| 4:45 p.m. | **ACT Expo & NGV Global 2014 Programming Adjourns** | |
| 6:30 p.m. - 10:00 p.m. | **NGV Global Gala Dinner & NGV Champion Awards Aboard the Queen Mary** | ACT Expo 2014 attendees are invited to purchase tickets for the NGV Global 2014 Gala Dinner and Awards Reception aboard the legendary Queen Mary ocean liner. The NGV Global Gala Dinner presents the perfect opportunity to meet global sustainable transportation stakeholders from around the world and celebrate the success of global NGV projects during the awards ceremony, all while enjoying one of Southern California’s most well-known tourist attractions. |
Networking Opportunities

Connect with clean transportation stakeholders from around the globe at the largest industry gathering of the year.

**Kickoff Reception at Gladstone’s Restaurant**
*Monday May 5, 2014 at 5:00 p.m.*
*Sponsored by [Propane Education & Research Council](http://propanecouncil.org)*

Enjoy hors d’oeuvres, drinks, music, and fun in a picturesque waterfront setting! This casual gathering is meant to help attendees unwind and relax after traveling and provide an opportunity to meet conference attendees.

**Expo Hall Grand Opening & Welcome Reception**
*Tuesday, May 6, 2014 at 5:30 p.m.*

Following the conference opening sessions on Tuesday, join us in the expo hall to explore the largest show floor to date—packed with the latest AFV technology, equipment and fuel providers! “Kick the tires” on the latest products and equipment, while enjoying food and drinks, visiting with old friends and colleagues, and establishing new relationships.

**Expo Hall Networking Reception**
*Wednesday, May 7, 2014 at 5:00 p.m.*

End day two of the conference in the Expo Hall to continue to explore the show floor, recap the day with new and old with colleagues, network with panelists from the sessions, and enjoy food and drinks.

**NGV Global 2014 Gala Dinner and Awards Reception**
*Thursday, May 8, 2014 at 6:30 p.m.*
*Cost: $180 / ticket*

As an addition to ACT Expo and NGV Global 2014, attendees are invited to step aboard the legendary Queen Mary ocean liner for an evening of celebration and networking. Meet sustainable transportation stakeholders from around the world and applaud the success of global NGV projects during the NGV Champions awards ceremony, all while enjoying one of Southern California’s most well-known tourist attractions.

The Queen Mary, permanently docked in Long Beach, California, successfully completed 1001 transatlantic cruises from 1936 to 1967, transporting the world’s rich and famous personalities, including The Duke and Duchess of Windsor, Greta Garbo, Clark Gable, Mary Pickford and Sir Winston Churchill. The exclusive Gala Dinner event will be held in the Grand Salon, creating an evening fit for royalty. Cocktail (business suits for men, cocktail dresses for women) attire is requested for this event.
NGV Global 2014
Organized by NGV Global and Gladstein, Neandross & Associates

Monday, May 5 – Thursday, May 8, 2014
www.ngv2014.com

NGV Global 2014 is the 14th biennial conference and exhibition for NGV Global—the world’s leading association promoting the development of the global natural gas transportation market. The conference sessions will run in tandem with ACT Expo 2014 programming and will focus on the latest advancements in the global natural gas vehicle market.

The North American shale gas revolution has led to a record cost spread between natural gas and petroleum fuel prices, spurring the domestic market to evolve from one traditionally driven by policies, regulatory drivers, and incentives, to one driven by NGV project economics, ROIs, and the corporate bottom line. As the abundant North American shale gas supply will inevitably affect other countries around the world in the coming years, the NGV Global 2014 sessions will showcase how low-cost, extremely abundant natural gas resources will revolutionize the global transportation system as we now know it. In addition, industry leaders from mature NGV markets—such as Argentina, China, Germany, India, Italy, Japan, Sweden, and the United Arab Emirates—will share key lessons learned as their local markets blossomed.

The NGV Global 2014 exhibition will take place within the ACT Expo 2014 expo hall, showcasing global natural gas solutions providers.

CHBC Spring Summit
Organized by California Hydrogen Business Council

Monday, May 5, 2014  |  8:30 a.m. – 6:00 p.m.
www.californiahydrogensummit.com

The CHBC Spring Summit “Building the Hydrogen Economy” will provide a balanced forum for businesses, academia, and government agencies to hear from an impressive array of industry speaker reporting on recent developments in key market sectors. CHBC Spring Summit sessions will address the following topics:

- Strategic Vision of Building and Financing Hydrogen Infrastructure
- Public Education on Hydrogen Mobility
- Utilities, Renewable Energy Mandate, and Hydrogen Energy Storage
- Fuel Cell Power Solutions
- Fuel Cells as EV Range Extenders
NACFE & CWR Trucking Efficiency Workshop
Organized by North American Council for Freight Efficiency & Carbon War Room

Monday, May 5, 2014  |  11:30 a.m. – 5:00 p.m.

The Trucking Efficiency Workshop is a combined effort of the Carbon War Room and North American Council for Freight Efficiency to double the freight efficiency of North American goods movement by 2016 through the elimination of market barriers to information, demand, and supply. Workshop attendees will hear from Ryder System, CALSTART, Frito-Lay, Daimler Trucks, and Cummins Westport, among others. Topics include:

- Trucking Efficiency: Mission and Background
- Buying and Selling Fuel-Efficient Technologies
- How Can the Industry Move to Greater Fuel Efficiency

After hearing an overview of each technology, participants will break into small workshops to brainstorm the benefits and challenges to adopting various technologies. Each workshop group will focus on one of three specific technologies: tire pressure systems, 6x2 axles, and anti-idling devices. The workshop will be complemented by exhibits of available technology manufacturers.

Lead the Way with Propane Autogas Event
Organized by Propane Education & Research Council

Monday, May 5, 2014  |  1:00 p.m. – 5:00 p.m.

The second-annual Lead The Way with Propane Autogas event, presented by the Propane Education & Research Council (PERC), highlights advancements in the propane autogas industry and real-world experiences from leaders in the fleet community. The goal of the event is to provide attendees a better sense of what clean, affordable, American-made propane autogas brings to the table, and why it’s a fuel of choice for leading fleets around the country.
Co-Located Events

SmartWay Program Workshop with Penske
Organized by the US Environmental Protection Agency & Penske Truck Leasing/Penske Logistics

Tuesday, May 6, 2014  I  9:00 a.m. – 11:00 a.m.

This session will highlight the goals and achievements of EPA SmartWay as the program celebrates 10 years of supporting the goods movement industry. Remarks by EPA staff giving an overview of the purpose and components of the SmartWay Program will be followed by a discussion between SmartWay Affiliate Challenge and SmartWay Excellence Awardee Penske Truck Leasing/Penske Logistics and its fleet customers. This panel will highlight Penske’s commitment to promoting sustainable transportation, and how the company has encouraged its customers to take up the charge. Attendees will hear from these leading fleets on how the SmartWay Program has increased the efficiency of their vehicles and reduced fleet wide emissions.

Women in ACT Summit
Organized by Gladstein, Neandross & Associates (producers of ACT Expo)

Tuesday, May 6, 2014  I  8:00 a.m. – 11:15 a.m.

The Women in ACT Summit will showcase female leaders who are shaping the future of clean transportation. The Summit will include two panels focusing on “Public Policy and Advocacy” and “Innovation and Implementation,” allowing attendees to hear from women who lead the charge on public policy advancements and groundbreaking technology and infrastructure deployment projects. Panelists will share the steps they have taken to shape their careers and their key accomplishments to date, as well as their perspective on how the industry is evolving. In a third panel, “Women in Transportation – Opportunities and Challenges,” panelists will discuss why it is imperative to attract more women into leadership positions in the transportation industry, and how women impact the profitability and growth of organizations.
The South Coast AQMD invites attendees to participate in a free workshop, geared towards fleets, local governments, and Clean Cities Coalitions, to learn best practices for deploying alternative fuel infrastructure (electric, hydrogen, and CNG/LNG). Learn about issues pertaining to building codes; permitting and installation; zoning, parking, and local ordinances; and stakeholder training and education for alternative fuel infrastructure for fleet operations. Case studies and examples of successful deployments of alternative fuel infrastructure and how these were implemented will also be discussed. Each attendee will receive an “Alternative Fuel Toolkit” on a flash drive as a takeaway from this session.

In order to make transportation fuels more sustainable, new low-carbon options must include fuels, vehicles, and related infrastructure that are available, technically sound, and cost-effective for scalable commercial use. In response, BSR’s Future of Fuels initiative will host a stakeholder dialogue on “Bringing Better Transportation Fuels to Scale: Opportunities for Collaboration.” This forum will explore challenges standing in the way of scalable solutions for low-carbon fuel, and discuss opportunities for different parts of the value chain to work together to accelerate progress in creative new ways. The Future of Fuels forum will include speakers from major fleet operators, fuel producers, vehicle manufacturers, scientists, civil society, and governments. Decision-makers from the private, public, and nonprofit sectors who are interested to explore constructive, collaborative solutions for bringing better transportation fuels to scale are invited.
Dennis Slagle was appointed executive vice president of Volvo Group Trucks Sales & Marketing Americas on January 1, 2012. In this position, Mr. Slagle is responsible for the commercial operations of all the Volvo Group’s truck brands (Mack, Volvo, Renault, and UD) in both North and South America, and is a member of the Volvo Group’s global executive management team. Immediately prior to being promoted to his current position, Mr. Slagle was president and chief executive officer of Mack Trucks, Inc. and Volvo Trucks North America. Prior to joining Mack in 2008, Mr. Slagle was president and chief executive officer of Volvo Construction Equipment North America, headquartered in Asheville, North Carolina. He has nearly 30 years of experience in the North American construction equipment industry, including serving as president of LB Smith, Inc., Volvo Construction Equipment’s largest North American dealer at the time. Mr. Slagle earned his BS from West Virginia Wesleyan College.

The Volvo Group is one of the world’s leading manufacturers of trucks, buses, construction equipment and marine and industrial engines. The Group also provides complete solutions for financing and service. The Volvo Group, which employs about 110,000 people, has production facilities in 19 countries and sells its products in more than 190 markets. In 2013, the Volvo Group’s sales amounted to nearly $42 billion. The Volvo Group is a publicly-held company headquartered in Gothenburg, Sweden. Volvo shares are listed on OMX Nordic Exchange Stockholm and are traded OTC in the US.

Keynote Address: Dennis Slagle, head of commercial operations for the Volvo Group’s truck brands (Mack, Volvo, Renault, and UD) in the Americas, will share his company’s latest sustainability advancements for heavy-duty trucks as well as buses, construction equipment, and marine and industrial engines. The Volvo Group’s vision is to become the world leader in sustainable transport solutions by investing in, developing, and delivering pioneering products and services for the transport and infrastructure industries. As a result, Volvo’s core values of environmental care, safety, and quality have driven investments and research in the areas of electromobility, intelligent transport systems (ITS), super vehicle efficiency, and alternative fuels. The use of domestically produced alternative fuels helps operators reduce fuel costs and emissions, decrease their maintenance costs, and limit exposure to volatile fuel prices.
Matt Petersen
Chief Sustainability Officer, City of Los Angeles

Wednesday, May 7

As the first ever chief sustainability officer (CSO) for the City of Los Angeles, Matt Petersen focuses on helping Mayor Garcetti create 20,000 green jobs in Los Angeles, create a more sustainable and livable city and neighborhoods, and hold every city department responsible for cleaner air and water.

For 19 years, Mr. Petersen served as president and chief executive officer of Global Green USA, building the group into one of the country’s leading environmental organizations (and the only national environmental organization headquartered in greater Los Angeles). Passionate about improving the environment and the lives of those in need, Mr. Petersen forged a national partnership with Habitat for Humanity International in 1995 to save homeowners money and improve their health. As a result of partnerships, legislation, and incentives put in place by Global Green over the last 15 years, over 100,000 individuals across the US now live in affordable housing with lower energy bills, better indoor air quality, and better access to transit. In California, Mr. Petersen’s leadership has led to $320 million being set aside for solar on affordable housing, addressing the disproportionate impact on minority and low-income communities through the community empowerment amendment to global warming law AB32, and the first state mandate to increase energy efficiency in existing buildings via AB758.

Mr. Petersen is widely credited for his successful vision for the green rebuilding of New Orleans after Hurricane Katrina, leading TIME Magazine to recognize Global Green’s leadership. Top on Mr. Petersen’s agenda was the greening of New Orleans’ schools rebuilt after the storm, as well as increasing the energy efficiency and indoor air quality of existing classrooms. Mr. Petersen, along with actor Brad Pitt, also launched the New Orleans Sustainable Design Competition, which resulted in the Holy Cross Project, a sustainable village under construction in the Lower 9th Ward.

More recently, Mr. Petersen turned Global Green’s attention to the communities devastated by Hurricane Sandy. He created the Solar for Sandy initiative that is bringing grid-tied, back-up solar systems to community centers in New York and New Jersey. This year, Mr. Petersen appeared with former President Bill Clinton to announce the initiative and the support of IKEA for the second solar system to be installed in Red Hook in Brooklyn, New York.

Mr. Petersen continues as a board member of Global Green USA, while also serving on the board of Habitat for Humanity of Greater Los Angeles. He also is a member of the Council on Foreign Relations, and is an advisor on energy and environment to the Clinton Global Initiative.

Keynote Address: In his ACT Expo keynote address on May 7, Mr. Petersen will highlight the City’s commitment to combat climate change by driving investment in clean transportation through cutting-edge policies, fostering the growth of clean tech companies in the region, and deploying alternative fuel vehicles within the Los Angeles metropolitan area. As the nation’s second most populous city, Los Angeles is home to a number of leading clean transportation equipment providers, the largest and most progressive public and private alternative fuel vehicle (AFV) fleets, and the most expansive network of alternative fuel infrastructure in the country. The City of Los Angeles is leading by example with its own vehicle operations, as it champions the largest alternatively fueled municipal fleet in the country. The City’s commitment to procuring cleaner vehicles as part of its Clean Fuel Policy has encouraged the development of its sustainable fleet, while also generating substantial public and private AFV fueling infrastructure to accommodate the region’s growing demand for natural gas, propane autogas, and electric vehicles.
Ronald Litzinger
President, Southern California Edison
Thursday, May 8

Ronald L. Litzinger is president of Southern California Edison (SCE), one of the nation’s largest investor-owned electric utilities that safely provides reliable and affordable electricity to nearly 5 million customers in a 50,000-square-mile service area within Central, Coastal, and Southern California. Litzinger became president in January 2011. From 2008 to 2010, Litzinger was chairman, president, and chief executive officer of Edison Mission Group (EMG), the competitive power generation business of Edison International. EMG is the parent company of Edison Mission Energy (EME) and Edison Capital. Litzinger joined Edison as an engineer at SCE in 1986 and since has served in a variety of capacities throughout Edison International’s companies. He moved to EME in 1995 and was named vice president there in 1998. From 1999 to 2002, he served as EME’s senior vice president of worldwide operations and as senior vice president and chief technical officer in 2002. In 2004, he was named vice president of Strategic Planning for Edison International and the following year, he was named senior vice president for SCE’s Transmission and Distribution Business Unit. Before joining Edison, Litzinger was an engineer for Texaco subsidiaries. Litzinger serves on the Board of Directors of AEGIS (Associate Electric & Gas Insurance Services Limited). He is on the Board of the CalChamber (California Chamber of Commerce) and the Los Angeles Philharmonic Association, and is a member of the Visiting Committee at the University of Washington’s College of Engineering. Litzinger earned a bachelor’s degree in chemical engineering from the University of Washington and a master’s degree in management from the University of Redlands.

Keynote Address: As president of one of the nation’s largest electric utilities, Ronald Litzinger will discuss Edison’s role in advancing the electric drive industry, starting with the company’s successful deployment of EV technologies in its own utility fleet. Ronald Litzinger’s keynote address at ACT Expo comes at a pivotal time for the electric vehicle industry, as the nation is seeing record sales for EVs, PEVs, and PHEVs. Beyond light-duty vehicles, there is growing excitement about the prospects for grid-charged medium- and heavy-duty vehicles to significantly impact the goods movement and public transportation sectors. Along with flourishing EV applications, we are seeing the expansion of charging infrastructure in both the commercial and private markets. Litzinger’s address will provide a pulse on the current opportunities and challenges across the electric drive sector as well as the zero- and near-zero-emission policies moving the industry forward.
Mark Abramowitz is currently serving his fourth year as board president of the California Hydrogen Business Council, and has led the recent restructuring and growth of the organization. Mr. Abramowitz serves as a consultant to Dr. Joseph K. Lyou, the Governor’s appointee on the South Coast Air Quality Management District Governing Board. He also provides policy, strategic, and regulatory assistance to clean tech companies, or those with regulatory issues that can be addressed with innovative solutions. Mr. Abramowitz has received numerous awards for his work, including the South Coast Air Quality Management District’s first annual Clean Air Award in public education. He has authored op-ed pieces in the New York Times, Los Angeles Times, and other newspapers, and his work has been the subject of news articles and TV features around the world. Mr. Abramowitz has also served as an elected director of the Yorba Linda Water District, and as a member and chairman of the Hearing Board of the South Coast Air Quality Management District. He has served on numerous other boards and advisory committees.

Mike Ahart is vice president of transportation for the Fresh Dairy Direct division of Dean Foods Company, a leading food and beverage company with nearly 12,000 class 7 & 8 power units and refrigerated trailers. In August 2012, Dean Foods was recognized as the thirteenth largest private carrier in the United States by the American Trucking Association (ATA). Mr. Ahart held a variety of operation and finance leadership positions within Dean Foods before being promoted to his current position in 2006. He holds a Master of Professional Accounting and has worked for Deloitte and Halliburton. Mr. Ahart is a member of ATAs Technology Maintenance Council and a charter member of the NGV Fleet Forum. He has implemented several fleet initiatives since taking the helm, including standardizing vehicle specifications, centralizing purchasing and leasing, outsourcing titling and registration, enhancing vehicle maintenance, consolidating fuel purchasing, and prioritizing employee safety. During 2011, Mr. Ahart deployed the first Class 8 CNG vehicles into the fleet and has plans for a significant addition of NGVs through 2015. Additionally, plans are underway for the construction of a private-access CNG fueling station in Houston, Texas. These changes have reduced Dean Foods’ diesel fuel consumption by more than 9 million gallons since 2007 (an 18% reduction).

Michel Archambault is a business development director at Hydrogenics Corporation, a leading supplier of on-site hydrogen generators, fueling stations, and PEM fuel cells. His main areas of focus are the development of the hydrogen infrastructure, hydrogen energy storage, and fuel cell power for stationary applications. He started in 2001 working for companies that are now part of Hydrogenics, including Stuart Energy and Vandenborre Hydrogen Systems. He was based at Hydrogenics’ European office from 2006 to 2009, where he developed industrial and fueling projects in Europe and the Middle East. Some of the projects he worked on include the Vattenfall Station in Hamburg (260 kpdp), IIT station in Bolzano (400 kpdp), The Aberdeen Hydrogen Project (400 kpdp), the Honda Swindon plant (65 kpdp), the Renewable Hydrogen Research Centre in Wales, and the Sir Samuel Griffith Center in Brisbane, Australia. He is a mechanical engineer from the University of Montreal and earned a business and administration degree from the University of Quebec in Montréal. Mr. Archambault is fluent in French, English, and Spanish.

George Arnett is the manager of systems sales for Chart Energy and Chemicals. He joined Chart in November of 2013 and is responsible for Chart’s small-scale LNG liquefaction plant sales. Chart’s Energy and Chemicals division has developed standardized solutions for LNG liquefaction facilities comprising process technology, detailed mechanical design, Chart-manufactured proprietary equipment, and other specialized capital equipment. This focused yet flexible model reduces capital cost, shortens lead times, and perfectly positions Chart to operate across the supply chain as the company of choice for owners, operators, end-users, and EPC contractors alike. Mr. Arnett has 14 years of energy-related experience ranging from nuclear power plant operations to refining and petrochemical plant equipment. He was most recently the director of business development for an EPC contractor focused on building small-scale LNG facilities. Mr. Arnett holds bachelor’s and master’s degrees in engineering from the University of Southern California in Los Angeles.

Jim Arthurs is executive vice president of heavy-duty engine systems at Westport, a company that engineers the world’s most advanced natural gas engines and vehicles. He is responsible for development of Westport’s heavy-duty engine technologies including the High Pressure Direct Injection system. Previously, Mr. Arthurs was president of Cummins Westport Inc. from 2012 to 2013 and led the development of the Cummins Westport ISX12 G natural gas engine. Prior to that, he was vice president of cryogenic systems and vice president of operations for Westport. Over his career, Mr. Arthurs has held senior sales, operating, and executive management positions at several companies including IBM and Weyerhaeuser. He is a member of the board of directors of Western Forest Products Inc., an integrated forest products company. Mr. Arthurs holds a BSc degree in computer science from the University of Calgary.

Mark Aubry is vice president of sales and marketing for the Americas at Westport Innovations. Mr. Aubry is a senior executive with over 20 years of experience developing new business with hands-on experience in start-up organizations leading growth by delivering sustained revenue and consistent profit margins. Mr. Aubry has facilitated significant business partnerships formed throughout European, American, and Canadian markets and is also expanding his experience in Latin/South America. A passionate advocate on the educational, environmental, and economic benefits of cleaner fuels, Mr. Aubry is a driving force behind Westport’s strategy on clean fuels technology. He has served as chair of the Electrification Leadership Council, an organization committed to accelerating the adoption of commercial and consumer alt-fuel vehicles for the development of large scale, replicable industry markets. Prior to joining Westport, Mr. Aubry was part of the Navistar Corporation in 2009. He has also served in similar roles at Tanfield Engineering (UK/USA), Enterprise Leasing Corporation, and America West Airlines.

Prashant Banerjee, Fellow of Institution of Mechanical Engineers (FIMechE) UK, is head of the Homologation and Product Evaluation Department in the Engineering Research Centre of Tata Motors. He is currently the co-chairman of the International Harmonization Group of the Indian Auto Industry and secretary of the Automotive Board of SAE India. For more than a decade, he has represented India in the United Nations Economic Commission for Europe Working Party WP29 General Safety Group, and is the panel convener of the LNG working group of ISO TC22/SC25 in India. He is a member of the Governing Council of the Automotive Research Association of India and Society of Automotive Fitness & Emissions. Mr. Banerjee is currently responsible for global product certification and compliance of the entire portfolio of Tata Motors in national and international markets. He has been
the program manager of India’s first OEM fitted and certified CNG and LPG vehicles, and has been the platform chief of two car programs including CNG and LPG projects for different markets. In India, he closely works with the government by actively participating in the Automotive Industry Standards Committee, CMVR Technical Standing Committee, Standing Committee on Emissions, and BIS Transport Engineering Division Council.

Bob Barnett is a facility revenue manager for Pilot Flying J (PFJ), the largest operator of travel centers and travel plazas in North America. Mr. Barnett’s responsibilities include development, execution, and management of over 200 propane and motor fuel dispensing centers throughout the US and Canada. He is also accountable for miscellaneous incomes generated at the travel plazas through amenities, services, leases, and dealers throughout the Northwest. He served as director of merchandising and operations manager with Flying J prior to the PFJ merger. His responsibilities included optimization of fuel pricing, alternative energy programs, leases, and other incomes. Prior to joining Flying J in 2005, he served as vice president of sales and marketing with a national architectural metal firm based in Los Angeles, California. Mr. Barnett has extensive experience in business start-ups, acquisitions/mergers and rapid growth businesses.

Mariarosa Baroni has been president and chief executive officer of NGV Italy, an Italian association of OEMs, CNG/LNG suppliers and CNG systems and CNG/LNG filling station manufacturers looking to advance the use of natural gas in vehicular applications. Ms. Baroni is also director of CBG Business for Cavagna Group, a world leader in equipment for pressurized gases. Prior to her time at Cavagna Group, Ms. Baroni was chief executive officer of Selca Vialle, a leader in electronic gas injection systems. She was the first in Europe to introduce an alternative fuel system to an OEM—Fiat—and subsequently introduced a private label system to Volvo and Ford Italy. She has a long and unique history with light- and heavy-duty OEM CNG projects. She also started LPG/CNG OEM conversions at Suzuki Maruti in India. Previously, Ms. Baroni was director of marketing and sales for her family company, which specialized in electronic and safety equipment in the European and Middle Eastern markets. Ms. Baroni attended Pendleton College in Oregon on a Fullbright Scholarship, and graduated with degrees in history and marketing. Since June 2013, she has been a board member of NGV Global.

Michael Bates is publisher of NGT News—Next-Gen Transportation (ngtnews.com), a web-based B2B media resource that covers alternative fuels and advanced transportation technologies for fleets. He has nearly 20 years of experience in journalism, including more than a decade in trade media. Mr. Bates serves as managing editor of Zackin Publications, NGT News’ parent company, which publishes print and online titles in areas such as wind energy, solar power, and the electric utility industry.

Brent Bell serves as president and chief executive officer of Whittlesea-Bell Transportation, a Las Vegas-based, family-owned business, and one
of the oldest and largest private transportation conglomerates in Nevada. Whittlesea-Bell Transportation—including Whittlesea Blue Cab Company, Henderson Taxi, Presidential Limousine, and Bell Trans (the largest single city limousine company in the nation)—employs more than 1,750 people and manages a fleet of more than 900 vehicles. He also serves as president of Bell United Insurance Company, founded to insure the Whittlesea-Bell fleet. In 2012, Mr. Bell cofounded and began serving as managing member of the conversion company, World CNG SW. He has since converted over 20 percent of his taxicab fleet and several mini-buses to natural gas. Mr. Bell also cofounded and serves as the president of the trade organization Livery Operators Association of Las Vegas. Mr. Bell is a graduate of University of Nevada, Las Vegas’s (UNLV) Lee Business School. He is a past president of the business school alumni association and was honored in 2005 as the Outstanding Alumnus of the Year. Mr. Bell continues to support UNLV by serving on the Dean’s Advisory Board and as a founding member of the Executive Mentor Program and a regular guest speaker.

**Frank Bio** is Volvo Truck’s director of sales development for specialty vehicles and alternative fuels. He focuses on opportunities and needs in the vocational and alternate fuels markets, coordinating efforts both internally and with dealers and customers. In his most recent position as product manager, Mr. Bio managed the product portfolio by serving as the “voice of the customer” to Group Trucks Technology on various projects. He also represented Volvo Trucks with the media on topics related to products, aerodynamics, and safety. Mr. Bio has over 40 years of industry experience, including sales, service, and marketing roles with Mack and Volvo. Mr. Bio began his trucking career in the engineering department of Mack Trucks in 1972 and held various positions until becoming a sales engineer in the marketing department in 1980. In 1988, he joined Volvo Trucks in the vocational group of the marketing department and then became the service development manager in 1990. In 1992, he returned to Mack as a district sales manager, before returning to Volvo in 1996 as the private fleet and leasing development manager. Since his return to Volvo, he has held various positions in the marketing department including marketing manager, director of vocational trucks, and director of Volvo engines.

**Adam Bishop** is a senior logistic analyst in the Parts, Service, and Technical Division for American Honda Motor Co., Inc. His responsibilities include management of dedicated outbound parts delivery to dealerships and GHG accountancy within the transportation of service parts and accessories. Mr. Bishop’s main focus as of late has been the transformation of the Honda dedicated parts delivery fleet to alternative fuels, and developing shared networks in remote areas of the country to reduce both carbon footprint and cost. Mr. Bishop is a graduate of Bowling Green State University.

**Chris Blikey** serves as Growth Energy’s director of regulatory affairs. Prior to joining Growth Energy in 2011, Mr. Blikey was a director at the Nussle Group, a consulting firm based in Washington, DC. He served as the associate administrator of the US Environmental Protection Agency, running the agency’s Office of Congressional and Intergovernmental Relations from 2007 until 2009 under President George W. Bush. Mr. Blikey was also chief of staff and legislative director for Congressman Jim Nussle. Prior to joining Congressman Nussle’s staff, Mr. Blikey was director of government relations for the Smokeless Tobacco Council, a Washington-based trade association.

**Charles Botsford** is a professional chemical engineer in California with 30 years of experience in engineering process design, distributed generation, and environmental management. He has a wide range of experience relative to oil refining, power electronics, renewable energy systems, electric vehicles, and air quality issues. Mr. Botsford is a Qualified Environmental Professional (QEP), Emeritus, and conducts business development activities in AeroVironment’s Efficient Energy Systems group. He received his MS in chemical engineering from the University of Arizona, and his BS in chemical engineering from the University of New Mexico.

**Erica Bowman** is vice president of research and policy analysis at America’s Natural Gas Alliance (ANGA). In this role, Ms. Bowman leads all research activities while also actively engaging with utilities, regulators, legislators, and other business-to-business stakeholders to aid in the understanding of the complex dynamics between markets, economy, and policy associated with abundant, clean, domestic natural gas. Ms. Bowman has spent over a decade developing strategies for companies to better address the intricate intersection of markets and policy within the energy industry, specifically advocating key policy components in climate legislation and environmental regulations. Prior to joining ANGA, Ms. Bowman was director of both power and environmental analytics at Edison Mission Marketing and Trading (EMMT). She led a team of analysts that provided guidance and strategy to a broad audience within EMMT ranging from trading to public affairs to senior management. Ms. Bowman received her MS from Northeastern University in Boston, Massachusetts and her Bachelor of Science and Engineering degree from Princeton University in Princeton, New Jersey.

**Teri Brady** has been working in student transportation for 18 years, starting as a substitute bus driver before moving into the office, scheduling routes, maintaining the District map and boundaries. She joined Portland Public Schools Student Transportation in 2007 as a routing manager and has served as the director since 2012. During her years at PPS, Ms. Brady has worked to create efficiencies in providing transportation services. She is committed to building a collaborative relationship between Transportation and the student’s educational day. Ms. Brady is past-president of the local chapter of the Oregon Pupil Transportation Association and also serves as a member of the State Board. Ms. Brady received her BA in sociology and social work from George Fox University and is currently studying for her MBA at Concordia University.

**Scott Briasco** is a manager and project engineer in the Electric Transportation Program at the Los Angeles Department of Water and Power (LADWP). In this capacity he oversees the LADWP’s efforts to support the growth of the electric transportation industry and to provide effective, low-cost infrastructure for electric vehicle users. A 28-year employee of LADWP, Mr. Briasco is responsible for spearheading the development and launch of several highly visible electric transportation projects, including advanced vehicle demonstrations and electric vehicle infrastructure deployment. He has served on a number of committees related to the commercialization of electric transportation technologies and is actively involved in regulatory and legislative activities in support of the LADWP’s Electric Transportation Program. Prior to his tenure of over 20 years working on electric transportation issues, Mr. Briasco worked as an Air Quality Engineer at LADWP. Mr. Briasco holds a BS in mechanical engineering from California State University, Northridge.
Michael Britt has spent 26 years at UPS and is currently the director of maintenance and engineering for internal operations. He has worked in different capacities, spending time in operations, industrial engineering, and automotive engineering. For 10 years he worked in California as the region automotive engineering manager and has a clear understanding of the environmental concerns in that state. Mr. Britt has led efforts in alternative fuel projects and technology development for the domestic fleet and recently for the international fleet. These projects include compressed natural gas, liquefied natural gas, propane, electric technology, hydrogen fuel cells, and hybrid vehicle development, including both hybrid electric and hydraulic hybrid technologies. Presently, he manages maintenance and engineering for all international operations and continues to manage fleet sustainability issues in the US. He is a member of the Society of Automotive Engineers, Technical Advisory Group to the America Trucking Association, and the Clean Cities Board and has served with The United Way as a member of the Board of Directors in several California locations. Mr. Britt holds a BS in automotive technology and an MBA in management.

Mark Burdge is currently serving as vice president of sales and business development for VIA Motors. VIA believes that extended range electric fleet vehicles such as pickup trucks and service vans enable fleet operators to significantly improve their bottom line while transforming environmentally unfriendly vehicles into champions for a cleaner environment. Mr. Burdge is a graduate of the Marriott School of Business at Brigham Young University. Prior to joining VIA Motors in 2011, Mr. Burdge was a partner in Evergreen Clean Energy, a renewable energy project management and development company. Evergreen Clean Energy has managed geothermal exploration projects for the Department of Energy, most recently on Fort Bliss, Texas. Other projects include a 10 MW renewable power plant in Eagle Valley, Colorado, and multiple geothermal exploration projects.

Pamela Burns is a communications supervisor with the North Central Texas Council of Governments (NCTCOG), the Metropolitan Planning Organization (MPO) for the Dallas-Fort Worth (DFW) area. Ms. Burns works for the transportation marketing team within the Air Quality Planning and Operations program areas of the Transportation Department. She is the coordinator for DFW Clean Cities and works on a variety of clean vehicle projects. Through Clean Cities, Ms. Burns serves on the National Clean Cities Coordinator Council representing the South Central region and is the national clean fleet partnership account manager for Frito-Lay and PepsiCo. Additionally, Ms. Burns works on several branding and communication efforts for other air quality and transportation projects for NCTCOG, including the successful bid for and implementation of Super Bowl XLV in 2011. She has served on the planning committee for the Alternative Clean Transportation Expo since 2011. She and her team have been recognized for their outstanding work with MotorWeek and were one of five coalitions to receive the Outstanding Propane Supporter award from PERC. Ms. Burns received her BA in political science and French from the University of Houston, where she graduated summa cum laude. In 2012, Ms. Burns obtained her master's in public affairs at the University of Texas at Dallas.

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Kevin Campbell began his career with the Los Angeles area Caterpillar dealer in 1977. His experience there was primarily in the truck engine business where he held various sales, service, and management positions during his 24-year stay. While with the Caterpillar dealer, Mr. Campbell was part of the team that introduced Clean Air Power's technology to Caterpillar in 1994. Mr. Campbell joined Clean Air Power in 2001 as the CAT relationship, and the team transitioned to the sole responsibility of Clean Air Power. From the beginning of the Caterpillar relationship until today, Mr. Campbell has managed the sale of Clean Air Power's dual-fuel technology. His experience ranges from the sale of 500 medium-duty refuse trucks in Mexico City to 500 horsepower dual-fuel Australian road trains hauling over 300,000 pound gross loads. Along the way, Mr. Campbell has worked with partners worldwide in the natural gas vehicle market, delivering products on five continents specializing in heavy-duty NGVs for more than 20 years. He is now developing the US market for the latest dual-fuel product, the Clean Air Power Genesis Edge for Volvo and Mack platforms.

Barry Carr is the director of business development for Landi Renzo USA; the worldwide leader in natural gas vehicle systems. Landi Renzo USA, based in Torrance, California, provides natural gas operating systems for Class 2 through Class 8 vehicles. The company is affiliated with Ford Motor Companies’ QVM program, and has been providing transportation technology solutions since 1953. Mr. Carr has been involved in the alternative fuel vehicle industry since 1988, and works closely with state and federal governments in support of funding and demonstration programs. He serves on NGV America’s State Legislative Committee, the Northeast Gas Association, and also volunteers as the coordinator of the US Department of Energy’s Clean Cities Coalition, “Clean Communities of CNY.” Mr. Carr has provided prototyping, engineering support, project management, and field testing for several alternative fuel vehicle manufacturers, including American Honda, Chrysler, Ford, and Toyota. Mr. Carr is a graduate of Clarkson University’s mechanical/industrial engineering program.

Robert Carrick, natural gas sales manager at Freightliner Trucks, has been a longtime advocate of the development and commercialization of Daimler’s natural gas trucks. He worked with the team that introduced the first Daimler LNG spark-ignited Cummins Westport-powered tractors in the Ports of Long Beach and Los Angeles in 2008. This project was the catalyst for the growth of Freightliner natural gas vehicles throughout North America in the years that followed. Presently there are over 3,800 conventional Daimler-branded natural gas units in operation. Mr. Carrick has been at Freightliner for 29 years, starting in the National Accounts Group. Since then he has had positions of increasing responsibility including Northeast region service manager, director of parts sales and marketing, and regional general manager for Sterling and Western Star Trucks. Prior to his career at Freightliner, Mr. Carrick enjoyed 13 years in purchasing and fleet management in the transit and refrigerated carrier segments.

Bill Cashmareck is the general manager of natural gas for Love’s Travel Stops, the second largest truck stop chain in the United States. He is responsible for Love’s natural gas station development and implementation. Mr. Cashmareck began his CNG business experience by overseeing operation of Love’s first CNG station in Kingfisher, Oklahoma. In 2011, Mr. Cashmareck moved into a business development role, heading up Love’s expansion of CNG fuel services to 10 more stations in Oklahoma. He managed the planning of Love’s first heavy-duty CNG station in 2012 and works to execute Love’s strategy to expand CNG fueling across their national footprint. Mr. Cashmareck also played a working role with Love’s proprietary fuel hauling fleet, Gemini, throughout their natural gas truck tests. Mr. Cashmareck began his career at Pivotal Energy Development as a commercial analyst for natural gas storage and trading. In 2010 he joined Musket, a wholly owned subsidiary of Love’s, in their refined products supply and trading business as a trading assistant, and later served on Musket’s business development team as an analyst for terminal projects. Mr. Cashmareck has a bachelor’s degree from the University of Houston in finance and global energy management.

Gil Castillo has more than 20 years of experience in the automotive industry and is currently senior group manager of the Advanced Vehicle Strategy group at Hyundai Motor America, where he and his team are responsible for new vehicle, alternative vehicle, and model line-up strategies for Hyundai’s US operations. Mr. Castillo graduated from Stanford University in 1991 with a BS in product design engineering. After college Mr. Castillo moved to Japan and joined Toyota Motor Corporation where he worked at Toyota’s global headquarters. In 1994 he moved back to the US and began working at Honda R&D Americas where he spent a total of 17 productive years working in both the Engine Design Department in Ohio and the Strategic Development department in Los Angeles. Mr. Castillo joined Hyundai in 2011 to help the company explore and expand into new vehicle segments and new alternative powertrain technologies. A main focus of his work at Hyundai has been the successful introduction and launch of the Tucson Fuel Cell.

Frank Chapel is Apache Corporations’ director of natural gas transportation fuels. He has been promoting natural gas as the alternative transportation fuel of choice for over 20 years. Mr. Chapel previously consulted on US and international CNG projects and prior to that worked for Amoco Oil. He began as manager of market development in Amoco Oil’s alternative transportation fuels business unit before being transferred to Cairo, Egypt, in 1995. There, he established the first private/public sector partnership to commercialize natural gas as a transportation fuel. He was the managing director of this 40 percent Amoco (later BP) joint venture Natural Gas Vehicles Company (NGVC) from 1995 through 2002. Mr. Chapel is an NGVAmerica board member, as well as being a part of ANGAs Infrastructure Task Force, “Drive Natural Gas Initiative” steering committee, co-chair of the “Drive Natural Gas Initiative” infrastructure committee, a member of the Greater Houston NGV Alliance, co-chair of the New Mexico NGV Coalition, and a member of other select DOE Clean Cities Coalitions.

Harrison Clay is president of Clean Energy subsidiary Clean Energy Renewable Fuels, also serves on the board of managers for Clean Energy’s landfill gas processing companies(Dallas Clean Energy McCommas Bluff, Canton Renewables, and CERF Shelby). Mr. Clay is responsible for leading Clean Energy’s efforts to produce and sell renewable natural gas (or biomethane) that is derived from the anaerobic decomposition of organic waste. Prior to joining Clean Energy in 2008, Mr. Clay worked at the San Francisco investment bank WR Hambrecht + Co. Mr. Clay has extensive experience in structuring and trading environmental commodities, venture capital, corporate and project finance, and the clean tech and energy industries. Mr. Clay has a JD from the University of Virginia and a dual AB in anthropology and English from the University of Georgia.
Speaker Biographies

John Clements recently retired as the director of transportation at the Kings Canyon Unified School District (KCUSD) in California’s San Joaquin Valley (SJV). In his 39 years as a school transportation professional, he has been an advocate for clean school bus technologies and operational techniques as a strategy for protecting children’s health. Mr. Clements secured over $10 million in funding to implement clean technologies to demonstrate the feasibility of zero-emission battery-electric school buses and refrigerated lunch delivery trucks in KCUSD fleet operations. He served on the California Highway Patrol’s School Bus Advisory Committee for three terms, currently sits on the Fresno County Transportation Authority Board, has been on the Executive Committee for the School Transportation Coalition, and acted as a City of Reedley Planning Commissioner. Though retired, he continues to advocate for cleaner technology in SJV rural school districts and remains active in work group discussions and hearings at the California Energy Commission and SJV Clean Cities Coalition. Mr. Clements was recently recognized by the US EPA Region 9 as a 2013 Environmental Award Winner. He holds a BS in business management from the University of Phoenix and an MA in leadership and organizational studies from Fresno Pacific University.

Jon Coleman, fleet sustainability and technology manager, works with Ford’s fleet customers to develop sustainable solutions to their specific needs through the use of technology, fleet optimization, and understanding driver behavior. Dr. Coleman has been involved with sustainability at Ford for more than 13 years and has represented Ford at venues ranging from the United Nations to the Academy of Management to the Clinton Global Initiative. His passion for sustainability is evident in his research focusing on how large organizations engage in sustainable behavior and how that decision-making process can be embedded in the organization’s day-to-day operations. Dr. Coleman’s view of sustainability goes far beyond “green” to include human rights, urban mobility, and societal well-being, embracing the ideal that true sustainability involves “doing more good, not doing less bad.” He earned his bachelor’s degree in marketing from Ohio State, his master’s degree in finance from Xavier and his doctorate in management from Case Western Reserve University.

Tim Conlon is the president and general manager of California Yellow Cab. In this position, he is responsible for a fleet of 225 taxicabs in Orange County, California. California Yellow Cab partners in a joint venture providing taxicab service to John Wayne Airport, with Mr. Conlon serving as managing partner. Mr. Conlon has been involved in the taxi business for more than 20 years and has been active in several transportation trade associations, both locally and nationally, most recently serving as president of the Taxi and Paratransit Association of California (TPAC). Since 2001, Mr. Conlon has led his company’s efforts to convert their fleet to alternative fueled vehicles. The company currently operates a combination of (CNG) Ford Transit Connects, Crown Victorias, and E-350 vans. While initially this strategy was motivated by the availability of vehicle subsidies offered by various government agencies, it has proven to make good business sense despite the reduction or elimination of these funds. Today, California Yellow Cab is proud of its commitment to the local environment and looks forward to future developments in the alternative fuel industry.
Patrick Couch has spent more than 11 years working with various aspects of research, development, and demonstration of new technologies. In his role as a project director at Gladstein, Neandross & Associates (GNA), Mr. Couch works with a range of stakeholders in the alternative transportation market, including fleets, regulators, technology developers, and alternative fuel suppliers. He has led demonstration projects for multiple advanced vehicles, including plug-in hybrid terminal tractors, hybrid and natural gas switcher locomotives, and battery electric terminal tractors. Mr. Couch also provides policy analysis and program design for government and commercial clients. He has played a key role in the development and implementation of several major fleet modernization programs, including the San Pedro Bay Clean Trucks Program and the Port Authority of New York and New Jersey Truck Replacement Program. Mr. Couch holds a master’s degree in mechanical engineering from the University of California, Irvine.

William Craven is general manager of regulatory affairs with Daimler’s office in Washington, DC. In this capacity, he helps develop and implement corporate strategies concerning regulatory issues including vehicle safety, emissions, fuel economy, and alternative fuels. Mr. Craven has over thirty years of experience in the field of alternative fuel vehicles and government relations. Prior to joining Daimler, he was vice president of marketing at Electrosource, a battery company that supported the electric and hybrid electric vehicle programs of most major auto companies around the world. He also helped start and became the associate director of the Center for Electrochemical Systems and Hydrogen Research at Texas A&M University. The center conducted fundamental research in alternative fuels with a focus on hydrogen. Mr. Craven earned a BA from Lynchburg College and an MBA from the University of Texas, Austin.

Ed Crawford is the executive director of sales performance at Isuzu Commercial Truck of America, Inc. Since 1999, Mr. Crawford has held various executive management positions with Isuzu. Today, Mr. Crawford’s primary role is directing sales prospecting focus. This includes market analysis, fleet sales support, alternative fuel strategies, and customer retention efforts, including initiatives to ensure Isuzu customers remain in the Isuzu family for years to come. Mr. Crawford has enjoyed a career in the commercial truck industry for more than 25 years and holds a BS in marketing from the University of Phoenix.

Jeff Crissey is the editor of Commercial Carrier Journal. In his role, Mr. Crissey is responsible for maintaining print editorial excellence, improving online audience development, and increasing CCJ readers’ knowledge of business and safety-related industry issues. Mr. Crissey holds a bachelor’s degree from Auburn University and has been a member of Randall-Reilly Publishing’s editorial staff for 16 years, where his coverage of industry topics has earned numerous regional and national awards over the years.

Mark Davis joined Jack B. Kelley, Inc. in 1988 and has served as the company’s president since 1997. Mr. Davis has over 38 years of experience in the transportation and logistics industry in various positions that include truck and railroad operations and rate and regulatory affairs. JBK was acquired by the Kenan Advantage Group (KAG) in August 2011. JBK and Cryogenic Transportation comprise the Merchant Gas Operating Group of KAG. Kenan Advantage Group is North America’s largest tank truck transporter and logistics provider, delivering fuel, chemicals, industrial gases, and food-grade products. KAG has operations in 40 states and the ability to deliver within all 48 states of the continental United States and Mexico. In addition, KAG operates in 16 locations throughout Alberta, British Columbia, Saskatchewan, and the Northwest Territories. KAG’s fleet currently consists of over 6,200 power units and 9,700 trailers. Mr. Davis earned a bachelor’s degree in business administration from the University of Arkansas and an MBA from the University of New Mexico.

Michael DelBovo is the president of Saddle Creek Transportation and has been a part of its leadership team since 1997. Saddle Creek Transportation provides asset and non-asset-based supply chain solutions, including dedicated fleets, transportation management, brokerage services, freight bill pay, and audit services. Mr. DelBovo is responsible for the trucking company, logistics/brokerage company, and cross-docks located in nine facilities stretching nationwide from Florida to California, plus over 400 drivers. Most recently, Mr. DelBovo spearheaded Saddle Creek’s $25 million CNG project, unveiling the company’s first 100 Freightliner CNG tractor-trailers and fueling station in 2012. Under his leadership, Saddle Creek became the first freight company in Florida to introduce natural gas into its over-the-road trucking fleet. Mr. DelBovo began his career in logistics in 1985 with Schneider National and has held a variety of positions for companies such as Dart Transit and CH Robinson. He has spoken on logistics practices and supply chain management at numerous events such as the ACT Expo, CSCMP Conferences, the WERC Conference and the Supply Chain Short Course at Georgia Tech. Mr. DelBovo earned his bachelor's degree from Carroll University in Waukesha, Wisconsin, and received his MBA from the University of Wisconsin, Oshkosh.

Marc Deutsch is the EV business development manager for Nissan North America, responsible for the Western Region including Los Angeles, San Diego, and Phoenix. His focus is on developing relationships with Fortune 500 companies, governments, and universities to promote the Nissan Leaf, fleet applications, and workplace charging. Mr. Deutsch has held various roles in the automotive industry at the dealership level for over 10 years before moving to Nissan North America to focus on electric vehicles. He holds a BS in aeronautical engineering and a MBA in technology management.

John Dimmick, director of technology for the Clean Vehicle Education Foundation, provides direct technical support and referrals to other experts in response to queries and also serves as an alternate member on the NFPA 52 Code committee for natural gas vehicles. Mr. Dimmick provides technical support for incident investigations and also serves on ANSI standards for both natural gas and hydrogen vehicle component standards (NGV2, NGV3.1, PRD1 etc.). The results of incident investigations are used in improvements to these standards and, where necessary, safety alerts are issued in response to incidents or recalls that require broad distribution in the industry. After more than 25 years in engineering and quality assurance at Pressed Steel Tank, a diversified manufacturer of Type 1 and Type 2 cylinders, Mr. Dimmick established JBDimmick, LLC in 2004 to provide global consulting services specializing in pressure vessel design and manufacturing prior to becoming director of technology in 2011. CVEF was an early client and work specialized in incident investigations, cylinder inspections, and other cylinder-related safety issues. Mr. Dimmick possesses a BS in mechanical engineering from Michigan State University.
Han Dinh is currently director for research and development of all vehicle programs at the United States Postal Service. In this position, he oversees all vehicle technical activities and advises senior management on the technical and scientific research and development of vehicle programs for one of the world’s largest vehicle fleets (210,000 vehicles). From 1982 to 1988, Mr. Dinh was a senior project engineer in the Powertrain Division of General Motors in Michigan, where he worked on the research and development of powertrains for the Chevrolet Truck and Suburban. Mr. Dinh has published a number of papers for the American Society of Mechanical Engineering (ASME) and the Society of Automotive Engineers (SAE) on alternative fuel vehicles and has been invited to speak at various national and international conferences. Mr. Dinh earned his master’s degree in mechanical engineering from the University of Wisconsin at Madison. He received his Applied Scientist degree and completed his PhD studies program in mechanical engineering at the George Washington University, in Washington, DC.

Francisco Dóñez is a staff member at the US Environmental Protection Agency (EPA), Region 9. He is the lead for both Marine Vessels & Ports and Locomotive & Rail sector workgroups for the West Coast Collaborative, a public-private partnership aimed at reducing pollution from heavy-duty diesel engines. Within that program, Dr. Dóñez manages grants and partnerships with state and local governments; community organizations, and industry to achieve diesel pollution reductions. After early-career studies in engineering and public policy, Dr. Dóñez completed his PhD in energy and resources at the University of California, Berkeley in 2010. He is based at EPA’s Southern California Field Office in Los Angeles.

Andrew Douglas is national sales manager for Kenworth Truck Company in Kirkland, Washington. During his 30-year career in the transportation business, he has held numerous positions within PACCAR and its divisions including Kenworth, PACCAR Financial, and PacLease that included both domestic and international assignments. For the past eight years, Mr. Douglas has led Kenworth’s “Green Initiatives” covering the growing markets for natural gas and hybrid products and has worked directly with the Ports of Los Angeles, Long Beach, Oakland, and Seattle on clean truck strategies. Mr. Douglas holds bachelor’s degrees in finance and economics and an MBA. Kenworth Truck Company is the manufacturer of The World’s Best® heavy- and medium-duty trucks and is a PACCAR company.

Bob Douglas is vice president of field maintenance for the Northeast region for Penske. In this role, he is responsible for all truck vehicle maintenance operations in the Northeast region, which includes over 45,000 vehicles and 140 service departments. He is also the company’s manager for several national account customers. A Penske employee for over 30 years, he has been in his current role since 2006. Previously, Mr. Douglas was the company’s vice president of maintenance operations and support. He was a district manager based in St. Louis, and has also been an area maintenance manager for the Central and Southwest regions. He was a district service manager based in Phoenix, and began his Penske career as a maintenance technician in the Phoenix district. Mr. Douglas earned a bachelor’s degree in business management, with a concentration in supply chain management, from Pennsylvania State University.
**John Drayton** is the manager for vehicle technology at Los Angeles Metropolitan Transportation Authority (LA Metro). In this capacity Mr. has overseen the purchase of more than 2,000 clean, advanced technology vehicles over the last 15 years. In 2007, Mr. Drayton was named the executive vice president for the Advanced Transit Vehicle Consortium (ATVC), a joint venture with LA City, LA County, and the South Coast Air Quality Management District (AQMD). ATVC oversees a number of advanced technology projects on behalf of these agencies, and this consortium is currently working on demonstration projects with hydrogen-blended fuels (HCNG), gasoline-hybrid vehicles, all-electric battery-powered buses, advanced hybrid propulsion systems, and fuel cells. LA Metro is widely recognized as one of the world's leaders in clean fuel technology, with 100 percent of its 2,350 bus fleet currently running on CNG fuel. LA Metro retired its last diesel bus in 2011, and has run nearly 1.5 billion miles on alternate fuels.

**Tom Drischler** is the taxicab administrator and the manager of the Bureau of Franchise and Taxicab Regulation for the City of Los Angeles Department of Transportation (LADOT). In addition to taxicabs, his bureau regulates non-emergency and private ambulances, shuttles operated by hotels and USC, and also pipeline franchises. He prepares and presents reports to Los Angeles' Board of Taxicab Commissioners, the Board of Transportation Commissioners and the City Council and committees. Mr. Drischler's office oversees nine franchised taxicab companies operating 2,361 vehicles with about 3,700 active drivers. There are about 245 non-taxi companies operating 2,450 vehicles with about 5,450 permitted drivers and attendants. Mr. Drischler has a BS in sociology from the University of Oregon and a master's degree in public administration from the University of Southern California. He began working for the City of Los Angeles as a transportation coordinator at Los Angeles International Airport in 1986. He became an Accredited Airport Executive with the American Association of Airport Executives in 1993. He was appointed LA's first and only taxicab administrator in 1999. He is the chairman of the Board of Directors of the International Association of Transportation Regulators, a post he was elected to in 2013.

**Nathan Ediger** serves Ferrellgas as the director of autogas. Based at the company's corporate headquarters in Overland Park, Kansas, Mr. Ediger's primary responsibility is sales to national, regional, municipal, and school district fleets that fuel vehicles using propane autogas. He joined the company in July 2005 as a local sales manager at the company's Kansas City service center. In that capacity he sold industrial propane to businesses in and around metropolitan Kansas City. He was promoted to a role in the company's National Accounts Department in 2007 and later became director of sales for the company's Northwest Sales Team before quickly taking over the reins for the autogas division.

**Ryan Edwards** is a senior sales leader for GE Capital, Transportation Finance, the nation's largest independent finance company serving the over-the-road trucking industry. Mr. Edwards is responsible for the go-to-market sales strategy of the natural gas and refuse business. Previously, Mr. Edwards was the strategic marketing leader for GE Capital, Transportation Finance where he was responsible for the long-term go-to-market strategy of the business, as well as new product and market development. He began his career as a Certified Public Accountant within the audit practice of Arthur Andersen LLP, with clients in independent oil and gas companies as well as venture capital groups. Mr. Edwards joined Associates Commercial Corporation in 1999 as director of acquisitions analysis. In 2001, Citigroup acquired the Associates and Mr. Edwards assumed the role of financial controller for CitiCapital's newly formed truck and trailer financing division. In 2002, he was promoted to chief of staff where he worked directly with the managing director of the Transportation Management Group to drive operational and sales efficiencies across its four divisions, including truck and trailer financing, trailer rental, auto fleet leasing, and asset based lending. Mr. Edwards received his bachelor's degree in accounting from Oklahoma Christian University of Science & Arts, Oklahoma City.

**Tommy Edwards** has more than 44 years of heavy-duty truck and bus fleet experience as a journeyman mechanic, maintenance supervisor, maintenance training supervisor, special projects program manager, director of maintenance, contracting officer technical representative (COTR), and currently advanced technology project manager. He has spent the last 22 years in public transit with SunLine Transit Agency. Mr. Edwards is a recognized expert on the use of alternative fuels in heavy-duty transit buses, with experience in CNG, Hytane, HCNG, methanol, battery electric, and hydrogen electric fuel cell-powered vehicles. Mr. Edwards has been involved in the development of several alternative fuel heavy-duty projects including concept, collaboration, grant writing, project development, and program management. Mr. Edwards is vice chair of the Southern California Regional Transit Training Consortium (SCRTC) and co-chair of the Zero Emission Bus Transit User Group (ZEB), and works with the APTA Clean Propulsion & Support Technology Committee and the CTA Maintenance Committee. Additionally, he manages the SunLine Transit Learning Center, Advanced Technology Hydrogen Electric Fuel Cell Bus, American Hydrogen Electric Fuel Cell Bus, TIGGER III Hydrogen Electric Fuel Cell Buses, and Battery Dominate Hydrogen Electric Fuel Cell Bus programs, as well as the agency’s solar projects and facility construction projects.

**Tony Eiermann** is the fleet asset manager with Coca-Cola Refreshments USA, Inc. In his current role, he is responsible for the specifying, planning, placing, ordering, tracking, payment, and accounting of approximately $130 million in annual capital funds and over 50,000 fleet assets expended throughout North America. Mr. Eiermann has over 13 years of asset management and procurement experience with Coca-Cola Refreshments USA, Inc. He has served as the senior procurement specialist for fleet, PET, and e-procurement prior to his current role as fleet asset manager. In these roles he was responsible for strategic sourcing, contracts negotiation and analytical support for multi-billion dollar spend areas. Mr. Eiermann attended Armstrong State College where he majored in business administration.

**Mats Ekelund** has provided leadership and project results to the NGV- and clean fuels sectors for 30 years. He has customers in several countries and has been active in areas of commercial hardware projects, financing, research, and interaction between stakeholders and corporations. Mr. Ekelund has led multi-disciplinary projects and provided industrial and commercial breakthroughs. He has served as an advisor to the automotive industry; to gas, oil, and energy companies; to fleet owners; and to NGOs and government agencies. Over the years, Mr. Ekelund has also published articles domestically and internationally, for the Financial Times among others. From 1988 to 1996 he held the office of vice president and senior vice president of NGV Global (then the IANGV) and was appointed NGV Champion in Rio in 2008. Mr. Ekelund has also served as a chairman and board member of several corporations. He has an MBA from the Stockholm School of Economics.
Rob Elam is an entrepreneur focused on applying innovative business methods toward projects and pioneering companies that embody ideals of sustainability, high quality of life, and healthy communities. Mr. Elam is founder and chief executive officer of Propel Fuels, California’s largest alternative fuel retailer. He is the lead inventor on several patents in the area of carbon accounting and behavioral GIS methodologies. Mr. Elam advises startups and is currently working with a select portfolio including Rebright Industries, Dropcountr, Applied Exergy, and Regenergy365. He also serves as the co-president of the Native Fish Society, a Portland-based wild salmon conservation organization.

Glenn Ellis is responsible for all marketing activities and dealer operations for Hino Trucks. He currently serves as vice president of marketing, dealer operations, and product planning. Since joining Hino Trucks in October 2004, Mr. Ellis has been responsible for building Hino’s brand in the US, leading several product launches, and helping to expand Hino’s dealer network to over 200 dealers nationwide. With his recently added product planning responsibility, Mr. Ellis will focus on rounding out Hino’s product offering with added models and features as Hino continues to grow its presence in the US. Prior to joining Hino, Mr. Ellis worked in several different capacities for Detroit Diesel Corporation in sales and operations from 1992 through 2004. As manager of product distribution, he worked to establish the North American distribution network for the Mercedes-Benz engine and transmission families. Mr. Ellis earned a BS degree in interdisciplinary technologies from Eastern Michigan University, with a primary concentration in product distribution and a minor in marketing. He has served on the Automotive Industry Action Group (AIAG), Council of Logistics Management, and the Automotive Market Research Council (AMRC).

Steve Ellis is the manager of Fuel Cell Vehicle Marketing at American Honda Motor Company. Mr. Ellis’s career at Honda began over 25 years ago. Throughout his career, he has worked on vehicle-related environmental and energy topics, including alternative fuel vehicles research and the creation of Honda’s Alternative Fuel Vehicle department. Mr. Ellis was responsible for launching and selling the Civic GX Natural Gas Vehicle in 1998. He has served on several government committees including SCAQMD to develop incentives for clean vehicle and employee ride share programs. Mr. Ellis has also served on numerous industry organization boards, assisted with Governor Arnold Schwarzenegger’s Hydrogen Highway Team, and is a founding member of the California Natural Gas Vehicle Partnership. He now serves on the Board of the National Hydrogen Association. Mr. Ellis is responsible for planning Honda’s alternative fuel vehicle marketing and for deploying their fuel cell vehicles and hydrogen refueling infrastructure solutions.

Robin Erickson has been the executive director and southern coordinator of the Utah Clean Cities Coalition (UCCC) since 2007. She has been involved with many alternative fuel projects, including the training of 3,000 school bus drivers from 45 school districts to reduce energy consumption by minimizing getting better all the time.

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Council on Environmental Quality. Prior, Ms. Farrell served as deputy assistant as an associate director for environment and regulation in the White House Economic Council as a special assistant to the President. She also served most recently serving in the George W. Bush White House National

Before joining the private sector, she spent nearly a decade in government, ExxonMobil's Public and Government Affairs Department as an issues advisor. She is vice president of market development at America's Natural Gas Alliance (ANGA), leading efforts to increase natural gas demand in the transportation, power generation, industrial, and export sectors. She also served as general manager of channels business. He has an MBA in digital technology and policy from the University of California, Davis, and a BS in physics from Central Washington University.

Ryan Erickson, project director at Gladstein, Neandross & Associates (GNA), works with clients on alternative fuel technologies, advanced transportation and power equipment, and emission control strategies. He offers a wealth of technical knowledge covering engines, chassis, fuel and exhaust systems, fueling infrastructure, and fuel production capabilities for the heavy-duty on- and off-road engine markets. Mr. Erickson has more than 20 years of experience, skills, knowledge, and relationships in the natural gas industry. Prior to GNA, he worked with the Orange County Transportation Authority (OCTA) as the facilities maintenance manager. During his seven-year tenure, he led major engineering projects involving new LNG and CNG infrastructure and was responsible for significant advancements in OCTA's vehicle emission strategies. Previously, Mr. Erickson spent five years overseeing the design, development, and testing of natural gas, low-emission, internal combustion engine products at San Diego-based Clean Air Power (CAP). Products there included dual-fueled Caterpillar truck and stationary engines. Prior to CAP, Mr. Erickson served as LNG product manager at Chart, Inc. with responsibilities for numerous LNG vehicle refueling stations and peak shaving projects. Mr. Erickson has a BS in mechanical engineering from the University of Minnesota.

Gordon Exel is president of Cummins Westport, Inc. (CWI), a joint venture between Cummins, Inc. and Westport Innovations. He joined Westport in 2002 as vice president and general manager of the Americas for the joint venture, spending 10 successful years at CWI. In 2012, he moved to Westport's European office in Lyon, France, as vice president of sales and marketing for Westport. Prior to Westport, Mr. Exel was a vice president in the Banking Information Technology industry following a career at Xerox where he progressed into his last role as general manager of channels business. He has an MBA in digital technology management from Royal Roads University in Canada.

Amy Farrell is vice president of market development at America's Natural Gas Alliance (ANGA), leading efforts to increase natural gas demand in the transportation, power generation, industrial, and export sectors. She is responsible for ANGAs market development strategy through advocacy efforts across the market spectrum. Ms. Farrell previously worked in ExxonMobil's Public and Government Affairs Department as an issues advisor. Before joining the private sector, she spent nearly a decade in government, most recently serving in the George W. Bush White House National Economic Council as a special assistant to the President. She also served as an associate director for environment and regulation in the White House Council on Environmental Quality. Prior, Ms. Farrell served as deputy assistant administrator for the Office of Prevention, Pesticides, and Toxic Substances (now the Office of Chemical Safety and Pollution Prevention) and as a policy advisor to Administrators Stephen Johnson and Michael Leavitt at the EPA. Ms. Farrell began her government career as a policy analyst in the Office of Management and Budget's Office of Information and Regulatory Affairs. She has a master's degree in public policy from Indiana University's School of Public and Environmental Affairs and a bachelor's degree in biology from Illinois Wesleyan University.

Bradley Field is manager of alternative fuel vehicle sales at American Honda Motor Company. A Honda veteran, he has been with the company since 1997, starting as district sales manager and later senior district sales manager in Philadelphia. He went on to hold positions as assistant manager of sales and product planning, assistant manager of Acura national sales, assistant zone sales manager, and zone manager process improvement in Los Angeles, California. In September 2013, Mr. Field returned to California after spending two years in Denver, Colorado, as zone sales manager. He currently manages a six-person team, overseeing all retail and fleet sales for natural gas, electric, and fuel cell electric vehicles in the United States. Additionally, he is responsible for field and dealership training, increasing dealership participants in specialized sales, and monitoring completion of dealership commitments. Mr. Field has a BS in business and communications from the University of Michigan at Dearborn.

Juan Carlos Fracchia is president of INFLEX and vice president of Argentoil, both of which manufacture NGV cylinders in Argentina. He has dedicated the past 30 years to advancing the use of natural gas vehicles, by supporting business development and acting as an advisor to foreign investors in these technologies. Mr. Fracchia was president of the National NGV Chamber for five terms; is a former president and current international relations director for the International Association for Natural Gas Vehicles (IANGV); and is a founding member and was the first president of the Latin American Association for Natural Gas Vehicles (IANGV). He is also a past president of NGV Global and a current member of the board. Mr. Fracchia has been a speaker on natural gas vehicles at multiple events, including the International Gas union, NGV Global, NGVA Europe, SUMMUN World Conference, World Bank, OAS, PEMEX, and many others. Mr. Fracchia completed post-graduate studies in marketing at the Buenos Aires Technological University and strategy at the Adam Smith University. He completed the Quality Executives Program at Kensho Center Yokohama in Japan and has a master's degree in economics from the University of Buenos Aires, Argentina.

Matthew Forrest is a project engineer with Mercedes-Benz Research and Development North America (MBRDNA), and has worked on the topic of fuel cell vehicle market development for the last 10 years. Presently, Mr. Forrest's work focuses on hydrogen infrastructure planning and development. He also interfaces with Mercedes-Benz F-Cell customers on fueling-related issues. Before joining MBRDNA in 2004, Mr. Forrest earned a MS in transportation technology and policy from the University of California, Davis, and a BS in physics from Central Washington University.

Mayor Bob Foster is a widely-respected business and community leader who was elected as the 27th mayor of Long Beach in June 2006 and re-elected in June 2010. Mayor Foster served as president of Southern California Edison before his retirement in 2006 after more than 20 years with the company. As
Speaker Biographies

an Edison executive, Mayor Foster led California's biggest electric company to develop the largest renewable, clean energy in the United States. Mayor Foster began his career in public service as a staffer in the California State Senate and California Energy Commission where he established statewide energy efficiency standards that are still enforced today. Mayor Foster is active in the US Conference of Mayors. He currently serves as chair of the Mayors Business Council and was elected in 2010 as a member of the Board of Trustees. Governor Schwarzenegger appointed Mayor Foster to the Board of Governors for the California Independent Systems Operators (ISO) in 2010 and reappointed him in 2013. Mayor Foster is a graduate of San Jose State University in public administration. Prior to his election, Mayor Foster served as a trustee to the California State University system and remains active in a number of community and public policy organizations.

Alexander Freitag has been director of diesel system engineering for North America at Robert Bosch since 2010. Within his responsibilities, he also supports US customers in advanced engineering activities. He joined Bosch Germany in 1995 and was transferred to the US to work as an application engineer on Diesel Fuel Injection equipment. In 2000, he moved to the Detroit headquarters managing one of the heavy-duty customer’s application teams. From 2004 to 2007, he worked as a combustion engineer at Bosch in Stuttgart-Feuerbach. Mr. Freitag graduated from the Technische Universitaet in Munich, Germany, specializing in aeronautical engineering. He obtained his MBA from Keller Graduate School of Management in Chicago.

Werner Funk is the chief executive officer and president of Omnitek Engineering Corporation, the manufacturer of a proprietary technology used to convert diesel engines to natural gas (DNG). Omnitek is represented in 12 countries around the world and over 5,000 diesel engines have been converted to natural gas using Omnitek’s technology. Mr. Funk was born and educated in Germany, where he attended Carl-Benz Technical College and graduated with honors, obtaining a bachelor’s degree in automotive technology. He started his career in the automotive industry working at Mercedes-Benz and held a position as assistant crew chief for a Porsche factory-sponsored racing team. After moving to the United States, he started several successful automotive-related companies, including Nology Engineering Inc. in 1994 and Omnitek Engineering Corporation in 2001. He has over 30 years of experience in automotive engineering, specializing in advanced engine design and engine control systems, manufacturing, and international business. Mr. Funk holds six United States Patents.

Joe Gagliano is an infrastructure business development specialist at the California Fuel Cell Partnership (CaFCP). He has over 20 years of experience managing clean technology programs and projects in the government, private, and non-profit sectors. His focus at CaFCP is working with energy, automotive and technology companies to develop and expand hydrogen fueling infrastructure throughout California. He has extensive experience as a consultant and government program manager in the clean technology sector, and has been involved in shaping environmental and energy technology policy.
at the state, regional, and national levels. Mr. Gagliano formerly served as manager of international business development for DMJM International, an engineering services firm in Los Angeles, and director of Calstart's Pasadena clean technology business incubator. Prior to Calstart, Mr. Gagliano was a senior associate with the environmental and energy consulting firm M. J. Bradley & Associates, and was also program manager for New York State's LEV/ZEV program. Mr. Gagliano holds an MA in public policy from the State University of New York at Albany and a bachelor's degree in electrical engineering from Union College in New York.

Anthony Gansle currently serves as a marketing manager at Peterbilt Motors where he leads product and marketing initiatives for on-highway product models. Mr. Gansle's 15 years at Peterbilt Motors includes development projects focused on fuel economy, weight reduction, reliability improvements, and performance improvements related to both medium- and heavy-duty vehicle design, engineering management concentrated in the areas of systems, and interiors development and program manager of Peterbilt's new Model 579 vehicle. Prior to Peterbilt, Mr. Gansle worked five years as quality manager at Sanden International, an automotive HVAC supplier. Mr. Gansle graduated from Texas A&M University where he earned his bachelor's and master's degrees in mechanical engineering.

Paul Gillespie is former president of the San Francisco Taxi Commission and the co-founder of the California Clean Cab Partnership. He was a member of the Taxi Commission from 1999-2009, serving as president from 2006-2009. He was the author of numerous resolutions at the Commission regarding clean taxis, and was the author of the 2008 Green Taxi Ordinance which resulted in the conversion of over 90 percent of the taxi fleet to hybrid or alternative fuel. The California Clean Cab Partnership, formed under the auspices of the California Center for Sustainable Energy, is a statewide coalition of stakeholders including local taxi regulators, taxi fleets, vehicle manufacturers and fleet sales managers, and clean vehicle advocates. Mr. Gillespie has worked in the taxi industry for over 20 years as a driver, public official, and task force member, as well as a clean vehicle fleet analyst. He has given presentations on clean taxis at the Green Drive Expo, the Green California Summit and Expo in Sacramento, and at conventions of the International Association of Transportation Regulators (IATR) and the Taxi, Paratransit, and Limousine Association (TLPA). His work has been featured in the LA Times, HybridCars.com, PlugInCars.com, the Auto Channel, and the Ford Motor Co. social media website.

Cliff Gladstein is the founder and president of Gladstein, Neandross & Associates (GNA). For over 22 years, he has been a leader at the local, state, and national levels in the effort to develop cost-effective policies, programs, and products to reduce pollution from transportation, relieve the nation's dependence on petroleum, and create innovative public-private partnerships to pursue market-based solutions for environmental problems. Mr. Gladstein is the founder of the Interstate Clean Transportation Corridor (ICTC), the nation's first and most successful public-private partnership to accelerate the commercialization of clean alternative fuel vehicles in the interstate movement of goods. He has used his knowledge and experience to develop and implement clean transportation and power generation technology deployment programs and incentive programs. Mr. Gladstein teaches air quality policy at the UCLA Institute of Environment and Sustainability and is an advisor to the University of Southern California's Sustainable Cities Program and Duke University's Nicholas Institute for Environmental Policy Solutions. He is a graduate of Duke University and holds three graduate degrees from the University of Texas, Austin, and the University of California, Los Angeles.

Diego Goldin has served as executive director of NGV Global since February 2013. He is responsible for implementing the association's strategic plan, strengthening member relations, leading member recruitment activities, and overseeing the management of the association. Mr. Goldin commenced his career in the automotive industry after graduating as an electrical engineer from the University of Buenos Aires. He served as technical liaison between Mazda Motor Corp. of Japan and their Argentine distributor and went on to become assistant manager of the technical department. In 1984 he entered Gas del Estado, the Argentine National Gas Company, as part of the team tasked with developing the Argentine compressed natural gas vehicle program. In 1996, Gas del Estado designated Mr. Goldin as the Argentine delegate to the inaugural NGV Global meeting in Vancouver, Canada. As an independent consultant since 1991, Mr. Goldin has assisted several automotive companies including Fiat, General Motors, and IVECO Argentina with their NGV programs. A past secretary of Argentina's national NGV association, the Cámara Argentina de GNC, Mr. Goldin has committed much of his working life to the development and implementation of industry standards for natural gas vehicles, working as technical advisor to organizations in Argentina, Latin America, and around the world.

Gordon Abas Goodarzi is the founder and president of US Hybrid Corporation and also the president of Magmotor Technologies. With over 30 years of EV and HEV experience, he currently directs technology and product development at US Hybrid with a focus on electric and hybrid powertrain design and manufacturing for medium- and heavy-duty commercial and military vehicles as well as fuel cell systems. After his experience as technical director of General Motor’s EV1 program and senior scientist at Hughes Aircraft Company, Dr. Goodarzi co-founded Enova Systems, serving as chief technology officer until 1999. He has directed the development of power converters for Ford, Volvo, Hydrogenics, and UTC Power’s respective fuel cell programs. Dr. Goodarzi’s key areas of experience and expertise include power converters, motors and controllers, energy management systems, and vehicle system controls. He holds a PhD and an MS from University of Missouri, Columbia in power electronics and a BS from California State University, Sacramento in power systems. He has been a registered professional engineer since 1985. Dr. Goodarzi has published noted articles and patents, and has received various professional awards.

Ron Goodman is director of technology solutions at Southern California Gas Company (SoCalGas). He is responsible for leading the research, development, and demonstration of customer’s end use equipment technologies as well as those in the emerging market. Developing and delivering clean energy solutions such as low emission vehicles and biogas conditioning/upgrading is also in Mr. Goodman’s area of organizational responsibility. He has held various positions since joining SoCalGas in 1991, including positions in engineering, field operations, IT, market development. He also supported several new business development efforts in Mexico and Canada. Prior to joining SoCalGas, he held engineering positions in the aerospace industry and at the Southwest Gas Corporation. Mr. Goodman holds a BS in mechanical engineering technology from California Polytechnic State University, San Luis Obispo.
Lee Grannis started the New Haven Clean Cities coalition in 1995, and has served as the coalition's coordinator for the last 17 years. As part of his Clean Cities mission, Mr. Grannis has developed projects and obtained federal and matching funding for compressed natural gas, liquefied natural gas, light-duty electric vehicles, electric transit, hydrogen hybrid, biodiesel, and related outreach project funding. He has provided alternative vehicle and fuel consultation and assistance to many organizations in Connecticut and outside the state, including several towns and cities, metropolitan transit authorities, utilities, community colleges, universities, laboratories, and airports. Mr. Grannis was selected as the Northeast Region Clean Cities Coordinator of the Year in 2004 and 2008 and was inducted into the national Clean Cities Hall of Fame in 2012. Mr. Grannis retired after 23 years as a lieutenant colonel infantry from the US Army. He held several combat and logistical positions, which included two combat tours in Vietnam. He attended several military schools and is a graduate of the US Army Command and General Staff College. Mr. Grannis has a BA from Eastern Kentucky University in political science and a MA in public administration from Central Michigan University.

Will Gutilla is a new member of the A-1 Alternative Fuel Systems team, but not an unfamiliar face. A native of Fresno, California, Mr. Gutilla grew up around the business and was exposed to it at a young age. He graduated in 2013 from the University of Southern California’s Marshall School of Business with a degree in finance while also picking up experience in the sales world through various internships. During his senior year, Mr. Gutilla interned under A-1’s Southern California representative and decided to become full-time upon graduation. He now serves as A-1’s sales manager as he approaches his one-year anniversary with the company.

Greg Haddow, clean transportation manager at the San Diego Gas & Electric Company, leads the company’s efforts in developing on-road and non-road electric transportation services for its residential and business customers. Mr. Haddow has spent over 33 years serving various leadership roles in utility and non-utility energy businesses where he played a key role in the growth of energy efficiency programs and clean transportation in California. He serves on the board of directors of the California Electric Transportation Coalition (CalETC) and is a member of the California Plug-in Electric Vehicle Collaborative.

Jeff Hall is business development manager at IMPCO Automotive. He began his automotive career in the mid-1990s and since then he has been involved in many aspects of the automotive industry. In the last five years, Mr. Hall’s focus has been on developing alternative fuel systems and products for the United States market. He has been deeply integrated in the launch of OEM and aftermarket alternative fuel programs in roles ranging from engineering manager to program management. More recently, Mr. Hall has transitioned to business development with the primary focus of growing the alternative fuels market.

Scott Hartman, heads Shell’s North American LNG downstream technology program in Houston, Texas. Dr. Hartman started his scientific career at pharmaceutical giant GlaxoSmithKline where he helped develop a range of products.
blockbuster drugs. Later in his career he worked as a strategy consultant in his hometown of London, England, delivering multiple projects for a host of Fortune 100 energy and technology companies. Dr. Hartman joined Shell in 2007 and since then has worked within many businesses including aviation, marine, commercial fuels, and specialized operations throughout Europe and the US. Dr. Hartman studied chemistry at the University of Oxford and holds a doctorate in organic chemistry.

Mary Hazell is officer of Sustainable Operations & Climate Change (SOCC) for the National Park Service’s (NPS) Park Facility Management Division (PFMD). She is currently working on the Green Parks Plan Implementation and Clean Cities Coordination for the NPS. Ms. Hazell has spent 25 years with the NPS, including early work as an on-site construction project supervisor at Hot Springs (Alaska), Bryce Canyon (Utah), and Jean Lafitte National Historical Park (Louisiana). She was project manager in Denver, Colorado for Mount Rushmore (South Dakota) and the Hubbell Trading Post (New Mexico), as well as plans coordinator in Santa Fe, New Mexico at the NPS’s Southwest Regional Office. For seven years, Ms. Hazell lived and worked in Yosemite National Park (California), as construction program manager for concessions projects and after as project manager for flood recovery projects, before being promoted to deputy manager of project management for the Flood Recovery office. In 2002, she transferred to Washington, DC, to work in the PMFD to assist with the NPS Asset Management and portfolio reform efforts. In 2010, Ms. Hazell began working for the SOCC office on sustainability efforts, including her current work on the Green Parks Plan and agreement with DOE Clean Cities.

Yusuke Hirase joined Tokyo Gas in 1986. Previously, he worked for the natural gas vehicle department of Tokyo Gas from 1991 to 2006. During this period, he engaged in the development of CNG vehicles with automotive manufacturers, the construction of CNG refueling stations, and various other NGV promotion activities. He was a member of IGU study group, where he promoted the use of NGVs from 2001 to 2003. From 2006 to 2009, he was the chief representative of the Asia Pacific Regional Office of Tokyo Gas in Kuala Lumpur, Malaysia. In 2012, he was appointed as the general manager of NGV department of the Japan Gas Association. His main tasks are to promote the use of NGVs in Japan in partnership with gas utilities, vehicle manufacturers, and other stake-holders. Mr. Hirase holds a master’s in mechanical engineering from Tohoku University, Japan.

Henry Hogo is the assistant deputy executive officer for the Mobile Source Division in the Office of Science and Technology Advancement at the South Coast Air Quality Management District (SCAQMD). Mr. Hogo received a BS degree in chemistry from the University of California, Berkeley and has been working in the air pollution field for over 38 years. In his current position, Mr. Hogo is responsible for the implementation of the District’s Clean Fleet Vehicle Rules, development of the mobile source strategies for the SCAQMD’s air quality management plans, analysis of mobile source emissions impacts on air quality, and providing input on California and national mobile source regulations. Mr. Hogo had previously been responsible for the development of State Implementation Plans for the Los Angeles area including the preparation of emissions inventories and air quality modeling for ozone and particulate matter.

Kevin Holland is currently responsible for Freightliner natural gas sales in the Eastern United States and Canada for Daimler Trucks North America (DTNA). He became interested in the natural gas vehicular market during his prior role as senior manager of service training after he was tasked with natural gas service readiness for DTNA. Mr. Holland thoroughly enjoyed working in this emerging market and decided that after nine years in service, it was time for a change. He joined the DTNA Natural Gas Sales team in August of 2013. Mr. Holland is a graduate of Central Michigan University and has over 20 years of experience in sales, marketing, finance, parts, and service in the heavy-duty and automotive OEM and aftersales channels. He joined Daimler in 2002 after working for Federal-Mogul, Volkswagen of America, and Corcentric.

Travis Homer is the director of safety and loss prevention for the west region of Ryder System, Inc. In his current role, Mr. Homer is responsible for the occupational health and safety of more than 2,500 employees in over 200 locations, as well as the creation, implementation, and sustainment of various corporate safety and health initiatives. Mr. Homer serves as the safety representative on Ryder’s Advanced Fuel Council, where he has developed policies, procedures, and training for safe maintenance and operation of advanced fueled vehicles. In addition, Mr. Homer oversees the creation and implementation of internal safety standards, processes, and oversight best practices for engineering and design of natural gas-ready maintenance facilities. Mr. Homer works closely with motor carriers; contractors; engineering firms; local, state, and federal authorities on the subject of code interpretation, and user training, emergency preparedness, and industry best practices. Mr. Homer has an undergraduate degree in safety sciences from Indiana University of Pennsylvania and is currently pursuing a Master of Public Health in occupational health and safety management from Tulane University. In 2012, Mr. Homer received his Certified Safety Professional (CSP) designation from the Board of Certified Safety Professionals and Lean Six Sigma designation from Villanova University.

Roy Horton is the powertrain product marketing manager for Mack Trucks. Today, Mack is one of North America’s largest producers of heavy-duty trucks, which are sold and serviced through an extensive distribution network in more than 45 countries. Mr. Horton has managed alternative fuel and driveline planning, strategy, and commercialization since 2010 and leads Mack’s natural gas implementation in the North American market. He has 20 years of experience in the transportation industry, and has held various roles involving product development, product planning, marketing, and segmentation management. Mr. Horton is a graduate of North Carolina State University, earning a bachelor’s degree in mechanical engineering.

Thomas Howard is transportation systems manager with Veritable Vegetable. He has worked in the truck transportation industry for nearly 40 years and has always wanted to manage an eco-friendly, fuel-efficient fleet of vehicles. Veritable Vegetable gave him that opportunity five years ago and hybrid vehicles have played an important part of reaching that goal. This technology hasn’t been without challenges but very good vendor support has helped resolve early issues. With four years of experience at Veritable Vegetable, hybrid vehicles have proven to be reliable and fuel efficient.

Kenneth Jack is currently the vice president of fleet operations for Verizon Communications. His team of over 750 employees and contractors oversee policy and all life-cycle activities associated with over 50,000 pieces of equipment owned by Verizon Communications and its subsidiaries throughout the United States and Canada for Daimler Trucks North America (DTNA).
the United States. His responsibilities also include achieving sustainability targets for the company’s mobile fleet and the integration of new technologies and driving significant process improvements aimed at improving shareholder-value and operational excellence at over 350 maintenance facilities in across the country. Mr. Jack was previously general manager of transportation operations for Consolidated Edison of New York as well as Orange & Rockland Utilities. He has held positions of increasing responsibility throughout his career in the public-utility sector. He is a graduate of both Con Edison’s management-trainee program and Business Academy XII. Mr. Jack holds a BS in mechanical engineering from Polytechnic Institute of NYU and an MBA from Columbia University Business School. Mr. Jack holds a BS in mechanical engineering from Polytechnic Institute of NYU and an MBA from Columbia University Business School. He holds certificates in the maintenance and design of utility systems from both Siemens and PSE and received training through Con Edison, FEMA, and NYCOEM in emergency management and was intimately involved with 9/11 recovery and other disasters in the NY area.

Matt Jarmuz serves as the director of sales for Odyne Systems (Odyne). Odyne, a clean technology company, develops and sells hybrid systems for medium- and heavy-duty trucks. With over 10 years of experience within the truck industry, Mr. Jarmuz has held a variety of positions at Odyne within the engineering and marketing fields. He worked to develop the utility plug-in hybrid system that is currently on the market and being deployed throughout North America. Mr. Jarmuz obtained a BS in mechanical engineering from Arizona State University in 2001 and an MBA from Marquette University in 2004.

Lyle Jensen is the president and chief executive officer of American Power Group (APG). His business career spans over 30 years of profit and loss responsibility, which has included operational turnarounds, entrepreneurial start-ups, and M&A activities all driven towards creating shareholder value in both public and private company settings. Under Mr. Jensen’s vision, APG’s original patented dual-fuel engine technology was taken to Detroit where a group of the best engine calibration and emissions engineers in the industry developed a digital turbocharged natural gas software system capable of meeting today’s safety, reliability, and emissions criteria for both on-road and off-road dual-fuel applications. As a result, APG is the market leader in dual fuel technology and has achieved over 449 EPA vehicular engine family approvals and is experiencing significant growth in the vehicular, industrial, and oil & gas dual-fuel markets, with new inquiries coming from the mining, marine, and rail industries. Mr. Jensen will discuss how the adoption of APG’s dual fuel natural gas conversions and APG’s dual fuel gliders are evolving into a mainstream alternative fuel savings solution for many heavy-duty fleet owners.

Joe Jobe is the chief executive officer for the National Biodiesel Board (NBB), the comprehensive national trade association for the biodiesel industry in the US. NBB leads biodiesel research, public policy development, communications and education, international trade, and more. NBB expanded its membership in 2013 to include renewable diesel companies to represent the entire biomass-based diesel category of the Renewable Fuel Standard. Mr. Jobe has been with NBB since 1997, and has been chief executive officer since 2001.
officer since January 1999. He has helped lead the industry growth from approximately 200,000 gallons in 1999 to almost 2 billion gallons in 2013 from over 200 plants nationwide. Mr. Jobe is a recognized leader, author, and international speaker on renewable energy. He has published articles or been interviewed in many national publications including TIME, Forbes, the Wall Street Journal, the New York Times, and the Washington Post. He has appeared on national broadcasts including the Today Show, the History Channel, the Discovery Channel, PBS, CSPAN, Fox News, CNN, Sirius XM radio, and Jay Leno’s Garage. Prior to joining the National Biodiesel Board, Mr. Jobe was a fraud investigator for the Missouri Attorney General’s Office. He holds professional certifications as a certified public accountant and a certified association executive.

Enid Joffe is a senior vice president at the Galileo Group. Galileo is a world leader in technology development and products for the CNG Industry with activities in more than 65 countries around the world. The company has developed many cutting edge technological innovations currently in use in very high profile projects, including the largest CNG station in the world in Madrid, Spain. Ms. Joffe has more than 20 years of experience in the alternative transportation industry.

Mark Karney has been director of alternate energy vehicles and specialty vehicle manufacturers for General Motors (GM) Fleet and Commercial Operations since 2011. In his current role, Mr. Karney is responsible for sales and support for GM’s alternate energy vehicles in addition to running GM’s specialty vehicle manufacturer operation. In his prior role as marketing director for GM’s Fleet and Commercial Operations, Mr. Karney was responsible for the marketing and advertising programs targeting a broad range of fleet and commercial customers in the US. In addition, he ran GM’s medium-duty truck operation until it was discontinued in the summer of 2009. Mr. Karney has held numerous other positions in his 37 years with GM, including a variety of positions in the Buick field sales organization. Following his field sales assignments, Mr. Karney worked in brand management at Buick from 1996-1999. In 1999 Mr. Karney was named director of sales planning and model option forecasting for GM. Subsequent assignments included director of order fulfillment operations for the truck product group, and director of forecasting and customer support. Mr. Karney earned his bachelor’s degree in business administration from General Motors Institute in 1982 and his master’s degree in business administration from Oakland University in 1992.

Rich Kassel, senior vice president at Gladstein, Neandross & Associates (GNA), is an internationally recognized expert on transportation, air pollution, clean energy, and climate change policy. In 2013 alone, he was awarded the “Leadership in Action” Award from the New York City Environmental Law Leadership Institute and the “20 Years of Leadership” Award from the Tri-State Transportation Campaign. He works with companies, government agencies, and non-profit organizations to develop projects and policies that reduce transportation emissions. Prior to joining GNA, Mr. Kassel was a senior attorney with the Natural Resources Defense Council (NRDC) for more than 20 years, where he directed the Clean Fuels and Vehicles project. He is chair of the Tri-State Transportation Campaign (part of the Advisory Committee for Transportation Alternatives), former co-chair of the Port authority of New York and New Jersey Truck replacement Program Work Group, working group member of the Climate and Clean Air Coalition to Reduce Short-Lived Climate Pollutants, and a participant in many other organizations. Mr. Kassel received his JD from New York University and his AB in history from Brown University. He speaks frequently on a wide range of diesel, gasoline, alternative fuel, and advanced technology vehicle issues.

Dick Kauling is currently the engineering manager for gaseous fuel systems as part of General Motors’ (GM) engineering organization, located in Oshawa, Ontario, Canada. He is actively working on and supporting many of GM’s global compressed natural gas (CNG) and liquid petroleum gas (LPG) applications including those currently in the United States. Mr. Kauling was previously responsible for managing all vehicle electrical and controls activity as part of GM’s Canadian Regional Engineering Centre (CREC) as well as overseeing CRECs Pre-production, CAE, Test/Validation Laboratory, and Kapuskasing Cold Weather Development Centre activities. During that time period, he was actively involved in ensuring the successful Oshawa assembly of the 100 Chevrolet Equinox Fuel Cell vehicles as part of GM’s Project Driveway program. He was also responsible for the overall design and engineering execution for all North American CNG and LPG vehicle programs for vehicles sold from 1997 to 2006 and has extensive experience in chassis and powetrain design integration and production launch. He started his 33 year career at GM as an engine calibration and development engineer working on various engine and vehicle programs. Mr. Kauling earned his Bachelor of Applied Science in mechanical engineering from the University of Waterloo in 1983.

Alex Keros is a manager at General Motors (GM) working on advanced vehicle and infrastructure policy. He is responsible for a broad range of policy considerations and technical support for GM’s advanced vehicle portfolio and their associated alternative fuel infrastructure, such as the Chevrolet Volt & Spark EV, Cadillac ELR, Bi-Fuel Chevrolet Silverado/GMC Sierra Trucks, and Chevrolet Express/GMC Savana CNG Vans. He has led technical reviews of various fueling technologies and engages regulatory agencies on the benefits and challenges of new vehicle commercialization. He has led the design, permitting, installation, and operation of hydrogen and electric charging stations in multiple regions. Most recently, Mr. Keros has been working closely with key stakeholders—including automakers, utilities, suppliers, regulators, local officials, and advocates—to accelerate the adoption of alternative-fueled vehicles. He works with forums such as the California Fuel Cell Partnership and Drive Oregon to create sustainable market strategies. Mr. Keros began his career in environmental consulting where he managed the assessment and remediation of hazardous waste sites. He has extensive experience in environmental policy design and implementation. Mr. Keros earned a BS in natural resource management and an MBA from the University of Michigan in Ann Arbor.

Fazal Ali Khan currently holds the position of CNG development manager with Emirates Gas, a member of the Emirates National Oil Company (ENOC) Group, a wholly owned company of the Government of Dubai. He previously worked with LMF Middle East (Leobersdorfer Maschinen Fabrik) of Austria as area sales manager looking after sales and service of LMF products in the Middle East, Asia, and South East Asia from their operational base in Dubai, United Arab Emirates. Mr. Khan has been at the forefront of CNG/NGV developments in the region, having been designated as vice president of the Asia Pacific Natural Gas Vehicle Association (ANGVA) since 2003, and currently is the chairman of the ANGVA Safety Advisory Panel (ASAP) whose primary objective is to investigate and analyze CNG/NGV-related incidents and accidents in the
Speaker Biographies

Asia Pacific Region and provide safety advice and recommendations based on what is learned from these investigations to further enhance safety of the industry in the region. He has earned qualifications from Association of Overseas Technical Scholarship (AOTS) Japan in Automotive Engineering and Alternative Fuel Technology from New Zealand.

Bob Kidder is director of fleet, facility and maintenance at Sysco Food Services. Mr. Bob Kidder oversees the maintenance of Sysco's recently completed Riverside facility, which features a state-of-the-art LNG station and hydrogen fueling capabilities. He also manages the facility's entire heavy-duty fleet. Mr. Kidder is responsible for equipment budgeting, regulatory compliance, and supervising mechanics and drivers to assure proper equipment maintenance. He manages the continued upkeep and maintenance of each of the company's trucks and trailers. Mr. Kidder brings nearly 30 years of technical and management experience, including direct experience with alternative fuel technology while serving in the United States military.

Nina Kisch is a fleet administration manager in the Transportation Services department at PG&E. She is currently responsible for communication, training, and change management for the department as well as industry outreach on alternative fuels and vehicle electrification. The Transportation Services department is responsible for a fleet of nearly 15,000 units including more than 3,300 alternative fuel and high efficiency vehicles. Ms. Kisch has worked in the Transportation Services department for the last eight years and the utility industry for 13 years. She has given presentations on fleet topics in a variety of settings including the Electric Utility Fleet Managers Conference, the Edison Electric Institute, and the Western Energy Institute.

Jack Kitowski is the assistant chief of the Stationary Source Division for the California Air Resources Board (ARB). He is responsible for ARB’s fuels programs, including the Low Carbon Fuel Standard (LCFS) and gasoline and diesel fuel specifications, as well as oil and gas production. He is also responsible for leading ARB’s efforts to develop and implement a zero/near-zero-emission freight system to meet California’s long-term community health, ambient air quality, and climate change goals and standards. Mr. Kitowski has over 20 years of regulatory, research, testing, and planning experience with the Air Resources Board. He is a graduate of University of California, Los Angeles with a degree in chemical engineering and is a registered professional engineer.

Richard Kolodziej is president of the NGVAmerica (formerly the Natural Gas Vehicle Coalition), a national organization dedicated to the development of a growing, sustainable and profitable market for vehicles powered by natural gas and biomethane. Prior to joining the NGVAmerica in 1996, Mr. Kolodziej was group vice president of the American Gas Association where he held a number of senior positions including vice president of planning, vice president of communications, and senior vice president of marketing and communications. Mr. Kolodziej serves on committees of a number of

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Jennifer Kurtz manages the Hydrogen Analysis group at the National Renewable Energy Laboratory, which includes hydrogen and fuel cell activities in technology validation, safety, codes and standards, market transformation, and analysis modeling. Prior to joining NREL in 2007, Ms. Kurtz worked for six years at UTC Power primarily in fuel cell system design and components. Ms. Kurtz received her master's degree in mechanical engineering from Georgia Tech and her bachelor's degree in physics from Wartburg College.

Scott Lavery is the UPS West Region vice president of automotive engineering/fleet maintenance and operations. He has held various positions across different parts of the country in his 30 years with UPS. Mr. Lavery has been in the fleet maintenance industry for over 39 years, and has been involved with CNG vehicles since the early 1990s and more recently various other types of alternative fuel vehicles. The UPS West Region—which encompasses the US from Illinois west—operates over 35,000 pieces of onboard equipment daily including the familiar brown delivery trucks (package cars) and over-the-road combination vehicles, traveling about four million miles daily. The UPS alternative fuel fleet in the West Region includes CNG, LNG, hybrid electric, hydraulic hybrid, and electric vehicles. CNG and LNG package fleets are operated and maintained in the states of Texas, Oklahoma, Colorado, Nevada, Utah, Arizona, and California in the UPS West Region. The West Region UPS LNG and CNG class 8 tractor fleet is currently operating in California, Texas, Arizona, Nevada, and Utah.

Billy Lawder is currently the director of transportation engineering for Anheuser-Busch InBev’s (AB InBev) North American zone based in St. Louis, Missouri. He is responsible for leading transportation-focused cost optimization, quality improvement, and Better World innovations for the zone’s nearly one million annual shipments between 13 breweries, four warehouses, and 700+ wholesalers. Before joining AB InBev in 2013, Mr. Lawder was the director of engineering at 3PD, the world’s largest heavy goods final-mile provider, focused on sales engineering and network optimization. Prior to 3PD, he implemented a major load reduction initiative at Simmons Bedding Company and held numerous transportation and asset protection positions over five and a half years at Home Depot. Mr. Lawder received his bachelor’s degree in industrial engineering from Georgia Tech, his MBA from Kennesaw State University, and is a certified Project Management Professional (PMP).

Michael Lengyel is a senior management analyst with the City of Chula Vista’s Public Works Department. In this role, he oversees the budget for the Public Works Operations Division, which includes the City’s fleet operations. Mr. Lengyel is a member of the City’s Green Team and a liaison to the Climate Change Working Group. Mr. Lengyel has an MBA in finance and a Master of Science in accounting from San Diego State University and is a certified public accountant. He previously worked for the City of San Diego and in that role helped finance a plant expansion for New Leaf Biofuel, a local producer of biodiesel generated from waste cooking oil collected from area restaurants. He has worked in local government for nearly 15 years.

Jon Leonard is senior vice president at Gladstein, Neandross & Associates (GNA). He has more than 30 years of experience developing, demonstrating, and testing advanced-technology vehicles and alternative fuels that provide low or zero-emissions. Before joining GNA, Mr. Leonard spent 15 years as the director of TIAX’s Transportation and Energy Group, where he managed many programs to reduce mobile source emissions. He also spent nearly 10 years in the Technology Advancement Office of the South Coast Air Quality Management District, serving as AQMD’s lead technical staff for RD&D projects involving battery-electric and fuel cell technologies. Mr. Leonard began his career as manager of American Suzuki Motor Corporation’s US emissions testing laboratory. He holds a Master of Science in environmental studies from California State University, Fullerton.

Mike Lewis is one of the leading developers of alternative fuel infrastructure in the country. He was the project manager for the Regional Transportation Center in San Diego, California, the nation’s first alternative fuel vehicle center. The Center opened in 2003 and featured an alternative fuel station named Pearson Fuels, a new car showroom for alternative fuel vehicles, a repair and conversion shop for the vehicles and an Eco Center educational program. Under Mr. Lewis’s leadership, Pearson Fuels has gone on to help many retail gas station owners enter the alternative fuel industry. Pearson assists them financially to install CNG into their existing gas stations. Pearson has used this business model as a stepping stone to becoming a large CNG wholesale distributor in California. More recently, as the general manager of Pearson Fuels, Mr. Lewis developed two biodiesel blending facilities and has many CNG stations in different stages of development. He is also proud of the fact that after many years of efforts Pearson just completed their first retail hydrogen agreement where hydrogen is expected to be dispensed within the next year.

Chad Lindholm is vice president of the Western United States and Canada for Clean Energy Fuels, where he oversees the sales, marketing, and business development efforts in these regions. He directs key infrastructure development and fuel programs to support fleets in the trucking sector as they transition to natural gas-powered vehicles. In addition, Mr. Lindholm leads a team of business development professionals who are responsible for fostering partnerships with Clean Energy’s target customer base. Since joining Clean Energy in 2003, Mr. Lindholm has been actively involved in every market the company serves including the refuse, transit, and airport sectors. Over the past 11 years, the company has grown from 30 employees to over 1,000, with revenues of $334 million, and a network of CNG and LNG fueling facilities that now exceeds 500 sites. Mr. Lindholm graduated from Loyola Marymount University as a scholar athlete with a business degree in finance.

Andrew Littlefair is president and chief executive officer of Clean Energy Fuels Corp. and serves on the board of directors of the company. For eight years, Mr. Littlefair served as chairman of NGVAmerica, based in Washington, DC, a national organization dedicated to the development of a sustainable and profitable market for vehicles powered by natural gas. In 2004, Mr. Littlefair was named an NGV Champion by the International Association of Natural Gas Vehicles (IANGV), reflecting his contributions to the growing energy and alternative fuel vehicle organizations. He is the president of the International Association of Natural Gas Vehicles, president of the American Biogas Alliance and a member of the Alternative Fuels Committee of the Transportation Research Board. He also serves on the Board of Governors of the National Energy Foundation and is vice-chair of the National Center for Missing and Exploited Children. Mr. Kolodziej holds a bachelor's degree in economics from Rutgers University and a master’s degree in urban and regional planning from the University of California, Los Angeles.
industry. Previously, Mr. Littlefair served as president of Pickens Fuel Corp (PFC), predecessor company of Clean Energy, which he co-founded in 1997 with Boone Pickens. Earlier, Mr. Littlefair served as vice president of public affairs at MESA Inc., one of America’s largest independent producers of natural gas. Before joining MESA in 1987, Mr. Littlefair was a staff assistant to President Ronald Reagan in the White House. He is a member of the board of directors of Plains Capital Bank, Dallas, Texas; the board of trustees of the Ronald Reagan Presidential Foundation; the board of councilors, School of Letters, Arts and Sciences, University of Southern California (USC); and the board of advisors, Wrigley Environmental Sciences, USC.

Alan Lloyd served as the president of the International Council on Clean Transportation from 2006 to 2013, and is currently president emeritus and an active board member. He served as the secretary of the California Environmental Protection Agency from 2004 through February 2006 and as the Chairman of the California Air Resources Board from 1999 to 2004. Prior to joining CARB, Dr. Lloyd was the executive director of the Energy and Environmental Engineering Center for the Desert Research Institute at the University and Community College System of Nevada, Reno, and the chief scientist at the South Coast Air Quality Management District from 1988 to 1996. Dr. Lloyd’s work focuses on the viable future of advanced technology and renewable fuels, with attention to urban air quality issues and global climate change. Dr. Lloyd was the 2003 chairman of the California Fuel Cell Partnership, a co-founder of the California Stationary Fuel Cell collaborative, and member and prior co-Chairman of the US Department of Energy, Hydrogen and Fuel Cell Technical Advisory Committee (HTAC). Dr. Lloyd earned both his BS in chemistry and PhD in gas kinetics at the University College of Wales, Aberystwyth, UK.

Edward Lovelace is chief technology officer of XL Hybrids. Dr. Lovelace has 25 years of leadership experience in electric power conversion technology and product development for hybrid/electric powertrain and electric power generation applications. Formerly chief technology officer and executive vice president of engineering at Free Flow Power, a renewable generation project development company focused on hydropower, he led the development of a hydrokinetic turbine system that generated energy from the Mississippi River currents. Previously, Dr. Lovelace was director of engineering development at Satcon, a leading US alternative energy electric power conversion company, and prior to that was with the General Electric aircraft engine business. He was a DOT/FHWA Eisenhower Doctoral Fellow for the MIT-Industry Consortium on Advanced Automotive Electrical/Electronic Components and Systems. He has a BS and an MS in mechanical engineering, and an MS and doctorate in electrical engineering from MIT.

Robert Lutz is president and chief executive officer of Lutz Communications, counting among its clients General Motors Company (GM) from which he retired May 1, 2010. Mr. Lutz began his automotive career at GM, where he held a variety of senior sales and marketing positions in Europe. He later served as executive vice president of global sales and marketing at BMW in Munich, and...
Andy Marsh joined Plug Power as president and chief executive officer in April 2008. Mr. Marsh plans and directs all aspects of the organization's policies and objectives. He is focused on building a company that continues to leverage Plug Power's combination of technological expertise, talented people and focus on sales growth to position the Company as a leader in the future alternative energy economy. Previously, Mr. Marsh was a co-founder of Valere Power, where he served as chief executive officer and board member from the Company's inception in 2001 through its sale to Eltek ASA in 2007. Under his leadership, Valere grew into a profitable global operation with over 200 employees and $90 million in revenues derived from the sale of DC power products to the telecommunications sector. Prior to founding Valere, he spent almost 18 years with Lucent Bell Laboratories in a variety of sales and technical management positions. Mr. Marsh is a member of the Board of Directors for the California Hydrogen Business Council, a non-profit group comprised of organizations and individuals involved in the business of hydrogen. He holds a BSEE from Temple University, an MSEE from Duke University, and an MBA from SMU.

Jorge Mathuiy is commercial director of MAT SA, a high pressure cylinder manufacturer in Brazil. Previously he was an export manager for Proton Primus, general sales and marketing manager at Kelson's SA Industria e Comercio, and export manager at Muller SA Industria e Comercio. He received his bachelor's degree in geology from the Federal University of Rio de Janeiro and an MBA in marketing from the School of Higher Education in Advertising and Marketing in Brazil.

Alan McEwan is the director of business development at New Eagle Consulting, a control system solutions supplier to many companies in the alternative powertrain business and other mobile industries. Mr. McEwan is an experienced automotive executive with almost 30 years of experience in the industry. His career started in the UK as a calibration engineer on gasoline engines. From this start he transitioned to complete engine development (for Ford of Europe, while at Cosworth) followed by an extended time period in the component supply side of the industry, with engine components to both light-duty and heavy-duty customers. From the supply of CNG pistons to Cummins in the late 90s to the control systems supplied by New Eagle today, Mr. McEwan has been involved in numerous alternative fuel projects—in both natural gas and propane—for OEM and aftermarket products.

Mike McGarry is the fleet product planning manager and green fleet support for the GM Fleet and Commercial Team. Mr. McGarry supports the commercial product director and manages the Fleet Product Portfolio Planning process to drive timely, consistent fleet inputs into fleet product business cases. He also supports the Fleet and Commercial Organization to grow alternative energy vehicle sales with new and existing customers. Products include compressed natural gas (CNG) and liquefied petroleum gas (LPG) vehicles, E85 flex fuel vehicles, biodiesel vehicles, advanced hybrids, and battery electric vehicles. Prior to joining Fleet and Commercial in 2006, Mr. McGarry held various sales and service management assignments in the GM Regional and National Sales, Service, and Marketing organizations. Mr. McGarry received his BS from John Carroll University in 1982, with a major in business management.

Susan McSherry is a program manager at the New York City Department of Transportation (DOT), Division of Traffic & Planning. Her responsibilities encompass all facets of grant program planning, development, and management

Lorenzo Maggioni is head of Research and Development for the Italian BioGas Consortium, the first voluntary group that connects manufacturers of biogas from renewable sources (mainly agricultural biomass), business and industrial companies supplying equipment and technology, and bodies and institutions that contribute to this industry. Dr. Maggioni is a member of the Working Groups “Research, Development and Statistical Surveys” launched by the Italian Ministry of Agriculture and “Biomethane” launched by the Italian Gas Committee. The latter supports the European Technical Committee CEN/TC 408 in the definition of specifications for biomethane injection in the natural gas network and for its use in transport. Dr. Maggioni participates in national and regional research projects on biogas and on biomethane and is the Italian delegate at the European Green Gas Grids project which is co-funded by the Intelligent Energy for Europe (IEE) program. This project aims to boost the biomethane market in both forerunner and starter countries in Europe and establish a cross-border market. As an agronomist, Dr. Maggioni worked for one of the most important Italian agricultural trade unions, developing projects related to renewable energy. Dr. Maggioni has a PhD in agrarian ecology from the University of Milan.

Kersey Manlicic is currently an environmental engineering doctoral student in the Advanced Power and Energy Program at the University of California, Irvine, conducting research on hydrogen refueling infrastructure to enable the commercial deployment of zero-emission fuel cell electric vehicles. He graduated from UCI in 2011 with degrees in mechanical engineering and materials science. Prior to his graduate studies, his undergraduate research work encompassed an energy and greenhouse gas life-cycle assessment of various transportation fuels.
for DOT in the area of alternative fuels and clean vehicle programs, including the Hunts Point Clean Trucks Program in partnership with Tetra Tech, GNA, and ISR. She holds a Masters in Urban Planning (MUP) from Hunter College.

**David Meisel** is senior director of transportation services for Pacific Gas and Electric Company (PG&E), where he leads PG&E’s Transportation Services organization and its more than 433 employees. His responsibilities include garage operations at 68 locations, fleet acquisition and disposition, fleet engineering, aircraft & helicopter operations, DOT regulatory compliance and the fleet information technology organization. With over 14,000 vehicles, PG&E currently operates the largest alternative fuel fleet in the utility industry and one of the largest in the country, including CNG, LNG, hydrogen, and electric based vehicles including hybrids, PHEVs, and EVs. Mr. Meisel has more than 35 years of fleet and logistics experience and has held a variety of fleet management roles, including positions with regional, divisional, and national responsibilities. In addition to being a certified diesel mechanic, Mr. Meisel holds a BS in business administration from Central Michigan University and an MBA from Indiana Wesleyan University. Mr. Meisel is a member of the National Association of Fleet Administrators, the Technology & Maintenance Council, and the Society of Automotive Engineers. He serves on the advisory boards for both the University of California’s Integrated Transportation Studies department at Davis and the statewide California Community College’s Advanced Transportation Technologies organization.

**Margo Melendez** is the Transportation Market Transformation Group manager, specializing in advanced transportation at the National Renewable Energy Laboratory (NREL). In this capacity, Ms. Melendez develops, leads, and executes projects that reduce the use of petroleum in transportation, as well as leading staff who work on projects that advance emerging transportation technologies in the market. Since joining NREL in 1999, she has worked on a variety of issues related to the transition of the transportation sector to alternative fuels and advanced technologies on a wide range of topics including EPAct regulatory incentives, consumer education and outreach, engine and infrastructure technology research, and alternative fuel and hydrogen transition analysis. Prior to working at NREL, Ms. Melendez worked in environmental compliance and regulatory affairs at Ford Motor Company. She holds a BS in mechanical engineering from the University of Iowa and an MS in engineering management from the University of Michigan.

**Flavio Merigo** is the technical director of NGV Italy and a member of many national technical committees dealing with the standardization of the NGV sector. He has a degree in electrical engineering and has been working on matters pertaining to the natural gas industry since 1983. In the past 10 years, he has gained significant experience in natural gas standardization activities as chairman of various ISO and CEN working groups. Presently, he is chairman of ISO TC 22/SC 25. He is also involved in regulation activities on both the national and international level. He has published many scientific articles on natural gas standardization in a variety of trade journals.
Ms. Milner’s leadership, industry is collaborating with the Government of Alicia Milner, utility vehicle distributorship headquartered in Phoenix, Arizona. a Gladstone Investment company operating a full-service truck, bus, and specialized fleet consultancy firm based in Chicago, and Auto Safety House, operations. He holds several board of director positions including FleetLogik, Central, and South America—and has recently returned as head of fleet operations. His prior experience in leading both international and domestic efforts for public, private, and municipal enterprises includes the role of senior vice president of fleet operations for National Express, a leading provider of transportation services. Mr. Middleton’s primary focus is on maximizing performance through promoting the safest work place possible while increasing operational efficiency. In the past 12 months, he has reorganized operations and introduced lean process management into his organization resulting in a 15 percent budget reduction.

John Mikulin is an environmental protection specialist in the United States Environmental Protection Agency (US EPA), Region 9 Clean Energy & Climate Change Office located in San Francisco, California, working on efforts to reduce emissions from mobile sources of air pollution in the western US. Mr. Mikulin’s current projects include: Diesel Emissions Reduction Act (DERA) implementation, West Coast Collaborative (WCC) stakeholder outreach and DERA grant project oversight, Clean Air Technology Initiative (CATI) coordination, coordination of regional electric vehicle deployment, assistance with regional biogas deployment, diesel emissions reduction technology cost-benefit assessment, and National Environmental Policy Act (NEPA) review. Prior to joining US EPA, Mr. Mikulin worked for the California Council for Environmental & Economic Balance (CCEEB) as project manager of the California Environmental Dialogue (CED), an environmental policy collaborative comprised of California businesses, environmental non-governmental organizations (NGOs), and government agencies. Mr. Mikulin holds a BA in political science and public service from the University of California, Santa Barbara and a Master of Public Policy degree from the University of California, Berkeley.

Greg Miller is a well-respected leader in the transportation, automotive, and fleet industries. Having served in executive positions for top-tier transportation and fleet organizations, he has developed a deep understanding of the complexities that drive these industries and an unquestionable record of delivering highly successful and cost-effective results for shareholders and clients. His prior experience in leading both international and domestic efforts for public, private, and municipal enterprises includes the role of senior vice president of fleet operations for National Express, a leading provider of student transportation operating more than 17,000 vehicles across North America. Mr. Miller was responsible for developing global fleet excellence for DHL Express—managing more than 30,000 vehicles throughout North, Central, and South America—and has recently returned as head of fleet operations. He holds several board of director positions including FleetLogik, a specialized fleet consultancy firm based in Chicago, and Auto Safety House, a Gladstone Investment company operating a full-service truck, bus, and utility vehicle distributorship headquartered in Phoenix, Arizona.

Alicia Milner leads the Canadian Natural Gas Vehicle Alliance. Under Ms. Milner’s leadership, industry is collaborating with the Government of Canada on two major initiatives—the “Natural Gas Use in the Canadian Transportation Sector – Deployment Roadmap” and the “Marine LNG project,” both of which aim to identify and address barriers to greater natural gas use in Canada’s transportation sector. A graduate of the University of Waterloo and the University of Western Ontario, Ms. Milner has holds a BA and an MBA. She also serves as the chair of NGV Global, the international association for natural gas vehicles.

Marianne Mintz leads the Deployment and Analysis team within Argonne’s Energy Systems Division. She has over 30 years of experience in transportation and energy analysis and has authored over 100 publications in the field. Her current work centers on infrastructure requirements of alternative fuel pathways, hydrogen delivery, and economic impacts of fuel cells and hydrogen and natural gas fueling infrastructure. She is an active member of the Transportation Research Board (TRB), past chair and Emeritus member of TRB’s Transportation Energy Committee and a current member of TRB’s Special Task Force on Climate Change and Energy. She holds a master’s degree from UCLA and has completed post-graduate work at the University of Illinois at Chicago.

Lisa Mirisola is a program supervisor at the South Coast Air Quality Management District (AQMD) in Diamond Bar, California. For the last fourteen years, she has been in the Technology Advancement Office, where she has served as an AQMD project officer for technology demonstration projects in the areas of electric, hybrid, plug-in hybrid, and fuel cell vehicles and related vehicle regulatory analysis, infrastructure and incentive programs, and outreach efforts. For example, she has supported AQMD’s membership in the California Fuel Cell Partnership since 2002 and deployed several generations of fuel cell car demonstrations from General Motors, Honda, Hyundai, Mercedes, and Toyota in AQMD’s fleet since 2005. From 1988-2000, she worked in a variety of technical positions at AQMD including stationary source permitting, permit streamlining (process reengineering), and rule development. Ms. Mirisola has a BS in engineering with an emphasis in mechanical design, dynamics, and control systems from UCLA.

Mayor Judy Mitchell is currently serving her third term as mayor of Rolling Hills Estates, California, since she was first elected to the City Council in 1999. She was elected to the governing board of the South Coast Air Quality Management District in February 2010. Mayor Mitchell has been involved in city activities for over 26 years. Appointed in 1984 to the city’s Park and Activities Commission, and in 1994 to the Planning Commission, she helped establish Highridge Park, the 36-acre George F. Canyon Nature Center, and the 28-acre Linden H. Chandler Preserve. She initiated the city’s first Environmental Advisory Committee, which facilitated the adoption of energy-efficient, green building guidelines, and a water conservation ordinance in 2008. She serves on the Regional Council of the Southern California Association of Governments (SCAG) and on the Energy and Environment Committee of SCAG. Mayor Mitchell received her BA from Purdue University, an MA from University of California at Los Angeles, and her JD from Loyola Law School at Los Angeles. She is an attorney and was involved in an active business litigation practice until 2001. She now serves as counsel to her former Los Angeles law firm.

Tahmid Mizan is the senior technology advisor of Corporate Strategic Planning for Exxon Mobil Corporation. He provides guidance to senior corporate officers in assessing strategic technology opportunities and challenges. He also manages the corporate R&D portfolio, which looks at
technologies having long time horizons or in fields outside the company’s immediate business focus. His technical assignments have included leading teams engaged in building refinery process models, developing technologies for producing ultra-low sulfur fuels and advantaged lubricant basestocks, improving the energy efficiency of refineries, and designing or troubleshooting chemical reactors. He has had leadership roles in intellectual property management, knowledge management, and operations consolidation initiatives. Dr. Mizan earned his PhD in chemical engineering from the University of Michigan, Ann Arbor. Prior to joining Exxon, he worked in academia as a research fellow and as a lecturer. Dr. Mizan has published in the *AIChE Journal*, *Chemical Engineering Science*, the *Journal of Physical Chemistry*, *Energy & Fuels*, and *Catalysis Today*. He is an inventor on patents in the fields of clean fuels, biofuels, and energy efficient processes. He served as a team member on the National Petroleum Council study on “Advancing Technology for America’s Transportation Future” (2012).

Dan Moody has spent 35 years with Commonwealth Edison (ComEd) Fleet Services, and currently serves as senior governmental compliance specialist. He began in 1979 as a fleet assistant gassing vehicles, and was promoted up through fleet mechanic positions to mobile equipment and hydraulic specialist in 1989. He progressed into fleet management in a garage supervisor position in 2002 and became senior fleet administrator in 2007. In 2010, he was promoted to his current position, where he manages all vehicle purchases from concept through production to invoice payment. He was manager of a project that involved the testing of an Odyne plug-in hybrid underground cable splicer van in 2009. He replaced approximately 1300 vehicles between 2010 and 2013 and is currently working on a replacement of over 500 vehicles for 2014.

Kurt Moreland is associate publisher of *Utility Fleet Professional* (UFP). UFP covers a variety of vehicles from heavy-duty crane trucks to compact cars for meter readers, paying special attention to alternative fuel vehicles. Mr. Moreland has spent the majority of his career working on media in the utility fleets/vocational truck market. He attended Southern Illinois University in Carbondale, where he received his bachelor’s degree in journalism with a specialization in advertising. After graduating, Mr. Moreland was employed by Gravenhorst & Associates, a publisher’s representative firm in Chicago. He was instrumental in launching the original *Electric Utility Fleet Management* magazine in the 1980s. Under Mr. Moreland’s advice the company began reporting beyond utilities to include other related markets and re-branded the magazine *Utility Fleet Management* (UFM). In 1994, Mr. Moreland joined Practical Communications, which published *Utility Telecom Fleets* (UTF), where he spent 10 years as the key sales representative and marketing manager. UTF published a supplement called *Clean Fleet Fuels* to address the alternative fuels market during The Clean Air Act. In 2011, Mr. Moreland rejoined his publisher from Practical Communication, Carla Housh, who had started Utility Business Media. They re-launched UTF under the name *Utility Fleet Professional* in 2011.
Speaker Biographies

Michael O’Connell, senior director of fleet operations for Frito-Lay North America (FLNA), oversees one of the largest privately owned fleets in the United States. In this role, Mr. O’Connell is responsible for the development and execution of the organization’s sustainability strategy for fleet. This transformation encompasses upgrading existing assets, as well as the identification and integration of innovative “green” technologies and vehicles. The ultimate goal for the company is to become the “most fuel-efficient fleet in the US.” Under Mr. O’Connell’s guidance, the company has been implementing initiatives such as route and asset optimization, operator training, aerodynamics, GPS, electric vehicles, CNG, and developing partnerships with organizations like the Department of Transportation and its SmartWay program. Mr. O’Connell started with FLNA in 1991 at its facility in Wooster, Ohio. In his 23 years with the company, he has worked in a number of field positions in service & distribution, finance, and supply chain at various FLNA sites including Frankfurt, Indiana, one of the company’s largest manufacturing facilities. He received his MBA from Xavier University in Cincinnati, Ohio, and a Bachelor of Science in Business Administration (finance and operations management) from Ohio State University.

Anthony Orta is the strategy and compliance manager for Sempra Energy utilities and has over 30 years of fleet experience. He currently provides guidance for fleet vehicle replacement planning, which includes an alternative fuel vehicle strategy, in addition to vehicle remarketing and utilization strategies for the Southern California Gas (SCG) company which has over 5,000 fleet vehicles and equipment, of which 4,000 are over-the-road vehicles and includes more than 900 [23 percent] AFVs operating on clean burning natural gas. Mr. Orta also manages both SCG and San Diego Gas & Electric maintenance operations, quality assurance, and environmental compliance programs. Currently, he is leading an SCG initiative to place 1,000 natural gas vehicles into the fleet over the next few years. Mr. Orta is a member of the National Truck Equipment Association and is actively involved with National Association of Fleet Administrators and is the chairman of the Pacific Southwest Chapter.

Anthony Orta

Bill Osteen is senior vice president of business operations for Golden Eagle Distributors in Tucson, Arizona. Golden Eagle Distributors is a family-owned beverage wholesaler headquartered in Tucson with branches in Buckeye, Casa Grande, Flagstaff, Tempe, Show Low, and Globe. Mr. Osteen has led the Golden Eagle heavy-duty fleet conversion to CNG, converting both the Tucson and Casa Grande fleets and building CNG fuel stations in partnership with Trillium CNG at both locations. The fuel stations are open to the public and further provide CNG infrastructure for these communities. Mr. Osteen is currently working on preliminary plans for a CNG conversion and fuel station at the Buckeye facility. He has also overseen changes to warehouse lighting and HVAC controls at multiple GED locations to conserve energy costs and decrease Golden Eagle’s carbon footprint. Mr. Osteen’s efforts have received national recognition, including Golden Eagle’s selection as 2012 Fleet of the Year by t. He is an industry resource and speaks regularly at CNG conferences nationwide about Golden Eagle’s CNG fleet conversion. Mr. Osteen has worked for Golden Eagle Distributors for over 30 years and has over 40 years of experience in the beverage industry.

Bill Osteen

Todd Mouw brings more than 15 years of experience in the automotive and high-tech industries to ROUSH CleanTech. He manages the national sales staff, leading the charge in helping Fortune 500 fleets find ways to reduce their carbon footprint and operating costs through utilizing alternative fuel technologies. Mr. Mouw has been working with fleets to incorporate liquid propane autogas vehicles into their fleet programs and has seen great interest in ROUSH CleanTech propane autogas vehicles. Mr. Mouw, a recipient of the 2011 Green Fleet Sustainable All-Star Award, has considerable sales and marketing experience with Ford, GM, and Chrysler on their dealer, fleet, and consumer communications programs. He also serves as the past and current president of the Green Truck Association, which is part of the National Truck Equipment Association. Mr. Mouw received his bachelor’s degree from the University of Michigan, in Ann Arbor.

Todd Mouw

Charles Musgrove serves as executive vice president of operations of Dillon Transport, a haz-mat bulk tanker transport headquartered out of Chicago, Illinois. Under Mr. Musgrove’s direction, Dillon Transport is expanding its capabilities into new regional markets and new lines of business that complement the company’s current operations. Dillon Transport is an early adopter of natural gas as a transport fuel to service customers in different markets. Dillon Transport currently runs 25 LNG and 75 CNG tractors. By the end of 2014, Dillon Transport will have nearly 200 of their 500 tractors burning natural gas. Mr. Musgrove earned a bachelor’s degree in accounting from Auburn University. After completing college, he spent several years with the United States Army stationed in Europe as a captain. He also completed his MBA at the Keller Graduate School of Management in Chicago, Illinois. Mr. Musgrove joined Dillon Transport in 2005 as the director of maintenance. Prior to Dillon Transport, Mr. Musgrove was the maintenance/fleet supervisor for K-Five Construction Company, a heavy highway contractor in Chicago. Mr. Musgrove, a CPA, is active in many transportation associations including the United States Environmental Protection Agency’s Smartway Transport Partnership and the Illinois Road Builders Association.

Charles Musgrove

Erik Neandross is the chief executive officer of Gladstein, Neandross & Associates (GNA), a national consulting firm specializing in the market development of alternative fuel technologies for on-road transportation and off-road high horsepower sectors. Mr. Neandross oversees GNAs day-to-day business operations, client work, and strategic growth initiatives. He has been at the forefront of some of some of the nation’s largest and most innovative alternative fuel vehicle projects, working with Ryder, Frito-Lay/PepsiCo, Waste Management, UPS, Sysco Food Services, California Cartage Company, City of Los Angeles, Nestle Waters, Aramark, and many others. Mr. Neandross regularly advises boards of directors and executive leadership teams for some of the largest companies in the alternative fuel industry, as well as to a variety of public sector representatives including governors, mayors, senate energy committees, and appointed officials. He speaks regularly at leading alternative fuel conferences around the world. In addition to overseeing GNAs technical and project development consulting services, Mr. Neandross leads GNAs production of two of the nation’s leading alternative fuel conferences: the Alternative Clean Transportation (ACT) Expo, North America’s largest alternative fuels and clean vehicle technologies show, and the Natural Gas for High Horsepower (HHP) Summit.

Erik Neandross

Anthony Orta

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Michael O’Connell

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Tucker Perkins is the chief business development officer for the Propane Education & Research Council (PERC). Mr. Perkins leads the team responsible for creating propane-fueled products and works with manufacturers, distributors, and users to commercialize them. Before joining PERC, Mr. Perkins was the president and chief operating officer of CleanFuel USA, a leading supplier of propane engine systems and infrastructure equipment with offices in Georgetown, Texas, and Detroit, Michigan. Mr. Perkins has worked in the propane industry for 23 years, having served as the director of business development for Inergy, chief executive officer of Premier Propane, and the chief operating officer of Columbia Propane, a unit of the Columbia Energy Group. He is also the former chairman of the PERC Engine Fuel Advisory Committee and is active with the National Propane Gas Association and the Virginia Propane Gas Association. A Virginia Tech graduate with a bachelor's degree in civil engineering, Mr. Perkins earned his MBA from the University of Richmond.

Ralph Perpetuini is the chief executive officer of Icom North America, a pioneer in the development and manufacture of alternative fuel systems and tanks including: the JTG Liquid Propane Injection System, the JTGhp Direct Injection Propane system, and the JTGDynamic Propane-Diesel. Mr. Perpetuini previously held a number of key management positions over his 17 years with Icom S.p.A., in Italy, serving as the firm's product manager, marketing manager and finally general manager in 1997, implementing product development and creating the company's global distribution network in five continents. He positioned Icom S.p.A. as the worldwide leader for liquid injection propane systems. His active role as part of the European Commission for Standardization and Normalization helped achieve the current standard used for European approval of propane systems. Prior to joining Icom S.p.A. in 1992, he held various positions in engineering and technical consulting with Technical Consulting Services in Latina, Italy, and with Alitalia Airlines and Silverstein Properties, both in New York. Perpetuini graduated cum laude with a bachelor's degree in business administration and a concentration in finance from Adelphi University in Garden City, New York. He also holds a degree in telecommunications engineering from the G. Vallauri Technical Institute in Rome, Italy.

Alan Perriton is president of VIA Motors, a Utah-based electric vehicle development and manufacturing company. He recently retired from a 34-year career with General Motors (GM) where he held many senior executive positions. In that time, he launched the NUMMI manufacturing facility (a joint venture with GM and Toyota) in Fremont, California, and served as a member of its board of directors. Mr. Perriton previously served as vice president of materials management for GM's Saturn Division and headed GM's Automotive Purchasing for North America and North American Production Control and Logistics. He was the senior executive responsible for GM's Mergers & Acquisitions and new business development in Asia, as well as president of GM Korea from 1996 to 2001. Mr. Perriton also served as a member of General Motors Corporation's UAW Board of Governors, and led GM's hydrogen fuel cell business development. Mr. Perriton served on the advisory boards of the Kellogg Business School at Northwestern University and the Automotive Executive Board at the University of Michigan.
and the Stanford Business School, and continues to serve on the National Advisory Council of the Brigham Young University Marriott Business School. Mr. Perriton holds a master’s degree in business from Stanford University and a bachelor’s degree in business from Brigham Young University.

Scott Perry currently serves as vice president of supply management for Ryder Fleet Management Solution. In this role, Mr. Perry leads Ryder’s vehicle procurement, parts procurement, warranty operations, inventory planning and management, and corporate real estate functions for North American operations. Mr. Perry holds an MBA from the University of Tennessee and has more than 20 years of experience in vehicle maintenance operations, logistics and distribution management, carrier and transportation management, and warehouse operations. He also carries direct responsibility for developing and deploying Ryder’s alternative fuel and vehicles strategies for the organization. He serves on the board of the North American Council for Freight Efficiency (NACFE), the Natural Gas Vehicles for America (NGVAmerica), the Florida Trucking Association, and Truckers Against Trafficking (TAT).

David Peterson is EV regional manager for Nissan North America, Inc. In this position, he is responsible for US electric vehicle (EV) charging infrastructure strategy, and leads development of new mobility services, including EV car sharing. Prior to joining Nissan, Mr. Peterson led electric vehicle research at the UCLA Luskin Center for Innovation, and was a financial analyst and economic consultant in Asia and the US.

Lennart Pilskog was recently appointed secretary general of NGVA Europe. Prior to this, he was the AB Volvo representative to the organization’s Board of Directors from 2010 to 2013. NGVA Europe acts on behalf of its members as the bridge between the gas industry, vehicle industry, and society to promote the development and increased use of methane as a vehicle fuel. Mr. Pilskog has almost 40 years of working experience in the automotive industry and is currently director of public affairs at Volvo Trucks, where he is responsible for handling external corporate communications. He has been active in most parts of the world and virtually all of the company’s product sections: cars, trucks, buses, aircraft and industrial engines, and construction machinery. His experience includes managing aftermarket solutions, business and development; setting up structures; and handling operation for Volvo in several countries with a focus on strategic actions, sales, and marketing. Mr. Pilskog has a degree in mechanical engineering and also studied economics, marketing, and management.

Eduardo Pizano is the president of the Colombian natural gas association, Naturgas. He graduated with a law degree from the Andes University and has a Master of Public Administration from Harvard University. During his time as a senator from 1991 through 1998, he authored a law that allowed for co-financing of mass transportation systems between the federal government and municipalities. He was president of Colombia’s telecommunications company from 1998 to 2000, secretary general of the presidency of Colombia from 2000 to 2001, and minister of economic development from 2001 to 2002, before taking on his current position with Naturgas in 2009.

Blair Poulsen is currently the director of sales for CleanFUEL USA (Georgetown, Texas and Wixom, Michigan). He is responsible for autogas dispenser sales and CleanFUEL USA’s LPI® autogas vehicle product sales. Prior to joining CleanFUEL USA, he was sales and marketing director for Heritage Propane and AmeriGas Propane after Heritage Propane was purchased by AmeriGas. He is currently a board member for the Nevada Board for the Regulation of LPG, where he serves as chairman. He also served as president of Nevada Propane Dealers Association, chairman of the Truckee Meadows Clean Cities Coalition and director of the Nevada Manufactured Housing Association. Mr. Poulsen attended Boise State University and Utah Valley University where he received an AAS in cabinetry and architectural woodworking.

Julia Pyper is the transportation reporter for ClimateWire, a leading energy and environment news service based in Washington, DC. Her work centers on business, research, and policy developments in alternative fuels and clean transportation technology in the United States. She has also reported on a variety of climate change and clean energy issues abroad, including in Canada, Israel, and the Maldives. Ms. Pyper earned her master’s degree at the Columbia University Graduate School of Journalism and received broadcast credits during an internship with CBS News, 60 Minutes. Some of her recent work has been published in The New York Times and Scientific American. She can be found on Twitter @JMPyper.

Jeffrey Reed is the director of business strategy and development for Southern California Gas Company. In this capacity, he leads development of policies and initiatives aimed at supporting the deployment of sustainable energy solutions. In his current and prior roles Dr. Reed has led the natural gas technology, venture investment, and low emission vehicle programs and he is responsible for the company’s long-range technology forecasting and strategic planning. Dr. Reed is currently a board member at CalSTART and the California Hydrogen Business Council. Prior to joining the Sempra utilities, Dr. Reed was a senior strategy consultant with Booz-Allen and Hamilton and Accenture and was an officer with ABB Power Generation in Switzerland. Dr. Reed holds a doctorate in engineering from University of California, Berkeley and a master’s degree in management from Stanford University.

T.J. Reed is the director of product strategy for Freightliner Trucks, the flagship truck brand within the Daimler Trucks North America (DTNA) portfolio. Mr. Reed is responsible for leading efforts in new product development at both the vehicle and powertrain component level. Mr. Reed has worked at Daimler Trucks North America for 15 years in a variety of positions within the Sales and Marketing organization for all three DTNA brands: Freightliner, Sterling, and Western Star Trucks. Prior to working at Daimler Trucks North America, Mr. Reed was the general manager of ALT Sales Corp, a distributor of Truck Mounted Equipment.

Tim Reeser is co-founder and president of Lightning Hybrids, responsible for day-to-day operations, sales, marketing, and investor relations. Mr. Reeser has a long history with vehicle innovation and alternative fuels, starting with a BS in mechanical engineering from Colorado State University, where he was on the first university-led natural gas vehicle team over 20 years ago. Prior to founding Lightning Hybrids, Mr. Reeser co-founded and served in executive roles at four technology companies including Engineering Computer Consultants, Prieto Battery, and OptiEnz Sensors. He previously served as vice president of Colorado State University Ventures, where he spun out five companies and built the framework to support accelerated growth of energy-related spin-outs and spin-ins at CSU. Mr. Reeser is a venture partner with Aravaipa Ventures, and serves on the board of four of its portfolio companies. He has co-authored four technical books published by McGraw Hill.
Paul Relis has been senior vice president of CR&R Environmental Services since 1998. CR&R is one of the nation’s largest privately held waste management firms, based in Orange County, California. CR&R has been a technological leader in the solid waste industry, most recently developing one of the largest anaerobic digestion facilities in North America. Mr. Relis led CR&R’s search for an appropriate digester technology. He serves on the American Biogas Council Board of Directors and is a board member of the Bioenergy Association of California. Mr. Relis also serves on the South Coast Air Quality Management District’s Natural Gas Vehicle Partnership. From 1991 to 1998, Mr. Relis was a governor appointee to the California Integrated Waste Management Board (now CalRecycle) with oversight and regulatory responsibility for the state’s solid waste system, and implementation of California’s landmark AB 939, the most ambitious recycling mandate in the nation from 1970 to 1991. Mr. Relis was executive director and president of the Community Environmental Council, an environmental think tank based in Santa Barbara responsible for initiating recycling and hazardous waste programs. Since 1996, Mr. Relis has been a lecturer in the Environmental Studies Department of his alma mater, the University of California, Santa Barbara. 

Alan Riddle became Southern California Edison’s (SCE) director of transportation services in March, 2007. He is responsible for a fleet of 6,000 utility vehicles and equipment, 43 garage operation facilities that cover the entire territory Edison serves, crane and heavy haul operations, and a fleet of seven helicopters that directly support SCE operations. Mr. Riddle began with SCE in 1979. During his long career, and while working for over 17 years in SCE’s Power Production business unit, Mr. Riddle has overseen plant operations, maintenance, engineering, regulatory compliance and business strategy at various conventional, combined cycle and hydroelectric generating facilities, including as manager of operations and maintenance at SCE’s Big Creek hydroelectric project. Other assignments included manager of strategic sourcing in supply chain management where he was responsible for SCE’s largest materials and services procurement contracts, and as the manager of client relations in the company’s Operations Support business unit. 

Greg Roche serves as general manager and leads market development activities for Eagle LNG Partners, a venture between Clean Energy, General Electric, and Ferus Natural Gas. Eagle LNG Partners provides complete LNG supply chain solutions consisting of gas procurement, LNG production, LNG logistics, onsite LNG storage and dispensing stations, and financing. Eagle LNG focuses on high horsepower markets including rail, mining, marine, E&P, and industrial. Mr. Roche also leads the Clean Energy infrastructure development program for siting, acquiring, and developing locations for LNG stations, LNG stations, LNG plants, and other facilities. Prior to his current role, Mr. Roche developed Clean Energy’s market for natural gas as a trucking fuel for the nation’s ports, intermodal terminals, warehouses, and distribution centers. He holds a master’s degree from University of California, Los Angeles and a bachelor’s degree from Iowa State University.
Speaker Biographies

Mike Roeth has worked in the commercial vehicle industry for over 28 years, most recently as the executive director of the North American Council for Freight Efficiency. Mr. Roeth is also leading the Trucking Efficiency Operations for the Carbon War Room. His specialty is brokering green truck collaborative technologies into the real world at scale. He has a BS in engineering from the Ohio State University and a master's degree in organizational leadership from the Indiana Institute of Technology. Mr. Roeth served as chairman of the board for the Truck Manufacturers Association, board member of the Automotive Industry Action Group, and currently serves on Phase 2 of the National Academy of Sciences Committee on Technologies and Approaches for Reducing the Fuel Consumption of Medium- and Heavy-Duty Vehicles. He understands the customers, operations and intricacies of the commercial vehicle industry, having held various positions in product development, engineering, reliability, quality, sales, materials, and plant management with Navistar and Cummins.

Jim Ruby, assistant director of fleet services at the University of California, San Diego (UCSD), has over 35 years of automotive, truck, and transit industry experience. He has directed UCSD’s fleet services for more than 10 years and is responsible for the operation and maintenance of 940 vehicles, ranging from electric vehicles to transit buses and heavy equipment. Under his guidance, UCSD has procured over 80 hybrid electric cars and approximately 340 electric. He led the conversion of the campus diesel fleet to using Ultra-Low Sulfur (ULSD) BAB bio-diesel fuel, and has developed, planned, and assisted in the construction of a new on campus compressed natural gas station and the procurement of 45 CNG vehicles. Under Mr. Ruby’s leadership, UCSD’s fleet program has received regional and statewide recognition, including a 2005 UC/CSU Best Practices Award a 2007 San Diego Excellence in Energy Efficiency for the campus’ “Sustainable Transportation” program. He has been commended by the California Environmental Protection Agency for efforts to reduce pollution from UCSD’s fleet and facilities. Mr. Ruby serves on the boards of the San Diego Regional Clean Cities Coalition, the San Diego Regional Sustainability Partnership Clean Transportation Committee, and was a key member of the San Diego Area Government’s (SANDAG) Alternative Fuels Infrastructure Study Team.

Michael Sabourin is currently the lead senior program manager for implementation of the Alternative Fuel Conversions Program regulations for all chassis-certified vehicles at the US Environmental Protection Agency’s (US EPA) Office of Transportation and Air Quality. Mr. Sabourin began his career as an ASE certified heavy equipment mechanic, working on diesel-powered engines, trucks, and construction equipment. He spent two years in the Peace Corps supervising a road construction project sponsored by CARE International, providing new economic opportunities for West African citizens. After completing his BSME degree, Mr. Sabourin arrived at EPA’s National Vehicle and Fuel Emissions Laboratory. His first responsibility as a project engineer was to design and carry out test programs to isolate catalytic converter and on-board diagnostic system related failures, and to document, publish, and present the findings. Upon completion of his MBA, Mr. Sabourin was selected as the laboratory operations division director and served in that role through two major laboratory instrumentation and test facility upgrades. He believes these various roles have prepared him to guide this new emerging industry in a manner that will secure our energy independence, build sustainable infrastructure, and provide high quality conversion solutions that US citizens can depend on in years to come.

Jon Scharingson is the executive director of sales and marketing for Renewable Energy Group (REG), a position he has held since 2007. REG is the nation’s leading producer and marketer of biodiesel, marketing approximately 25 percent of the biodiesel sold in the United States. Prior to joining REG, Mr. Scharingson spent 17 years in the seeds, crop protection, and agriculture biotechnology industries, having worked for Imperial Chemical Industries, AstraZeneca, and Syngenta. He held several senior management roles in business strategy, business development, and marketing. Mr. Scharingson has a BBA in management and an MBA in marketing from Iowa State University.

Paul Schwark has been with the Bosch Group since 1998. He has held roles in application engineering, sales, systems engineering, and engineering management. His product experience includes automotive braking, diesel fuel injection, hydraulic hybrid powertrain systems, electronic controls for off-highway machines, and natural gas engine systems. Mr. Schwark’s current role is within the Diesel Systems North America division of Robert Bosch LLC, based in Farmington Hills, Michigan, managing natural gas engine systems engineering activities for the North American market. He received his BS in mechanical engineering and an MS in engineering management from the University of Michigan.

Jeffrey Seisler is the chief executive officer of Clean Fuels Consulting with offices in Brussels, Belgium and Washington, DC. Clean Fuels Consulting is a private company whose mission is to facilitate the commercialization of clean fuels and technologies, doing lobbying, analysis, communications, training and workshop development. Dr. Seisler was the founding executive director of the European Natural Gas Vehicle Association (ENGVA) based in the Netherlands starting in July 1994 through September 2007. He was the founding executive director of the Natural Gas Vehicle Coalition (NGVC) in Washington, DC, starting in August 1988 until July 1994 when he left for Europe to start up ENGVA. He was one of the founders of the IANGV in 1986, served as its president from 1998 to 2002, and was an active member of the Executive Committee from 1990 to 2000. Dr. Seisler has been active with energy, environment, alternative fuels, and new technology commercialization issues since 1976. He has authored several hundred articles and monographs on a wide variety of energy-related topics for newspapers, magazines and journals worldwide.

Kip Selby has over 18 years of experience in the energy engineering field, and has held his current position as a senior engineer at The Kroger Company for the past eight years. Mr. Selby has developed energy and sustainability solutions and standards for Kroger Logistics, implementing continuous improvement programs in 34 distribution centers leading to 40 percent energy reduction based on the 2003 baseline. Mr. Selby received a BS in chemical engineering from Purdue University in 1995, and has achieved the credential of Certified Energy Manager from the Association of Energy Engineers and the global credential of Project Management Professional from the Project Management Institute.

Brad Shantry serves as the operations manager for Powertrain Integration, the automotive industry’s first total OEM solution company for engines,
transmissions, systems, services, and support. He held the position of program manager during the development of the 8.0L engine and the General Motors 2.0L turbo engine integration in the Fisker Karma for more than five years with the company. Mr. Shantry also worked for Wheel to Wheel Powertrain for nine years, a sister company to Powertrain Integrations. He was an engineer and program manager for Second Stage Manufacturing and Special Vehicle projects and later became the performance product development manager. Prior to his tenure at Wheel to Wheel, Mr. Shantry worked for CMI Manufacturing as a manufacturing engineer of engine components for six years. Mr. Shantry holds a BS in mechanical engineering from Kettering University, formerly known as General Motors Institute. He also earned an MBA from Northwood University.

Jeff Shefchik, president of Paper Transport, joined the company in 2003 as the director of finance. He was promoted to chief operating officer in 2005 and president in 2006. Paper Transport is a regional truckload carrier based in Green Bay, Wisconsin. The company currently operates 425 tractors and has operations throughout the Midwest and Southeast. During his tenure at Paper Transport, he has focused the organization on growth, innovation, and building a strong culture. Over that past 10 years Paper Transport has grown by over 15 percent annually. The focus on innovation has led to improved MPG, adoptions of new safety programs, and the development of leading technology. Additionally, Paper Transport has led the industry in the adoption of natural gas powered trucks. They are widely recognized as among the first to run class 8 CNG trucks; pushing for improvements in the ongoing operations of natural gas. Today, over 25 percent of the fleet is running on CNG. The growth and innovation at Paper Transport is driven by a culture rooted in the motto of understanding “What Drives You.” The team understands that every customer and employee has their own unique goals, challenges, and requests.

John Sheehy is president and co-owner of Sheehy Mail Contractors of Waterloo, Wisconsin. The trucking company was founded in 1968 to service contracts with the United States Postal Service (USPS) throughout the Midwest. Under Mr. Sheehy’s management, the firm has expanded into general freight contracting and has become a premier regional carrier. Mr. Sheehy has introduced numerous innovations to his operations, setting the standard for new technologies that have subsequently been adopted by the trucking industry overall. Perhaps the greatest example of this is the incorporation of on-board computers in 1990 which provide information and data that is utilized throughout the operation. Most recently, Mr. Sheehy has begun upgrading his fleet to include a number of Freightliner tractors powered by CNG. Sheehy Mail Contractors continues as one of the largest Star Route Mail contractors in the nation, and Mr. Sheehy has served as president of this association since 2012. Here, he has advocated for efficiency measures to association membership and to the Postal Service itself. He has met with Postmaster General Donahoe and other USPS staff to explore ways in which CNG could be introduced into their fleet. Mr. Sheehy was recently recognized with a 2013 USPS Supplier Performance Award.
Rick Sikes, fleet superintendent for the City of Santa Monica, brings over 35 years of fleet management experience to a wide variety of equipment and alternative fuel vehicle projects in his commitment to helping the City meet its goal of a more sustainable fleet. The City of Santa Monica municipal fleet is now comprised of 78 percent alternative fuel vehicles, including electric, propane, compressed natural gas (CNG), hydrogen, and biodiesel. Mr. Sikes has worked with manufacturers and conversion companies to design and build alternative fuel vehicles and has participated in several advanced technology demonstrations. He has overseen the installation and operation of CNG, hydrogen, and EV infrastructure and has received grant funding from AQMD, CEC, ARB and MSRC. He is one of the founders of and the City’s liaison for the AltCar Expo and is active in the NAFA and MEMA fleet associations.

Khalid Simjee is project manager with NRG eVgo, part of NRG Energy Inc. Mr. Simjee is responsible for managing the design, permitting, and construction of Level 3 (DC) fast charging stations, and negotiating agreements with retail property owners for charger installations. After spending over a decade in real estate development and project management, Mr. Simjee found his calling in all things green. He is passionate about the development of sustainable real estate, solar energy, and EV infrastructure. Before NRG eVgo, Mr. Simjee worked as a project manager for real estate developers Lend Lease, Lennar, and Evergreen Devco. He holds an MBA from the University of California, Los Angeles.

Mark Simon has served as director of alternate fuel programs for the New York City Department of Transportation since 1997. Along with his staff, he designs and manages $40 million in federal grant funding to promote clean vehicle programs in the public and private sectors. His program experience is with diesel emissions control, electric vehicles, natural gas and biogas vehicles, biodiesel, and ethanol. Prior to that, he worked at the New York City Department of Environmental Protection on air quality, environmental impact analysis, and alternative fuels. In addition, Mr. Simon serves on the board of Empire Clean Cities. Mr. Simon has an MS in public administration/environmental planning from New York University and a BA from Earlham College.

Brenda Smith is an engineering consultant specializing in process design and safety management. Her main area of focus is the production and application of cryogenic liquids, in particular natural gas liquefaction and the use of LNG as a fuel. Her work involves small-scale LNG plants, storage terminals, truck loading facilities, virtual pipelines, satellite stations, and filling stations. She is a highly respected HAZOP study chairman with a wealth of expertise and experience in all aspects of process safety management and risk assessment. Ms. Smith is a proponent of LNG use in the transportation sector, particularly when the feed gas can be produced from renewable energy sources such as landfill gas and gas produced from organic waste and sewage. She is a board member of NGV Global and a member of its technical committee. She sits on two ISO working groups to develop standards for LNG vehicle refueling stations, cryogenic vessels, and related equipment. Ms. Smith graduated with a degree in chemical engineering from Imperial College, London, specializing in cryogenic technology and mathematical modeling. She has over 31 years of plant design, construction, commissioning, troubleshooting, operation, maintenance, safety, and risk management experience. She has worked in Europe, South America, and Asia and is currently headquartered in Hong Kong, China.

Christine Smith is the vice president of sales and marketing at Zenith Motors, with responsibility overseeing the national sales and marketing initiatives for the company. Prior to joining Zenith Motors, Ms. Smith worked in sales management at several companies including Chase Industries and O’Gara Hess & Eisenhardt. During her 10-year tenure at Chase Industries, Ms. Smith worked with the restaurant and hotel industries providing construction materials for new builds. During this time, she began working with companies to earn LEED (Leadership in Energy and Environmental Design) credits for their green projects. Ms. Smith’s automotive experience was earned through her five years as North America-West sales manager for O’Gara Hess & Eisenhardt, working in the specialty vehicle market selling personal armored vehicles to Fortune 500 corporations, international diplomats, and hotels. Ms. Smith holds an MBA from Thomas More College and a master’s degree in communication from West Virginia University and is active with the marketing committee for the Green Parking Council.

Jordan Smith is the manager of electric drive systems in Southern California Edison’s (SCE) Advanced Technology Division. He has been working in advanced technology transportation and storage at SCE since 1996. Based at SCE’s EV Technical Center, renowned for its work in electric vehicles, energy storage, and charging systems, his team is responsible for evaluating advanced technology and alternative fuel vehicles and utility equipment for the SCE fleet. A specialist in hybrid-electric technology, he led the first project to successfully convert and demonstrate a plug-in hybrid-electric utility fleet trouble truck, which had all-electric drive, electro-hydraulic machine operation, and mobile distributed power capabilities in 2001. Upon completion in 2004, this experience led him to develop the concept of the Versatile Plug-in Auxiliary Power System, first prototyped in 2011. Recently, he worked to help successfully develop battery charger system efficiency standards adopted in California’s appliance codes. Mr. Smith received a BS in mechanical engineering and an MS in engineering management from California State Polytechnic University. He is a licensed professional engineer in the state of California and is a member of the Society of Automotive Engineers and the American Society of Heating, Refrigerating, and Air-Conditioning Engineers.

Christopher Standlee is executive vice president for global affairs and a board member for Abengoa Bioenergy US Holding (ABUS). Abengoa Bioenergy is one of the largest international producers of ethanol, operating fourteen production facilities in the United States, Europe, and Brazil. Abengoa Bioenergy also focuses on the research and development of new biofuel and bio-based product technologies. It is now completing a DOE-sponsored commercial scale cellulosic biomass to ethanol facility in Hugoton, Kansas, and operates a demonstration-scale waste-to-biofuel facility in Spain. Mr. Standlee was hired as vice president and general counsel of High Plains Corporation in 1995 and worked in that capacity until it was acquired by Abengoa, SA in 2002. He served as vice president and general counsel, and also held operational responsibility within ABUS until 2010 when his primary responsibility shifted to institutional relationships and governmental affairs. He serves as co-chairman of the Biotechnology Industry Organization’s Industrial and Environmental Section Biofuels Working Group, is a past chairman of the Renewable Fuels Association, and past president of both the Kansas and Nebraska state ethanol producer associations. Mr. Standlee received his undergraduate degree from Yale University in political science, and his Juris Doctorate from Kansas University.
Jim Stanley serves as vice president and general manager for CarCharging, where he is responsible for the operations and customer experience for the Blink Network, the nationwide network of more than 12,500 charging stations serving all major segments of the EV community. Mr. Stanley has more than 17 years of experience growing customer-first marketplaces in the consumer electronics and digital industries for companies such as CBS Interactive, CNET, and Download.com, among other interactive brands.

Shane Stephens-Romero is a co-president at FirstElement Fuel, Inc. where he oversees investor relations, business development, and government issues. While completing his doctoral studies in Environmental Engineering, he conducted groundbreaking hydrogen infrastructure research at the University of California, Irvine (UCI) and led government relations and program development efforts for the National Fuel Cell Research Center. Dr. Stephens-Romero also interned for the Obama White House where he helped design and coordinate policy related to energy and disaster readiness for local communities. As a scientist and thought leader in the clean energy space Dr. Stephens-Romero has won awards for his work on fuel cells and how they integrate into the broader energy ecosystem including a fellowship from the Newkirk Center for Science and Society and a Public Impact Fellowship from UCI.

Andrea Stephenson has spent the past 20 years working with various corporations, non-government organizations, and municipalities to develop systems that protect and preserve our precious environment. Her work with Browning-Ferris Industries, USA Waste, and Waste Management creating and implementing cutting-edge recycling and resource recovery programs has helped communities and companies nationwide to meet and exceed goals for sustainability. In her current role as general manager for Atlas ReFuel, Ms. Stephenson is responsible for raising awareness and getting people to take action to reduce their carbon footprint and to close the loop by repurposing their organics into clean, renewable, natural gas.

Joe Stergios has worked in the automotive industry for 24 years, and has extensive experience in rental, fleet management, and OEM sales and operations. He currently serves as area sales manager for Enterprise Fleet Management. Enterprise represents the world’s largest fleet of passenger vehicles, with 1.3 million vehicles on the road and 8,200 locations around the globe. Enterprise’s diverse alternatively-fueled fleet includes hybrid, electric, biodiesel, and compressed natural gas (CNG) vehicles. In his current role, Mr. Stergios specializes in vehicle fleet management ranging from acquisition (alternative fuels, aftermarket upfitting) to funding (leases, finances) to DMV/tax compliance to operations (fuel, maintenance, GPS, risk management) to remarketing (auctions, wholesalers, direct sales to employees.) Prior to Enterprise Fleet Management, Mr. Stergios worked for General Motors, GE Capital, and Enterprise Rent-A-Car.

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Douglas Stout is vice president of energy solutions and external relations at FortisBC. The FortisBC group of companies is owned by Fortis Inc., the largest investor-owned distribution utility in Canada serving more than 2 million natural gas and electricity customers. Mr. Stout joined the company in 2001 as vice president of gas supply and transmission. Prior to his time at FortisBC, he held senior roles with Belkor Industries and Husky Energy, and has served as director for Sultran, Pacific Coast Terminals, and Hillsborough Resources. He is on the National Advisory Committee for QUEST (Quality Urban Energy Systems of Tomorrow) and is currently a director of the Northwest Gas Association and the Canadian Natural Gas Vehicle Alliance.

George Survant is the senior fleet director at Time Warner Cable. Previously, he served in a variety of positions for GTE over a 22 year period including acting as supply and transportation director at Hawaiian Telephone and as the area manager of GTE West. After leaving GTE, Mr. Survant served as the vice president of operations for diversified inspections, providing inspection and safety certification services for industries that use cranes and bucket trucks. Before joining Florida Power & Light (FPL), Mr. Survant was a general manager for Ryder Corporation, serving as the fleet director at San Diego Gas & Electric (SDG&E). After leaving SDG&E, Mr. Survant served for 13 years as senior director of Fleet Service for Florida Power & Light. He has received a variety of awards for his efforts to promote alternative fuels, including the National Safety Council Fleet of the Year Award for fleet safety, the Fleet Owner Magazine award for Vocational Fleet of the Year while at FPL, the “Blue Sky” award for leadership, the “Sustainability Florida Award,” the “Initiative Eye on Biodiesel” award, and the NAFA Green Fleet Award. Mr. Survant has published several industry articles and has a BA from the University of Kentucky.

Anne Tazewell has worked in the clean transportation arena for 14 years, first as a US Department of Energy (US DOE) Clean Cities coordinator and currently as the transportation program manager at the NC Solar Center at NC State University. She is passionate about transportation technology and policy solutions that support energy diversity, economic and environmental enhancement. With state and federal funding, Ms. Tazewell leads efforts to diversify fuel use and reduce transportation related emissions by increasing the use of alternative fuels, advanced transportation technologies, and fuel conservation practices. Current activities include a $6.2 million federal Congestion Mitigation Air Quality supported Clean Fuel Advanced Technology project and the US DOE-sponsored Alternative Fuel Implementation Team (AFIT) project. She is also a featured author in the recently published book Small Stories, Big Changes where she has written about her work in alternative fuels. Ms. Tazewell has a degree in Environmental Studies from the New College, Sarasota, Florida.

Shri B. C. Tripathi is chairman and managing director of GAIL (India) Ltd., which is the flagship natural gas company of the Government of India. GAIL is an integrated gas utility with presence in the US, Singapore, China, Myanmar, and Egypt. It is the market leader in India’s gas sector and operates in business segments that range across gas transmission, distribution and marketing, petrochemicals, gas processing (LPG and liquid hydrocarbons), LPG pipeline transportation, re-gassified-LNG, city gas/CNG ventures, and E&P etc. GAIL recorded a turnover of $8.6 billion and PAT of $731 million during 2012-13. Mr. Tripathi is also the chairman of Brahmaputra Cracker & Polymer Limited and GAIL Gas Limited. In addition, he is director of the board of Petronet LNG Ltd., a joint venture with GAIL. Prior to taking over as chairman of GAIL, Mr. Tripathi was director of marketing of the company. He has over 30 years of varied experience leading a diverse workforce, strategic vision, governance, organizational excellence and performance management, expansion and globalization, project management and execution, operations and maintenance, and marketing.

Sean Turner, chief operating officer and partner at Gladstein Neandross & Associates (GNA), provides technical oversight on alternative fuel initiatives, air quality improvement, and vehicular technology for several of GNA’s largest clients. He has worked in international engineering consulting and government affairs on automotive emissions, alternative fuels, and air quality issues for over 20 years. Mr. Turner previously served as president of the California Natural Gas Vehicle Coalition (CNGVC). His work established a new regulatory and legislative presence in California through an intensive lobbying campaign, an acclaimed industry newsletter, a website, a natural gas fuel station directory, and an electronic web-based fuel station mapping system. Before managing the CNGVC, Mr. Turner spent two years working in Cairo, Egypt, as a compressed natural gas (CNG) specialist on the Cairo Air Improvement Project (CAIP) designing CNG fuel systems and national safety standards for natural gas transit buses and fueling stations in Egypt. From 1995 until 1998, Mr. Turner was director of technology for Natural Gas Vehicles for America (NGVAmerica). In this capacity Mr. Turner managed all technology-related issues for the organization, as well as the development of national safety standards for natural gas vehicles and fueling infrastructure. Mr. Turner earned his BS in mechanical engineering from Washington University in St. Louis, and his MBA from the UCLA Anderson School of Management in Los Angeles.

Dave Uncapher is the sourcing and logistics operations leader for Owens Corning, a Toledo-based global company that produces building materials and fiberglass products. Mr. Uncapher has been in the logistics and transportation industry for 25 years. He began his career in transportation with UPS, where he spent 18 years managing operations including the Toledo Hub and Indianapolis Hub. Mr. Uncapher also spent time in the 3PL arena with Ryder Logistics directing JIT parts delivery for Toyota and with Hub Group as director of their Highway Services before joining Owens Corning in 2011. His role with Owens Corning includes the procurement of all modes of transportation and the design of the carrier strategies to meet the customers’ service expectations.

Stuart Weidie is the founder of the propane autogas industry coalition Auto Gas for America, president of the nationwide autogas fueling and vehicle network Alliance AutoGas, and chief executive officer of the Blossman Companies. As the unified voice of the US propane autogas industry, AutoGas for America aims to lower harmful emissions and reduce the nation’s dependence on foreign oil by running more fleets on clean, American-made propane autogas. Alliance AutoGas, comprised of over 90 member companies nationwide, is the nation’s only all-inclusive, complete program designed to help fleets shift from gasoline or diesel to autogas or a diesel-propane blend seamlessly and cost effectively. The Alliance AutoGas program includes vehicle technology, EPA-certified conversions, refueling infrastructure, data
integration, fuel supply, and training to keep fleets up and running on autogas. Through his work with AutoGas for America and Alliance AutoGas, Mr. Weidie leads the movement to power America’s fleets on propane autogas, the world’s most widely used alternative fuel. Mr. Weidie holds a BA from the University of New Orleans and a master’s degree from the College of William and Mary. He is the vice-chairman of the National Propane Gas Association.

David West is co-founder of VIA Motors and currently serves as chief marketing officer. He served previously on the board of directors of Raser Technologies, an electric vehicle and renewable energy development company. He also served as chairman of the Plug-in Hybrid Development Consortium, which he co-founded with Pacific Gas & Electric, Southern California Edison and other leading utilities and technology companies including A123 Systems. In cooperation with the consortium, Mr. West helped lead a joint development program with General Motors building the first extended range electric SUV and light-duty truck. In addition, Mr. West led a national “Green Fleet” program working with government, utility, and municipal fleets. Mr. West was recently called to testify before the Senate sub-committee on electrification of transportation and met with the President’s chief of staff in the White House along with Steven Chu, the Secretary of Energy, and Carol Browner, former head of the EPA and the president’s advisor on climate change, to discuss plans to electrify America’s large working fleets.

Ashley White is manager of logistics sustainability for The Kroger Company, headquartered in Cincinnati, Ohio. The Kroger Company operates 2,700 stores with formats that include grocery and multi-department stores, convenience stores and mall jewelry stores. The Kroger Company operates under nearly two dozen banners, all of which share the same belief in building strong local ties and brand loyalty with their customers. Ms. White began her career in 2003 as an environmental engineering consultant and has worked on such projects as the Gateway Cities Council of Governments Clean Diesel Grant Program, The Port of Long Beach and Los Angeles Clean Air Action Plan, many port Clean Trucks Programs, as well as rail, ocean-going vessel, and off-road equipment clean technology projects. Ms. White has spent her career focused on logistics, transportation and sustainability. She joined Kroger in January of 2013. Ms. White earned a bachelor’s degree in industrial engineering at the California State Polytechnic University of San Luis Obispo, with a special focus on mechanical engineering. Ms. White is a member of the Yokkaichi/Long Beach Sister City Association, Women in Transportation, and the Women in International Shipping and Trading organizations.

Chris White has led communications, outreach, and marketing for the California Fuel Cell Partnership (CaFCP) for the past eight years. She identifies strategies and tactics that prepare communities, stakeholders, and future customers for fuel cell electric vehicles and hydrogen stations. Before CaFCP, Ms. White was IBM’s spokesperson for new technology. For most of her career, she has represented products that are not yet for sale. Ms. White is

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active in the West Sacramento community where she lives and works, and is on the Board of Directors for the West Sacramento Chamber of Commerce.

Roy Willis is the president and chief executive officer of the Propane Education & Research Council. He has led the organization since it began operations in 1998, producing award winning public education campaigns, world-class safety and training programs, and a research and development portfolio that has helped incubate and commercialize a wide array of clean, efficient propane-powered vehicles, appliances, and equipment. Mr. Willis’ career in the energy sector began in his teenage years working as a laborer in the oil and gas fields of Louisiana, Texas, and the Gulf of Mexico. He was actively involved in energy policy for more than two decades, serving in staff roles in the Louisiana legislature and the US House of Representatives. He was senior vice president and acting president of the Independent Petroleum Association of America and chairman of the National Energy Resources Organization. He is the founding chairman of the Global Technology Network within the World LP Gas Association and is a long-standing member of the WLPGA Industry Council. A US Navy veteran, Roy Willis holds degrees in communications and law.

Cheryl Wilson is a natural gas analyst with Bloomberg New Energy Finance. Her analysis has advised governments, oil majors, and technology suppliers on policy, investment, economics, and market potential across several energy sectors, including gas and carbon capture and storage. She has published on the upstream US gas markets, the economics of gas demand in transportation, on the global drivers of CCS, and on US and Canadian energy policy. Ms. Wilson has spoken at numerous industry-wide conferences and has been quoted in the press, including Bloomberg News and Greenwire. Prior to joining Bloomberg New Energy Finance, Ms. Wilson worked at The Climate Group. She has an MPA from Columbia University, with a focus on climate and energy policy, as well as an MSc from Queen’s University (Canada) in long-term climate science. She has two academic publications in the *Proceedings of the National Academy of Sciences and Quaternary Science Reviews*.

Eric Woods is vice president of fleet supply chain for Waste Management. Over his career, Mr. Woods has become an expert in deploying alternative vehicle technologies. While completing his MBA, he held the position of national director of fleet for Frito Lay. He then returned to Georgia Institute of Technology to earn an MS in supply chain strategy, and was the catalyst for the deployment of natural gas vehicles across the Waste Management enterprise.

Ian Wright, a successful racing competitor and amateur race car constructor, has fused his “need for speed” with his love of high-tech engineering. Mr. Wright co-founded Tesla Motors in 2003, and then founded Wrightspeed in 2005. Wrightspeed, an automotive engineering and manufacturing company based in Silicon Valley, is building complete range-extended powertrains designed for the high-power commercial fleet truck market.

Mike Yohe has over 17 years of airport parking and shuttle management experience. He currently serves as the general manager of shuttle operations for Ace Parking Management, Inc. and oversees the shuttle bus operation at the San Diego International Airport. Previously, Mr. Yohe was with Diamond Parking in Spokane, Washington, where he managed the off-airport parking, valet parking, and a 1,000 unit self-storage facility at the Spokane International Airport. Mr. Yohe was with Park ‘n Ride in San Diego from 1997 until 2004. He has earned the accreditation of Certified Parking Professional (CPP) from the National Parking Association and has a BA in communications from the University of California, San Diego. He has been an advisory board member for BusCon since 2010.

Geri Yoza is the national business planning manager in Toyota Motor Sales, USA’s North American Business Strategy Group in Torrance, California. She is responsible for defining and implementing market launch and business plans—including developing and advocating consumer-centric policies and processes—to support Toyota’s Prius Plug-in Hybrid and RAV4 EV, the expansion of electric drive technology, and the introduction of Toyota’s fuel cell vehicle. Ms. Yoza has over 26 years of experience with Toyota in the areas of marketing, advertising, environmental strategy, and product planning. As marketing product manager, she played a key role in the launches of the first gen Prius and first generation RAV4 EV. Ms. Yoza has a BA and MBA from the University of Chicago.

William (Bill) Zobel is vice president of market development and strategy for Trillium CNG. Trillium designs, builds, and operates a network of compressed natural gas (CNG) refueling stations across the US. Mr. Zobel has 27 years of experience in the energy sector covering a wide range of issues and responsibilities. Prior to Trillium, Mr. Zobel managed the Sempra natural gas and electric vehicle clean transportation program. In previous assignments Mr. Zobel managed environmental and climate change policy for Sempra Energy and served as director of strategy and business analysis for BP North America where he helped develop BP’s national presence following the merger of BP and ARCO. In 15 years with ARCO, Mr. Zobel successfully served in a variety of management positions where he was instrumental in developing and promoting landmark regulatory programs including RECLAIM - the nation’s first multi-pollutant emissions trading program. Mr. Zobel serves on the boards of Natural Gas Vehicles for America, and the California Natural Gas Vehicle Coalition which he chaired from 2007 to 2009. Mr. Zobel holds a BS in chemical engineering from California State University, Long Beach, and is a graduate of Columbia University’s executive business program.
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ACD, LLC is a leading manufacturer of cryogenic pumps and turbo expanders for the alternative fuels, industrial gas, and oil industries. Its diverse product line includes a variety of cryogenic pumps for LNG quick disconnect, LNG nozzles for fueling services, high pressure cylinder/storage filling systems, trailer off-loading, bulk transfer, LNG bunkering operation, and storage tank filling. The CI Service Companies also offer knowledgeable advice on product selection, technical support and trouble-shooting, pump installation, overhaul, and field repair. With additional in-house pump training programs, customers are given operational instruction and provided with current technologies to ensure pumps are operating with the highest efficiencies. With nearly 50 years of experience, ACD continues to offer highly engineered solutions to the most challenging problems in cryogenic equipment design and operation.

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AC SA is a Polish leader and an important world’s manufacturer of automotive CNG/LPG systems under the STAG brand. AC offers more than 200 autogas products, including controllers for CNG/LPG systems which account for the largest part of the offering. The flagship element of the sales offered is a series of products under the STAG brand, perhaps the most recognizable and most frequently purchased brand of electronic components for gas automotive systems in the market. The key business segment of AC SA is gas systems, but the company also offers parts and components used in the automotive industry. The products offered by AC SA are delivered to more than 40 countries all over the world, providing safe, cost-effective, and environmentally friendly solutions. The policy followed by the company focuses on the principal objective, which is: customer satisfaction by supplying top quality innovative products.

Advanced Biofuels USA
Advanced Biofuels USA, a 501(c)3 nonprofit educational organization, advocates for the adoption of advanced biofuels as an energy security, economic development, military flexibility and climate change/pollution control solution. Our website, www.advancedbiofuelsusa.org, is a one-stop-shop library of information about advanced biofuels for those who are new to the topic, as well as those who are well versed. Join the thousands of industry professionals, journalists, opinion-leaders, legislators, decision-makers, students, and teachers who use this resource regularly. See our “Biofuels Basics” section for introductory materials, or search by keyword or category for specific articles and studies.
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Advanced Charging Technologies, based in Fullerton California, is a well known leader for charging technology in the material handling market with our line of fast, opportunity, and conventional chargers. We pride ourselves in developing energy-saving technology which benefits our environment. Our entire product portfolio exceeds or meets the California Energy Commission-compliant (CEC) energy efficiency standards. Supporting the push towards clean energy, A.C.T. EV was created to develop the same energy-saving technology for the EV market. A.C.T. EV recently introduced a very affordable and customizable line of both residential and commercial Level 2 and DC fast chargers with the technical, service, and sales support to bring this product line to the market. We can replace existing charging solutions and can assist in upgrading to “Smart” networked solutions that incorporate point of sales systems. With our compact Level 2 Residential Wall Mount, Commercial Level 2 Wall Mount and Pedestal, as well as our DC Fast Charging stations, A.C.T. will be driving the Clean Energy Movement in the EV Market for years to come.
www.act-chargers.com

Adventure
Adventure JSC manufactures reformers for the generation of hydrogen on-demand and on-board for fueling ICE and FC. The hydrogen generating systems (H2GS) are adapted for gasoline, diesel, natural gas, and methanol. The H2GS achieve fuel savings of up to 20 percent and a significant reduction of the toxic emissions (NOx - less than 5 ppm, CO – less than 0.15 percent, CO2 – less than 10.5 percent, no PM). No alteration of conventional ICE is required. Adventure’s product line also includes environmental catalysts for control of emissions from ICE and for purification of the hydrogen fuel from CO impurity. The purifying catalyst is highly selective and guarantees minimal loss of H2 during the purification process.
www.adventure.overgas.bg

AEB SpA
AEB Alternative Fuel Electronics designs and builds the complete range of electronic devices for converting vehicles to run on LPG or CNG: injection systems, injection rails, feedback systems, timing advance processors, emulators, switches, sensors and indicators, and all the accessories that can optimize the car’s transformation and operation. AEB is certified UNI-EN-ISO-9001/2000 and ISO TS 16949, thanks to the constant care given to R&D. The exclusive use of automotive components and state-of-the-art technological processes assures customers the highest quality standards at competitive prices. AEB products are completely made in Italy.
www.aeb.it

AFV Natural Gas Fuel Systems
AFV is a vertically integrated American manufacturer of fuel systems and components for the natural gas vehicle industry (NGV, LNG). Our products are manufactured in the US and tested and approved by TÜV and others to meet or exceed industry standards of ECE-R-110 and NGV. AFV is specifically focused within the NGV/LNG, OEM, and retrofitter-based markets. The AFV team consists of over 20 dedicated associates using modern, efficient, and state-of-the-art equipment and tools. When needed, support is provided by more than 225 dedicated SSP associates in our 165,000 square foot vertically-integrated facility.
www.altfuelexpress.com
Partners, Sponsors, and Exhibitors

**Agility Fuel Systems**
Agility Fuel Systems is the leading designer and producer of alternative fuel storage and delivery systems for heavy-duty trucks and buses. The result of joining two industry-leading companies, Agility combines FAB’s world-class expertise in compressed natural gas and liquid natural gas fuel storage systems with Enviromech’s engineering talent. Our systems can be fueled by compressed and liquid natural gas, as well as by hydrogen and other alternative fuels. With an exceptional strength-to-weight ratio and minimal footprint, Agility systems have a proven track record of economy and reliability and have been used on thousands of vehicles. Providing timely, world-class advice, engineering, installation support, and aftermarket service, we make it easy for our customers to modernize their fleets. We manufacture mobile refueling stations used to transport and deliver CNG, hydrogen, and other industrial gases. Our engineering expertise, outstanding field support, and proven on-road performance have earned us the trust of fleets operating under demanding conditions. Agility Fuel Systems provides the most trusted natural gas fuel systems in the industry, period!

www.agilityfuelsystems.com

**Agira**
Agira is a leading company in technology applied to compression of natural gas. Its manufacturing plants in Argentina produce all the products it sells worldwide. The Agira technology stands out for its unique, robust design that increases the performance in the long-term with minimum maintenance. Since its beginning, Agira has constantly searched for new challenges in different parts of the world where it can check the performance of its technology in the most varied conditions of use.

www.agira.com.ar

**Alex Sp. z o.o.**
Alex Sp. z o.o. is a manufacturer and a trading company with more than 15 years of experience in the field of alternative vehicle fuel supply systems. Our products are the original and reliable solutions in the field of LPG/CNG installations. We carry out our projects from beginning to end—starting with our own construction department, through machining and plastics manufacture, and ending with professional assembly lines. We are flexible and dynamic, which allows us to react to the needs of the market as well as the individual client. Our offering consists of modern LPG/CNG conversion kits—Optima and Alex by AEB, Rail-001 Alex, Barracuda and Napoleon injectors, Shark LPG reducer, and Ultra 360° filter, as well as thermoplastic pipe, electro valve, valve saver fluids, and other accessories.

www.autogaz-alex.pl

**Alliance AutoGas**
Alliance AutoGas is partnering with PRINS and BL Energie, USA for this year’s ACT Expo. Alliance AutoGas is comprised of more than 90 companies nationwide and is America’s only complete program to transition fleets to clean-burning propane autogas. The Alliance AutoGas program includes vehicle technology, EPA-certified conversions, refueling infrastructure, data integration, fuel supply, and all the training needed to keep fleets up and running on autogas. PRINS Alternative Fuel Systems, Inc., a group company of SHV Energy with headquarters in the Netherlands, has been a world leader in the development of alternative fuel systems for more than 25 years. Alliance AutoGas is the US authorized distributor for PRINS autogas technologies. BL Energie, USA specializes in propane/diesel displacement systems for diesel vehicles which reduce greenhouse gas emissions and achieve fuel savings of 15 percent or more. BLE, USA utilizes the PRINS LPG conversion system for diesel engines.

www.allianceautogas.com

**Allied Equipment**
Allied Equipment, Inc. is the nation’s premier supplier of CNG storage spheres. With more than a decade of experience in the industry, Allied Equipment, Inc. is the longest lasting, most dependable, largest manufacturer of CNG storage spheres in the nation. Our longevity has enabled us to build a network of top tier distributors throughout the country. Allied Equipment, Inc. offers 5500 psig spheres designed with the ASME’s highest fatigue rating of “greater than 1 million life cycles.” Our recent inventory investments insure shorter than average lead times. We offer the highest quality and shortest lead times in the industry.

www.alliedeq.com
Williams Co. Inc.

Williams, a global provider of energy services and equipment, is one of the world’s largest independent producers of natural gas and a leading provider of natural gas liquids (NGL) processing and transportation services. We are also a leader in the development of natural gas delivery solutions. Williams is one of the few energy companies with a balanced portfolio of businesses that includes exploration and production, natural gas midstream, and NGL processing and transportation. We are committed to providing our customers with reliable, cost-effective energy solutions.

4121 Brandywine Parkway
Columbus, OH 43219

(614) 793-3500
www.williams.com

American CNG

American CNG, LLC is America’s source for CNG cylinders, brackets, valves and other high pressure CNG components. We distribute some of the most trusted names in the industry including Quantum, Wire Tough, CPI, Kioshi, Luxfer, Rotarex, and more. We have hundreds of cylinders and CNG components in stock and most ship within 24 hours. We have two Utah locations (West Bountiful and SLC) and two Oklahoma locations (Tulsa and OKC) to better serve our customers. We genuinely look forward to serving you and your team. We answer our phones, reply to every email, provide great online support and basically try to serve our customers better than anyone in the CNG industry. We are proud that our amazing service has helped us become the lead supplier for many of the largest CNG conversion shops in the United States.

www.americancng.com

American Council On Renewable Energy

ACORE, a 501(c)(3) non-profit membership organization, is dedicated to building a secure and prosperous America with clean, renewable energy. ACORE seeks to advance renewable energy through finance, policy, technology, and market development and is concentrating its member focus in 2014 on national defense and security, power generation and infrastructure, and transportation.

www.acore.org

American Honda

American Honda is proud to do its part to develop sustainable transportation options, striving to be a leader and a company “society wants to exist.” Named America’s “Greenest Automaker” by the Union of Concerned Scientists (UCS) in its most recent ranking, American Honda continues to pioneer leading edge technologies to benefit the environment and address energy diversity issues. Among its alternative fuel vehicle offerings are: the Honda Civic Natural Gas, the cleanest internal combustion vehicle in the world (according to the US EPA); the Accord Plug-in Hybrid Electric Vehicle, the first vehicle to meet ARB’s new SULEV 20 standard, the most stringent tailpipe emissions regulation in the nation; the Fit EV, ranked among the top vehicles on the ACEEE “Greenest Vehicles” list; and, the FCX Clarity, the world’s first purpose-built hydrogen fuel cell electric vehicle.

www.honda.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. The Clean Alternative Fuel Conversion System is US EPA-approved and engineered to work with existing engines so it transforms existing equipment into lean, clean power systems. Simply put, it’s reshaping the future of green energy for a better tomorrow.

www.americanpowergroupinc.com

American Trucking Associations

American Trucking Associations is the largest national trade association for the trucking industry. Through a federation of 50 affiliated state trucking associations and industry-related conferences and councils, ATA is the voice of the industry America depends on most to move our nation’s freight. ATA’s mission is to serve and represent the trucking industry with a single, united voice to influence policies beneficial to the industry; promote safety on America’s highways; improve the industry’s image, efficiency, and competitiveness; educate the public about the critical role trucking plays in the economy; research significant industry issues; all while striving for a healthy business environment.

www.trucking.org
Partners, Sponsors, and Exhibitors

America’s Natural Gas Alliance
Representing North America’s leading independent natural gas exploration and production companies, America’s Natural Gas Alliance (ANGA) works with industry, government, and customer stakeholders to promote increased demand for our nation’s abundant natural gas resource for a cleaner and more secure energy future and to ensure its continued availability.

www.anga.us

ANGI Energy Systems
ANGI Energy Systems is a privately held North American company that designs and manufactures systems for compressed natural gas (CNG) vehicle fueling and tube trailer transport. Natural gas fueling equipment is our core business. We provide a specialized team of sales, project management, engineering, and field support experts who work with each customer to analyze their unique fueling needs, supply complete fueling solutions, and coordinate to required standards and codes. Since 1983, we have grown to be North America’s leading supplier of CNG refueling equipment for natural gas vehicles by providing reliable and innovative systems. We deliver leading edge CNG equipment with the lowest overall life cycle costs and have a long-standing reputation as a leader in the high pressure compression industry. ANGI provides superior customer service, project management, maintenance, and training programs that ensure the success of a project.

www.angienergy.com

Aqua-Hot Heating Systems
Aqua-Hot® Work Ready™ hydronic heating systems are configurable to your fleet requirements. Available for natural gas (CNG/LNG), autogas and diesel fuel sources, there are single and multi-circuit systems that support clean air and your ROI. Cold weather introduces stresses on your equipment and your workers. With Work Ready™ products, you are able to have your vehicles ready before the first shift starts. Preheat engines, hydraulics, oil, DEF tanks, pressure regulators, operator cabins, cargo and workshop boxes and even external water or fluid tanks; and, keep them warm all day — no idling. The Work Ready multi-circuit heaters are even approved for use in living areas and are equipped for shorepower plug-in. Work Ready™ natural gas single and dual circuits are CARB approved.

www.aquahot.com

Argentine CNG Association
The objective of the Argentine NGV Association is to provide natural gas solutions and equipment to the transportation sector. We provide strategic, economic, and environmental experience to the global market, through: sustainable mobility with natural gas vehicles and other applications, using alternatives such as CNG, hydrogen, and blends of natural gas and hydrogen; CNG mother/daughter stations facilitating the supply and use of natural gas in farms, mining, commercial, and industrial activities and for CNG vehicle refueling stations; and fast, ultra-high flow equipment for dispensing CNG to buses and heavy-duty transport. The value chain of the mentioned industries includes production of the pertinent components such as cylinders, compression units, CNG fuel system kits, diesel oil heavy-duty transport transformation to CNG, qualified training for potential installers, and creative international standards applications.

www.gnc.org.ar/en

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 shipped 45,000 compressors 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 2013 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. Ariel’s standard warranty covers every part for one year, and the frame, guide, and running gear castings for three years (it is extendable to two years and six years, respectively). Restrictions apply.

www.arielcorp.com
ASCO Numatics
ASCO's fluid control products and Numatics’ fluid power products have come together to offer comprehensive fluid automation solutions for a wide range of industry-focused applications. When combined with our deep process expertise, these solutions provide lower cost of ownership, greater asset availability, and improved productivity. The company's product line includes over 50,000 solenoid valves, an extensive selection of air preparation and control equipment, and a comprehensive set of position indicators. ASCO Numatics products and technologies are ideal for life sciences, power generation, biofuels, food and beverage, air ride suspension, petroleum and chemical, water and wastewater, pulp and paper, packaging, commercial appliance, and HVAC.

www.ascovalve.com

Asia Pacific Natural Gas Vehicles Association
The Asia Pacific Natural Gas Vehicles Association (ANGVA) was established in 2002 and is a trade association for the natural gas vehicles industry in the Asia Pacific region. It serves the needs of all stakeholders in the NGV industry and markets such as gas suppliers, equipment manufacturers, refueling stations, vehicle manufacturers, conversion workshops, government agencies, consumers, etc. ANGVA’s vision is “To lead and promote Asia Pacific's NGV Industry towards sustainable growth” through the promotion and development of a safe, profitable, and sustainable market for natural gas as an environmentally friendly, economically viable, and energy security fuel for the transport sector. The activities of the Association are governed by the board and its committees and implemented by the secretary.

www.angva.org

Aspro
Aspro is the largest manufacturer of CNG compressors and CNG fueling equipment in the world with over 4,000 CNG fueling systems operating in 29 countries. Aspro’s nearly 30 years of in-house engineering, design, manufacturing and packaging of compressors, dispensing, and other CNG system components assures you that Aspro has the products, experience, and expertise to support all your CNG fueling requirements. Pearce Sales Agency, LLC (PSA) operates as the exclusive representative and North American packager of Aspro compression systems for the US market. You can rely on PSA/Aspro to be your single source for CNG compression, dispensing, storage, drying, and fuel management equipment—then count on us to support the products we supply.

www.asprognic.com

Atlas Copco
Atlas Copco provides customers with access to the most reliable, cost effective, and technologically advanced equipment available for NGV fueling applications. With nearly 100 years of NGV and compressor development experience, we offer a complete product line of high pressure CNG compressors, dryers, storage, and dispensers with expert installation and service. Atlas Copco has made strategic acquisitions, including Greenfield Compression and Intermech Ltd., to further support our development of NGV fueling technology. More recently we expanded our operations by opening a new state-of-the-art 96,000 square foot facility, staffed by industry-leading specialists, to further support our customers with superior support and solutions.

www.atlascopco.us

Auto-Gaz Centrum
Auto-Gaz Centrum, since its establishment 17 years ago, cooperates with Italian companies whose traditions in gas conversion systems go back to the ’70s. We introduce many ideas and innovations that aim at making the quality of assembling gas car installation systems easier. The products we offer are tested many times, which ensures long-term reliability. Our years of knowledge and experience have resulted in a wide range of products. We have foreign branches in many countries on different continents. Our presence is emphasized by participating in most of the exhibitions and fairs connected with automobile market in the world. Auto-Gaz Centrum exports its products to over 30 countries on 5 continents. The number of our partners and branches is still growing as well as the number of authorized installation points. In Poland, our number of branches has increased above 1,000.

www.agcentrum.pl
Partners, Sponsors, and Exhibitors

**AVL North America**

AVL is the world's largest privately owned and independent company for the development of gasoline, diesel, alternative fuel, electric, and hybrid powertrain systems. The company offers combined solutions of powertrain engineering, simulation software, testing, and instrumentation systems. AVL's North American Headquarters is located in the Detroit suburb of Plymouth, Michigan. AVL Test Systems, Inc. supports customers throughout their development process to supply the best simulation, measurement and testing technology at every stage, from initial prototype development and calibration through the full production cycle. The comprehensive portfolio of products ranges from individual items of testing equipment and instrumentation to complete powertrain test bed installations. AVL Powertrain Engineering, Inc. (PEI) was established in 1994 to serve North American clients directly. The engineering capabilities and development facilities in PEI allow AVL to conduct a full range of projects from simple analysis of detailed powertrain aspects through to total engine concept design and development.

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

**BASF Corporation**

At BASF, we are leveraging our know-how in materials science and surface chemistry to develop leading-edge solutions for the energy storage market. Our innovative metal organic framework materials (MOFs) are porous, high-surface area crystalline structures which allow gases to be efficiently stored. The increased efficiency can significantly expand the storage capacity of tanks containing compressed gases such as natural gas and hydrogen. Currently, BASF is primarily focused on developing MOF materials for vehicular applications. To learn more, visit us at booth #828.

[www.catalysts.basf.com/mof](http://www.catalysts.basf.com/mof)

**Bauer Compressors**

Bauer Compressors, Inc., known for its superior quality, state-of-the-art innovation, and lowest cost of ownership, has introduced its next generation of large capacity CNG Compressors, the C26 X-Fill series. This series, spanning the 125–175 HP range and featuring Bauer’s newest state-of-the-art high inlet pressure compressor, will complement the existing wide range in BAUER’S extensive CNG systems portfolio. The C26 X-Fill has been engineered to achieve large capacity performance in an attractive and extremely quiet package, which makes it particularly suitable for densely populated areas where low noise and visual appeal is of importance. For more information visit booth #1134 at the ACT 2014 Expo, or contact BAUER Compressors or a BAUER Distributor located in your area.

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

**Bay Area Air Quality Management District (BAAQMD)**

The Bay Area Air Quality Management District (BAAQMD) is at the forefront of improving air quality and protecting the global climate for the seven million residents of the San Francisco Bay Area. Through policies, incentives, and public/private partnerships, the BAAQMD is the Bay Area’s leading proponent of clean air vehicle and technology projects, having awarded more than $400 million to clean fleet projects since 1992. In June 2013, the BAAQMD’s Board of Directors authorized the allocation of $8.25 million that will be awarded in 2014 – 2016 to projects that deploy alternative fueled vehicles and infrastructure. Additionally, the BAAQMD served as the Bay Area’s lead administrator for the development of the PEV Readiness Plan, which was sponsored by the US Department of Energy and the California Energy Commission, and ensures that PEV infrastructure and vehicle deployment efforts are coordinated with regional needs. The BAAQMD is proud to be a member of the California Plug-in Vehicle collaborative and will continue to be a major supporter of the development and deployment of zero-emission technologies.

[www.baaqmd.gov](http://www.baaqmd.gov) | [www.baaqmd.gov/EVReady](http://www.baaqmd.gov/EVReady)

**Beijing Tianhai Industry Co., Ltd.**

Beijing Tianhai Industry Co., Ltd. (BTIC) is the biggest cylinder manufacturer in the world. Millions of BTIC CNG cylinders have been deployed to North America, South America, Southeast Asia, and other places around the world. BTIC is currently the only CNG cylinder manufacturer in China meeting NGV2 & DOT specifications for Type 2 and Type 3 cylinders. Our popular Type 3 21-inch by 60-inch cylinder is in the process of being tested. As a Chinese CNG cylinder manufacturer with a reputation for manufacturing quality products, we take pride in the excellent service we provide to OEMS, fleets, conversion companies, and distributors.

[www.btic.cn](http://www.btic.cn)
**Bennett Pump Company**
Bennett Pump Company is a leader in alternative and traditional fuel dispensers and global equipment manufacturer (OEM) and components supplier to more than 30 dispenser manufacturers around the world. Bennett has more than 95 years of experience in the fuel dispenser business and is headquartered in Spring Lake, Michigan.

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

**Beverage World**
*Beverage World* magazine is intelligence for the global drinks business—in print, online, and in-person. *Beverage World*, an established brand for over 130 years, is run by a veteran team of editorial, sales, and marketing professionals with nearly 70 collective years of experience in beverage magazine publishing, digital media, and conference management. Both the magazine and BeverageWorld.com provide beverage marketers, producers, and distributors with in-depth editorial, essential news and exclusive research on the issues, trends, people, and companies shaping the beverage market. *Beverage World* is published monthly in print and digitally, and hosts two annual events—BevOps Fleet Summit for the beverage supply chain and The Beverage Forum, the only global, all-beverage executive conference. *Beverage World* is part of New York-based Macfadden Communications LLC.


**Bitrode Corporation**
Bitrode Corporation, a Sovema Company, is a leading manufacturer of battery charging and testing equipment with over 50 years of experience in the battery industry. By partnering with our customers to integrate their special requirements into our products, Bitrode is consistently able to meet the changing needs of a sophisticated market. We offer an extensive product line of formation and laboratory test equipment, user-friendly software and manufacturing automation tools appropriate to all battery applications and chemistries. Our focus on quality and a commitment to providing superior technical service and support drives us to be the best full-service manufacturer of formation charging and test equipment for both large and small cell markets.

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

**Bloomberg Businessweek**
With nearly 4.7 million readers worldwide and the latest insights for industry insiders, Bloomberg magazines bring you a wealth of valuable information that sits above the news cycle. Combining the innovation of Bloomberg with the tradition of insight and depth of Businessweek, *Bloomberg Businessweek* offers a global perspective to help senior executives profit from smarter, faster, and more informed decisions. In fact, *Bloomberg Businessweek* reaches more C-level executives than any other business magazine. In addition, *Bloomberg Markets* is the magazine for the global financial elite. Visit our website to learn more about key players, track firms on the cutting edge, and read about the latest investment strategies and their impact on the global economy.

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

**Bloomberg New Energy Finance**
Bloomberg New Energy Finance is the definitive source of insight, data, and news on the transformation of the energy sector. With unrivaled depth and breadth, we help clients stay on top of developments across the energy spectrum from our comprehensive web-based platform.

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

**Blu. Transfuels**
Blu. is dedicated to providing liquefied natural gas stations and solutions for the US heavy-duty trucking industry. Headquartered in Salt Lake City, Utah, Blu. is building a network of LNG and L/CNG fueling stations throughout the United States. Blu. is committed to playing an integral part in bringing energy independence to our nation by creating the stations that will allow the American trucking industry to operate on fuel obtained within our own country. Blu. is helping communities realize the economic benefits that come with building up our country’s natural gas station infrastructure. Blu. has created over 100 US-based jobs and brought significant savings to trucking fleets at the pump. In addition, Blu. will help reduce the carbon footprint of each trucking fleet that switches from diesel to natural gas by more than 25 percent, thus making our air cleaner and helping the environment.

[www.bluling.com](http://www.bluling.com)
Partners, Sponsors, and Exhibitors

Bosch

The Bosch Group is a leading global supplier of technology and services. According to preliminary figures, its roughly 281,000 associates generated sales of 46.4 billion euros ($61.6 billion) in 2013*. The Bosch Group comprises Robert Bosch GmbH and its more than 350 subsidiaries and regional companies in some 60 countries. If its sales and service partners are included, then Bosch is represented in roughly 150 countries. Its operations are divided into four business sectors: automotive technology, industrial technology, consumer goods, and energy and building technology. The Bosch Group’s products and services are designed to fascinate, and to improve the quality of life by providing solutions which are both innovative and beneficial. In this way, the company offers technology worldwide that is “invented for life.” (*Due to a change in legal rules governing consolidation, 2013 figures can only be compared to a limited extent with 2012 figures. Exchange rate: 1 EUR = $1.32812 [or 16.96406 MXN or $1.36837 CAD].)

Follow us on Twitter at http://twitter.com/BoschPresse.


BSR—Future of Fuels

BSR works with its global network of over 250 member companies to build a just and sustainable world. From its offices in Asia, Europe, and North and South America, BSR develops innovative business strategies and solutions through consulting, research, and cross-sector collaboration. Future of Fuels is a collaborative BSR initiative that aims to create a transportation fuel system that is sustainable, resilient, and affordable. We do this by bringing together influential practitioners from the private, nonprofit, public, and academic sectors to explore the impacts of fuel and what companies can do to address them through more creative collaborations. Future of Fuels currently has approximately ten large company members including Coca-Cola, PepsiCo, UPS, Volvo Group, CSX, and Walmart. Our objectives are to accelerate low-carbon development, improve the sustainability of all fuels, and build better public dialogue and understanding. With these companies and a wider network of collaborators, we are working toward our objectives through a series of research papers, facilitated discussions, and innovative partnerships.

www.bsr.org/futureoffuels

California Electric Transportation Coalition

CalETC is a non-profit association promoting clean air and fuel diversity that is working to combat climate change through the use of electric transportation. Over the last 15 years, electric off-road equipment has become commonplace with forklifts, airport equipment, lawn equipment, and other types of off-road equipment transitioning to clean electricity. This transition has resulted in significantly lowering the use of petroleum in these various categories, paving the way for the next wave of on-road, large-scale deployment of electric vehicles. With every major auto maker producing an electric vehicle, California is poised to continue to lead the transition of the transportation fuels sector towards electricity and greater fuel diversity overall. CalETC will continue to support all aspects of the transition to electric transportation, working closely with our government, environmental, and industry partners to ensure success.

www.caletc.com

California Fuel Cell Partnership

Like any emerging technology, hydrogen stations and fuel cell electric vehicles present a classic chicken-and-egg dilemma: which comes first? CaFCP has the answer—customer-friendly stations must come before vehicles. Research shows the ideal locations are within six minutes of a driver’s home or office, and that early drivers also want the freedom to travel statewide, including destinations like Palm Springs, Napa and Lake Tahoe. Visit CaFCP’s booth #732 and learn which gas stations near you are adding hydrogen to support the introduction of FCEVs in fleet and private use.

www.caafcp.org

California Hydrogen Business Council

California is where hydrogen gets down to business. And the California Hydrogen Business Council (CHBC) is the vital link between hydrogen-technology developers, businesses, energy leaders, government, and infrastructure providers. A 501(c)(6) non-profit organization, members share a common vision of clean energy and transportation fueled by hydrogen. The California Hydrogen Business Council brings a deeper understanding of the use of hydrogen in energy and transportation to a variety of market segments. California Hydrogen Business Council members are poised to directly implement the technology and service solutions necessary to make the hydrogen economy an environmental and commercial success.

www.californiahydrogen.org
Partners, Sponsors, and Exhibitors

California Natural Gas Vehicle Coalition
The California NGV Coalition is an association of natural gas vehicle and engine manufacturers, utilities, fuel providers and fleet operators serving the state. We are united in the belief that clean-running NGVs—a proven technology in use worldwide—can help California reduce greenhouse gas emissions, air pollution, and petroleum dependence now. The Coalition is the industry’s premier advocacy organization in California. We work with legislators and regulators to develop policies that will increase alternative fuel and vehicle use, support new initiatives, and provide up-to-date information on NGV technology and market developments. We also advise stakeholders on testing and demonstration programs and help NGV-related businesses break into the California market.

www.cngvc.org

California Natural Gas Vehicle Partnership
The California Natural Gas Vehicle Partnership (CNGVP) is an alliance of private and public entities interested in increasing and strengthening the penetration of low-emission natural gas vehicles, technologies, and infrastructure throughout California. The organization’s collaborative, full-spectrum approach has helped to deliver the promise of clean transportation choices by promoting enhanced knowledge, research and development, demonstration and deployment, accessibility and commercialization, and legislative support for natural gas vehicles as an important component in today’s urban clean air tool kit. The success of these efforts in California has served as a model for low-emission, alternative fuel initiatives in other states and mega-regions across the country and around the globe.

www.cngvp.org

Canadian Natural Gas Vehicle Alliance
The Canadian Natural Gas Vehicle Alliance (CNGVA) promotes the sustainable growth of natural gas vehicles, refueling infrastructure, and renewable gaseous fuels for the benefit of Canada’s economy and environment. Natural gas transportation technologies provide proven, commercially-available solutions that reduce emissions while using lower cost fuel. Our members are the leading Canadian companies active in engine and vehicle manufacturing, fuel and infrastructure supply, vehicle conversion, research, and consulting. North America is very well-positioned to reduce emissions from on- and off-road transportation sources by leveraging its abundant natural gas resources. The CNGVA welcomes opportunities to collaborate in growing the North American market for alternative fuels in a safe and sustainable fashion.

www.cngva.org

Carbon War Room
The Carbon War Room is a global nonprofit, founded by Sir Richard Branson and a team of like-minded entrepreneurs, that accelerates the adoption of business solutions that reduce carbon emissions at gigaton scale and advance the low-carbon economy. The organization focuses on solutions that can be realized using proven technologies under current policy landscapes. The Carbon War Room identifies and works in sectors where emissions can be reduced profitably, and where there are barriers preventing greater adoption of low-carbon solutions. Within these sectors, we launch operations and collaborate with the sectors’ stakeholders. The War Room's current operations include maritime shipping efficiency, green capital for energy efficiency in the built environment, renewable jet fuels, smart island economies, and trucking efficiency.

www.carbonwarroom.com

The Cavagna Group
The Cavagna Group, founded in 1949, is a leading manufacturer of equipment and fittings for compressed gases, gas storage, and control. The Group relies on eight vertically-integrated production units in Italy and eight others spread across five continents. Thanks to a distribution network of an additional 15 commercial business units, the Group operates in more than 124 countries worldwide. The Cavagna Group Globalgreen automotive alternative fuel components and systems are specifically designed to meet the most stringent safety and environmental requirements. Our company has developed a series of natural gas solutions fully engineered to meet the needs of OEMs. Our products are acknowledged by national and international standards agencies. Cavagna Group’s proven experience in the LPG automotive industry and expertise in the development and production of high-pressure gas control equipment, ensures the quality and performance of the entire CNG valve range.

www.cavagnagroup.com
CCI Thermal Technologies
CCI Thermal Technologies Inc. is a world leader in the development and manufacturing of advanced heating and filtration solutions for industrial and hazardous area applications. The diversity of our seven brands—Cata-Dyne™, Ruffneck™, Caloritech™, Fastrax®, 3L Filters™, Norseman™ and DriQuik™—represents the broadest based industry expertise, and the range of our technologies enables their application in virtually any environment. Our industry leading Cata-Dyne™ gas catalytic heater provides explosion-proof infrared heating to the natural gas vehicle industry. Together with our proprietary CHS control panel, Cata-Dyne™ supplies safe, reliable, efficient, and versatile infrared catalytic heat for a variety of hazardous area applications. Customized heating solutions are available for specialized applications.
www.ccithermal.com

Centro Motor Corporation
Centro Motor Corporation is the US-based manufacturer of all electric commercial vehicles for applications ranging from logistics and delivery to maintenance, warehouse, airport, and port logistics. Centro’s launch vehicle is the US-built KOMBI EV, a compact utility vehicle with a 50 mile range that features a spacious interior, a payload of 800 pounds and a cargo bed that can support a variety of configurations. The KOMBI EV features a 6.2 kWh Samsung lithium battery, a range of over 50 miles on a single charge with a charge time of 3-5 hours. The combination of Centro’s expertise and its ability to work with strategic suppliers like KLD Energy and Samsung SDI allow it to develop vehicles that bring forward new standards for efficiency, functionality, size, and safety—and establish a new benchmark for affordability. Centro’s drive system has achieved a 250 MPGe rating.
www.cenntromotors.com

Certools
Certools specializes in providing the best solutions in LPG and CNG filtration systems. We offer a wide range of filters for LPG and CNG automotive gas installations; filters for industry, forklift trucks, and gas cylinders; and accessories for gas systems. The products have the necessary approval certificates, and some of them are covered by patent protection. Certools has highly specialized staff which provides high quality products, the modernization of production technology and the continued expansion of our offerings. As a manufacturer with over 20 years of experience and a strong position in the market, we are delivering the goods to the world’s most known original equipment manufacturers of LPG and CNG systems, and for over 500 wholesalers and distributors in the European Union and other countries including Russia, Turkey, Thailand, India, South Korea and Australia. Currently we are in a process of expanding our activities to both Americas.
www.certools.pl

CHARGED Magazine
CHARGED Magazine covers trending technologies, buyer perspectives, and other topics in the electric vehicle industry. Features include vehicle spotlights, product reviews, company profiles, trending technologies, insights, battery and charging technology, energy and environmental politics, and foreign policy.
www.chargedevs.com/magazine

Chart Industries
Chart Industries began pioneering liquefied natural gas (LNG) fueling solutions more than 20 years ago with the development of LNG on-board vehicle solutions, mobile fueling systems, and permanent fueling stations. Today Chart offers LNG liquefaction, distribution, and storage equipment, along with a broad range of end-use LNG solutions for energy, transportation, and industrial applications. To learn more about how to take advantage of low cost, clean-burning, and safe fuel alternatives, stop by booth #1451.
www.ChartLNG.com

Chengdu Oulang Autogas Equipment
Chengdu Oulang Autogas Equipment Co., Ltd. is the leading manufacturer for LPG/CNG conversion systems and spare parts in China. We have strong technical teams, specialized product testing equipment, and a wide sales network for both domestic and foreign markets. Our management aims to “survive relying on quality, develop relying on reputation.” We sincerely hope that we can build a prosperous future together with you as our newest customer! If you have any requests, please feel free to contact us at oulanggasvivi@gmail.com. Thank you!
www.olcng.com
China National Aero-Technology
China National Aero-Technology International Machinery and Equipment Corporation (CATIMEC), the state-owned import and export enterprise, was built by China National Aero-Technology International Supply Corporation, both of whom are enlisted as members of the World’s Top 500 Aviation Industry Corporations of China. Large-scale government project contracting, the import and export of the bulk stock and resource products, industry investment, and the import and export of machineries and equipments are our essential business, all of which are related to the segments on energy, resources, transportation, and military in thousands of categories. In the LNG, CNG, and LPG area, we supply the following products and services: CNG cylinders from Ø559mm to Ø914mm, featuring a Ø914mm large gas jumbo tube; CNG or LNG trailers which use the Ø914mm large gas jumbo tube skid; construction of spherical tanks and cryogenic tanks (up to 10,000m³, ASME standard, can load different kinds of gas); and tubes.

www.catic.cn

CIRCOR
CIRCOR Energy is a market-leading global provider of integrated flow control solutions specializing in the manufacture of highly engineered valves, fittings, pipeline products and services, and associated products for critical and severe service applications. Our combined companies and brands have over 100 years of experience and dedication to the innovation and excellence in pressure and precision flow control solutions. CIRCOR Energy designs, develops, and manufactures high quality and performance high pressure fluid control components required to perform under critical conditions of pressure, flow, and cleanliness, in satisfying the demanding technical requirements of the alternative fuels industry. You’ll find our technology used in CNG/LNG passenger vehicles, trucks, buses, filling stations, priority manifold fill systems and dispensers, skid mounted systems, ethanol refineries, and hydrogen fuel cells. We are pioneers and innovators in the growth of the natural gas vehicle and infrastructure markets. As this industry continues to expand, we are prepared to help promote and commercialize new opportunities. Our team of alternative fuel specialists can help you design flow control solutions that will specifically meet your requirements. Visit us at booth #1826.

www.circor.com

Clean Air Power
Clean Air Power is a global leader in Dual-Fuel™ Technology. Clean Air Power’s flagship technology is a patented dual-fuel system which enables heavy-duty diesel engines to operate primarily on natural gas. This provides customers with diesel engine performance significant fuel cost savings and low greenhouse gas emissions without sacrificing the original diesel engine’s characteristic efficiency or reliability. Clean Air Power is an established leader in the development of Dual-Fuel™ Technology based on the experience, knowledge, and patents held within the company. Operating on a global scale with customers in the US, UK, and Australia, Clean Air Power is set for rapid growth. Clean Air Power has installed its Dual-Fuel™ Technology on more than 2,500 vehicles around the world.

www.cleanairpower.com

Clean Energy
Clean Energy Fuels Corp. (NASDAQ: CLNE) is the largest provider of natural gas fuel for transportation in North America. We build and operate compressed natural gas (CNG), liquefied natural gas (LNG) fueling stations; manufacture CNG and LNG equipment and technologies for ourselves and other companies; and develop renewable natural gas (RNG) production facilities.

www.cleanenergyfuels.com

Clean Fuel USA
A visionary company founded in 1993, CleanFUEL was the first in the US to develop liquid propane fuel injection systems. For over 20 years, the firm has maintained a reputation for providing safe, reliable, and cost-effective vehicles, stations, and dispensers that comply with environmental regulations. Offering turnkey fuel and refueling infrastructure solutions, propane-powered engine systems and conversions, and fleet management programs, CleanFUEL helps customers take advantage of US-produced propane autogas to drive down the costs and emissions related to transportation of goods and services across the country. As research and development continues to be a core company function, customers reap big benefits. With CleanFUEL’s consistent leading edge position in the alternative fuels industry, the company is poised to lead the way to continuous improvement in fuel options, equipment technologies, and fleet management. CleanFUEL is headquartered in Georgetown, Texas, with vehicle engineering offices in Wixom, Michigan.

www.cleanfuelusa.com
CleanNG LLC
Founded in 2010, CleanNG is an innovator of advanced fuel storage products for compressed natural gas applications. Our mission is to increase the safety and efficiency for natural gas fuel storage systems by developing the lightest, most durable pressure vessels available. The company’s focus is on next generation fuel storage and delivery systems for natural gas vehicles and bulk storage applications. CleanNG’s liner-less, all-composite fuel storage system, the MagnumCel™, allows users to store more fuel in the same footprint as similar size models. The traditional liner takes up valuable storage space and adds unnecessary weight to the fuel system. Reducing the weight allows for more cargo to be carried and better fuel economy for the vehicle, meaning more revenue carried and better fuel efficiency. Stay ahead of the curve with the MagnumCel™, the future of fuel storage.

www.gocleanng.com

CNG Cylinders International
CNG Cylinders International (CNGci) is the manufacturer of the largest diameter Type 3 CNG cylinders in the world. The Type 3s feature a forged AL6061 aluminum liner instead of an aluminum tube stock liner. Our cylinders range from 300 liters (23.0” dia. x 62.5”) holding 26.3 GGE or 23.1 DGE to 563 liters (25.0” dia. x 93.5”) holding 49.3 GGE or 43.4 DGE. The maximum fast fill volume is achieved by heat dissipation through the aluminum liner. The Type 3s are proudly made in the U.S. CNGci is pleased to announce that we have added a lightweight Type 1 cylinder (made from billet) to our product line to offer an economical alternative to expensive cylinders made from plate. We are the western region’s agent for the full line of WEH CNG Solutions products (nozzles, receptacles, valves, PRD’s, and brackets are also available). Friend us on Facebook at www.facebook.com/CNGci.

www.cng.us.com

Comdata
With more than 40 years of experience in the transportation industry, Comdata is a leading provider of point-of-sale solutions designed specifically for the retail fuel market. Comdata’s SmartSight unit for natural gas fueling locations is an enhanced fuel site controller system providing detailed insight into your fueling sites through web connectivity and real-time email notifications. SmartSight’s robust web portal offers enhanced reporting capabilities and delivers the real-time transaction data and site maintenance capabilities you need to manage your business on demand. The secure, PCI-compliant system accepts retail, proprietary, and fleet cards, making your natural gas fueling site available to local customers and over-the-road fleets utilizing clean energy for their fueling needs.

www.comdata.com

Commercial Carrier Journal
Commercial Carrier Journal (CCJ), produced by Randall-Reilly, provides a multi-channel brand to reach fleets. By leveraging the audience engagement of CCJ, you can put your message in front of decision-makers. Randall-Reilly also provides its clients with unparalleled fleet data and cutting edge marketing services. Combining CCJ’s powerful fleet voice with data and marketing, you can craft integrated marketing campaigns to grow your audience.

www.ccjdigital.com

Compac
For over 30 years, Compac’s world class CNG dispensers and dispenser technology have set the standard in secure and reliable CNG refueling. The critical components of our CNG dispensers are designed and manufactured in our New Zealand factory: from advanced dispenser control, to highly accurate natural gas metering, to complete CNG dispenser models. Compac dispensers are perfectly matched with our secure fuel monitoring systems, allowing for easy management of your site, anytime, from anywhere. Continual investment into product development and internationally achieved approvals give you the confidence to know that Compac products are the perfect choice for safe and secure CNG refueling.

www.compacngv.com

Covess
COVESS manufactures innovative thermoplastic composite lightweight tanks for gasses and liquids like hot and cold water, air, CNG, and hydrogen. They always use 100 percent recyclable raw materials and environmental production processes. Quite a wide range of applications embrace a healthy future when using Covess composite tanks.

www.covess.com
CP Industries

CP Industries Holdings, Inc. is a manufacturer of large seamless pressure vessels for the high-pressure storage and transportation of industrial gases, including hydrogen and CNG. The vessels are manufactured to a wide range of specifications and customer requirements including NGV-2, ASME, PED, DOT, TPED, Transport Canada, ISO/UN, and military specifications for use throughout the world. The vessels are assembled into versatile modular designs to meet customer transportation or ground storage requirements. On-board cylinders are available in Type 1 and Type 4 designs. CP Industries Holdings is a subsidiary of Everest Kanto Cylinder Limited. EKC is a supplier of on-board cylinders worldwide. For more information, visit our new website.

www.cp-industries.com

Cryofab

Cryofab, Inc. is a manufacturer and service provider of cryogenic equipment and accessories for all liquid cryogens. Custom fabrications, OEM fabrications, and a full line of standard containers, vessels, and accessories depict our product mix. Customizing ability allows Cryofab to design and build singular experimental units as well as prototypes that lead to high or small production products. In house engineering can assist in product development for OEM or private label fabrications. Manufacturing capabilities include, but are not limited to: double wall vacuum vessels, vacuum jacketed transfer lines, uninsulated transfer lines, metal hose fabrications, dewars, tanks, containers, chambers, pressure vessels, cryostats, cold gas generators, subcoolers, and vacuum jacketed manifolds. Founded in 1971, Cryofab has grown based on its innovative products, superior service, quality fabrications, and reasonable prices. Our products have found their way to ALL continents of the world.

www.cryofab.com

Cryostar

Cryostar is a world-leading supplier of cryogenic equipment for industrial and natural gas applications, including cryogenic pumps, turbo-expanders, SSL Plants, LNG boil-off gas compressors, and LNG vaporizers. With offices around the world (two in the US), Cryostar supplies to major gas companies, gas distributors, and service providers. Cryostar USA provides equipment and solutions for LNG and CNG refueling stations with a number of references across North America. Cryostar’s modular concept provides standard equipment for a simplified scalable design, reducing overall installation costs. Cryostar liquefiers are nitrogen cycle units from 15 to 80,000 GPD of LNG, which uniquely use only one rotating machine and high efficiency plate fin heat exchangers. First installed six years ago in the marine market, they are extremely flexible and compact systems which are simple to operate and maintain. Cryostar is also focused on high horsepower applications having equipment and solutions for the rail, mining and marine bunkering sectors.

www.cryostar.com

Cubogas

Cubogas is the pioneer in the CNG compressor industry. Since 1920, its technology has been the most reliable, efficient, and cost-effective on the market. With a full range of large compressors from 50 to 800 HP, Cubogas can deliver up to 5,800 scfm, offering complete solutions for CNG refueling applications. Today, over 2,500 CNG filling stations worldwide are equipped with Cubogas products. Proven technology, customized systems, and efficient global service network are the company’s values. With experience, reliability, and innovation, Cubogas delivers green alternative fueling solutions for a better world!

www.cubogas.com

Cummins Westport

Cummins Westport Inc. (CWI), a joint venture between Cummins Inc. and Westport Innovations Inc. based in Vancouver, British Columbia, is a leading supplier of high-performance natural gas engines manufactured by Cummins, with warranty, service, and aftermarket support provided by the Global Cummins distributor and dealer network. CWI's engines are available factory-direct from leading vehicle manufacturers for the urban transit, medium- and heavy-duty truck, refuse, school bus, sweeper, and delivery truck markets. The ISX12 G and ISL G engines are available factory-direct from leading truck and bus manufacturers, and meet 2013 emissions standards with simple maintenance-free aftertreatment. They can operate on compressed natural gas (CNG), liquefied natural gas (LNG), and on low-carbon, renewable biomethane.

www.cumminswestport.com
Daimler Trucks North America LLC

Daimler Trucks North America LLC (DTNA) is the largest heavy-duty truck manufacturer in North America and a leading producer of medium-duty and severe-duty vocational trucks and specialized commercial vehicles. Headquartered in Portland, Oregon, DTNA manufactures, sells, and services several renowned commercial vehicle brands. Through the company’s affiliates, DTNA is also a leading provider of heavy-duty diesel engines and other components. The company’s strategic partners in the North American commercial vehicles market include Daimler Truck Financial and TravelCenters of America. DTNA has a long history of providing innovative technologies that benefit customers and the environment. DTNA was the first commercial vehicle manufacturer to be certified as GHG compliant. Its commitment to green technologies is part of Daimler AG’s global “Shaping Future Transportation” initiative. Launched in Stuttgart, Germany in 2007, the initiative is focused on reducing criteria pollutants, carbon dioxide, and fuel consumption.

www.daimler-trucksnorthamerica.com

DH Industries USA Inc.

DH Industries USA Inc. is the official representative of Stirling Cryogenics and CryoZone in the USA and Canada. We are the cryogenic service provider, specializing in stand-alone cooling systems, cryogenerators, cryogenic fans and pumps, closed-loop systems and cryogenic consulting. Based on our extensive experience we design and supply creative solutions for any cryogenic challenge you might have. This allows you to focus on your core business. Our systems can be used to produce small quantities of LNG (~ 1 tpd) or to re-liquefy boil-off gas. From our office in Burlington, Maryland we provide sales, technical service support and project management.

www.d-h-industries.us

dHybrid Systems

dHybrid Systems is an architect and developer of leading edge natural gas fuel storage and delivery systems. The company designs, builds, supplies, and installs these systems from coast-to-coast on new medium- and heavy-duty natural gas (CNG) powered trucks. All of dHybrid System units feature a patent pending manifold that gives our system the ability to fill up to three times faster than anyone in the industry. Our systems are powder coated inside and out giving our customers the quality and durability they need for the long run. dHybrid Systems is the industry leader in technological advances for product improvements. Our facilities allow us to produce the highest quality system in the industry, quickly, and efficiently. Quality, technology, and ease of assembly line integration gives dHybrid Systems the ability to deliver a high quality fuel system to our customers on time.

www.dhybrid.com

DUNMORE Corporation

DUNMORE Corporation is a global supplier of engineered coated and laminated films. DUNMORE offers film conversion services such as coating, metallizing, and laminating along with contract film manufacturing. DUNMORE produces coated film, metallized film, and laminating film substrates for the aerospace, photovoltaic, graphic arts, packaging, insulation, surfacing, and fashion industries. DUNMORE is privately held, ISO 9001:2008 and OSHA VPP Star certified.

www.dunmore.com

EControls by Enovation Controls

Enovation Controls offers natural gas, propane, gasoline, and diesel engine control and fuel management systems that help our OEM customers meet stringent emission requirements while maximizing engine power and efficiency. EControls® products are backed by years of industry-leading expertise for heavy-duty trucks, buses, forklifts, power generation, marine, and agricultural segments. We have developed sophisticated model-based controls and interface software that simplify engine calibration, reduce development time, and provide ultimate flexibility. Our engine controllers have been tested worldwide in a multitude of applications and are proven to be robust and durable. Our patented continuous flow, digitally controlled fuel control valves have become the benchmark standard in reliability and functionality, providing reduced emissions and improved fuel economy. EControls systems are designed to meet Euro III through Euro VI as well as the industrial Large Spark Ignited (LSI) and NESHAPS regulations. Beyond providing engine control systems, our team offers expertise in base engine design and development built on years of converting base gasoline or diesel engines to natural gas.

www.econtrols.com
Edison Electric Institute
EEI is the association that represents all US investor-owned electric companies. Our members provide electricity for 220 million Americans, operate in all 50 states as well as the District of Columbia, and directly employ more than 500,000 workers. With more than $85 billion in annual capital expenditures, the electric power industry is responsible for millions of additional jobs. Reliable, affordable, and sustainable electricity powers the economy and enhances the lives of all Americans. EEI has 70 international electric companies as affiliate members, and 250 industry suppliers and related organizations as associate members. Organized in 1933, EEI provides public policy leadership, strategic business intelligence, and essential conferences and forums.
www.eei.org

Ekogas
We provide high quality propane ASME motor fuel tanks production for cars and trucks. We have been in the world market since 1991. For the European market we produce cylindrical tanks, and toroidal tanks in place of the spare wheel and dual tanks. We carry out the assembly of automotive gas in the cars. Ekogas is the largest distributor and car conversionary in Germany. We have been on the German market for 10 years, and we have very extensive experience. We offer propane systems, tanks, and all the components needed for installation of propane installations.
www.ekogas.de

Electric Drive Transportation Association
The Electric Drive Transportation Association (EDTA) is the trade association promoting battery, hybrid, plug-in hybrid, and fuel cell electric drive technologies and infrastructure. EDTA conducts public policy advocacy, education, industry networking, and conferences. EDTA's membership includes vehicle and equipment manufacturers, energy companies, technology developers, component suppliers, and others. For more information about EDTA and its members, visit our website.
www.electricdrive.org

Elio Motors
Elio Motors was founded in 2008 by Mr. Paul Elio. The mission and desire of the project was to provide affordable transportation to those commuters seeking an alternative to the day’s offerings while at the same time provide vital American jobs. Since then, the company has grown its appeal beyond commuters to other segments of the market. For students, the vehicle provides a safe and reliable means to commute around campus. For those families with mini-vans or SUVs, Elio provides an efficient and economical way to get to and from work. The price-point of the vehicle allows Elio to be an addition to this families’ fleet without adding any additional cost to an already stretched budget. Elio Motors also appeals to collectors, retirees, motorcyclists, and anyone else looking for a fun, reliable, safe and economical vehicle to customize to their individual needs. As you continue your journey with Elio you will notice our customers developing a strong attachment to their Elio. They have already welcomed the thought of her as part of their family. Our challenge is to help bring them the Elio of their dreams!
www.eliomotors.com

Emerson Process Management
Emerson Process Management’s Micro Motion Coriolis mass meters and Rosemont Flow products are a cornerstone of the alternative fuels and clean energy revolution. These products are integral components within CNG/LNG dispensers, fueling skids, marine, and high horsepower applications—as well as in the refining and transportation of natural gas—all around the world. Emerson products have elevated the accuracy, legitimacy, and capabilities of each different point on the natural gas value chain. The distributor as well as the consumer of alternative fuels will benefit from the certified and worldwide approved solutions Emerson flow offers.
www.emerson.com

Endress+Hauser
Endress+Hauser is a global provider of solutions for instrumentation and automation. In 1970, the company brought its process instrumentation expertise to the US, where it currently manufactures flow, level, pressure, temperature, and analytical products. More than 90 percent of all Endress+Hauser instruments that are ordered and shipped within the US are manufactured in the US. This strong manufacturing base is complemented by a complete network of sales and service locations to support your products wherever they are installed. To support your project needs, engineering and project management services are also available. Endress+Hauser’s dedication to the clean vehicle technology market is shown in its portfolio of products that provides accurate measurements in applications related to the handling of compressed and liquefied gases. One example is the CNGmass Coriolis Flow Measuring System, designed specifically for refueling vehicles with compressed natural gas.
www.us.endress.com
ENK
ENK Co., Ltd. is based in the major port city of Busan, South Korea. ENK has the world leading technology and manufacturing facilities to produce mass quantities of high pressure cylinders (with ordinary or highly durable super-lightweight) for special uses in the alternative energy, firefighting, medical, scuba diving, aircraft, and aerospace industries—as well as industrial gas—by not only processing of seamless pipe but also the most innovated processing of cold and hot deep drawing and ironing from high tensile strength steel with or without reinforced fiber glass. Our quality management system has been certified according to ISO 9001/2000, TS16949. Appropriate approvals for manufactured products have been acquired from authorized inspection agencies, certificates according to US-DOT, ISO, ANSI/NGV2, ECE-R-110, and the other special authorities. Cylinders are designed to satisfy international code and standards including ISO, DOT, BV, DNV, TPED, GL, RINA, CCS, NK, KR, CSI, etc. ENK works in close cooperation with major gas companies, shipyards, and shipping companies worldwide. Innovative technology comes from the common belief in pursuing the best. As more people are concerned about the product quality, it has become one of our biggest missions in our company. We believe it is our social responsibility to keep developing in high quality cylinders. ENK introduces world leading revolutionary technology that can satisfy fuel efficiency and the highest safety standards.

www.enkcf.com

Espar Climate Control Systems
Espar parking heaters are the ideal comfort combination. Espar’s air and coolant heaters are independent of both the engine and the vehicle’s own temperature regulation system. They also operate using a fraction of the power and the fuel consumed while idling. So you can count on an Espar heater to provide optimum temperatures for engine or cab while eliminating costs and reducing periodic maintenance. For more information, visit booth #668.

www.espar.com

ET Environmental
ET Environmental was founded in 1993, combining clean technologies and traditional engineering practices into innovative design and construction. We completed our first CNG project in 2004, when clean energy and clean domestic fuel initiatives were just starting to pick up speed. Since then, we have completed energy-related assignments ranging from facility evaluations and economic feasibility studies to multi-million dollar new construction installations. ET is now a leading designer/builder of CNG fueling infrastructure, fueling facilities, and CNG vehicle maintenance facilities. We offer a national network of support, single point accountability, and function as owner advocates—a vision that we have embraced since inception. We provide our clients with the highest level of value by eliminating confusion and navigating alternative energy issues, processes, and regulations. It is our job to be the experts and help you every step of the way.

www.etenv.com

Evergreen CNG Systems
Evergreen CNG Systems, a partnership of Gas and Air Systems (GAS) and Hamworthy, is a CNG fueling station packager that offers full package systems for CNG fueling stations for both time-fill and fast-fill requirements. Evergreen—through its manufacturing and engineering plant in Hellertown, Pennsylvania—designs and packages CNG fueling, storage and dispensing compression packages to suit all sizes of fleet and public station requirements. With thousands of CNG fueling station compressors located worldwide, Evergreen CNG Systems is ready to work with you to size and build the right compressor and associated components for your CNG fueling station. End-users, general contractors, design/build firms, and interested distributors are welcome to come and find out how we can meet your CNG fueling station needs.

www.evergreen-cng-systems.com

F&L Asia
F&L Asia Limited, based out of Hong Kong, provides critical and timely information to meet the needs of the Asian fuel and lubricant industry. We also cover the activities of various groups in the region that foster sustainable transport and clean vehicle technologies. Celebrating its 20th year, F&L Asia has developed a suite of print and web-based products that tracks the market growth in Asia-Pacific. We essentially grew up with the industry so we have a deep knowledge of its direction, new trends, and who the main players are. We help drive the growth within the market by providing the “need-to-know” information through our various publications and services that key personnel use to make their business and strategy decisions by.

www.fuelsandlubes.com
Federal Mogul
Federal-Mogul Corporation is a leading global supplier of products and services to the world’s manufacturers and servicers of vehicles and equipment in the automotive; light-, medium-, and heavy-duty commercial; marine; rail; aerospace; power generation; and industrial markets. Federal-Mogul’s Powertrain segment creates highly engineered solutions to manage combustion thermal and mechanical loads; tribological (metal-on-metal) interaction, wear, and friction; critical sealing of hot and cold joined components and rotating shafts; ignition of various fuel types; and thermal, mechanical, and EMI protection for wiring and tubing. The company’s industry-leading powertrain technologies and innovations improve fuel economy, reduce emissions, and enhance durability.
www.federalmogul.com

FIBA Technologies
Since 1958, FIBA Technologies, Inc. (FIBA), with multiple plants across the USA, 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). This vessel was designed exclusively for the hydrogen fueling market with working pressures up to 1,000 bar and capacities up to 700 liters. FIBA continues to offer and develop the finest quality products for its customers.
www.fibatech.com

Fleet Owner
Fleet Owner is North America’s largest media outlet serving the commercial truck fleet market. It delivers industry news and analysis to 321,000 executives and managers who are responsible for operating over 8 million trucks that range from pickups to 18-wheel tractor-trailer combinations. Subscribers are located exclusively at commercial truck fleets operating five or more vehicles. The magazine, website, and digital news publications provide information about equipment, operations, vehicle maintenance, industry regulations, information-management technology, and global trends impacting the trucking industry. Fleet Owner is part of Penton, publisher of leading transportation industry brands including American Trucker, FleetSeek, Trailer Body Builders, Bulk Transporter, Refrigerated Transporter, The Truck Blue Book, Price Digest, Waste Age, Waste Expo, and the Ward’s Automotive Group.
www.fleetowner.com

Fleets & Fuels
Fleets & Fuels is the ultimate industry resource for those looking to stay on top of breaking news and current events within the transportation and alternative fuels industries. The publication offers first-to-market, original content on all alternative fuel types—natural gas, propane autogas, renewables, hydrogen, electrics, hybrids—including the latest clean vehicle technology products, alternative fuel fleet deployment news, and current industry events. New articles are posted to the website daily and delivered right to our readers’ inboxes via our popular weekly e-newsletter.
www.fleetsandfuels.com

Ford Motor Company
Ford Motor Company, a global automotive industry leader based in Dearborn, Michigan, manufactures or distributes automobiles across six continents. With about 164,000 employees and about 70 plants worldwide, the company’s automotive brands include Ford and Lincoln. The company provides financial services through Ford Motor Credit Company. In early 2008, we announced a goal to reduce CO₂ emissions from our US and European new vehicles by 30 percent by 2020, relative to a 2006 model year baseline. We also set out a technology migration plan, embodied in our blueprint for sustainability, that details our near-, mid-, and long-term product plans to meet this goal. In every region of the world, we are advancing toward our goals by introducing new products and technologies that significantly cut fuel consumption and emissions.
www.fleet.ford.com
Freightliner Custom Chassis Corporation
Freightliner Custom Chassis Corporation—a subsidiary of Daimler Trucks North America LLC, a Daimler company—manufactures premium chassis for the motorhome, delivery walk-in van, school bus, and shuttle bus markets. Freightliner Custom Chassis Corporation is dedicated to providing product solutions that meet consumers’ expectations while minimizing the impact on the environment. Freightliner Custom Chassis was recently given the distinction of being the first commercial vehicle manufacturer to achieve “zero waste to land-fill” status in North America. We were also the first commercial vehicle manufacturer to introduce hybrid-electric technology to the walk-in van market and continue to provide commercial bus and walk-in van chassis powered by compressed natural gas and liquid propane.

www.freightlinerchassis.com

Freightliner Trucks
Freightliner Trucks, the largest division of Daimler Trucks North America LLC, manufactures Class 5-8 trucks that serve a wide range of commercial vehicle applications. Its commitment to innovation, technology, and responsive customer relationships makes it easy to understand why Freightliner is the leading heavy- and medium-duty truck manufacturer in North America. It is committed to producing the most advanced and efficient trucks on the road today, powered by SCR-equipped clean diesel engines and alternative fuels. Freightliner is a leading manufacturer of hybrid electric medium-duty vehicles and is a leader in production of natural gas-fueled trucks and tractors with more than 3,000 vehicles delivered since 2008. Freightliner has fleets covered with natural gas vehicles for virtually any application across its Cascadia, 114SD, and M2 112 models. These versatile, hardworking trucks and tractors are perfect for regional haul and municipal and vocational applications including construction, refuse, food and beverage, pickup and delivery, and utility.

www.freightlinertrucks.com

Fuel Cells 2000
Fuel Cells 2000 is an activity of the Breakthrough Technologies Institute (BTI), a non-profit 501(c)(3), independent, educational organization that identifies and promotes environmental and energy technologies that can improve the human condition. BTI was established in 1993 to ensure that emerging technologies have a voice in environmental and energy policy debates. Our current focus is on air quality, climate change, energy efficiency, and energy independence. Our programs have won international recognition and numerous awards. Fuel Cells 2000’s mission is to promote the commercialization of fuel cells and hydrogen by supplying accurate, unbiased information; developing and disseminating summary materials accessible to a general audience; and providing a portal for researchers, developers, suppliers, government officials, opinion leaders and others interested in the sector. Our materials and information are available free of charge, with minor exceptions.

www.fuelcells.org

GAIN Clean Fuel
GAIN® Clean Fuel is “THE CNG Network for YOUR Fleet.” GAIN is a brand of U.S. Oil, a recognized leader in innovation and distribution of petroleum and renewable energy products for more than 60 years. Since developing its first GAIN Clean Fuel station in 2011, U.S. Oil has more than 20 locations operational or in construction across the nation. With CNG quickly becoming one of the most sought after fuel alternatives, GAIN plans to construct 100 new sites spanning the U.S. over the next three years. Fleet owners partnering with GAIN benefit from a 100 percent funded turnkey solution and shared profitability of their fueling site. Headquartered in Appleton, Wisconsin, U.S. Oil is a division of U.S. Venture Inc., a value-adding distributor of energy and automotive products and services for the transportation sector.

www.usoil.com | www.gainfuel.com

Galileo
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 connection. Based in Buenos Aires, Argentina, with a Service and Training Hub in Los Angeles, California, Galileo exports and provides ongoing assistance to customers in 65 countries in Latin America, the US, Europe, Africa, and Asia.

www.galileoar.com
Gas Energy Australia
Gas Energy Australia is the national peak body representing downstream compressed natural gas (CNG) and liquefied natural gas (LNG), along with liquefied petroleum gas (LPG). The Association focuses on a range of areas in support of Australia’s national interest to achieve energy security and economic prosperity in a lower carbon economy. The Association focuses on advocating the value and benefits of the fuels through engagement with government, state authorities, and consumers. The Associations’ stakeholder engagement is supported by progressive policy development based on sound research, analysis, and expert commentary; the on-going development of national standards and innovative products and technology, proactive media and communications; and the development of the industry’s specialist workforce. LPG, CNG, and LNG are alternative fuel options that are versatile as well as affordable, and can be used for a range of applications in the residential, commercial, industrial, and transport sectors.
gasenergyaustralia.asn.au

Gasitaly S.r.l.
Gasitaly is an Italian-based leading company in the world’s LPG and CNG autogas conversion markets. Due its dynamic forward-thinking and customer-oriented approach, Gasitaly has thrived in recent years, enjoying a consistent and sustainable span of growth, illustrated by its presence in more than 30 countries around the world. Gasitaly is proud to continuously provide the most up-to-date innovative solutions to both conversion centers and OEMs around the world, and this strong determination is set to endure. Efficient, safe, reliable, but also dynamic, innovative, dedicated, Gasitaly and its team are well mirrored in the top Italian quality standard of all the components and all the assistance offered worldwide. The most innovative alternative energy conversion systems, the most attentive global assistance, and the most cost-effective solution.
www.gasitaly.it

Gazeo.eu
Launched in Poland in 2007, Gazeo.eu is one of the largest websites dedicated to promoting eco-friendly gaseous fuels. The latest industry news, tests, videos, product presentations and industry reviews make Gazeo.eu a unique source of interesting and valuable LPG/CNG/LNG-related information. Gazeo.eu is a helpful internet platform through which industry stakeholders receive well-founded information. It is also an important and reliable source of information for anyone interested in the LPG market all over the world. As a provider of clear and organized knowledge, Gazeo.eu is a leader in informative and specialized radio and television programs produced by stations ranging from the Polish Radio to the Polish CNBC branch—the TVN CNBC Biznesgazeo.eu.
www.gazeo.eu

GE
GE businesses offer a range of compression and financing options to supply the natural gas vehicle industry. GE Capital provides commercial car and truck financing and fleet management services to help fleets save time and money and reduce environmental impact. Our tailored solutions address the lifecycle of your fleet—from strategic planning and financing to management and remarketing—to give you the maximum return on your investment. GE Oil and Gas works on the things that matter in the oil and gas industry. In collaboration with our customers, we push the boundaries of technology to bring energy to the world. From extraction to transportation to end use, we address today’s toughest challenges in order to fuel the future.
www.ge.com

General Motors
GM Fleet and Commercial is dedicated to the business vehicle needs of fleets, small businesses, and government organizations. We offer a broad portfolio of commercial trucks, vans, SUVs, and cars from Chevrolet, Buick, GMC, and Cadillac. Whether it’s meeting company-wide environmental initiatives or government standards, fleet managers face many challenges. We’re committed to delivering practical, environmentally conscious vehicles that are fun to drive. So come by our booth to see our 2015 CNG Bi-Fuel Impala, 2015 Chevrolet Silverado 2500 HD CNG Bi-Fuel pickup, and a Spark EV with 4G LTE technology! At GM, we’re always thinking ahead to move your business forward.
www.gmfleet.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 21 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 organizes two of North America’s leading alternative fuel and advanced vehicle technology conferences—the Alternative Clean Transportation (ACT) Expo and the Natural Gas for High Horsepower (HHP) Summit. GNA maintains offices in Santa Monica, California; Irvine, California; and New York City, New York.

www.gladstein.org

Global Fabrication Inc.
Global Fabrication Inc.’s newest offering in the growing US-sourced energy market is a whole new approach on age-old technology. By using proven process coupled with our in-house engineering and fabrication capability, we have devised a new and cost-effective approach to small scale LNG liquefaction and distribution. Our small scale LNG plants allow you to produce your own LNG or CNG for your own fleet on your own property using pipeline gas. The plants can also be set up off grid to liquefy natural gas at stranded wells to facilitate cheaper transportation to market via LNG tankers. With systems from 6,000 gallons per day all the way up 250,000 gallons per day, we are sure to have a system that fits your needs. Thanks to our years of experience as an ASME code shop and firsthand field knowledge in all sectors of industry, we have the tools to create a system tailored to your needs no matter what they may be.

www.globalfabricationinc.com

GNV Magazine
GNV Magazine.com is a digital magazine committed with natural gas vehicle (NGV) development in the world. Our primary target focus is fulfilling the information and interaction need of the different international players in the NGV market. We publish products, institutional news, and technological innovations with exclusive photographic/journalistic notes and interviews of our advertisers in America, Europe, and Asia.

www.gnvmagazine.com

Go Natural CNG
Go Natural CNG, LLC is a privately held company based in Salt Lake City, Utah. Founded by Lucas Kjar in 2008, the company is engaged in the development and manufacturing of affordable, next-generation CNG components, including heavy-duty Fuel Interface Modules (FIMs), light-duty FIMs, bi-fuel rails, and CTS Modules. Go Natural also offers proprietary college accredited curriculum and the industry’s top hands-on training. The company’s products are sold in both the light-duty and heavy-duty vehicle markets to OEMs, fleets, and distributors. Go Natural is poised to take advantage of the growing natural gas market and has invested in research and development of further innovative products. As such, Go Natural has partnered with Parker-Hannifin to develop a Residential Fueling Appliance (RFA) that will be released in 2015. The RFA has the potential to leverage strong demand of clean-burning natural gas vehicles and natural gas supply.

www.gonaturalcng.com

GP Strategies
GP Strategies’ Alternative Fuels Division is a recognized leader in the design, fabrication, construction, and maintenance of liquefied natural gas (LNG), liquefied to compressed natural gas (LCNG) and hydrogen (H₂) fueling facilities, as well as, providing 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. For more information, email energyservices@gpstrategies.com.

altfuels.gpstrategies.com

Greenline Fuel Corp
Greenline Fuel Corp. (GLF) is at the forefront of the latest advancements in design, manufacturing, and packaging technology for CNG refueling systems. GLF can customize fueling solutions for a wide range of applications from small private fleets to large public stations. Greenline is leading new innovations and research in cutting edge uses of CNG fuel. Additionally, GLF manufactures high quality NGV fueling station components, which include storage systems, priority panels, metered, and non-metered fill posts. Greenline is the sole distributor and packager of LMF’s CNG compressors for the United States.
Partners, Sponsors, and Exhibitors

market. LMF is the leading Austrian manufacturer of high pressure compressor systems for air, natural gas, technical, and industrial gases. LMF offers design, engineering, production, testing under full load, assembly, and start-up with 60 years of experience in the compressor business. GreenLine Fuel Corp. is located at 43250 Business Park Dr., Temecula, California 92590. Contact GLF at (951) 695-5294 or email info@glfuel.com.

www.glfuel.com

Hangzhou Newpioneer Technology Co., Ltd
Our company is located in the north-west area of Hangzhou, which is famous for the beautiful world heritage West Lake. Our company, EasyTech is the biggest and most professional manufacturer of LPG/CNG conversion kits. Our annual production capacity is 500,000 sets and 800,000 pieces of accessories. Our turnover per year is $20 million (USD). Our products include different kinds of ECU kits, as well as other parts relating to the conversion system such as the injection rail, pressure reducer, emulator, timing advance processor, MAP sensor, temperature sensor, and so on. We have certificates of the TS16949 and E-mark, also the homologation of 67R, 110R,10R. Excellent Quality, Leads Future. Our products has exported to the US, India, Poland, Turkey, Iran, Thailand, Italy, and more. We supply 600,000 sets of ECU control system and 800,000 electronic parts each year. We have certificates of ISO/TS16949:2009 and EMARK. We do OEM/ODM for the fuel industries worldwide.

www.newvehicle.cn

Hexagon Lincoln
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 this industry. Our tanks set the standard for excellence in efficiency, safety, and durability. We produce TUFF SHELL® cylinders for use in commercial and passenger vehicles that run on natural gas or hydrogen, as well as TITAN™ and SMARTSTORE™ products used for distribution of natural gas. We also provide natural gas infrastructure storage with our TUFF SHELL® Ground Storage modules.

www.hexagonlincoln.com

HINO Trucks
Hino Trucks—a Toyota Group Company—assembles, sells, and services the most environmentally friendly lineup of Class 5-7 commercial trucks in the United States. Headquartered in Novi, Michigan, Hino boasts a network of over 200 dealers nationwide committed to achieving excellence in customer service and support. Hino Trucks is the premier medium-duty nameplate in the United States with a product lineup that offers low total cost of ownership, superior fuel economy, unmatched reliability and maneuverability, and the most comprehensive bundle of standard features in the market. For more information, connect with us on Facebook, Twitter, and YouTube.

www.hino.com

HosePower
HosePower is North America's premier hydraulic and industrial hose sales and service company and was established in 1988. With over 40 service locations throughout the United States, Canada, and Mexico, HosePower can service your company virtually anywhere. We offer award winning counter service, mobile hose repair, and state of the art OEM centers. We specialize in LNG hoses and couplings, and have developed cutting edge solutions to answer some of the unique challenges in the LNG market.

www.hosepower.com

Hy-Lok USA
Hy-Lok is a worldwide leader in the manufacture and distribution of high performance fluid system components designed for critical customer applications. We have taken a leading role in the alternative fuel vehicle marketplace with an array of custom products specifically designed and tested to industry standards for CNG/LNG and hydrogen-powered vehicles. Our engineers and sales staff work closely with OEMs and vehicle conversion companies around the world to help meet the challenges of performance, safety, and reliability. Hy-Lok products have been rigorously tested and conform to the latest industry and international standards and specifications. Decades of expertise in the manufacture of fittings and valves for applications in refining, chemical processing, bio/pharm, and semiconductors have given Hy-Lok a unique perspective and understanding of the importance of quality products and customer service. Come discuss your requirement with us at booth #1051!

www.hylokusa.com
**Icom North America**

Icom North America is located in Michigan, where it manufactures, assembles, and distributes the patented Icom JTG® II Liquid Injection Propane Vehicle System and additional patented Icom propane products. Icom with its partners brings over 30 years of experience as a world class manufacturer for the propane vehicle industry, with its innovative tanks, JTG II, JTGhp Direct Injection Propane System, JTG-Dynamic Liquid Injection Diesel-Propane Systems, and numerous products supplied to OEMs and the aftermarket worldwide. Icom North America is the leader in Liquid Injection Propane Vehicle Systems in the US, attaining over 600 EPA Certified vehicle platforms for bi-fuel and monofuel vehicles. Icom systems are Canadian IGAC certified, NFPA 58 compliant, and European EN67/01 certified.

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

**Idro Meccanica**

Antonio Gozzi founded Idro Meccanica at the end of the 60s. He started the production of natural gas compressors and boosters based on a simple hydrostatic transmission. Nowadays Idro Meccanica has produced more than 1,450 compressors for natural gas, nitrogen, hydrogen, and hydrogen/methane blends, and upgraded biogas. The flexibility of the system and the high quality standards let us win important market shares in very demanding countries like Germany and Sweden. Idro Meccanica compressors are hydraulically driven. Some of our units could also be used as compressor/boosters to fill and then intake gas from a high-pressure storage in order to achieve high flow-rate in direct fill. The booster compressors are also the most suitable solution for daughter refueling stations as they do not need to reduce the pressure from the mobile storages being able to accept a wide inlet pressure range, e.g. from 250 down to 3 barg.

[www.idromeccanica.it](http://www.idromeccanica.it)

**ILJIN Composites**

ILJIN Composites is a leading manufacturer of high pressure composite cylinders in South Korea. ILJIN Composites’ Type 4 cylinders are manufactured based on structural analysis through optimal design using carbon fiber and polymer liners approved in accordance with the standard of NGV2-2007(North America), ECE R110(Europe), ISO 11439(Global), EC79/700bar, hydrogen tank), and ISO 11119-3 (gas transportation). The applications of ILJIN Composites’ products are fuel tanks for CNG vehicles, hydrogen tanks for fuel cell vehicles, and tube skids for transportation of CNG and hydrogen.

[www.composite.co.kr](http://www.composite.co.kr)

**IMPCO Automotive**

IMPCO Automotive is an industry leader in the design, development, and installation of alternative fuel solutions. IMPCO is a division of Fuel System Solutions Inc., specializing in dedicated and bi-fuel CNG and bi-fuel LPG injection systems. Utilizing technology based off its sister company and global industry leader, BRC Gas Equipment, IMPCO Automotive is responsible for all existing EPA and future CARB certifications, as well as all application engineering and servicing in the North American market, with particular regards to the US. IMPCO’s North American headquarters is located in Sterling Heights, Michigan, and the company’s manufacturing facility is located in Union City, Indiana.

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

**IMW**

IMW Industries is the largest sole manufacturer of non-lubricated natural gas compressors and related technologies for natural gas fueling applications in the world. IMW’s products are manufactured in Chilliwack, British Columbia; Ferndale, Washington; and Shanghai, China; and are utilized at private and public access fueling stations, as virtual pipelines, and in industrial gas solutions. Headquartered in Chilliwack, IMW is a wholly-owned subsidiary of Clean Energy Fuels Corp. (Nasdaq: CLNE), the largest provider of natural gas fuel for transportation in North America. With representation in 29 countries, IMW is globally recognized for delivering effective solutions along with proven technology and superior customer service. We have over 1800 CNG systems sold worldwide and 500 people dotted across the globe committed to building long-term relationships by satisfying each customer.

[www.imw.ca](http://www.imw.ca)

**INFLEx**

INFLEx-Argentoil S.A. is an Argentinian company with international presence that is deeply committed to the global environment. We have been manufacturing seamless steel cylinders for filling natural gas for vehicles and industrial gases at high pressure for 40 years. Investigation and constant development as well as quality assurance and constant improvement mean that INFLEx cylinders are recognized, used, and appreciated not only in Argentina but also in several countries in the world. As for compressed natural gas (CNG) for vehicles, Argentina is pioneer. INFLEx-Argentoil S.A., the biggest cylinder manufacturer in the market, has plants in San Luis and Córdoba.

INOCOM
INOCOM was established in 2003, for the manufacture of aluminum liner and high pressure composite cylinders. We provide safety solutions for pressure tanks. We specialize in design, analysis, manufacturing, and qualification testing of high pressure composite cylinders. We have also participated in government development programs for development of FCV tanks with Hyundai Motors and the development of the Korea Space Launch Vehicle with Korea Aerospace Research Institute. Already certificated KGS, DOT, CE and TC for paintball games, SCBA for firefighters, medical oxygen cylinders, and supply worldwide customers, we also developed and certificated a high pressure composite tank for CNG vehicles by ANSI/NGV2-2007, ISO11439, ECE R-110 and KGS AC412. In 2012, we supplied CNG tanks in a government program to convert taxis from LPG to CNG. In 2009, INOCOM acquired and modified ANSI/NGV2 2007 for FCV vehicle tanks.
www.inocom21.com

INOXCA
INOXCA is the world’s largest manufacturer of cryogenic transportation equipment and a global leader in LNG and oil field equipment. INOXCA’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. INOXCA strives to deliver the best in quality, performance, timely delivery, and outstanding customer service.

International Gas Union
The International Gas Union (IGU) was founded in 1931. It is a worldwide non-profit organization registered in Vevey, Switzerland, with the secretariat currently located in Oslo, Norway. The mission of IGU is to advocate gas as an integral part of a sustainable global energy system, and to promote the political, technical, and economic progress of the gas industry. The more than 120 members of IGU are associations and corporations of the gas industry representing over 95 percent of the global gas market. The working organization of IGU covers the complete value chain, from exploration and production and transmission via pipelines and liquefied natural gas (LNG) to distribution and combustion of gas at the point of use. IGU encourages international trade in gas by supporting non-discriminatory policies and sound contracting principles and practices, promoting development of technologies which add to the environmental benefits of gas and further enhance safe production, transmission, distribution, and utilization of gas.
www.igu.org

Isuzu Commercial Truck of America
Headquartered in Anaheim, California, Isuzu Commercial Truck of America, Inc. (ICTA), is the distributor of Isuzu commercial vehicles in the United States. Isuzu commercial trucks have been the best-selling, low-cab-forward trucks in America every year since 1986. For more information, call (866) 441-9638.
www.isuzucv.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. See us at booth #348.
www.jccarternozzles.com

Jefferson Solenoid Valves USA
Jefferson Solenoid Valves is a leading manufacturer with more than 40 years in the market developing a complete line of high quality solenoid valves and level controls. Jefferson’s products have international recognition in accordance with approvals of UL, CSA, and ISO 9001, among others, which has permitted Jefferson Solenoid Valves to introduce its product range in most countries worldwide.
www.jeffersonvalves.com
**J-W Power Company**

J-W Power Company is a premier manufacturer and supplier of CNG fueling equipment. We offer natural gas refueling solutions designed to provide our customers with safe, reliable, and scalable fueling systems. With over 40 years of experience in the gas compression industry, J-W Power Company offers unparalleled experience and product support. Our presence as a service company in the oil and gas industry allows us to offer unmatched customer support and maintenance services. Founded in 1960, J-W Power Company is still family-owned and operated. J-W Power Company is a proud American company and our equipment is manufactured in the US.

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

**Korean Association for Natural Gas Vehicles**

KANGV is an incorporated non-profit association founded in 1998, under the control of the Ministry of Environment Korea. We are dedicated to the continued growth of the NGV industry and infrastructure to promote the use of natural gas as a clean alternative energy source in the transportation sector. Our main role is to carry out public relations and government policy suggestions by pursuing technical development of NGVs for air quality improvement. Our scope of work includes activities in reducing air pollution caused by transportation, technology development and education pertaining to NGV and infrastructure, international exchange to facilitate cooperation in establishing global technology trends, hosting domestic/international events to increase marketing opportunities for members, research and analysis on technical developments and policy initiatives, NGV promotion in the public and government sector, supporting projects on LNG-fueled ships, and LNG bunkering development.

[www.kangv.org](http://www.kangv.org)

**Kenworth Truck Company**

Kenworth Truck Company is the manufacturer of The World’s Best® heavy- and medium-duty trucks. Kenworth is an industry leader in providing fuel-saving technology solutions that help increase fuel efficiency and reduce emissions. The company's dedication to the green fleet includes aerodynamic trucks, compressed and liquefied natural gas trucks, and medium-duty diesel-electric hybrids. Kenworth is the only truck manufacturer to receive the Environmental Protection Agency's Clean Air Excellence award in recognition of its environmentally friendly products. In addition, the fuel-efficient Kenworth T680 equipped with the low-emission PACCAR MX engine was named the 2013 Heavy-Duty Commercial Truck of the Year by the American Truck Dealers. Kenworth. A PACCAR Company.

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

**Kioshi Compresion**

Kioshi Compresion is a rapidly growing CNG cylinder manufacturer company in Argentina, which started operations in 2003, beginning with manufacturing only one size of CNG cylinders for domestic markets only. From the beginning, all of the cylinders produced were manufactured with our own developed machinery. Every new machine developed showed important improvements in performance and capabilities, mainly for the production of large diameter cylinders. During these six years, the company continued growing and investing in self-design technology for the development of production and quality control equipment. Production has grown exponentially, and we are becoming a very well-known brand in the domestic market, where today we are the major cylinders producer.


**KIWA**

KIWA offers testing and certification services of automotive components for LPG, CNG, LNG, and hydrogen sectors, as well as electromagnetic compatibility and several climatic tests. Kiwa is authorized to issue the E4-certification by the RDW and E1-certification by the KBA of Germany. We carry out testing according to several regulations and, based upon our test report, RDW or KBA issue an E4/E1 type-approval certificate which is accepted, without any additional national requirements, throughout the European Union. Kiwa can also test and certify according to the PED/TPED and ATTEX directives. This gives Kiwa the position of a truly one-stop-shop partner. Besides testing for the European market we also perform test for the North American market (i.e. NGV3.1, PRD1) and according to ISO-standards. Thanks to the expertise and flexibility of Kiwa’s laboratory-team, you will benefit from the high commercial value of Kiwa’s certifications.

[www.kiwa.nl](http://www.kiwa.nl)
Kraus Global
Kraus Global is the leading provider of dispensers for the global transportation market. A world leader and innovator in the
alternative refueling industry with a strong focus on safety, quality, and accuracy, Kraus has developed and engineered many
widely used technological advances in the global marketplace today. These innovations, such as safe hydrogen, LPG, and
CNG dispensing systems; electronic metering and control; and automatic temperature compensation have helped shape the
industry, allowing it to better meet the demands of markets eager to effectively implement clean-air refueling technologies.
www.krausglobal.com

KwangShin Compressors
KwangShin has over 50 years of experience designing and manufacturing reciprocating-type compressors for air and
gas applications in oil and gas production, petroleum refining, and many other industries. KwangShin reciprocating
compressors for these applications generally comply with the API618 design code. Perhaps the most important contribution
that KwangShin has made to the international compressor market is the development of a complete line of natural gas
compressors. With these compressors, KwangShin is proudly supporting the effort to protect and preserve the natural
environment by building compressors that encourage the safe and economical use of compressed natural gas (CNG) as a
motor vehicle fuel. Kwangshin launched the “GEO Series” of natural gas compressors in 2001. Since that time, over 2,000
GEO Series compressors have been installed in CNG fueling stations around the World. GEO Series compressors have been
well received because they are custom designed and optimized for each individual application. Generally, they comply with
the API11P design code. As a leader in compressor technology, KwangShin will be there whenever and wherever new
applications and new markets require excellent compressor technology.
www.kwangshin.co.kr

L & M Compressor
L & M Compressor, LLC. is a Florida-based compressor block manufacturer with a group of high-pressure specialists and
engineers. The Grizzly Series high pressure compressors are designed, built, and tested in our facility in Ocala, Florida.
We produce the highest quality products available, exceeding industries standards. Our quality control procedures insure
constant and reliable products.
www.lmcompressor.com

Landi Renzo USA
Landi Renzo is the world’s largest supplier of alternative fuel systems, having supplied components for over 1.2 million
CNG and LPG systems globally in 2013. With over 60 years of global experience, millions of our alternative fuel systems
have a presence in over 50 countries. Landi Renzo USA alternative fuel systems are available through Ford, GM and Isuzu
ship thru channels and our Ford QVM installation partners nationwide. Our participation in the Ford QVM program ensure
quality, reliability, and seamless integration of our alternative fuel systems. Today, Landi Renzo USA and Baytech offer
one of the broadest CARB and EPA-certified NGV product portfolios available on the market, with total turnkey solutions
on a variety of product platforms.
www.landiusa.com

Leggett & Platt
Leggett & Platt Commercial Vehicle Products (CVP) is a family of companies committed to bringing innovative and
meaningful products to the mobile workspace. Through its network of brands (Masterack, Crown North America, and
Gamber-Johnson), Leggett & Platt is the industry’s single source for the seamless delivery of cutting-edge, mobile
business applications. Leggett & Platt provides customers with a one source solution for their upfitting needs and is a
proud provider of alternative fuel and technology solutions including compressed natural gas (CNG), liquid propane
gas (LPG), and hybrid commercial vehicle conversions. Paired with additional upfit needs such as lightweight cargo
management systems, decals, and safety equipment, Leggett & Platt is the upfitter of choice for many Fortune 500 fleets
and local customers located throughout the US and in Canada.
www.leggettcvp.com
**Lightning Hybrids**

Lightning Hybrids makes innovative hydraulic hybrid drive systems for vehicles like shuttle and transit buses, delivery trucks, and other fleet vehicles with heavy-duty drive cycles. With a quick payback, this technology saves fleets fuel and brakes, increases power, and reduces harmful emissions. The hydraulic hybrid system is like any other hybrid that adds a secondary power source to an existing engine. Hydraulic pumps/motors and an accumulator (power storage unit) are added to gasoline, diesel, propane, or CNG engines to store braking energy and use it to accelerate the vehicle, significantly saving fuel and brakes and cutting emissions.

www.LightningHybrids.com

**Los Angeles County Economic Development Corporation**

The Los Angeles County Economic Development Corporation (LAEDC) is the region’s leading provider of economic development services. Established in 1981, the LAEDC’s mission is to attract, retain, and grow businesses and jobs for the regions of Los Angeles County. The LAEDC serves the 88 cities and more than 100 unincorporated communities of LA County through its free business assistance and attraction programs, economic research, fee-supported economic and policy analysis, and public policy leadership. Since 1996, the LAEDC’s Business Assistance team has helped to retain or attract nearly 180,000 annual jobs in Los Angeles County with an estimated labor income, including wages and benefits, of nearly $11 billion. Taken together with the supported indirect and induced economic activity, more than 400,000 annual jobs with labor income of more than $21 billion were impacted, accounting for an estimated $850 million in property and sales tax revenues to the County of Los Angeles.

www.laedc.org

**Love’s Travel Stops and Country Stores**

For Love’s, innovation in transportation began in 1964 with a single, leased filling station in rural Oklahoma, where Tom and Judy Love introduced two concepts previously unheard of: self-service fueling and the availability of grocery items at a fuel stop. As we celebrate our 50th anniversary, our family-owned company has grown into one of America’s favorite travel stops, with more than 10,000 employees and 318 locations in 39 states from coast to coast. Today, Love’s continues to deliver innovation in transportation with the best service offerings on the interstate for drivers and fleets, from convenient and healthy snack and restaurant options to Truck Tire Care. Our expanding network of Fast-Fill CNG locations, DEF and RFID cardless fueling in all lanes combine to create the industry’s first fully integrated fueling experience. Wherever the road takes you, all you need is Love’s. Fast. Clean. Friendly.

www.loves.com

**LPGTECH LLC**

LPGTECH LLC is leading global manufacturer of components and complete LPG/CNG systems. In our business we focus on R&D and continuous improvement of our design—from mechanical components through electronic controllers to the software cooperating with computers, tablets, and smartphones. While implementing new products we combine innovation with reliability and ultimate functionality, which means ease of installation and maintenance. LPGTECH’s products offer the perfect combination of professionalism, knowledge, years of experience of our engineers, and the quality of applied components. Constant monitoring of the global automotive trends challenges us to implement new technologies fully tested in our R&D laboratory. This enables us to provide our clients state-of-the-art technical solutions. According to our motto “Perfect Autogas Installations,” we offer reliable products with long-term warranty, verified by ISO 9001 quality standards. LPGTECH products are appreciated by the autogas industry. At the International Gas Show 2014 Exhibition, the company was awarded with three INPRO 2014 prizes.

www.lpgtech.pl

**Luxfer Gas Cylinders**

Luxfer Gas Cylinders is a leading global supplier of lightweight, fully-wrapped composite cylinders for alternative fuels, complete bulk gas transport solutions, and related accessories. Luxfer’s new Type 4 product line, G-Stor® Go, is robustly designed for trucks and provides extended range and reduced fuel costs for fleet owners. Available Type 3 products, which are 66 percent lighter than conventional Type 1 steel cylinders, include G-Stor® Pro for compressed natural gas (CNG)-powered (CNG) light- and medium-duty vehicles, as well as high-pressure Dynecell™ hydrogen cylinders. Luxfer’s GTM™ Technologies product offerings include bulk gas transport solutions and trailers for the storage and transport of CNG, biomethane, and other industrial gases. Luxfer Accessories include valves, pressure relief devices, and cylinder mounting equipment. Luxfer Gas Cylinders is an operating company of Luxfer Group (NYSE: LXFR).

www.luxfercyinders.com
Mack Trucks
Founded in 1900, Mack Trucks, Inc. is one of North America’s largest producers of heavy-duty trucks. Mack trucks are sold and serviced in more than 45 countries through a worldwide network of more than 670 sales, parts, and service centers. As a Volvo Group company, Mack is committed to the core values of safety, quality, and care for the environment. Mack is the primary sponsor of the American Trucking Association’s “Share the Road” national safety education initiative.

www.macktrucks.com

Macro Technologies
Based in Kirkland, Washington, Macro Technologies, LLC engineers and manufactures safe, user-friendly, cost-effective liquid natural gas (LNG) fueling components. Their LNG product line includes innovative solutions for LNG fueling stations as well as engine/tank components for LNG vehicles. With products such as their CryoMac™ LNG Fueling Nozzle—which is lighter, has fewer icing issues and is more cost-effective than other LNG fueling nozzles on the market—or their family of breakaway couplings that have become an industry standard for safety, Macro Technologies strives to lead the industry in engineering excellence.

www.macrotechnologies.com/LNG_Fueling.htm

MATRIX S.p.A.
MATRIX Automotive Division develops, produces, and sells components (injectors, pressure reducers, filters, etc.) for endothermic engines fed with alternative fuels (CNG-LNG, LPG, H2, etc.) A partner-supplier of automotive OEMs and after market players, MATRIX has a significant presence in major markets worldwide where applications and technologies of alternative fuels are involved. MATRIX injectors are the most important innovation in the field of alternative fuels, featuring extremely reduced response times, repeatability and precision, linearity, low-noise operations, compactness, long operating life, and reliability. These are the key elements that allow consistent energy savings during functional phases and low gas consumption per kilometer. The HD Series—an ultra silent and compact rail injector for multipoint sequential gas injection in light- and medium-duty vehicles. The HS Series is a reduced weight and dimension single injector for “flying” use or intake manifold direct mounting on OEM applications. The KJ Series is a super-power injector specially developed for large displacement bi-fuel or dual-fuel heavy-duty applications.

www.matrix.to.it

MAT SA
Pioneer spirit, technology, and quality. Since 1940, MAT SA has been producing cylinders for high pressure gases and thus has become the largest manufacturer of the southern hemisphere. With 74 years of experience and three plants located in Brazil, MAT SA has invested heavily in updated technology, research, development, and in the most qualified team of engineers and professionals. Producing a large range of steel cylinders for CNG and other uses, the company has exported its products to 28 countries on five continents. Technology and tradition combine to manufacture a worldwide well known gas cylinder. Certified by ISO 11439, ISO 9809-1, Department of Transportation US DOT 3AA/TC, NGV-2, and Transport Canada CAN/CSA B339-02 TC/3AA.

www.matsa.com.br

McNeilus
McNeilus Companies, Inc., an Oshkosh Corporation [NYSE: OSK] company, is an industry leading manufacturer of refuse and concrete mixer truck bodies. Through their Next Generation Initiatives (Ngen) campaign, McNeilus designs and installs alternative fueled compressed natural gas (CNG) solutions for heavy-duty fleets of all types, all supported by a comprehensive, factory-direct sales and service network. McNeilus is leading the drive toward the next generation of vehicles solutions.

www.mcneiluscompanies.com

Metal Mate
Metal Mate is Thailand’s leading pressure vessels manufacturer and has been widely accepted in the domestic and overseas markets for more than 15 years. Metal Mate products are manufactured with efficiency to meet world class standards such as AS/NZ 2468, EN1442, BS5645, ISO 9001:2000 and ISO 11439 and TIS 27. This leads the nation’s leading companies to trust us to manufacture gas cylinders & pressure vessels for them. We also manufacture and export our products to various countries in the world. With high quality products, safety concern principals, attractive features and environmental care, Metal Mate has become the nation’s leading manufacturer of automotive LPG cylinders. To emphasize our strength as South-East Asia’s leader in alternative fuel pressure container industry, Metal Mate had invested in the most advanced world class production facilities of Type 3 composite CNG cylinders and LPG Type 4 cylinders. This is why you should trust Metal Mate, Thailand’s leading gas cylinder manufacturer for your domestic and international gas cylinder needs.

www.metal-mate.com
Mobile Fueling Solutions
Mobile Fueling Solutions’ objective is to bridge the gap between limited existing fuel stations and customer demand for convenient CNG fueling. We offer onsite fueling with our onsite fueling vehicle. We offer a unique POD delivery system, which can be used as a temporary “fixed” station. Pods can be rotated and refilled as needed.

www.mobilefuelingsolutions

Mobility 21
Mobility 21 is a coalition that brings together public, business, and community stakeholders to pursue regional solutions to the transportation challenges facing Southern California. A nonpartisan alliance, Mobility 21 delivers a unified voice for the region’s transportation priorities. Mobility 21 was created in 2002 to bring together elected officials, transportation providers, businesses, local municipalities, labor leaders, and community leaders in Los Angeles County. In 2007, Mobility 21 grew to become a regional effort to include all seven counties in Southern California—Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura—to engage in a conversation about regional transportation priorities.

www.mobility21.com

Municipal Equipment Maintenance Association
Since 1952, the mission of MEMA is to improve the quality of service in the public sector by providing a forum for the free exchange of experience, technical knowledge, ideas, and opinions that enhance the delivery of public services and promote the personal and professional growth of our members. As a non-profit organization with a membership consisting of over 200 employees from various Southern California city, county, educational, and special district public entities, MEMA serves public safety by helping to ensure that environmentally responsible, safe, and efficient stationary and mobile systems are at work to better serve employers and the public.

www.memasocal.org

NAFA Fleet Management Association
NAFA is the world’s premier association for professionals who manage fleets of vehicles, all types and sizes, for organizations across the globe. NAFA is the association for the diverse vehicle fleet management professional regardless of organizational type, geographic location, or fleet composition. NAFA provides its members a full range of products and services, including networking opportunities, government representation, statistical research, seminars and webinars, publications, chapter meetings, online information, and an annual institute and expo. As part of a trusted community, NAFA members gain the knowledge, expertise, and contacts to help run a more cost-effective fleet while saving money.

www.nafa.org

National Alternative Fuels Training Consortium
The National Alternative Fuels Training Consortium (NAFTC) is a pioneer and national leader in curriculum development, training, education, and outreach activities—as well as developing, managing, and promoting programs and activities that desire to cure America’s addiction to oil, lead to energy independence, and encourage the greater use of cleaner transportation. The NAFTC is the only nationwide alternative fuel vehicle and advanced technology vehicle training organization in the United States, offering more than 25 courses and workshops. The NAFTC is a program of West Virginia University and consists of National and Associate Training Centers located nationwide from Maine to California. It is our mission to provide the training infrastructure for implementing widespread use of alternative fuels, alternative fuel vehicles, and advanced technology vehicles, in an effort to increase our nation’s energy security and improve our air quality.

www.naftc.wvu.edu

National Alternative Fuel Vehicle (AFV) Day Odyssey
National Alternative Fuel Vehicle (AFV) Day Odyssey is a biennial outreach and education event dedicated to promoting the use of AFVs and advanced technology vehicles. Odyssey was developed and is coordinated by the National Alternative Fuels Training Consortium (NAFTC), a program of West Virginia University (WVU), located in Morgantown, West Virginia. Odyssey provides all audiences, from fleet managers and consumers to students and teachers, the opportunity to become better acquainted with viable, clean vehicle alternatives. Consisting of activities such as vehicle exhibits, ride-and-drives, open houses, tours, lectures, and classes, Odyssey also creates the largest collaborative effort of thousands of industry experts and concerned citizens. Odyssey 2014 will be held on October 17.

www.nationalafvdayodyssey.org
Partners, Sponsors, and Exhibitors

National Biodiesel Board
The National Biodiesel Board (NBB) is the national trade association representing the biodiesel industry in the United States. Made from sustainable resources such as soybean oil, recycled grease, and other fats and oils, biodiesel is the first and only EPA-designated advanced biofuel that is produced on a commercial scale across the U.S. It is produced in nearly every state in the country and is used in existing diesel engines without modification. In 2013 the biodiesel industry produced nearly 1.8 billion gallons, supporting more than 62,000 jobs across the country.
www.biodiesel.org

Natural Gas Vehicles Association of Russia
As a non-profit partnership established in 1999, the National Gas Vehicle Association of Russia (NGVRUS) is the only professional association in the NGV and LPG industry in the former Soviet Union. NGVRUS edits the bimonthly Alternative Fuel Transport magazine (www.metaninfo.ru/8_eng.shtml), organizes the annual international NGV/LPG GasSUF ConfEx, and arranges Blue Corridor NGV rallies. NGVRUS cooperates with International Gas Union, European Business Congress, UN ECE and over 1,000 other NGV, LPGV, CNG, LNG, LH2, GTL, and DME organizations all over the world.
www.ngvrus.ru

New Eagle
New Eagle is a production controls integrator and supplier that helps improve your speed and effectiveness to market. We have significant experience in the creation of alternative-fueled system architecture concepts and designs, as well as an in-depth knowledge and working relationship with various suppliers of alternative-fueled electronics and powertrain parts. New Eagle has the experience and expertise of selecting optimal components based on customer requirements that integrate well in order to provide a complete vehicle powertrain solution. Our extensive software library and model-based design approach ensure lower development costs and fast time to market. New Eagle offerings include: model-based tool chains for efficient controls development; rugged, production-ready control system products; controllers, displays, and components for the low to medium volume; and applications engineering available short or long-term.
www.neweagle.net

NGT News
NGT News exists to give stakeholders insight into the rapidly changing landscape related to vehicles, fueling infrastructure, fuel-supply, and equipment development. Our coverage concentrates on various modes of transportation, such as passenger vehicles, taxis, trucks, buses, and rail, and addresses topics pertinent to municipal, government, corporate, and rental fleet management. To deliver this content, NGT News monitors industry activity by examining product trends, reporting on policy, and collecting expert feedback through both daily news coverage and special features.
www.ngtnews.com

NGVA Europe
NGVA Europe has the mission to foster good relations with European and international institutions, and to define and advocate the positions of the European natural gas vehicle industry. NGVA Europe advocates for the global use of natural gas and biomethane as vehicle fuels in order to help secure sustainable mobility for their ability to lower greenhouse gas and vehicle emissions, reduce vibrations and noise, and contribute to overall lower fueling costs. NGVA Europe’s members include companies, associations, institutions, consultants and others supporting the use of natural gas and biomethane as a transportation fuel.
www.ngvaeurope.eu

NGVamerica
NGVamerica is a non-profit organization that advocates greater use of natural gas vehicles where they benefit most: for the economy, for the environment, for health, for security, for America. We help public and private fleets through education and technical assistance programs. We are the recognized expert source for accurate information about light-, medium-, and heavy-duty vehicle availability, performance and emissions; fueling and station development, ownership, and operations options; available federal, state and regional tax incentives and grants; NGV program implementation tips; and vehicle/application economics, including simple-payback and life-cycle cost of ownership analyses.
www.ngvamerica.org
NGV Global

NGV Global welcomes speakers, participants, and exhibitors from around the world to NGV Global 2014, our biennial conference and exhibition. As the international association for natural gas vehicles, we promote technologically efficient and safe adoption of natural gas and biomethane as affordable, lower emission transportation fuels. The primary activities of the association include: government lobbying and policy assistance; development and harmonization of standards and regulations; statistical data collection; technical information exchange; and raising marketing and industry awareness. We also put a significant focus on addressing safety and technical issues of interest to our members and the industry in general. Our industry-leading, weekly online newsletter is a precious tool for sharing the latest information from the global market. NGV Global also maintains two websites: www.iangv.org is our knowledge database and www.ngvglobal.org is our members portal with up-to-date information on standards development. Sponsor and membership inquiries are welcomed. Technical Forums (the Monday agenda in this Conference Program) provide face-to-face interaction with world experts to discuss current marketplace issues. Subscribe to NGV Global News online at www.ngvglobal.com.


NGV Global 2016

NGV Global’s event history is a tale of growth of the natural gas vehicle industry. Diverse locations as far as Australia, Sweden, Argentina, Japan, Malaysia, and Egypt (to mention a few) show NGVs are present on every continent in ever-growing numbers. Conference participant and exhibitor numbers have also grown over the 26 years since NGV Global came into being as The International Association for Natural Gas Vehicles, with 2014 promising to be the biggest and best so far. That leaves the question of “where to” for 2016. With the advent of new NGV markets over the last decade and the promise of conventional fuel markets poised to embrace natural gas and biomethane today, the choices are plentiful. Together with selected event organizer ETF, NGV Global is in the final stages of negotiating the 2016 location, to be revealed at the end of NGV Global 2014. Be there to find out where.

www.ngvglobal.com

NGVi

Natural Gas Vehicle Institute (NGVi) is North America’s leading provider of technical training and consulting on natural gas vehicles and fueling. Established in 1989, NGVi has worked with hundreds of companies to help successfully integrate natural gas into their transportation mix. NGVi is the only ASE-accredited training provider for CNG and LNG vehicles and offers three levels of training programs for technicians. NGVi’s training team is comprised of instructors with more than 20 years of experience in real-world NGV training with fleets and industry. To date, NGVi has successfully trained nearly 20,000 technical professionals in the US and worldwide, including Agility Fuel Systems, ARI Fleet Leasing, Chrysler, Cummins Inc., Encana Oil & Gas, Frito-Lay, Inc., FedEx Freight, Freightliner, Honda, Kwik-Trip, Landi Renzo, Mack Trucks, Navistar, Inc., Penske, Ryder, TravelCenters of America, SuperValu, Veolia Transportation, Volvo, Waste Management, Westport Innovations, WheelTime, and many more.

www.ngvi.com

NGV Italy

NGV Italy was founded in 1996 and brings together the most important Italian companies operating in the field of sustainable alternative fuels for transport. NGV Italy is the place of dialogue and discussion amongst the industrial and commercial sector, from supply to operations and maintenance. It is the preferred instrument of action for regulatory, institutional, and communication joint initiatives in Italy and international relations. NGV Italy has urgent objectives: to create the conditions for further development of the sector by defining rules in step with the times and innovations in the industry, capable of meeting the ever more numerous and demanding users. Our association has assisted the development of projects for mobility with low environmental impact, both in private and public transport and goods. Our member companies are leaders in the sustainable mobility scenario of the future.

www.ngvitaly.com

NGV Journal

This unique site publishes the most relevant and current news of this sector, both in Spanish and English, which are sent through a newsletter to 20,000 contacts and reproduced in different social networks, widening its scope considerably. Its technical features make it possible for users to easily visualize the site and download contents not only from a computer, but also from a tablet or a cell phone. In addition to the daily news, the portal features our 8 magazines, ready to view online or download, as well as the most updated statistics of the sectors.

www.ngvjournal.com
NGV Solutions
NGV Solutions is proud to introduce its new G-FORCE Model 125 mid-level compressor system built in the US. NGV Solutions is a one-stop source for CNG fueling system sales, leasing, and consulting as well as natural gas vehicle conversions. We are committed to customer satisfaction that is achieved through a never-ending commitment to quality, service, and dependability. The equipment we sell and service has been specifically engineered for a wide range of applications with private fleets, the residential market, and public refueling stations in mind.
www.NGVSolutions.com

North American Council for Freight Efficiency
The North American Council for Freight Efficiency (NACFE) is a non-profit organization dedicated to doubling the freight efficiency of North American goods movement. NACFE operates as a non-profit in order to provide an independent and unbiased research organization for the transformation of the transportation industry. Data is critical, and NACFE is proving to help the industry with real world information for fleets and manufacturers to take action. NACFE has joined with the Carbon War Room to bring credible information to the industry for improved confidence in technologies for fleet adoption. This collaboration is called Trucking Efficiency.
www.nacfe.org

Oasis Engineering
Oasis is a global leader of high-flow CNG valves and components for ultra-fast fill CNG systems. Known for high quality, long life cycle, and R&D solutions, Oasis has operated in 40 countries since 1982. By concentrating exclusively on high flow valves and components, Oasis can boast among the highest flow rates in the industry as well as being easily serviceable. All Oasis valves are made from stainless steel certified bar stock and because Oasis uses CNC machining, tighter tolerances are maintained which extends the working life of the components. Oasis continues to set the standard for the industry. See us at booth #648.
www.oasisngv.com

Odyne Systems, LLC
Odyne is a leader in hybrid drive systems for medium- and heavy-duty vehicles. Odyne’s advanced plug-in hybrid technology enables trucks over 14,000 pounds to have substantially lower fuel consumption, lower emissions, improved performance, quieter job site operation and reduced operating and maintenance costs. Odyne has fielded more plug-in hybrid trucks to fleets throughout the United States than any other supplier. The name Odyne represents the combination of “O” for Optimal and “dyne” for Force. The company sells its unique modular hybrid system for new and retrofit applications direct to truck manufacturers and through a global distribution and service network. Follow us on Twitter @Odyne.
www.odyne.com

Oklahoma Department of Commerce
Oklahoma has the most public access CNG fueling stations per capita in the United States. Governor Mary Fallin led a nationwide initiative to move CNG vehicle technology forward by initiating an agreement with 22 other states to purchase CNG vehicles for state fleet operations. Oklahoma is committed to renewable energy and the Oklahoma Department of Commerce is here to help your business succeed. The Oklahoma Department of Commerce is the primary economic development entity in our state. Our mission is to create and deliver high-impact solutions that lead to prosperous lives and communities for all Oklahomans. Ready to grow your business? Stop by our booth and learn more about the incentives and programs we have waiting for you.
www.okcommerce.gov

OMB Saleri
With over 30 years of experience in high pressure gas safety applications and state of the art equipment and laboratories, OMB offers a complete range of CNG, LNG, and H₂ automotive valves, solenoid valves and accessories both for OEMs and aftermarket conversions with the capability to develop any type of dedicated component to satisfy the most demanding technical needs. OMB Saleri products and processes are certified in compliance with ISO 9001:2008 and ISO/TS 16949:2009 quality standards in order to meet the OEM and after-market requirements. The high technology and reliability of OMB Saleri’s products are the result of an important activity in design, defects prevention, and validation tests. All products are 100% tested by advanced control systems able to detect levels of leakage much lower than the requirements set by reference standards. OMB internal Laboratory is fully equipped with state of the art equipment for testing and validation of products in the most adverse and extreme conditions.
www.omb-saleri.it
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Omnitek Engineering Corp
Omnitek offers diesel-to-natural gas engine conversion systems as well as turn-key converted natural gas engines. This allows fleet operators to increase the number of CNG or LNG vehicles in their fleet at a cost that is half the cost of a new CNG truck. The conversion system and engines are available for specific engine models and are EPA-approved.
www.omnitekcorp.com

One Eye Industries, Inc.
One Eye Industries, Inc: welcomes its 18th year in business. With four years of product development and entering our 14th year of sales, our product lines continue to grow to answer the needs of our expanding customer base around the world in every industry. We manufacture an extensive product line utilizing new magnet technology for diesel, gasoline, LNG, LPG, and other new fuels. Our filters work with and complement existing filtration systems and/or replace them with reusable stainless screen filters. Custom designs are welcome.
www.oneeyeindustries.com

Optimum Composite Technologies
Optimum Composite Technologies specializes in the design, fabrication, and production of Type 3 and 4 alternative fuel cylinders. Optimum is able to design and fabricate innumerable tanks of various types, sizes, uses, and operating pressures. Optimum is continuously seeking to advance in an ever growing and changing industry. Since last year’s ACT Expo we have doubled our CNG tank line. While growing we have maintained our dedication to quality. At Optimum we take pride in our products and services and the fact that we offer high performance, high quality, and beautiful blue tanks for our customers. The design and production of our composite cylinders are unique. All our employees are trained and experienced in the production of composite overwrapped pressure vessels. This ensures that every product is carefully handled and thoroughly inspected before it is shipped out. We consistently exceed our customers’ expectations for product quality.
www.optimumct.com

Optimus Technologies
Optimus Technologies is the market leader in high performance bi-fuel conversion systems (diesel and biofuel) for medium- and heavy-duty fleets, providing the simplest way to reduce fuel costs, reduce emissions, and address alternative fuel mandates. Savings can be so significant that fleets can realize a payback of less than one year from Optimus’ solution. Driven by the vision and the knowledge that other alternative fuel solutions were prohibitively expensive and did not provide the same results as biofuels, Optimus was formed in 2010 to commercialize the results of five years of research and development of biofuel systems for diesel engines. Optimus Technologies is private company based in Pittsburgh, Pennsylvania.
www.optimustec.com

OPW CleanEnergy Fueling Products
OPW CleanEnergy Fueling Products is dedicated to continuous innovation in the design, engineering, and manufacture of high-quality components used for alternative fueling applications, such as CNG (compressed natural gas), hydrogen, and LPG (liquefied petroleum gas) on vehicles and dispensing systems. A division of OPW, the global leader in fueling solutions since 1892, OPW CleanEnergy Fueling Products offers a complete line of CNG nozzles (Type 1, 2 and 3) for time-fill, fast-fill, and high-flow applications. OPW CleanEnergy Fueling Products also offers NGV1 and high-flow profile receptacles, CNG hose assemblies, in-line breakaways, fittings, valves and filters, as well as an extensive line of patented LPG fueling nozzles and accessories.
www.opw-fc.com

Ozinga Energy
Ozinga Energy is the Midwest’s leader in Compressed Natural Gas Fueling Solutions, offering turnkey station building design and construction services to include full line equipment distribution and 24/7 support services. Operating four 24/7 CNG Retail Fueling Stations in the Chicago Metro Area in addition to operating 150 CNG powered trucks and support vehicles, Ozinga Energy is not only a station builder, but also an end-user. Our expertise in CNG solutions spans every step of the station building process, from custom design and layout to training and installation. Our experience with fleet operations and maintenance allows us to provide true turnkey services to include mechanic training and facility assessments as well as maintenance shop upgrades. We are first and foremost a service company and we are committed to our customers whenever they need us.
www.ozingaenergy.com
Parker Hannifin
Parker Hannifin is your one-stop source for clean transport technologies. Parker offers an array of greener solutions, spanning hybrid drive technology, biofuels, and natural gas. As a leader in the design and manufacture of systems, subsystems, and components that filter, regulate, control, and convey compressed and liquid natural gas (CNG/LNG), Parker's wide range of products offered is unmatched in the industry. Parker has the ability to integrate multiple technologies into unique, precise, customer-focused solutions in the areas of distribution/retail fueling and onboard vehicles. Solutions from Parker offer faster development, improved service life, reduced risk, and greater value. With annual sales exceeding $13 billion in fiscal year 2013, Parker Hannifin is the world's leading diversified manufacturer of motion and control technologies and systems. Parker's global footprint allows us to partner with customers everywhere, improving their productivity and profitability while discovering new ways to solve humanity's biggest challenges.

www.parker.com

Penske
Penske, a leading global transportation services provider, operates more than 200,000 vehicles and serves customers from more than 1,000 locations in North America, South America, Europe and Asia. Product lines include full-service truck leasing, contract maintenance, commercial and consumer truck rentals, used truck sales, transportation and warehousing management, and supply chain management solutions.

www.gopenske.com

Peterbilt Motors Company
Celebrating its 75th anniversary this year, Peterbilt Motors Company is the leading manufacturer and provider of natural-gas powered commercial vehicles. Peterbilt currently leads the industry with approximately 40 percent of all Class 6-8 natural gas truck sales and offers the broadest range of models, engines, and fuel systems. The company has been manufacturing natural gas vehicles for nearly 20 years. Based in Denton, Texas, Peterbilt has earned its global reputation for industry leading design, innovative engineering, and advanced vehicle technologies for medium- and heavy-duty trucks in on-highway and vocational applications. Peterbilt, a division of PACCAR Inc., has a network of more than 270 dealerships throughout North America that supports customers with truck spec’ing and sales, as well as the full range of aftermarket support services including maintenance, repairs, and parts.

www.peterbilt.com

Phoenix Cars LLC
Based in Ontario, California, Phoenix Cars LLC is a leading developer of all-electric vehicles and systems for the fleet market. Phoenix Cars LLC has worked very closely with its key technology partners to develop a compact and modular EV platform, which can be integrated into a diverse range of vehicle applications. The first Phoenix Cars LLC product to utilize this platform is an all-electric shuttle bus that was designed expressly for use by commercial fleets. Our electric shuttle bus offers fleet owners with an outstanding value proposition, because our shuttle costs significantly less to maintain and operate than traditional gas or CNG vehicles.

www.phoenixmotorcars.com

Power Solutions International, Inc.
Power Solutions International, Inc. (PSI) is a leader in the design, engineering and manufacture of emissions-certified, alternative-fuel power systems. PSI provides integrated turnkey solutions to leading global original equipment manufacturers in the industrial and on-road markets. The company's unique in-house design, prototyping, engineering and testing capacities allows PSI to customize clean, high-performance engines that run on a wide variety of fuels, including natural gas, propane, biogas, diesel, and gasoline. PSI develops and delivers complete .97 to 22 liter power systems, including the new 8.8 liter engine aimed at the industrial and on-road markets, including: medium-duty fleets, delivery trucks, school buses, and garbage/refuse trucks. PSI power systems are currently used worldwide in power generators, forklifts, aerial lifts, and industrial sweepers, as well as in oil and gas, aircraft ground support, agricultural, and construction equipment.

www.psiengines.com
**Powertrain Integration**

Since the inception in 2004, Powertrain Integration has been the premier one-stop option for General Motors on-highway engine solutions. Despite a foundation in gasoline-based product, Powertrain Integration is committed to the alternative fuels marketplace with the development of several products for the truck market. The cornerstone product is the Pithon 8.0L propane autogas fueled engine, powering vehicles up to 33,000 GVW. A General Motors long block, specifically built for the alternative fuels market, is the foundation for the long runner intake manifold, J1939 control system, and heavy-duty configurable accessory drive PI designed for the demands of the medium-duty truck market. Rounding out the Powertrain Integration alternative fuels product offerings are a CNG and newly released LPG versions of the proven General Motors 6.0L engine, which will power 1,000 new package cars for UPS this year.

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

**Pressure Technology G.m.b.H.**

PTEC ltd. stands for consulting, planning, development, production, service, trade, and sales of products for use and integration in mobile and local gas applications. PTEC products are pressure tubes, filters, fuelling nozzles, non-return valves, electromagnetic valves, safety appliances, and custom-designed developments. PTEC is certified acc. TS 16949.

[www.ptec-gmbh.com](http://www.ptec-gmbh.com)

**Propane Education & Research Council (PERC)**

The Propane Education & Research Council (PERC) is a check-off program established, operated, and funded by the propane industry. The only energy council of its kind, PERC leads safety and training efforts and drives technology development to expand the adoption of propane as a clean, domestic, and affordable energy source. As the nation’s leading alternative fuel, PERC recognizes the important role propane autogas plays in the clean transportation movement. Abundant, affordable, and American-made, propane autogas is attracting increasing numbers of fleet managers because it can help green their fleets while also adding green to their bottom lines. To help fuel this movement, PERC supports a robust aftermarket vehicle conversion program, and invests in research, development, and commercialization with leading vehicle manufacturers such as Roush CleanTech, CleanFuel USA, Blue Bird, Thomas Built, Collins, and Freightliner Custom Chassis Corp. Additionally, PERC develops and promotes training and safety programs for those who work with, buy, and sell propane autogas.

[www.propanecouncil.org](http://www.propanecouncil.org)

**PSB Industries**

PSB Industries, Inc. 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 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.

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

**PST Cylinders**

PST Cylinders is a distributor of CNG tanks and components with an emphasis on providing our customers the best value and service in the industry. Our experience in the CNG market provides the best available sourcing for all types of CNG tanks, valves, and brackets, and the supply chain to offer the broadest inventory available. We currently have various sizes of both Type 1 and 2 steel, and Type 3 cylinders available in stock and available to ship next day. We will have stock of Type 4 cylinders by the end of May. We also have approved valves in stock and brackets. We are uniquely qualified to provide valuable information to replace tanks that are approaching the end of their life cycle. We have the database to provide information on the specs of the tanks you have and the tanks available for replacement at a reasonable cost.

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

**Quantum Fuel Systems Technologies Worldwide**

Quantum Fuel Systems Technologies Worldwide, Inc. is a leader in the innovation, development, and production of natural gas fuel storage systems and the integration of vehicle system technologies including engine and vehicle control systems and drivetrains. Quantum produces one of the most innovative, advanced, and lightweight compressed natural gas storage tanks in the world and supplies these tanks, in addition to fully-integrated natural gas storage systems, to truck and automotive OEMs and aftermarket and OEM truck integrators. Quantum provides low emission and fast-to-market solutions to support...
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the integration and production of natural gas fuel and storage systems, hybrid, fuel cell, and specialty vehicles, as well as modular, transportable hydrogen refueling stations. Quantum is headquartered in Lake Forest, California, and has operations and affiliations in the United States, Canada, and India.

www.qtww.com

Questar Fueling
Questar Fueling owns and operates CNG stations for America’s transportation industry. With more than 30 years of CNG experience, the company delivers efficient, reliable and cost-effective CNG fueling specific to trucking customers’ needs. Questar Fueling is a subsidiary of Questar Corporation (NYSE: STR), a Rockies-based integrated natural gas company with an enterprise value of about $5.7 billion and four complementary lines of business: retail natural gas distribution, interstate natural gas transportation, natural gas and oil development and production, and CNG for motor vehicles.

www.questar.com

RAIL SpA
RAIL SpA is one of the most dynamic Italian manufacturing companies in system components for gas propulsion today. The use of latest generation materials and technologies enables RAIL to generate innovation, design, and production that is entirely Italian. Innovation, quality, winning the loyalty of the client—these are the values that have enabled RAIL to consolidate its presence in the global market through its network. The excellence of the products, the significant resources invested every year in research and development, and a widespread sales network are the strong points of RAIL SpA. We are a young company with great passion, know-how, and a dream: helping the world move forward while respecting the environment.

www.railspa.net

Renewable Energy Group
Renewable Energy Group® is a leading North American biodiesel producer with a nationwide distribution and logistics system. Utilizing an integrated value chain model, Renewable Energy Group is focused on converting natural fats, oils, and greases into advanced biofuels and converting diverse feedstocks into renewable chemicals. With 257 million gallons of owned/operated annual nameplate production capacity at biorefineries across the country, REG is a proven biodiesel partner in the distillate marketplace. For more than a decade, REG has been a reliable supplier of biodiesel which meets or exceeds ASTM quality specifications. REG sells REG-9000® biodiesel to distributors so Americans can have cleaner burning fuels that help diversify the energy complex and increase energy security. REG-9000® branded biodiesel is distributed in most states in the US.

www.regi.com

Rostov CNG Vehicle Company
Rostov CNG Vehicle Company is a young Russian firm founded in 2011 which specializes in CNG technology development in the fast-growing Russian natural gas market. We aim to provide the best solutions for CNG business: diesel engine conversion to 100 percent CNG, LPG, or dual-fuel; Type 2 CNG cylinder supply; mobile CNG storage; CNG booster manufacturing; and CNG vehicle sales. We are searching for experienced US companies to partner with so we may consolidate efforts with the CNG technology market in order to implement our technologies for the long-term. Contact Mr. Vladimir Gomon via email at ahov90@gmail.com or call +7 916 606 2612.

www.cngas.ru

Roush CleanTech
Based in Livonia, Michigan, Roush CleanTech offers dedicated liquid propane autogas fuel systems for a variety of light- and medium-duty Ford vans and trucks, as well as Blue Bird Propane-Powered Vision and Micro Bird G5 school buses. Fleet managers can lower operating costs significantly while reducing their carbon footprint by using clean, domestic propane autogas. Currently offered through authorized Ford dealerships across the country, Roush CleanTech propane autogas fuel systems deliver the same factory Ford performance characteristics and serviceability with a 5-year/60,000-mile limited warranty. All vehicles are certified at launch by the Environmental Protection Agency and the California Air Resources Board. Complete details on Roush CleanTech propane autogas offerings can be found online or by calling 800.59.ROUSH.

www.roushcleantech.com
Ryder System, Inc.
Ryder System, Inc. is a Fortune 500® provider of commercial transportation, logistics, and supply chain management solutions, serving customers throughout North America, Europe, and Asia. Ryder has been ranked as one of the top 250 US companies in the Newsweek Green Rankings, and its fleet of more than 500 natural gas vehicles in North America recently surpassed 20 million miles. The fleet consists of liquefied natural gas and compressed natural gas tractors serving more than 40 customer operations in California, New York, Texas, Arizona, Michigan, Utah, Georgia, and Louisiana. The company also opened two natural gas fueling stations for the general public and its lease and rental customers in California in 2013. Ryder is a member of the Department of Energy’s National Clean Fleets partnership and has been recognized by the Carbon Disclosure Project (CDP) in the Carbon Disclosure Leadership Index.

www.ryder.com

Samuel Pressure Vessel Group
The Samuel Pressure Vessel Group (SPVG) manufactures pressure vessels for a variety of upstream, midstream, and downstream applications within the oil and gas industry. Our equipment has been installed in a variety of compression, processing, storage, and transportation systems. Our business partners include OEMs, engineering firms, and oil and gas companies throughout the world. Whether the need is for a basic air receiver, customer separator, reactor, liquid knock-out, or buffer tank, the SPVG has the pressure vessel solution to meet your needs.

www.samuelpressurevesselgroup.com

Sensor Electronics Corporation
Sensor Electronics Corporation is a manufacturer of gas detectors, gas detection systems, and gas analyzers. We will be featuring a complete product line of fixed gas detection products for the alternative fuels industry including gas detectors for LNG, CNG, LPG, H₂, and renewable fuels. Systems are designed for fuel production facilities, transportation, compressors, fueling stations, storage areas, and maintenance facilities. To see more of our many innovative products and features and discuss your project or application, visit booth #1060.

www.sensorelectronics.com

Shanghai Exon-Gas
Shanghai Exon Power System Co., Ltd.—the largest gas system development, manufacturer and gas solution supplier in China—was integrated from Shanghai Exon Gas Equipment Co., Ltd. with its subsidiaries in 2013. Since 2000, we focus on providing the best automotive gas power systems to customers with our fast and considerate services. Exon Power products are designed and manufactured in accordance with the high quality standards assured by the Quality system certification ISO/TS16949 and comply with current regulations (R67-01, R110 and ISO 15500) and EMC norms. Exon Power has strong technology advantages in gas system development and a complete range of special systems for OEM projects. Since 2002, Exon Gas has offered the gas systems and solutions to passenger vehicle OEMs such as Shanghai Volkswagen, SMA, KIA, Chery, Changan, Foton, JAC, etc., and to business vehicle OEMs such as Dongfeng Nanchong Automobile, Hi-Tech Engine, Wuxi Xilian Diesel Engine, Dongfeng Chaoyang Diesel, etc.

www.yx-gas.com

Shell
Shell is a global group of energy and petrochemicals companies with around 90,000 employees in more than 80 countries and territories. We are the leading international oil company in the LNG industry and our capabilities span the full LNG value chain. From floating LNG to small-scale liquefaction, our innovative approach ensures we are ready to help tackle the challenges of the new energy future. Shell has partnered with TravelCenters of America (TA) to develop a nationwide network of liquefied natural gas (LNG) fueling centers for heavy-duty trucks in the US.

www.shell.com

ShowTimes
Delivered to attendees daily, only ShowTimes combines live event coverage, exhibiting products and services news, and executive interviews—all focused on clean transportation and fleets. With editorial provided by Fleets & Fuels’ more than 20 years of market experience, just the right mix of details, perspective, and news at the event makes ShowTimes a must-read for attendees each morning. No publication more effectively reaches the decision-makers in clean and efficient transportation. ShowTimes is published in print and online.

www.showtimesdaily.com
Sierra Monitor Corporation
Sierra Monitor is the leading supplier of hazardous gas and flame detection and management systems used by fleets to maintain safety in alternative fuel vehicle maintenance and storage facilities. Systems include hazardous gas detectors for combustible gas (methane or propane), CO, and NO₂. The gas safety management system provides a user-friendly webserver for users and safety engineers to monitor hazardous gas conditions.
www.sierramonitor.com

South Coast Air Quality Management District
The South Coast Air Quality Management District is the regional air pollution control agency for the greater Los Angeles metropolitan region, also known as California’s South Coast basin—which includes the combined urban areas of Los Angeles, Riverside, and San Bernardino counties, as well as all of Orange County. SCAQMD works to accelerate deployment of low- and zero-emission vehicles, technologies, and products so that 16.5 million Southern California residents can breathe cleaner air—and live healthier lives. Since 1998, SCAQMD’s Clean Fuels Program has leveraged hundreds of innovative, public and private partnerships to bring forward an evolving portfolio of progressively lower-emitting vehicles and fuels. Today, SCAQMD works proactively with regulated businesses, manufacturers, local governments, community stakeholders, research consortia, and state and federal regulatory officials to expand public-private demonstrations of near-zero- and zero-emission breakthroughs including clean fuels, energy efficiency upgrades, and renewable energy technologies.
www.aqmd.gov

Southern California Edison
Southern California Edison (SCE), an Edison International company, is one of the nation’s largest investor-owned utilities. SCE's service territory includes about 430 cities and communities with a total customer base of about 4.9 million residential and business accounts. The company serves nearly 14 million people in a 50,000-square-mile service area within Central, Coastal, and Southern California. SCE is regulated by the California Public Utilities Commission and the Federal Energy Regulatory Commission. SCE maintains more than 115,000 miles of transmission lines. SCE’s service territory contains approximately 1.5 million electricity poles. In order to continue powering California’s growing population and economy, SCE plans to invest up to $20.4 billion over the next four years expanding and strengthening its electric system infrastructure.
www.sce.com

Southern California Gas Company
Southern California Gas Company (SoCalGas) and San Diego Gas & Electric (SDG&E) Natural Gas Vehicles (NGV) program addresses the growing interest by SoCalGas and SDG&E customers in alternative transportation technologies and promotes the use of compressed natural gas (CNG) as an alternative vehicle fuel. The objective of the Natural Gas Vehicles program is to provide information, education, and support to residential and business customers that use or would benefit from using clean-burning natural gas as a transportation fuel. CNG is one of the cleanest, least polluting fossil fuels. Use of natural gas vehicles can have a positive impact on air quality and greenhouse gases. CNG costs less at the pump than gasoline or diesel. It is domestically produced, and can help reduce our nation’s reliance on imported oil and improve US energy security.
www.socalgas.com

SNO-Motion Solutions
SNO-Motion is an alternative fuel component supplier and custom manufacturer and designer of alternative fuel delivery systems. We supply fittings, filters, gauges, regulators, filling receptacles, nozzles, tank valves, and filling stations. We can design any custom component required for your system. We have over 30 years of experience in this industry and understand its needs and requirements.
www.sno-motion.com

SPX
Recognized for its leading brands and turnkey systems capabilities, SPX offers a full range of products for natural gas applications including compressed natural gas (CNG) equipment utilized at public and private fueling stations. The SPX product brand portfolio includes a wide array of CNG dryers and filters to efficiently remove water vapor and submicron contamination from CNG. Transporting natural gas from the wellhead to the final customer involves several physical transfers of custody. Throughout the entire process, SPX dehydration and filtration products play a critical role in efficiently delivering the natural gas to point of use. Learn more about our team of experienced engineers that provide quality solutions to solve your toughest natural gas challenges.
www.spx.com
SSP
SSP is a 100 percent American-made manufacturer of certified, tested, and trusted stainless steel tube fittings, valves, tubing, and installation tools. Twinsburg, Ohio, is home to our ISO 9001:2008, vertically integrated facility. All the engineering, machining, forging, treating, assembly, and testing are done under one roof, allowing SSP to tightly control materials and manufacturing processes. This control translates into high-quality, on-time delivery of both standard and non-standard products.
www.mysspusa.com

Stäubli Corporation
Stäubli meets the needs of the alternative fuel industry with a range of connection solutions for every type of vehicle—both heavy- and light-duty—and every type of filling mode for fleets and self-service. Our products include dispenser nozzles, safety breakaways, receptacles, and more for refueling components. Whether your requirements call for time-fill or fast-fill, all are designed for user-friendliness, long-term reliability, and guaranteed safety.
www.staubli.com

Steelhead Composites
Steelhead Composites, founded in 2012, is a Colorado advanced technology manufacturer that produces the integral components used by advanced manufacturers in numerous industries. The company assists in the development and deployment of next generation emissions-reducing systems by using innovative design, technology, and manufacturing to produce lightweight high-pressure vessels. Steelhead Composites has redesigned hydraulic accumulators optimizing them for hydraulic hybrids. Steelhead Composites is also a new provider of high-pressure cylinders utilized by the compressed natural gas (CNG) sector. In addition, Steelhead Composites offers contract services such as manufacturing of aluminum cylinders; design and analysis of composite pressure vessels; advanced filament winding of composite pressure vessels; material analysis of composite materials and plastics; hydrostatic pressure testing of vessels; cycle testing; and precision 3D inspection of parts.
www.steelheadcomposites.com

Sterling CNG
The perception that the United States lacks the infrastructure necessary to deliver CNG for transportation is a misconception. America has the most extensive network of natural gas distribution in the world. The problem is natural gas is delivered at pressures too low for use for transportation. Sterling CNG solves this problem by bringing refueling infrastructure to your parking lot. You provide the location and Sterling CNG will provide its compression equipment to you, at no cost. Because Sterling CNG owns the equipment you mitigate your risk for inadequate or obsolete compression technology. Furthermore, Sterling CNG maintains ongoing service to ensure that the Sterling CNG solution continues to surpass your expectations as your fleet changes and grows. Combining onsite fueling with Sterling's uncompromising commitment to safety and excellence makes Sterling CNG the solution for fleets looking for CNG Made Simple™.
www.sterlingcng.com

Suzhou Long-Range Cryogenic & Insulation Materials
Long-Range Cryogenic & Insulation Materials Co., LTD is a new high-technology manufacturer, located in Suzhou, 50 kilometers away from Shanghai, China. Long-Range not only has the advanced production technologies in cryogenic and industrial insulation, but also assembled advanced and high efficiency equipment. We are focusing on different kinds of fiberglass products widely applied in the insulation industries, including the cryogenic industries. Long-Range is committed to bravery, innovation, respect, and loyalty as the company’s culture, and is committed to providing the best solution to our customers all over the world.
www.longrange.com.cn/en

Swagelok
Headquartered in Solon, Ohio, Swagelok Company is a major developer and provider of fluid system products, assemblies, and services in the alternative fuels, power, oil and gas, petrochemical, pharmaceutical, and semiconductor industries. With the goal of extending product life cycle and delivering consistent quality, reliability, and safety to our customers, Swagelok invests heavily in materials science and product design. Swagelok is committed to collaboration with our customers through custom designs, special assemblies, manufacturing, and maintenance. Our more than 200 sales and service centers in 70 countries are dedicated to local, close relationships with our customers, yet our resources are global and interconnected. This means that around the world we can provide factory support, field engineering, and technical services at the same time that we provide coordinated deliveries and a range of options for replenishing inventories.
www.swagelok.com
**TA Gas Technology**

TA Gas Technology is the biggest CNG and LPG conversion kit manufacturer in Latin America. TA Gas Technology is certified by ISO 9001:2008 and ISO TS 16949:2009 quality systems which guarantee the maximum reliability of its products, which comply with the most recent world standards (ECE R-110, ISO 15500, NAG, COVENIN, INMETRO).

www.ta.com.ar

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**Tartarani Auto**

Tartarini Auto SpA—the famous Italian Group founded in 1941 by Aleardo Tartarini and managed first by his son Roberto Tartarini—and currently by his Grandson Michele Tartarini—carries almost a century of experience in the use of natural gas as an alternative fuel for vehicles. The Group introduces a new line of modern regulators designed to meet all the latest requirements of the US market such as higher output pressures, compact sizes, and integrated solenoids. These reducers with 4-bar, 3-bar, or 2-bar outputs are the most suitable products for high power gasoline or diesel engines.

www.tartariniauto.it

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**Taylor-Wharton Cryogenics, LLC**

Taylor-Wharton (TW) was founded in 1742 and is the oldest metal working company in continuous operation in the US. The company produces a comprehensive range of liquefied natural gas (LNG) storage tanks and LNG fueling systems for almost any application. The TW LNG tank product menu includes vertical and horizontal stationary cryogenic storage vessels from 1,500 to mega-sized 265,000 gallon capacities. Our ability to engineer and manufacture custom bulk tank designs to a comprehensive range of individual customer requirements is unparalleled. With its global sales and product support team, along with the company’s ISO 9001 approved manufacturing facilities in the United States, Malaysia, China, and the Slovak Republic, TW is strategically positioned to support the world’s LNG markets.

www.taylorwharton.com

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**Time For Gas**

Time For Gas! magazine is dedicated to serving the international gas market. Edited in English, Polish, and Russian, its distribution spans 49 countries worldwide and is featured at many of the most influential LPG, CNG, and LNG international conferences and expos.

www.timeforgas.com

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**Toyota Motor Sales**

Toyota's enduring mission is to contribute to society and the economy by designing and building environmentally advanced, safe, and innovative vehicles, while respecting the environment and the culture of the local communities in which we operate.


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**Transport Topics**

Transport Topics is edited for management personnel involved in operations, administration, planning and control functions, purchasing, and maintenance of equipment in the trucking industry. Articles inform on regulatory and legislative changes, management procedures, technology, new equipment, finance and accounting, economic trends, motor-carrier operating analyses, logistics, safety regulations, information technology, and intermodal freight developments.

www.ttnews.com

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**Trillium CNG**

Trillium CNG™ is a leading provider of compressed natural gas station design, construction, operation, and maintenance. We specialize in fueling heavy-duty fleets that require high-performance solutions. For over 20 years, our team of knowledgeable professionals has exceeded customers’ expectations by delivering superior quality, reliability, and dependability. In fact, our CNG stations operate more efficiently resulting in the lowest refueling lifecycle costs and delivering bottom-line savings. Trillium CNG stations feature the most significant advances in equipment technology like our fast-fill hydraulic intensifier. Our service experience has resulted in a track record of over 99 percent equipment reliability. All of our CNG stations are supported by our highly trained, 24/7 rapid response team. We listen to our customers to understand their performance expectations for today and tomorrow. Our turnkey solutions and flexible business models make the decision to convert to CNG easy. Rely on Trillium CNG to take care of you and your customers.

www.TrilliumCNG.com
Partners, Sponsors, and Exhibitors

Trucking News Online

Trucking News Online is one of the leading online sources for commercial truck industry news, information, and commentary. Our award-winning editorial team provides up-to-the-moment coverage on all of the latest industry news and topics. Thousands of owners, managers, and executives rely on Trucking News Online to help them better understand equipment issues, regulatory concerns, technical challenges, and the future direction of the trucking industry.

www.truckingnewsonline.com

TruStar Energy

TruStar Energy is a leading designer and constructor of CNG fueling infrastructure. TruStar Energy also provides unique no-cost fuel station options that allow fleets to focus on their core competencies with no up-front station capital investment. We’ve been providing CNG fueling solutions to customers throughout the US and Canada since 2009, with products that are consistently on budget, on time, and on target. Our in-house design and construction crews mean that your stations are built without delays, subcontractor miscommunication, or excuses. TruStar Energy. Simply put... “CNG—Your way.”

www.trustarenergy.com

Tulsa Gas Technologies

Tulsa Gas Technologies is a compressed natural gas service company that has become the largest manufacturer of CNG dispensers in North America by providing top of the line equipment and unmatched service. We specialize in both high volume CNG dispenser jobs and single unit jobs to custom specifications. We manufacture many of our dispenser components and design both the circuit boards and systems used in our dispensers. We are also actively involved with the design, installation, and service of new CNG stations with our subsidiary Blue Energy Fuels and select vendors. Other products and services include licensed and certified CNG vehicle conversions, compressors, control panels, and CNG tube trailers. With a continued emphasis on innovation, TGT has been a leader in CNG technology for over 20 years, providing quality service and high tech equipment to companies, governmental agencies, and associations worldwide that sel, use, and promote alternative fuels.

www.tulsagastech.com

USA PRO

USA PRO’s years of vehicle engineering consulting and hands-on design expertise provides a superior level of understanding and insight into vehicle gas detection as related to alternative automotive fuels such as LNG, CNG, propane, and hydrogen. Our commitment to the development of leading-edge combustible gas detection is evidenced by our advanced engineering technologies combined into practical solutions. Our pre-engineered systems adhere to regulations and safety documents governed by NFPA, SAE, and California CHP Title 13. We integrate the latest technology by Amerex as a key component of our NFPA, SAE, and California CHP-approved vehicle gas detection systems. Our systems (installed with model 9000 early warning drivers’ panel) insure that the customer meets the highest regulatory and safety standards. With a wide spectrum of product choices and engineering expertise, USA PRO engineers provide our customers with consistent leading-edge products, technology, experience, and excellent customer service.

www.usaproshoreline.com

US Department of Energy—Clean Cities

The US Department of Energy’s Clean Cities program advances the nation’s economic, environmental, and energy security by supporting local actions to promote the use of alternative fuels and advanced vehicles. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and private sectors to deploy alternative and renewable fuels, idle-reduction measures, fuel economy improvements, and emerging transportation technologies.

cleancities.energy.gov

US Environmental Protection Agency—SmartWay

SmartWay is a collaboration between the US Environmental Protection Agency (EPA) and businesses to move goods more sustainably by helping shippers, carriers, and logistics companies improve fuel-efficiency, cut emissions, and save money across freight supply chain networks. SmartWay partners can access business tools and information to manage the carbon footprint of their freight operations, obtain data on freight statistics and trends, and benefit from technical information on EPA-verified technologies and SmartWay-designated tractors and trailers. In 2012, the US and Canada extended SmartWay into Canada, creating one seamless program with our nation’s largest trading partner.

www.epa.gov/smartway
US Hybrid Corporation
US Hybrid Corporation, headquartered in Torrance, California, is the premier supplier of core powertrain technology for zero-emission fuel cell, battery-electric, and hybrid-electric commercial vehicles. US Hybrid offers comprehensive engineering and production expertise in customized traction-drive systems and fuel cell power plants used in various transit buses, municipal vehicles, and specialty on-road/off-road military applications worldwide, with millions of accumulated kilometers of operation. US Hybrid’s 170kW and 240kW drive motors currently power monorails in Brazil, India, and Malaysia. US Hybrid’s 320kW motors drive heavy-duty mining equipment and Class 8 trucks worldwide. The company is currently manufacturing the next generation of cost-effective fuel cells for the Federal Transit Administration with the intent to commercialize the technology for transit and medium- and heavy-duty trucks. Established in 1999, US Hybrid Corporation has production facilities in California, Connecticut, Massachusetts, and Hawaii.
www.ushybrid.com

Utility Fleet Professional
UFP is the only publication dedicated to the unique informational needs required by utility fleet, equipment, and maintenance managers.
www.utilityfleetprofessional.com

Valley Power Systems
Valley Power Systems is your source for power and emission solutions for on- and off-highway equipment. We are one of North America’s largest factory-authorized distributors for several of the most renowned heavy-duty engine, transmission, generator, and aftertreatment manufacturers globally. In partnership with our suppliers and regulatory agencies, we strive to provide the highest quality products, technical solutions, and accurate information to our customers. We are committed to a GREEN product line that includes Allison Hybrid Transmissions, Doosan CNG on-highway engines, Dresser-Rand Guascor CNG/LPG/biogas stationary engines, EMP “mini-hybrid” thermal systems for transit buses and coaches, aftertreatment systems for all types of equipment, and other advanced technologies. We are certified to implement CNG tank inspections and repairs, and are recognized for our across-the-board GREEN solutions that conserve energy, improve operator retention and equipment resale values while conforming to current and pending regulatory emission standards.
www.valleypsi.com

Verizon Networkfleet
Verizon Networkfleet provides cost-effective fleet management solutions for government agencies, small- to medium-sized businesses, and enterprise fleets. In a world where everyone must do more with less, Networkfleet’s proprietary GPS vehicle tracking and engine diagnostic technologies provide the accurate, timely data organizations need to reduce fuel use and lower greenhouse gas emissions. With Networkfleet’s industry-leading fleet tracking system, organizations can lower costs, boost productivity, improve driver safety, enhance customer service, and compete more effectively. Included at no additional cost is a limited lifetime warranty and emergency roadside assistance to all vehicle classes. Come visit us at booth #630 for a free demo and your chance to win an iPad Mini!
www.networkfleet.com

VERSUSGAS
FHT VERSUSGAS, a Polish company, is the producer, distributor, and designer of Sequential Gas Injection System VERSUS for both LPG and CNG. VERSUSGAS offers a wide variety of products at a very good price/quality ratio. VERSUSGAS products are ECU V OBD KITs, VR line LPG/CNG reducers, FH02 injectors, and other LPG/CNG accessories for car gas installations systems. Apart from the standard offer, FHT VERSUSGAS also provides personalized solution for B2B customers, which includes both OEM and AM projects. This way, Sequential Gas Injection System VERSUS meets different markets’ requirements all over the world. FHT team is the group of specialists and engineers whose main target is to deliver innovative and environmental friendly solutions to VERSUSGAS products’ users.
www.versusgas.com
**VIA Motors**

Led by newly appointed Chairman Bob Lutz, VIA Motors is a privately held electric vehicle development and manufacturing company that believes in a sustainable future powered by electricity. VIA Motors provides the cleanest, most economical work vehicles on the planet by integrating its proprietary V-Drive™ power train into new OEM full-size pickups and vans. Our 11” x 11” electric motor delivers more torque than a gasoline-powered V8. When combined with VIA’s sophisticated software and onboard generator, the V-Drive™ power train delivers up to 40-mile EV range and up to 400-mile extended range, averaging over 100 mpg in typical daily driving. With improved performance, power, and durability over traditional gasoline trucks, VIA VTRUX vehicles are less expensive to own and operate than conventional pickups and vans.

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

**Volvo Trucks**

Since the 1970s, environmental care has been a global initiative for Volvo. Today, this is supported through the ongoing development of alternative fuel technologies, and our Blue Power strategy offers several commercially viable natural gas options to meet the varying needs of our customers. The Volvo Group is the leading supplier of 13-liter engines to the North American market; the same vertically integrated approach now drives the development of new technologies for alternative fuels. Volvo Trucks produces a broad range of Class 8 models with fuel-efficient Volvo engines and the I-Shift transmission. Each truck is supported by Volvo’s Remote Diagnostics and other support services, and backed by a strong nationwide dealer network.

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

**VTI Ventil Technik GmbH**

VTI Ventil Technik International specializes in valve and pressure regulator technology with the highest standards for high-pressure gas applications. Excellent components, high-quality systems, and individual solutions for customers characterize the uniqueness of our company. The validity of innovation, quality awareness, and competitiveness has not changed for VTI since it was founded by Messrs. Schmöle in 1853. Creating and delivering benefits to our customers is our engine and motivation.

[www.vti.de](http://www.vti.de)

**Wayne, A GE Energy Business**

Wayne is forging new directions with advanced fuel dispenser equipment that enables our customers to do more with less. A global fuel dispenser manufacturer for retail and fleet applications, Wayne is leading the way with technological advances on multiple fronts—from eco-fuel solutions and regulation-compliant pay-at-the-pump security, to multimedia marketing and groundbreaking site control systems. Wayne has come a long way since the first oil pump in 1891, and we continue to focus on a future of ever-expanding possibilities.

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

**WEH Technologies**

WEH has been a pioneer in the field of alternative fuels since 1986. It laid the foundation for the worldwide NGV1 standard by developing a complete range of products for NGV refueling—from receptacles, coalescent filters, and check valves in vehicles to fueling nozzles, filling hoses, breakaway-couplings, and filters for fueling stations with applicable NGV1 certification. Currently, WEH is a leading manufacturer of CNG and hydrogen refueling solutions and partner of many automotive manufacturers. Its patented products are ideally suited for self-service operation, especially the pistol grip CNG fueling nozzles. Safety and ease of operation have led to widespread acceptance and customer satisfaction and have been a major step in the development of alternative fuels. As a long-standing partner to the international automobile, hydraulic, and manufacturing industry, WEH has also developed instant connector solutions for hot/cold engine testing and has a Texas-based distribution and service office.

[www.weh.us](http://www.weh.us)

**Weldship**

Weldship builds ISO/MEGC-containers, tube trailers, CO₂ transports, and ground storage modules to uncompromising quality. As a preferred supplier for industrial gas suppliers, independent distributors, and specialty gas/high purity suppliers, Weldship constructs state-of-the-art equipment that stands up to the rigors of transport over both road and ocean. With locations in Bethlehem, Pennsylvania, and Gainesville, Texas, Weldship offers a variety of purchase and lease options on both new and refurbished equipment. Complete rehab and retest facilities are located at both facilities as well. Visit us today in booth #1827 to keep your product safe, your fleet moving, and your profits rolling.

[www.weldship.com](http://www.weldship.com)
West Coast Collaborative
The West Coast Collaborative is an ambitious partnership between leaders from federal, state, and local government, the private sector, and environmental groups committed to reducing diesel emissions along the West Coast. Partners come from all over Western North America including California, Oregon, Washington, Alaska, Arizona, Idaho, Nevada, Hawaii, Canada, and Mexico. To accomplish its goal of creating, supporting, and implementing diesel emissions reductions projects, the Collaborative raises awareness of the need for diesel emissions reductions and the many highly successful state, tribal, local, and regional efforts that promote and support voluntary projects; creates a forum for information sharing among diesel emissions reductions advocates and works to leverage significant new resources to expand voluntary diesel emissions mitigation efforts; and implements projects that are regional in scope, leverage funds from a variety of sources, achieve measurable emissions reductions, and create momentum for future diesel emissions mitigation efforts.

www.westcoastcollaborative.org

Westport
More than a century ago, a few pioneers imagined a new way forward. They put our dreams and aspirations on the road, and we’ve fueled our passion for adventure and progress the same way ever since. No question it’s been a good run, but times change, needs change, and people adapt. The future belongs to newer, more sustainable resources. So how will we get from point A to B more efficiently, responsibly, and economically? At Westport, we’ve been thinking about those questions for some time, and we have answers. In fact, they’re already on the road today. An entire fleet of vehicles from the world’s largest car and truck companies all using Westport engine technology, and a next generation power supply—natural gas. So to those pioneers who first gave us a means of exploring the open road, we salute you, and we promise to carry the mantle forward. To be prepared for whatever’s around the next corner. To give tomorrow’s visionaries license to explore—by designing the most advanced natural gas engines the world has ever seen. Not just for cars and trucks, but for any vehicle that carries a payload, crosses the water, or thunders down the tracks. So climb aboard, grab a seat, and buckle up; the ride’s about to get interesting.

www.westport.com

Women In Trucking
Women In Trucking (WIT) was established in 2007 to encourage the employment of women in the trucking industry, promote their accomplishments, and minimize obstacles faced by women working in the trucking industry. WIT represents women who design, own, sell, fix, and/or drive trucks. By encouraging career opportunities, actively promoting the accomplishments of women in the industry, and minimizing obstacles and challenges that women face on the road, Women In Trucking focuses on driving more women into leadership roles. As a non-profit organization, WIT was created for you—both men and women—who are either involved in the industry, or have a career interest in being a part of one of the largest networks of professionals. Nearly one out of 14 workers are already employed in jobs that support the transportation industry, and the need for drivers and other trucking professionals only continues to increase. The Women In Trucking Association was recognized in 2012 by the White House as a “Transportation Innovator Champion of Change!”

www.WomenInTrucking.org

Workhorse/AMP Electric Trucks
Workhorse® Custom Chassis and AMP Electric Vehicles are continuing their existing medium-duty chassis product lines as well as adding several alternative fuel offerings including all-electric, compressed natural gas, and propane. Workhorse invites all interested fleets and body manufacturers to stop by our booth and explore how we can work to meet your needs.

www.ampelectricvehicles.com

World CNG
World CNG performs compressed natural gas (CNG) conversions of light- to medium-duty vehicles such as taxis, paratransit, trucks and vans, shuttle buses, and cutaway chassis. We develop and install the highest quality systems, ensuring that fleet owners and managers realize the true savings of CNG vehicles. We believe that real savings from CNG not only lies in reduced fuel costs, but that it encompasses the entire ownership cost of the vehicle. World CNG technology is optimally designed to work with existing hardware rather than around it, so that vehicles operate as if no modification was made. Every conversion system is EPA and CARB-approved and all systems comply with the National Fire Protection Association. Our technical and sales staff include some of the industry’s leading experts in CNG vehicle conversion technology, making us uniquely qualified to work with fleet managers across the country to develop customized solutions for the most complex fleets.

www.worldcng.com
World Power Tech
World Power Tech has acquired advanced technologies from countries producing parts for power generation facilities such as nuclear power plants, thermoelectric power plants, hydroelectric power plants, and wind power plants—along with compressors, pump turbines, and machine tools—for the past 18 years. We have localized equipment and materials and have even exported them to the US, Europe, and CIS. We have developed various facilities for eco-friendly energy business for ourselves and commercialized them as the government has prioritized this as a key industry. We have been exporting these products to foreign countries as well as selling them to local markets. World Power Tech is confident that the company will be the best in these business fields by enhancing our competitiveness through the development of advanced high tech products, the enhancement of reliability of the developed products through customer satisfaction, and new technology creation. We will make every effort to become a world-renowned company in the 21st century with the continuous investment in technology and R&D activities.

Worthington Cylinders
Worthington offers the broadest line of alternative fuel cylinders for storage of CNG, LPG, and hydrogen complete with low-pressure ASME and high-pressure Type 1 steel, Type 2 hoop-wrapped steel, and Type 3 aluminum-lined/composite reinforced technology. With more than 50 years of global manufacturing experience, you can count on our engineering, technical, and regulatory expertise.

Wrightspeed
At Wrightspeed, we’re passionate about designing and delivering products that work. Wrightspeed is a powertrain company headquartered in Silicon Valley and started by Ian Wright, one of Tesla Motor’s co-founders. Built on a tradition of quality systems engineering, Wrightspeed’s powertrains are the next step in the evolution of fleet propulsion. We like to make things go, and we like doing it well. We use electric drive in conjunction with a micro-turbine generator for exceptional efficiency, optimal performance, and unlimited range. Wrightspeed’s powertrains deliver operational efficiency, maintenance savings, and emissions compliance all in a “plug-and-play” retrofit kit that was engineered to lower your assets’ TCO.

WTS International
Founded in 1977, WTS is an international organization dedicated to building the future of transportation through the global advancement of women. Boasting more than 5,000 members—both women and men—WTS is helping women find opportunity and recognition in the transportation industry. Through its professional activities, networking opportunities, and unparalleled access to industry and government leaders, WTS is turning the glass ceiling into a career portal. Organized as an association of members served by 50 geographical chapters, we provide programs in mentoring, leadership training, professional development, and scholarships throughout the United States, in Canada, and the United Kingdom.

Wuxi Banner Vessel
Wuxi Banner Vessel, the branch of state-owned company CNSG (China National Salt Group), specializes in all kinds of CNG and LNG tanks for vehicles, CNG cascade, and conversion kits, and also provides natural gas system installation services for OEM vehicles. Currently, Banner has been DOT-FMVSS-304, NGV2.2007, ECER 110, ISO 11439, NZS5454, ISO 14001, TS 16949, GOST-UZ, GB 24160, and GB 17258 certified, as well as NGV conversion licensed. We have been one of the top three suppliers of many well-known OEMs such as Shacman Truck, Sino Truck, Golden Dragon, YoungMan Bus, Toyota (Thailand), and Proton (Malaysia).

Xebec
Xebec proudly launches its new X-Series natural gas filter range—three filter lines covering low, medium, and high pressures (290, 725, and 6000 psig) for the CNG market. The X-Series comes with a full range of filter elements and optimized accessories. Xebec provides innovative end-to-end gas purification, separation, and filtration solutions that transform raw gases into marketable sources of clean energy for the natural gas vehicle (NGV), as well as the hydrogen, helium, field gas, and biogas industries. With more than 40 years of experience and operations in the US, Canada, and China, Xebec has supplied over 9,000 purification and filtration systems to more than 1,500 satisfied customers worldwide. The new X-Series of filters is the perfect complement to its natural gas dryers and custom filtration business.
Xi’an UnionFilter
Xi’an Unionfilter (Group) is located in the Xi’an High-tech Zone and is a well-known enterprise in the field of fluid separation and purification both in China and abroad. They specialize in the fields of high/middle pressure, process gas, large-scale, and non-standard special equipment. With two production field areas, one in the East and one in the West, Xi’an Unionfilter has 14 patented technologies as well as being the only enterprise which has received both the ISO 9001 and the National Military Quality Standard certificates. Xi’an is an experienced company that is strong in science technology innovation, corporation operation in a group, and provides the biggest variety of products and the most advanced technology in the industry.
www.unionfilter.com

XL Hybrids
XL Hybrids is the pioneering developer of hybrid electric powertrains that deliver a 25 percent increase in miles driven per gallon, and reduce CO₂ emissions. Recognized in 2014 as one of the World's 50 Most Innovative Companies by Fast Company, XL Hybrids supports customers such as The Coca-Cola Company and FedEx. The patent-pending XL3 Hybrid Electric Drive System is a revolutionary simple solution that helps commercial and municipal fleets lower operating costs and meet sustainability goals. For new Class 1 to 4 commercial fleets, as well as vehicles that are already on the road, the system is installed in just five hours, and works seamlessly in the background with zero impact on fleet operations or service, and no driver training or infrastructure requirements. XL Hybrids was founded by MIT alumni and is based in Boston, Massachusetts. Follow us on Twitter: @XLHybrids.
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Xperion
As the technology leader for composite products and their use in the areas of energy, environment, and mobility, Xperion has set new standards with the patented hybrid design of its X-STORE CNG type 4 cylinder. Xperion Energy and Environment is a globally oriented company of the Avanco group, setting new standards in the fields of energy and environment with lightweight components. One major focus is the production of the patented X-STORE CNG Type 4 high-pressure cylinders for cars, buses, and trucks and for gas transportation. The Xperion Type 4 high-pressure X-STORE CNG cylinders impress with a patented hybrid design. Our production process optimally combines individual benefits of glass and carbon fibers. The X-STORE cylinders are up to 70 percent lighter compared to steel cylinders and have excellent fatigue and corrosion resistance and an optimum combination of economics, weight, and volume. The Xperion Type 4 cylinders are more economic and robust in comparison to existing Type 3 and 4 composite cylinders. Come visit us at booth #545!
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Zavoli Srl
Zavoli Srl is an Italian company based in Cesena (FC). Zavoli Srl is a world leader in the designing, manufacturing, and marketing of LPG and CNG equipment for the automotive industry. Founded in 1993, Zavoli Srl has since grown with special dynamism, becoming in a short period of time one of the sector-leading companies at an international level. Certified ISO 9001 and ISO/TS, the Zavoli brand is successfully presented in more than 30 countries worldwide thanks to the presence and work of local distributors. The continuous research for innovative solutions, the dedication to technical assistance, and training of its installers make Zavoli Srl’s products some of the most popular conversion systems in the world, as end users and specialized operators widely recognize.
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