

22nd National NGV Conference & Exhibition

September 19-21, 2004

Henry B. Gonzalez Convention Center
San Antonio, Texas



2004 PROGRAM

The #1 event
dedicated to NGV
and natural
gas-to-hydrogen
technologies
and business
development!

The premiere
conference for fleet
executives, policy
makers and clean
vehicle advocates
to exchange ideas
and take action.

NGVs Now



THE CLEAN DRIVE.
THE SECURE ENERGY.
THE PROVEN SOLUTION.

Amy's pickup is strong. Durable.
And amazingly dedicated.



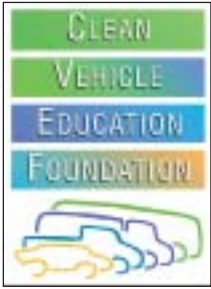
Demanding drivers like Amy appreciate how the Chevy Silverado & GMC Sierra dedicated CNG pickup, new for '04 (a Bi-Fuel version is also available), moves cargo, crew or both on rough terrain, up severe inclines and in adverse road conditions. Maybe because it's powered by the VORTEC 6000 V8 engine. To see all of our trucks and SUVs, visit www.gmaltfuel.com.

GM **ALTERNATIVE
FUELS**

Satisfying drivers. And everyone else.

©2004 General Motors Corporation





Welcome !

Dear Colleague:

Welcome to the 22nd National NGV Conference & Exhibition, hosted by the Clean Vehicle Education Foundation. Our conference theme, **“NGVs *NOW*: The Clean Drive. The Secure Energy. The Proven Solution.”** is the heart of the message that we must communicate to policy-makers, fleet operators and the general public. Deployment of NGVs *now* addresses the three key issues driving the trend toward alternatives to gasoline- and diesel-powered vehicles:

1. The critical need to reduce emissions from cars, trucks and buses and thereby improve the quality of the air we breathe and the environment that we live in and pass on to future generations. We'll cover the latest emissions reduction regulations and guidelines and the technologies available and in development to meet them.
2. Concern about energy security, especially our over-reliance on oil given the ever-increasing world energy demand and the market uncertainty about unrest in the Middle East and other oil-rich regions of the world. Several of our general session speakers address current and future global energy demand, and the bright outlook for NGVs and the NGV industry.
3. Interest in developing more-diversified vehicle and fuel options for the future so that transportation energy use is cleaner, more efficient and less burdensome on our economy and political posture. You'll learn about the promise of hydrogen-fueled transportation technologies that have garnered such widespread media attention lately, what hurdles and opportunities lay ahead and how the advances in natural gas vehicle and fueling infrastructure technology are integral to achieving that promise.

A variety of light-, medium- and heavy-duty NGVs plying the roads all over the world are already proving that there are viable alternatives to petroleum, while saving their operators money, dramatically cutting emissions and lessening dependence on oil. Our program features these operators who share their insights and experiences.

We've designed the conference with your needs in mind. Our program provides practical information to the regulators that shape policy and to the proactive operators and advocates exploring alternative fuel vehicle solutions. Our exhibition format and schedule, including several breaks, meals and receptions in the exhibit hall provides plenty of time to meet with vehicle, equipment and service providers. All this in beautiful and inviting San Antonio, Texas.

I know you will enjoy the conference and venue. Please don't hesitate to let the CVEF staff know how we can make your time here most engaging, informative and productive.

Doug Horne
President
Clean Vehicle Education Foundation



Table of Contents

President's Welcome	1
Convention Center Map	3
Program at a Glance	4
Conference Agenda	6
Exhibit Floor Plan	11
Alpha Listing of Exhibitors	11
Exhibitors Directory	12

A Few Notes...

CVEF staff is glad you're here and we're at your service. To make every registrant's experience at the 22nd National NGV Conference & Exhibition the best it can be, we offer the following helpful hints and reminders about our program and San Antonio:

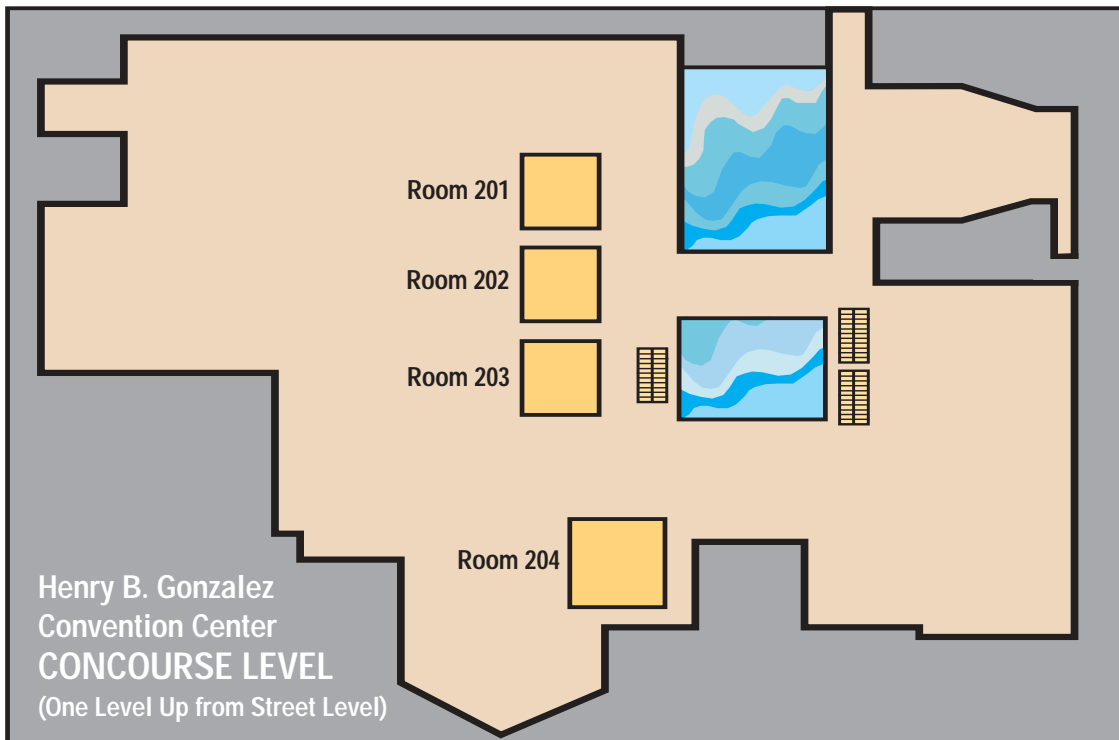
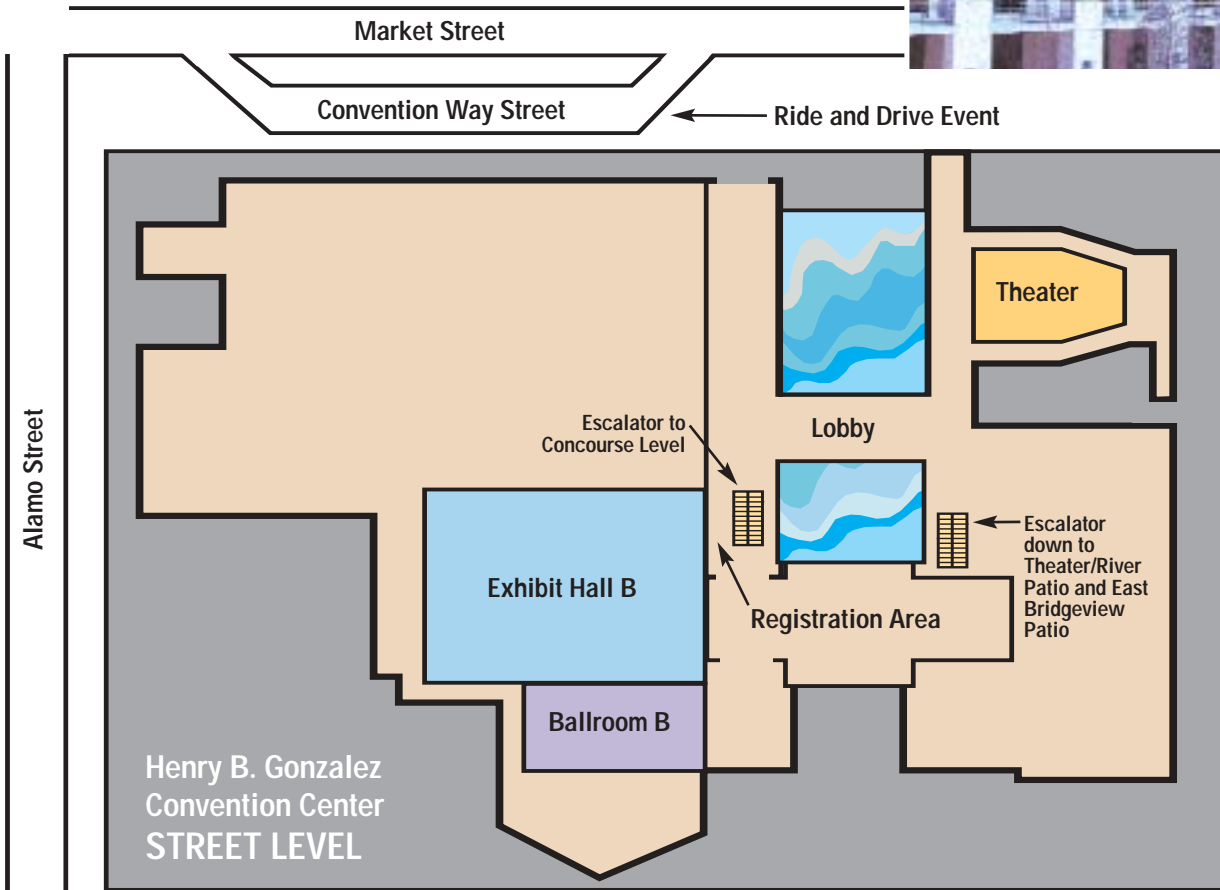
- **Dress Code:** San Antonio offers plenty of sunshine and temperatures in the upper 80s during the day and low-mid 70s in the evenings. Conference attendees are welcome to dress "Business Casual" for all events.
- **Cell Phones/Pagers:** We understand that life continues elsewhere while you are here at the conference and that you may need to remain "reachable" for family members or business associates. As a courtesy to other conference participants, please set your phone/pager on one of its silent notification modes while in the General and Breakout sessions.
- **They say "Timing is Everything":** Throughout our program we've scheduled breaks to allow you to refresh, replenish and network. Enjoy the refreshments compliments of your conference sponsors and, please, help us stay on schedule by returning to session promptly when the break period is over.
- **Badges:** Conference registrants are reminded to wear their badges to gain access to sessions, breaks, receptions, meal functions and the exhibit hall. Wearing your badge not only helps us manage conference functions and costs more efficiently, it helps security staff know you're one of us!
- **Accompanying Guest Passes:** To our registered Accompanying Guests, welcome to San Antonio! We look forward to seeing you at the following events covered by your registration:
 - Sunday evening exhibit hall reception from 6:00-7:30pm and the celebration that continues afterward by the Theater/River Patio on the River Walk from 7:30-8:30pm;
 - Monday evening exhibit hall reception from 5:00-6:30pm and the coffee-dessert reception that follows immediately afterward at the Convention Center's East Bridgeview Patio on the River Walk from 6:30-7:30pm.
- **Emergency Numbers:** In the event of a medical emergency, dial 911 and notify CVEF event staff immediately. CVEF staff will contact the appropriate Convention Center authorities to alert them to be on stand-by to walk in the paramedics to the nearest entrance needed.
 - Nix Medical Center - 414 Navarro (210) 271-1800
 - Baptist Medical Center – 111 Dallas (210) 297-7000

A San Antonio Police Department (SAPD) officer will be available onsite at all times during the conference and the Convention Center in-house security also will be on call. Please notify CVEF staff immediately if you have a police or medical emergency. Thank you.

The Clean Vehicle Education Foundation thanks the following organizations for their assistance in informing their members about the environmental, economic and energy security benefits of NGVs and the resources available at our 22nd National NGV Conference & Exhibition.



Finding Your Way



Program-at-a-Glance

Sunday, September 19, 2004

1:00pm – 5:00pm	Pre-Con Seminar: "NGVs 101: Introduction to Natural Gas Vehicles", room 202
1:00pm – 5:30pm	Joint Meeting of Technical Committee, Equipment & Service Supplier Council and LNG Council, room 201 (CVEF Sponsors, NGVC Members only)
3:00pm – 5:30pm	Utility & Public Fleet Management Working Group Meeting, room 203
6:00pm – 7:30pm	Exhibition Grand Opening and Welcoming Reception in Exhibit Hall B (Sponsored by GM Alternative Fuels)
7:30pm – 8:30pm	Reception continues on Theater / River Patio at River Walk

Monday, September 20, 2004

7:15am – 8:00am	Continental Breakfast in Exhibition Hall B (Sponsored by Harsco GasServ: SCI / Taylor-Wharton)
8:00am – 9:30am	General Session in Ballroom B <i>Welcoming Remarks</i> <i>Lone Star – Shining Star! Texas, Natural Gas and NGVs</i> <i>Managing Change: The Key to Building A Sustainable NGV Market</i> <i>NGVs NOW: The Clean Drive. The Secure Energy. The Proven Solution.</i>
9:30am – 10:00am	Coffee/Refreshment Break in Exhibit Hall B (Sponsored by Cummins Westport Inc and FuelMaker Corporation)
10:00am – 11:30am	General Session in Ballroom B (continued) <i>Transportation Fuel Diversity and Environment from a Global Perspective: The Bright Outlook For NGVs</i> <i>Driving NGVs Into the Hydrogen Transportation Future</i>
11:30am – 2:30pm	Exhibition Open in Exhibit Hall B
11:45am – 1:15pm	Buffet Lunch served in Exhibition Hall B (Sponsored by American Honda Motor Company)
12:30pm – 2:00pm	NGV Ride-and-Drive on Convention Way Street (Sponsored by U.S. Department of Energy Clean Cities Program)
1:15pm – 2:30pm	Workshops/Breakout Sessions Workshop A (Part I): Natural Gas Purchasing, room 203B Workshop B (Part I): Converting Interest into Implementation: A Step-by-Step Guide to NGV Success, room 202B <i>Will the Real "Clean Fuel" Please Stand Up: Sorting Fact From Fiction About Heavy-Duty Engines and Fuels</i> , room 202A <i>The Role of "Carrots" and "Sticks" in Achieving Air Quality and Petroleum Displacement Goals</i> , room 203A
2:30pm – 2:45pm	Refreshment Break in Concourse Foyer (Courtesy of CVEF Bronze Sponsors)
2:45pm – 3:45pm	Workshops/Breakout Sessions Workshop A (Part II): Natural Gas Purchasing, room 203B Workshop B (Part II): Converting Interest into Implementation: A Step-by-Step Guide to NGV Success, room 202B <i>The Competitive Edge: Why Private Fleets Are Switching to NGVs</i> , room 203A <i>Leading By Example: NGVs in Municipal Applications</i> , room 202A
3:45pm – 4:00pm	Refreshment Break in Concourse Foyer (Courtesy of CVEF Bronze Sponsors)
4:00pm – 5:00pm	Breakout Sessions <i>Impact vs. EPACT: State and Federal Fleets That Are Making a Difference</i> , room 203B <i>NGVs Are Taking Off at Airports!</i> room 202B <i>Making the Grade with NGVs</i> , room 203A
5:00pm – 6:30pm	Reception in Exhibit Hall B (Sponsored by Teleflex/GFI)
6:30pm – 7:30pm	Coffee & Dessert Reception on East Bridgeview Patio on the River Walk (Sponsored by American Honda Motor Company)

Tuesday, September 21, 2004

7:30am - 8:00am	Continental Breakfast in Exhibit Hall B (Sponsored by City Public Service of San Antonio)
8:00am - 9:00am	Breakout Sessions <i>Accelerating Development and Deployment of New Heavy-Duty Vehicle Platforms</i> , room 203A <i>Where the Rubber Meets the Road: Partnering with Dealers and Distributors to Meet Customer Needs</i> , room 202B
9:00am - 9:45am	Refreshment Break in Exhibit Hall B (Sponsored by General Dynamics and GreenField Compression)
9:45am – 12:00noon	General Session in Ballroom B NGV Achievement Awards Legislative Update and Election 2004: The Outlook for 2005 and Beyond Global NGV Markets: Strategies For Success Keeping The Pedal to The Floor: Driving Home Our Natural Gas Message Closing Remarks, Door Prize Drawings and Adjourn

Q: What's the difference between natural-gas infrastructure and hydrogen infrastructure?

A: About 10 years.

You can't skip steps on the road to emission-free, energy-independent vehicles. So, at Honda, we're working hard to make sure the transition to hydrogen is as smooth as possible. That's one reason we've invested so much time and energy into our natural-gas vehicle, the Civic GX. Think of the GX not only as an innovative, nearly emission-free sedan, but also as a type of "transition vehicle," one that will make the move to fuel-cell vehicles (like our Honda FCX) easier for both consumers and manufacturers. Since the refueling procedure and hardware are virtually identical for the Civic GX and Honda FCX, today's GX driver makes a perfect "apprentice" for the hydrogen-powered vehicles of tomorrow. And, when the time comes, GX drivers familiar with PHILL, our home refueling station, will be able to easily make the switch to a similar device used to produce and compress hydrogen gas for at-home FCX refueling. There's also good news for natural-gas producers and retailers: The same pipelines that supply gas to CNG stations and residential consumers today will deliver gas to hydrogen reformers (both commercial and residential) tomorrow. At the same time, CNG stations can be converted to compress, store and deliver hydrogen for refueling. Honda's desire is to create forward-thinking vehicles and refueling solutions that help reduce our reliance on oil, imported or otherwise. Together with an industry committed to investment in the technologies of the future, we may just be able to turn ten years into nine.

HONDA
The power of dreams.



FCX not currently available to the public. PHILL will be available in limited quantities February 2005. © 2004 American Honda Motor Co., Inc. honda.com

NGVs Now



THE CLEAN DRIVE.
THE SECURE ENERGY.
THE PROVEN SOLUTION.

On-Site Registration Hours

Saturday	September 18 3:00 p.m. – 6:00 p.m.
Sunday	September 19 7:00 a.m. – 8:00 p.m.
Monday	September 20 7:00 a.m. – 6:00 p.m.
Tuesday	September 21 7:00 a.m. – 12:00 noon

Speaker Ready Room

Speakers may review their presentations (and edit if necessary) in the Speaker Ready Room, Room 204A on the Concourse Level (2nd floor) of the Convention Center. Audio visual equipment will be available. Any changes in CD presentations must be made — and a revised CD submitted to Amy Norris, CVEF staff, at least 12 hours in advance of your presentation.

Speaker Ready Room hours:

Sunday	September 19 8:00am to 6:00pm
Monday	September 20 7:00am to 6:00pm
Tuesday	September 21 7:00am to 12:00 noon

Conference Agenda

Sunday, September 19, 2004

- 1:00pm – 5:00pm **Pre-Con Seminar: "NGVs 101: Introduction to Natural Gas Vehicles"**
Room 202
- 1:00pm – 5:30pm **Joint Meeting of Technical Committee, Equipment & Service Supplier Council and LNG Council**
Room 201
(CVEF Sponsors, NGVC Members only)
- 3:00pm – 5:30pm **Utility & Public Fleet Management Working Group Meeting**
Room 203
- 6:00pm – 7:30pm **Exhibition Grand Opening and Welcoming Reception in Exhibit Hall B**
7:30pm – 8:30pm **Reception continues on Theater/River Patio at River Walk**
(Sponsored by GM Alternative Fuels)

Monday, September 20, 2004

- 7:15am – 8:00am **Continental Breakfast in Exhibit Hall B**
(Sponsored by Harsco GasServ: SCI / Taylor-Wharton)
- 8:00am – 9:30am **General Session in Ballroom B**

Welcoming Remarks

Doug Horne – President, Clean Vehicle Education Foundation

Diamond Sponsor Representatives

Stephen Ellis – Manager, NGV Sales & Marketing, American Honda Motor Company

John Gaydash – Fleet & Commercial Director of Marketing, GM Alternative Fuels

Shelley Launey – Director, U.S. Department of Energy Clean Cities Program

Lone Star – Shining Star! Texas, Natural Gas and NGVs

Hon. Jerry Patterson – Commissioner, Texas General Land Office

Texas' adoption of progressive policies more than a decade ago served as an early catalyst in the development of the NGV market and, with its abundant natural gas resources, Texas will play a key role in the helping our nation meets its energy diversity and air quality goals while creating additional American jobs.

Managing Change: The Key to Building A Sustainable NGV Market

Brian Stokes – Chairman, Clean Vehicle Education Foundation

Recent changes in the marketplace have created new challenges for the NGV industry. By recognizing changes and their implications, assessing opportunities and adapting business plans and models to make the most of the new reality, Chairman Stokes is confident that we can and will manage change and forge ahead.



NGVs NOW: The Clean Drive. The Secure Energy. The Proven Solution.

Richard Kolodziej – President, Natural Gas Vehicle Coalition

Elevated gasoline and diesel prices, the increase in EPA-designated air quality non-compliance areas, and the continuing conflict in the Middle East and other oil-rich regions of the world have heightened awareness of the economic, environmental and energy security implications of our dependence on oil. Kolodziej makes the compelling case that greater deployment of NGVs addresses these challenges and facilitates development of hydrogen-based transportation technologies of the future.

9:30am – 10:00am **Coffee/Refreshment Break in Exhibit Hall B**
(Sponsored by Cummins Westport Inc and FuelMaker Corporation)

10:00am – 11:30am **General Session in Ballroom B (continued)**

Transportation Fuel Diversity and Environment from a Global Perspective: The Bright Outlook For NGVs

Jørgen Henningsen – Principal Advisor to Directorate General for Energy and Transportation, European Commission

World population growth and economic development are generating demand for energy resources – especially oil – that is outpacing production capacity and creating ever-worsening air quality and global warming concern. Henningsen, architect of Europe's long term transportation roadmap, shares key findings of his report to the EC concerning NGV's prominent role in displacing petroleum use in the transportation sector and advancing hydrogen technologies.

Driving NGVs Into the Hydrogen Transportation Future

Mitchell Pratt – Vice President, Business Development, Clean Energy Fuels Corporation
Paul Wuebben – Clean Fuels Officer, South Coast Air Quality Management District

The media attention showered on a few demonstration program fuel-cell vehicles obscures the fact that there are significant technical, code and market entry hurdles that must be overcome to realize the full potential of a hydrogen-based future. We'll cover these challenges and the pivotal "pathway" role for NGVs in the interim several decades.

11:30am – 2:30pm **Exhibition Open**

11:45am – 1:15pm **Buffet Lunch served in Exhibit Hall B**
(Sponsored by American Honda Motor Company)

12:30pm – 2:00pm **NGV Ride-and-Drive Event, departing from Convention Way Street**
(Sponsored by U.S. Department of Energy Clean Cities Program)

Experience the reliable, clean performance of an NGV today! A selection of vehicles will be available just outside the Convention Center for you to test drive.

1:15pm – 2:30pm **Workshops/Breakout Sessions**

Workshop A (Part I): Natural Gas Purchasing Room 203B

Richard Parish – Sr. Project Leader II, National Renewable Energy Laboratory
William Liss – Director of Advanced Energy Systems, Gas Technology Institute
Mitchell Pratt – Vice President, Business Development, Clean Energy Fuels Corporation

In this workshop, you'll find out why buying natural gas is different than buying diesel and gasoline and the pitfalls of purchasing natural gas the "old fashioned way." You'll also learn about utility regulation/deregulation and how it affects your ability to negotiate, and you'll explore different natural gas supply options. Next, you'll learn how to ask the right questions without being an energy expert and ways to identify and team up with a partner that understands NGVs. You'll also get tips on how to approach your local utility about structuring a fuel supply deal and learn about strategies that involve energy marketers, gas futures, and more.

To Our Sponsors: Thank You

Our conference and exhibition would not be possible without the generous support of the sponsors listed here and on the following pages. We encourage you to visit with them concerning your NGV needs when you attend our conference.

Diamond

American Honda Motor Company, Inc.

American Honda is pleased to showcase our Civic GX, a dedicated natural gas fueled vehicle for fleet and personal use. American Honda is committed to offering practical solutions to complex environmental problems. For more, visit www.hondacars.com.

Ford Motor Company

Ford is pleased to sponsor this show for its 6th year. Ford has helped grow the NGV market, selling more natural gas vehicles in the past 10 years than all other OEMs combined. The industry has witnessed great advancements in AFV technology and Ford looks forward to continuing the advancement of environmentally friendly vehicles through its R&D. For more, visit www.fleet.ford.com

GM Alternative Fuels

We're committed to being a leader in providing our customers high-performance, environmentally friendly alternative-fuel vehicles that satisfy government mandates and give them the same GM reliability, durability and safety they have come to expect all at a reasonable cost. For more, visit www.gmaltfuel.com

U.S. Department of Energy Clean Cities Program

This national, voluntary, public/private partnership is led by 80 community-based coalitions to reduce the use of petroleum fuels in vehicles. Strategies focus on alternative fuels, hybrids, idle reduction and fuel economy. Information available at www.eere.energy.gov/cleancities

Platinum

Applied LNG Technologies

Applied LNG Technologies (ALT) is the one-stop alternative fuel service provider of LNG, CNG and LCNG product and delivery systems. ALT offers turnkey fuel solutions including engine conversions, equipment leasing, station installations, safety and training, consulting and more. For more, visit www.altlngusa.com.

CenterPoint Energy

CenterPoint Energy Alternative Fuels operates CNG fueling stations in major metropolitan markets throughout Texas and in Arkansas. We provide a clean, reliable and abundant domestic fuel to help our customers and our nation achieve its clean air, energy security and economic goals. For more, visit www.altfuels.centerpointenergy.com.

Clean Energy

Clean Energy is the largest provider of vehicular natural gas in North America with a broad customer base in the refuse, transit, shuttle, taxi, police, intrastate and interstate trucking, airport and municipal fleet markets fueling daily at strategic locations in the United States and Canada. For more, visit www.cleanenergyfuels.com

Pacific Gas and Electric Company

Pacific Gas and Electric Company is helping to lead the way for its fleet and customers using clean air transportation technologies. Working cooperatively with government and industry to shape a cleaner, healthier future. For more, visit www.pge.com/cleanair.

Southern California Gas Company

The Southern California Gas Company is committed to supporting natural gas vehicles by providing information, education and safety training to operators of natural gas vehicles in our service territory. This goal complements our primary mission to provide safe, reliable, and cost-effective delivery of natural gas to our customers. For more, visit www.socalgas.com.

Gold

Harsco GasServ: SCI / Taylor-Wharton

Structural Composites Industries (SCI) and Taylor-Wharton (T-W), business units of Harsco GasServ, offer a comprehensive line of: LNG Vehicle Fuel Tanks; composite high pressure CNG cylinders; composite high pressure hydrogen cylinders; liquid hydrogen cylinders; and LNG bulk tanks for filling station applications. For more, visit www.harscogasserv.com.

South Coast AQMD

The South Coast Air Quality Management District's Clean Fuels Program supports research, development and demonstration of advanced low and zero emission mobile source engine technologies to facilitate their commercialization to help southern California meet its clean air goals as early as possible. For more, visit www.aqmd.gov

TeleflexGFI

TeleflexGFI is the premier full service supplier of alternative fuel systems and components for natural gas, propane and hydrogen powered vehicles and industrial equipment. OEMs worldwide benefit from our commitment to technological leadership and our industry-leading range of products. For more, visit www.teleflexgfi.com.

Silver

City Public Service of San Antonio

City Public Service of San Antonio, the nation's second-largest municipally-owned electric and natural gas service company, is pleased to sponsor this event. We're committed to helping customers find cost-effective, environmentally sound solutions to their energy needs. For more, visit www.cps-satx.com.

Cummins Westport, Inc.

CWI develops and markets the world's widest range of high-performance low-emissions alternative fuel engines. From school and transit buses to Class 8 heavy-duty trucks, CWI provides environmentally friendly power solutions for fleets and communities around the world. For more, visit www.cumminswestport.com.

FuelMaker Corporation

Ideal for small to mid-size fleets of vehicles and forklifts, FuelMaker has a system that fits your needs and your budget: Fast-Fill, Time-Fill, & Combo-Fill systems, as well as Mini Public Stations - for public access. For convenient on-site natural gas refueling, choose FuelMaker. For more, visit www.fuelmaker.com.

General Dynamics

General Dynamics Lincoln Operations NGV group is a world leader in designing and manufacturing all-composite CNG and hydrogen fuel storage tanks (up to 700+ Bar). In addition to these lightweight and competitively priced tanks, we have modular storage systems available for bus and truck applications. For more, call 1-800-279-TANK

GreenField Compression

GreenField Compression is a global manufacturer and packager of NGV compression and dispensing systems. A world-renowned reputation for technologically advanced products means GreenField Compression is your single source for all your NGV requirements. For more, visit www.gfcomp.com.

Workshop B (Part I): Converting Interest into Implementation: A Step-by-Step Guide to NGV Success Room 202B

Jill Egbert – Coordinator, Greater Sacramento Clean Cities Coalition
Elizabeth Munger – Director, The Green Group

Implementing an effective NGV deployment program requires development of a flexible "master plan" that identifies the people who influence and make decisions and what drives them, its incorporates their concerns and priorities, identifies the resources necessary to meet their needs and follows through. In this two-part workshop, successful advocates share their tips on how to "move" a program from the concept stage to successful implementation including how to identify and qualify opportunities, corral grass-roots support, build momentum and achieve success. Plus you'll get tips on leveraging OPM, i.e. "other people's money." It's a great primer for beginners or a refresher course for experienced NGV users and advocates.

Will the Real "Clean Fuel" Please Stand Up: Sorting Fact From Fiction About Heavy-Duty Engines and Fuels Room 202A

Dennis Smith – Technology Development Mgr, Ofc of FreedomCAR and Vehicle Technologies, US DOE
Michael Jackson – Associate Director of Transportation Technology, TIAX LLC

There's considerable public confusion about the relative emissions and performance of natural gas-, "clean diesel-" and biodiesel-powered heavy-duty engines now available - and in development - to comply with EPA's phase-in of the 2004 and 2007-10 HD engine emissions standards. This session will set the record straight and share the latest R&D results.

The Role of "Carrots" and "Sticks" in Achieving Air Quality and Petroleum Displacement Goals Room 203A

John Boesel – President, WestStart-CALSTART
Ken Kelley – Chairman, Texas NGV Partnership; President, Applied LNG Technologies
Stephen Ellis – Manager, NGV Sales & Marketing, American Honda Motor Company
Kelly Bennett – Senior Policy Analyst, Center for Economic and Environmental Partnership, Inc
Gregg Cooke – Of Counsel, Guida, Slavich & Flores (former EPA Region 6 Administrator)

Legislative and regulatory policies - including whether to use incentives ("carrots") or mandates ("sticks") - can either foster or hinder development of a sustainable AFV market. This moderated roundtable discussion will explore the pros and cons of both approaches, successes and failures thus far, how the courts are weighing in, and the implications for the future.

2:30pm – 2:45pm **Refreshment Break in Concourse Foyer**
(Courtesy of CVEF Bronze Sponsors)

2:45pm – 3:45pm **Workshops/Breakout Sessions**

Workshop A (Part II): Natural Gas Purchasing Room 203B

Continuation of session – see Workshop A description above.

Workshop B (Part II): Converting Interest into Implementation: A Step-by-Step Guide to NGV Success Room 202B

Continuation of session – see Workshop B description above.

The Competitive Edge: Why Private Fleets Are Switching to NGVs Room 203A

George Kalet – Vice President, Sales and Marketing, FAB Industries
Mike Moynahan – Fleet Maintenance Manager, H-E-B Grocery Company
Tommy Mann – Southwest Region Automotive Manager, UPS

A variety of private-sector fleet operators who use NGVs in their fleets are realizing public relations benefits in addition to economic and vehicle performance advantages. In this session, you'll learn which private-sector applications are best suited to NGV use and why and hear from fleet operators about their experiences.

Leading By Example: NGVs in Municipal Applications

Room 202A

Steph Yborra, Director of Market Analysis, Education and Communications, CVEF
Linda Abid-Cummings – Administrative Services Director, City of Riverbank, California
Steven Park – Director of Equipment and Building Services Division, City of Dallas, Texas

Despite lack of federal mandates, many local governments are leading by example, deploying a variety of NGVs in their fleets to reduce emissions and meet regional air quality goals, while also building public awareness and acceptance and lowering operating costs. In this session, local government fleet operators share their experiences and tips on deploying NGVs.

3:45pm – 4:00pm **Refreshment Break in Concourse Foyer**
(Courtesy of CVEF Bronze Sponsors)

4:00pm – 5:00pm **Breakout Sessions**

Impact vs. EPACT: State and Federal Fleets That Are Making a Difference

Room 203B

Jeffrey Clarke – Senior Project Manager, The Antares Group (U.S. DOE State and Alternative Fuel Provider Program)
Joseph Darling – Director of Equipment Management Division, NY State Department of Transportation
James Graham – Environmental Compliance Specialist, U.S. Postal Service – Southwest Area

EPACT legislation was meant to lessen our dependence on oil by accelerating deployment of AFVs but in many cases, it has been undermined by lack of funding and program loopholes that allow AFV purchases without use of the alternative fuel. In this session, you'll hear from EPACT-covered fleet operators who are proving that deploying NGVs is not only possible, it's good for business and makes a difference in their communities.

NGVs Are Taking Off at Airports!

Room 202B

Patrick Quinn – Principal, The Accord Group
Renee Dowlin, AICP – Airport Environmental Planner, Oakland International Airport
Stephen Iachetta, AICP – Airport Planner and Environmental Manager, Albany International Airport

Airports are deploying natural gas shuttles, service vehicles, baggage tugs and sweepers and providing incentives and CNG station access to private ground access vehicles to earn emissions reduction credits and meet local air quality goals. Come hear about successful airport NGV programs and an update on FAA's clean vehicle grants authorized under the new VISION 100 legislation.

Making the Grade with NGVs

Room 203A

Tom Alexander – Program Manager, Pacific Gas and Electric Co.
Jim Taylor – In-House Supervisor – Transportation Division, Tulsa Public Schools (OK)
Claudia Sherrill – Director of Transportation, Elk Grove Unified School District (CA)
Paul Kerkhoven – Director of Government Relations, Natural Gas Vehicle Coalition

School district fleet managers evaluating "clean school bus" options to replace older, more polluting vehicles will want to catch this session where they'll get an update on the OEM buses and engine-fuel modification systems available, hear about successful applications and learn the latest on special grants available.

5:00pm – 6:30pm **Reception in Exhibit Hall B**
(Sponsored by Teleflex/GFI)

6:30pm – 7:30pm **Coffee & Dessert Reception on East Bridgeview Patio at River Walk**
(Sponsored by American Honda Motor Company)



Leading Technology. Advanced Design

Dynetek Industries Ltd. designs, manufactures and markets Advanced Lightweight Fuel Storage Systems™ for CNG vehicles. Dynetek CNG systems for heavy-duty trucks feature:

- Complete fuel system design and installation anywhere in North America
- Lightweight system and components
- Highest storage capacity of all lightweight designs

Dynetek Industries Ltd.
www.dynetek.com | 1-888-398-3835 | e - info@dynetek.com



enviroMECH industries

EnviroMech is an alternative fuel system design and integration company.

Please see website for more information

Tel. 250 404 4214
www.enviomech.net

Bronze

Citizens Gas & Coke Utility

Citizens Gas & Coke Utility is a Public Charitable Trust providing safe and reliable energy services to more than 264,000 customers in Marion County, Indianapolis. The Public Charitable Trust means the utility is managed like a non-profit organization, only for the benefit of the residents of Marion County. For more, visit www.citizensgas.com.

Dynetek Industries

Dynetek Industries Ltd. designs, manufactures and markets Advanced Lightweight Fuel Storage Systems® for compressed gases including hydrogen and natural gas. Dynetek products are used in automotive, transit and heavy-duty truck applications as well as in refueling systems. For more, visit www.dynetek.com

Envirotech Industries

Envirotech Industries, an alternative fuel system design and integration company, provides engineered solutions for Hydrogen, CNG and LNG. Our powerPACK™ line of products has been used on hundreds of heavy duty truck, bus, ground storage, fuel cell, H2ICE and industrial gas applications. For more, visit www.envirotech.net.

Luxfer Gas Cylinders

Luxfer Gas Cylinders, the world's largest manufacturer of aluminum and composite high-pressure gas cylinders, offers an expanding range of high-quality, high-performance hoop-wrapped and full-wrapped composite gas cylinders for CNG and hydrogen storage in alternative fuel vehicles. For more, visit www.luxfercylinders.com.

Chart Energy & Chemicals Group

Chart Industries provides permanent, temporary and mobile fuel stations for liquid natural gas-powered vehicles. Services include vehicle tank manufacturing, station and fuel system design, ongoing maintenance contracts, and three to five year leasing options. For more, visit www.chart-ind.com.

Puget Sound Energy

Puget Sound Energy, which serves customers in eleven western Washington counties, supports development of the NGV market by providing new and existing customers with technical assistance, encouraging third-party station development and actively participating in the Puget Sound Clean Cities Coalition. For more, visit www.pse.com

Questar Gas Company

Questar Gas Company, a natural gas utility serving over 750,000 customers in Utah and western Wyoming, owns and maintains the second largest CNG infrastructure in the nation and has been in the CNG business since 1982. Questar Gas is a wholly-owned subsidiary of Questar Corporation, a natural gas-focused energy company. For more, visit www.questargas.com

Corporate

The Accord Group

ANGI International

BAF Technologies

CP Industries

DRV Energy

Emission Solutions, Inc.

Exelon/PECO Energy

FAB Industries

The Hanover Company

KeySpan Energy

Laclede Gas Company

Parker Hannifin

Public Service Electric & Gas Company

Royalty Enterprises

TIAX, LLC

Trillium/Pinnacle

Tulsa Gas Technologies

We Energies

Tuesday, September 21, 2004

7:30am - 8:00am **Continental Breakfast in Exhibit Hall B**
(Sponsored by City Public Service of San Antonio)

8:00am - 9:00am **Breakout Sessions**

Accelerating Development and Deployment of New Heavy-Duty Vehicle Platforms Room 203A

Brian Pepper – Senior Program Manager, Pacific Gas and Electric Company

Dennis Smith – Technology Development Mgr., Ofc of FreedomCAR and Vehicle Technologies, US DOE

William Calvert – Vice President Sales, BAF Technologies

Rebecca Royer – President, Baytech Corporation

Some truck manufacturers see potential in the heavy-duty NGV market but are reluctant to invest resources without a clear picture of which platforms will generate the necessary sales. Hear how several NGV advocates are working in conjunction with manufacturers to identify profitable applications, develop platforms and support market entry.

Where the Rubber Meets the Road: Partnering with Dealers and Distributors to Meet Customer Needs Room 202B

Sheri Vanhooser – President, DRV Energy

John Walsh – Vice President, National Bus Sales

Clay Okabayashi – Western Region AFV Sales Manager, GM

Craig Peters – Sales Manager, Manchester Honda

National ads, seminars and incentives all contribute to customers' interest in NGVs but it's at the dealer level where the sale is made. This session will focus on how advocates can work effectively with dealers and distributors to build NGV awareness, brand preference and sales through effective communications, lead-development and after-sales support programs.

9:00am - 9:45am **Refreshment Break in Exhibit Hall B**
(Sponsored by General Dynamics and GreenField Compression)

9:45am - 12:00noon **General Session in Ballroom B**

NGV Achievement Awards

Stephe Yborra – Director of Market Analysis, Education and Communications, CVEF

Join us in recognizing customers, clean fuel vehicle advocates and NGV equipment and service suppliers whose leadership, dedication and creativity contribute to the growth of the NGV industry.

Legislative Update and Election 2004: The Outlook for 2005 and Beyond

Gilbert Sperling – General Counsel, Natural Gas Vehicle Coalition

Paul Kerkhoven – Director of Government Relations, Natural Gas Vehicle Coalition

This "hot-off-the-presses" briefing will update attendees on the latest news on what's happening – or not happening – on Capitol Hill these last few weeks before the 2004 General Election and what may be in store for 2005 and beyond.

Global NGV Markets: Strategies For Success

Dr. Jeffrey Seisler – Executive Director, European Natural Gas Vehicle Association

Comparative fuel prices, environmental concerns and progressive government policies have all converged to drive significant NGV market growth in a number of the world's regions. Dr. Seisler shares his insights and those of vehicle, equipment and service suppliers who have successfully capitalized on this opportunity.

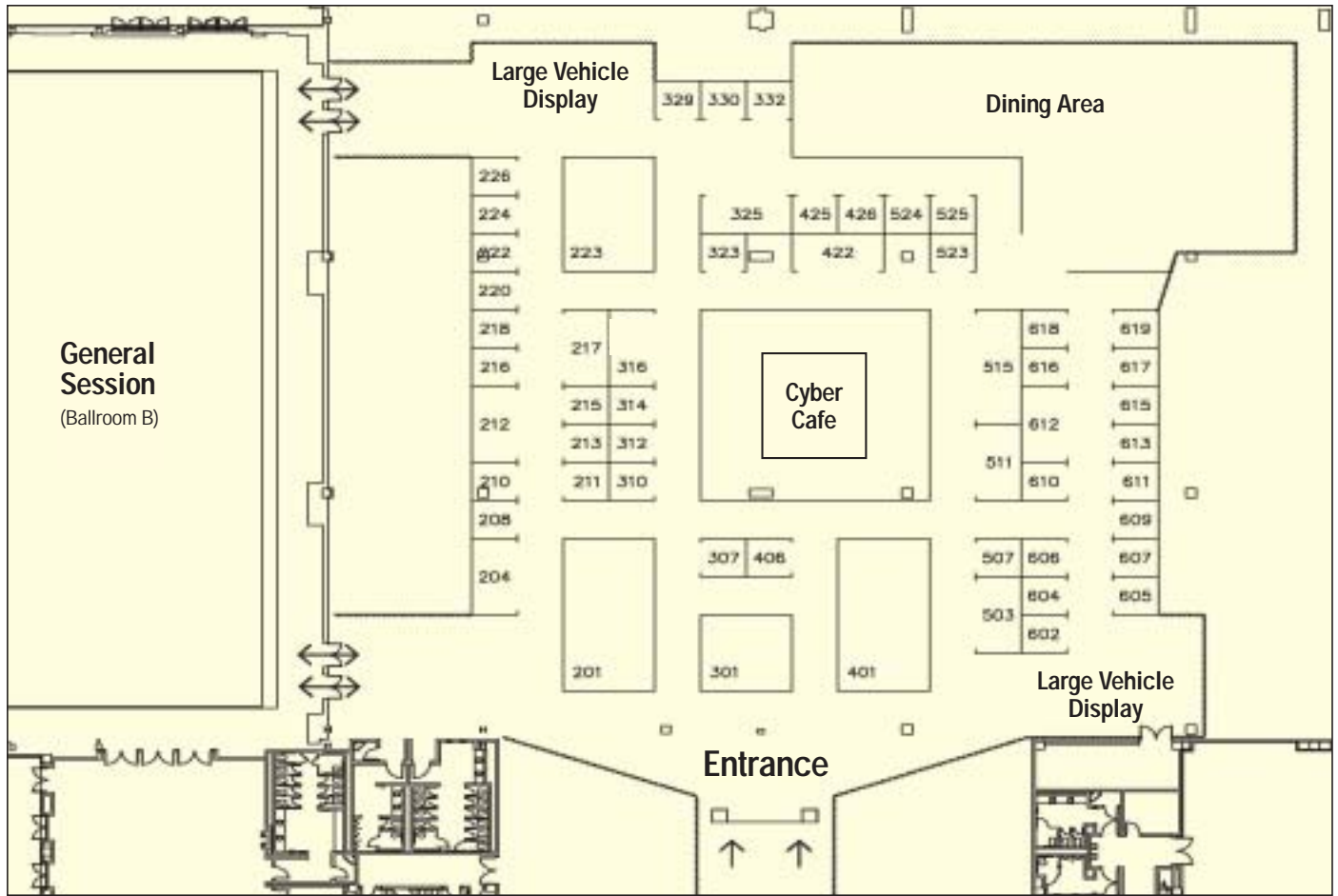
Keeping The Pedal to The Floor: Driving Home Our Natural Gas Message

Andrew Littlefair – Chairman, Natural Gas Vehicle Coalition

Development of the NGV market has taken years of industry commitment, innovation and resolve. Despite perceived obstacles, the outlook for growth is strong as the public becomes more familiar with NGV benefits, says Littlefair, exhorting NGV industry participants to "stay on message" with prospective customers and policy-makers.

Closing Remarks, Door Prize Drawings and Adjourn

Doug Horne – President, Clean Vehicle Education Foundation



Alpha Listing of Exhibitors

Allied Equipment, Inc.	218	Hydrospin	525
American Honda Motor Co., Inc.	201	IMW Compressor Systems	406
ANGI International	422	John Deere Power Systems	226
Applied LNG Technologies (ALT)	301	Kraus Global, Inc.	507
Baytech Corporation	609	Luxfer Gas Cylinders	524
Carter Cryogenic Products Div. of Argo-Tech Co.	425	National Alternative Fuels Training Consortium	607
Chart Energy & Chemicals Group	325	National Bus Sales & Leasing, Inc.	605
Clean Energy	515	OPW-Clean Energy	211
Clean Vehicle Education Foundation	220	P.C. McKenzie Company	617
CP Industries	606	Pacific Gas and Electric Company	329
Cummins Westport, Inc./Westport Innovations	323	Parker Hannifin Corporation-Finite Filter Division	213
DRV Energy, Inc.	212	Seitz Valve Technology (Eugen Seitz USA, Inc.)	523
Dynetek Industries, Ltd.	602	SSP Fittings Corporation	426
E.J. Ward, Inc.	215	Staubli Corporation	615
ECO Fuel Systems, Inc.	619	Synflex Saint-Gobain	216
Emission Solutions, Inc.	604	Teleflex <i>GFI</i> Control Systems	503
FAB Industries	224	Texas Clean Cities Coalitions	612
Ford Motor Company	223	Texas Instruments	613
FuelMaker Corporation	307	Texas NGV Partnership	611
General Dynamics Lincoln Operations	511	The Hanover Company	312
GM Alternative Fuels	401	Titeflex Corporation	310
GreenField Compression, Inc.	204	Tulsa Gas Technologies, Inc.	316
Gas Vehicles Report	222	U.S. Department of Energy Clean Cities Program	610
Harsco GasServ: SCI / Taylor-Wharton	217	Xebec, Inc.	314

Exhibitors Directory

ALLIED EQUIPMENT, INC.218
 P.O. Box 14188
 Odessa, TX 79768
 Ron Worley, President
 432/367-6000 Fax 432/367-3939
 rworley@cableone.net
 www.alliedeq.com

48" ID and 60" ID CNG storage spheres.

AMERICAN HONDA MOTOR CO., INC.201
 1919 Torrance Blvd.
 Torrance, CA 90501
 Gunnar Lindstrom, Sr. Managr AFV Sales and Mktg
 310/781-4412 Fax 310/781-4459
 gunnar_lindstrom@ahm.honda.com
 www.honda.com

American Honda is committed to building clean, efficient vehicles. See the dedicated CNG sedan, the Civic GX. It is built and runs on fuel produced in the USA. Also on display is the Honda FCX, Hydrogen for the future.

ANGI INTERNATIONAL422
 15 Plumb St.
 Milton, WI 53563
 Carol Harmon, Sales & Mktg. Mgr.
 608/868-4626 x222 Fax 608/868-2723
 charmon@angiinternational.com
 www.angiinternational.com

As a pioneer in the NGV industry and a continuing force in the establishment of new NGV technologies. ANGI has built a reputation on delivering solutions that successfully satisfy customer's specific refueling requirements and expectations, independent of size, scope of application.

Harsco Gas Serv
 Alternate Fuel Technologies

LNG
 1-251-443-8680
 LNGInfo@harsco.com

CNG
 1-909-594-7777
 CNGInfo@harsco.com

Taylor-Wharton

Structural Composites Industries

www.harscogasserv.com

APPLIED LNG TECHNOLOGIES (ALT)301
 8101 W. 34th Ave.
 Amarillo, TX 79121
 Juanita Diaz, Dir. of Comms.
 806/359-3327 x283 Fax 806/353-9611
 jdiaz@altlngusa.com
 www.altlngusa.com

ALT executes turnkey natural gas fuel solutions, including: equipment leasing, station installations, natural gas production, low-BTU gas processing and consulting in the LNG, CNG, and LCNG market. ALT is the reliable natural gas solutions provider.

CARTER CRYOGENIC PRODUCTS DIV.425
 ARGO-TECH CO.
 671 W. 17th St.
 Costa Mesa, CA 92627
 James Turvey, Mgr., Refueling Systems
 949/764-2351 Fax 949/610-1977
 jturvey@argo-tech.com
 www.argo-tech.com

Cryogenic Fuel Coupling – 50E701 and 50E700A quick disconnect, cryogenic fueling system. Nozzles used for optimum transfer rate of cryogenic fluids.

CHART ENERGY & CHEMICALS GROUP325
 3505 County Rd. 42 West
 Burnsville, MN 55306
 Claus Emmer, Sales Manager
 952/882-5089 Fax 952/882-5080
 claus.emmer@chart-ind.com
 www.chart-ind.com

Chart Energy & Chemicals Group provides permanent, temporary and mobile fuel stations for Liquid Natural Gas Powered Vehicles. Services include vehicle tank manufacturing, station design, and maintenance contracts, and three to five year leasing options.

CLEAN ENERGY515
 3020 Old Ranch Pkwy., Suite 200
 Seal Beach, CA 90720
 Michelle Brody, Exec. Asst. to Mktg.
 562/493-2804 Fax 562/493-4532
 mbrody@cleanenergyfuels.com
 www.cleanenergyfuels.com

Clean Energy is the largest provider of vehicular natural gas in North America with a broad cus-

tomor base in the refuse, transit, shuttle, taxi, police, intrastate and interstate trucking, airport and municipal fleet markets fueling daily at strategic locations in the United States and Canada.

CLEAN VEHICLE EDUCATION FOUNDATION .220
 400 North Capitol Street, NW – 4th Floor
 Washington, DC 20001
 Doug Horne, President
 Hank Seiff, Director of Technology
 Stephe Yborra, Director of Market Analysis,
 Education and Communications
 202/824-7360 Fax 202/824-7367
www.cleanvehicle.org

CVEF is a non-profit Washington, DC-based organization whose mission is to assess and guide NGV and natural gas-to-hydrogen research, development, demonstration and deployment (R&D) activities and build awareness for - and foster deployment of - natural gas- and other clean fuel-powered vehicles in the public and private sector.

CP INDUSTRIES606
 2214 Walnut St.
 McKeesport, PA 15132
 Mark Ponist, Tech. Dir., Sales
 412/664-6637 Fax 412/664-6653
mark.ponist@cp-industries.com
www.cp-industries.com

Manufacturer of ASME, DOT & ISO seamless pressure vessels for transportation and ground storage of CNG & Hydrogen.

CUMMINS WESTPORT, INC.323
WESTPORT INNOVATIONS
 1700 W. 75th Ave.
 Vancouver, BC CANADA V6P 6G2
 Alexis Boudreau, Mgr., Trade Events
 604/718-2012 Fax 604/718-2001
aboudreau@westport.com
www.cumminswestport.com
www.westport.com

Cummins Westport Inc. is a joint venture between leading diesel engine manufacturer Cummins, Inc. and alternative fuels engine technology company Westport Innovations, Inc. The mission of Cummins Westport is to combine the power of Cummins and the technology leadership of Westport Innovations. Cummins Westport develops and markets the world's widest range of high-performance, low-emissions engines for transit and commercial vehicles, as well as

advanced alternative fuel system technologies for electrical power generation.

DRV ENERGY, INC.212
 1225 S.E. 29th St.
 Oklahoma City, OK 73129
 Sheri Vanhooser, President
 405/670-9099 Fax 405/670-9200
drvenerg@ionet.net
www.drvenerg.com

DRV Energy, Inc. provides the most advanced technology with a wide variety of EPA certified port-

sequential fuel injected CNG and propane vehicle conversion systems, and dual-fuel CNG/diesel. We offer many lines of compressor packages, parts, installation, services, and on-site training. We are the one stop shop for all your alternative fuel needs!

DYNETEK INDUSTRIES, LTD.602
 4410-46 Ave., SE
 Calgary, Alberta CANADA T2B 3N7
 Mairi Serpas, Bus. Mgr.
 403/720-0262 Fax 403/720-0263
mserpas@dynetek.com
www.dynetek.com

Clean Energy is the largest provider of vehicular natural gas (CNG and LNG) in North America with a broad customer base in the refuse, transit, shuttle, taxi, police, intrastate and interstate trucking, airport and municipal fleet markets, and tens of thousands of vehicles fueling at strategic locations in the United States and Canada.

Fueling a Cleaner America

- Fixed, stable fuel prices
- Turnkey fuel agreements
- Financing of new (and existing) stations
- Design, construction, operation and maintenance
- Grant writing and public policy support
- Equity sharing opportunities



3020 Old Ranch Parkway
 Suite 200
 Seal Beach, CA 90740
 562.493.2804
www.cleanenergyfuels.com

Need a Cup of Joe?

Visit the Cyber Café for a hot cup of coffee, to check on your E-mails, or to get a copy of latest editions of the NGV/AFV industry's leading newsletters and trade publications.

Exhibitors Directory continued

Dynetek Industries, Ltd. designs, manufactures and markets Advanced Lightweight Fuel Storage Systems™ for compressed gases including hydrogen and natural gas. Dynetek products are used in automotive, transit and heavy-duty truck applications as well as in bulk transport and stationary refueling systems.

E.J. WARD, INC.215
 8801 Tradeway
 San Antonio, TX 78217
 John Featherston, V.P., Mktg.
 817/910-9761 Fax 817/326-5985
 feather@ejward.com
 www.ejward.com

Automated fuel dispensing and accounting systems. Automatic data transfer from the vehicles OBD (on board diagnostic system) with each fueling transaction.

ECO FUEL SYSTEMS, INC.619
 #2 - 20043 92A Avenue
 Langley, BC CANADA V1M 3A5
 Markus Wenzel, Dir. of Mktg.
 604/888-8384 Fax 604/888-6607
 markus@ecofuel.com
 www.ecofuel.com

ECO Fuel Systems, a leading developer in the

automotive alternative fuel conversion aftermarket, specializes in ultra low emission conversion technology for late model vehicles. Their advanced edi system has been developed for precise, sequential gaseous fuel injection of CNG, LPG or hydrogen, and is used in EPA-certified conversion systems on a variety of popular vehicle applications.

EMISSION SOLUTIONS, INC.604
 2001 Center Circle
 McKinney, TX 75069
 Jim Cole, V.P., Mktg./Sales
 972/369-0099 Fax 972/369-0091
 jimcole@emissionsolutionsinc.com
 www.emissionsolutionsinc.com

ESI remanufactures older medium-to-heavy duty diesel engines to spark-ignited gaseous fuels that will meet EPA 2007 and/or 2010 emission mandates, now.

FAB INDUSTRIES224
 P.O. Box 670688
 Marietta, GA 30066
 George W. Kalet, V.P. Sales & Mktg.
 770/639-3400
 gkalet@fabind.com
 www.fabind.com

FAB Industries designs and builds alternative fuel storage systems for heavy duty vehicles. FAB leads the way in the US with over 2500 fuel systems operating in CNG, LNG and Hydrogen service in California, Arizona and other major metropolitan areas.

FORD MOTOR CO.223
 16800 Executive Plaza Drive
 Dearborn, MI 48126
 800/34-FLEET
 www.fleet.ford.com

Take a journey that will reveal Ford's historical AFV successes as well as lead you to the exciting future of environmental transportation solutions. Your journey will end with a token of Ford's appreciation of your support in environmental technology.

FUELMAKER CORP.307
 70 Worcester Rd.
 Toronto, Ontario CANADA M9W 5X2
 Mario Pirraglia, V.P. Sales and Mktg.
 416/674-3034 Fax 416/674-3042
 mpirraglia@fuelmaker.com
 www.fuelmaker.com

Since 1989, FuelMaker Corporation has designed, manufactured and installed over 8,800 NG com-

TUFFSHELL™ FUEL TANKS
for CNG & Hydrogen

- Variety of sizes up to 531 liters water volume and pressures up to 10,000 psi and beyond
- Modular fuel storage systems for bus and truck applications
- Recognized leader for service and quality at a competitive price

GENERAL DYNAMICS
 Armament and Technical Products

4300 Industrial Ave
 Lincoln, NE 68504
 1 800 279 TANK
 Fax: 402 464 6777
 tuffshell@gdatp.com

ISO 9001

TUFFSHELL

NGV
Natural Gas Vehicles
Clean, Efficient, Made in the USA

Citizens Gas has Indianapolis' largest natural gas-powered vehicle fleet with over 100 service vans using the clean-burning fuel.

Citizens Gas is committed to using compressed natural gas because it contributes to cleaner air, is less expensive than gasoline, and is produced right here in the United States.

Citizens Gas
 Energy for your future. A tradition of trust.

mercial refueling systems for fleet vehicles, forklifts, and ice resurfacers worldwide. They will take a leading role in the development of the consumer NGV market with the introduction of Phill, the world's first low-cost, home-based refueling appliance.

GENERAL DYNAMICS LINCOLN OPERATIONS511
6801 Cornhusker Hwy.
Lincoln, NE 68507
Brock Peterson, Bus. Dev., Mktg. Spec.
402/464-6611 Fax 402/464-6777
bpeterson@gdatp.com
www.gdatp.com

Designer and manufacturer of all-composite NGV/hydrogen fuel tanks and modular fuel storage systems for auto, bus and truck applications. Tuffshell™ fuel tanks are robust and light-weight for a competitive price. Meets all industry standards.

GM ALTERNATIVE FUELS401
100 Renaissance Center
Detroit, MI 48265
Lydia Ciemiak, Mktg. Prod. Specialist
888/GM-AFV-4U, 313/665-6465
Fax 313/667-1181
lydia.e.ciemiak@gm.com
www.gmaltfuels.com

GM is committed to being a leader in providing customer-driven, alternative-fuel vehicles and all the information customers need for a positive ownership experience. Our goal is to provide our customers with high-performance, environmentally friendly vehicles that satisfy government mandates and give them the same GM reliability, durability and safety they have come to expect- all at a reasonable cost. For more information call us at 1-888-GM-AFV-4U or visit www.gmaltfuel.com.

GREENFIELD COMPRESSION, INC.204
909 N. Bowser Rd.
Richardson, TX 75081
Dave Pearce, V.P. Sls. & Mktg.
972/889-2400 Fax 972/234-4829
dave.pearce@gfcomp.com
www.greenfieldcompression.com

Greenfield Compression's world renown reputation as both manufacturer and packager of technologically advanced compression and dispenser products affords one a single source supply for NGV fueling requirements.

GAS VEHICLES REPORT222
Kruiweg 813 A
2132NG Hoofddorp
The Netherlands
+3123 5622 2582 Fax: +3120 773 8209
ckohan@thegvr.com

Liquid Natural Gas
The Alternative Fuel for Heavy-Duty Vehicles

LNG Fueling Stations and On-Board Fueling Systems

For more information, call 1-800-838-0856

CHART

Chart Energy & Chemicals Group

South Coast Air Quality Management District
Clean Fuels Program

The Clean Fuels Program at the South Coast Air Quality Management District (SCAQMD) supports the research, development, and demonstration of advanced low and zero-emission mobile source engine technologies with the goal of having commercialized technologies as early as possible to meet clean air standards in Southern California.



Cost sharing advanced control technologies projects with the private sector, academia, and other federal, state, and local agencies has led to early commercialization of low and zero-emission



vehicles such as fuel cell buses, battery-electric vehicles, and vehicles running on alternative fuels such as natural gas. More recently, the SCAQMD is placing greater emphasis on the transition to hydrogen and fuel cell technologies. Building upon its research base, commercialized alternative fuel technologies will play an important role in this transition.

The Clean Fuels Program focuses on the following main areas of research, development, and demonstration:

- Alternative-Fueled Engines
- Alternate Fuel Infrastructure
- Emissions Control Technologies
- Electric and Hybrid Vehicles
- Fuel Cell and Hydrogen
- Stationary Source Technologies



Since its inception in 1988, the Clean Fuels Program has sponsored over 720 advanced technology projects and provided significant funding assistance to expand the natural gas refueling infrastructure and establish a hydrogen infrastructure in Southern California.



For more information, please see "Clean Air Technologies" at (www.aqmd.gov), under "Clean Air Technologies" or contact Dr. Matt Miyasato, Technology Demonstration Manager, Science and Technology Advancement, at (909) 396-3249 or via e-mail mmiyasato@aqmd.gov.

Cleaning the air that we breathe...

Exhibitors Directory continued

We are an editorial group and organizer of events with offices in Buenos Aires, Rio de Janeiro and Amsterdam, dedicated to the industry and the development of natural gas in its different applications and consumption, with 15 years of experience and activity in the gas industry, automotive and graphic world.

HARSCO GASSERV:
SCI / TAYLOR-WHARTON217
Taylor-Wharton Cryogenic (LNG Products)
4075 Hamilton Blvd.
Theodore, AL 36582

Justin Gish
251/443-2287
jgish@harsco.com
www.harscogasserv.com

Structural Composites Industries
(CNG Products)
325 Enterprise Place
Pomona, CA 91768
John Coursen
909/444-2503
jcoursen@harsco.com
www.harsco.com

Structural Composites Industries (SCI) and Taylor-Wharton (T-W), business units of Harsco GasServ, offer a comprehensive line of: LNG Vehicle Fuel Tanks; composite high pressure CNG cylinders; composite high pressure hydrogen cylinders; liquid hydrogen cylinders; and LNG bulk tanks for filling station applications. For more, visit www.harscogasserv.com.

HYDROSPIN525
5281 Research Dr.
Huntington Beach, CA 92649
714/898-8041 Fax 714/899-6939
sales@hydrospin.com
www.hydrospin.com

Hydrospin is one of the World's leading manufacturers of seamless aluminum liners for AFV and CNG composite cylinders. With over 20 years of experience, continuous research and development efforts and a worldwide distribution of over 2 million aluminum liners, Hydrospin is committed to remaining at the forefront of its industry.

IMW COMPRESSOR SYSTEMS406
45831 Hocking Ave.
Chilliwack, BC CANADA V2P 1B5
Dave Postuma, Dir., Sls. & Mktg. U.S.
760/751-1717 Fax 760/751-1755
dave.postuma@starband.net
www.imw.bc.ca

IMW manufactures and packages state of the art non-lubricated natural gas and hydrogen refueling stations worldwide.

JOHN DEERE POWER SYSTEMS226
3801 W. Ridgeway Ave.
Waterloo, IA 50701
Jennifer Stephens, Inside Sales Coordinator
319/292-5146 Fax: 319/292-5075
email: stephensjenniferl@johndeere.com
www.johndeere.com

John Deere natural gas engines offer industry-leading technology, with a range from 250hp to 280hp, and feature 735 lb-ft to 900 lb-ft of torque.

KRAUS GLOBAL, INC.507
25 Paquin Rd.
Winnipeg, Manitoba CANADA R2J 3V9
Lesley Corden, Sls. Rep.
204/663-3601 Fax 204/663-7112
lcorden@krausglobal.com
www.krausglobal.com

Kraus Global, Inc. is the preeminent solutions provider for the supply of vehicle refueling systems, equipment and components in the petroleum and alternative fuel industries. Kraus Global, Inc. has over 3,800 dispensers in operation around the world, with major installations in Chile, China, Egypt, Germany, Korea, Mexico, India and Turkey.

PG&E is Dedicated to NGV Technology



One of 29 John Deere natural gas powered Freightliner trucks developed by PG&E.

PG&E is concerned with improving air quality and has been successful with EPAact compliance and, there is a bigger picture...

- Demonstrating the safe, reliable, and cost-effective use of electricity and natural gas vehicular fuels.
- Providing safety and educational services to customers about the alternative fuel transportation field.
- Being a leader in the alternative fuel transportation field by conducting research and development projects to expand technology.

...setting a good example so that customers can come to PG&E as an Alternative Fuel Vehicle resource.

For More Information please visit
www.pge.com/cleanair
or call Toll Free
1-800-684-4648



D O O R P R I Z E S

Compliments of our sponsors, the Clean Vehicle Education Foundation will be conducting door prize drawings throughout the exhibition hours. Door prizes include restaurant gift certificates, branded sportswear, a digital camera, a golf bag, and more! Plus the Grand Prize – a classic red Snap-on seven-drawer Roll Cab tool chest PLUS a \$500 gift certificate to start or supplement your collection of the finest automotive tools in the business. Registrants will receive a door prize ticket upon their entry into the hall each scheduled exhibit time (i.e., continental breakfasts, refreshment breaks, lunch/exhibition, receptions). Door prize tickets will be drawn and the winning numbers will be announced so don't wander too far or you'll miss out!

Snap-on KRA 2007 7-drawer Tool Chest

- Lock 'n Roll® drawers prevent unwanted openings
- Double-wall construction for unsurpassed strength
- 1200-lb. Capacity, 2621 square inches of storage
- Heavy-duty caster wheels, 100lb rated ball bearings



Grand Prize sponsored by Applied LNG Technologies

REMEMBER—YOU MUST BE PRESENT TO WIN!

FOR ONCE THE
BIG GUYS THE
ONE WITHOUT
BAD GAS

ALT
APPLIED LNG TECHNOLOGIES

reliable natural gas solutions
ALT.LNGUSA.COM

The advertisement features a blue-tinted photograph of a busy city street at night. In the foreground, a yellow bus is visible, with a driver looking out. Several cars are in traffic. The background shows city lights and buildings. The text is overlaid on the right side of the image. The ALT logo is in the bottom left, and the website URL is in the bottom right.

Exhibitors Directory continued

LUXFER GAS CYLINDERS524
 3016 Kansas Avenue
 Riverside, CA 92507
 Mark Trudgeon, AFV Mkt. Mgr.
 951/684-5110 Fax 951/341-9223
 mark.trudgeon@luxfer.net
 www.luxfercylinders.com

As the world's largest manufacturer of aluminum and composite high-pressure gas cylinders, Luxfer Gas Cylinders offers a comprehensive, and yet expanding, range of high-quality, high-performance hoop-wrap and full-wrap composite cylinders for CNG and hydrogen storage in alternative fuel vehicles.

NATIONAL ALTERNATIVE FUELS TRAINING CONSORTIUM 607
 1460 Earl Core Rd.
 Morgantown, WV 26505
 Al Ebron, Exec. Dir.
 304/293-7882 Fax 304/293-6944
 al.ebron@mail.wvu.edu
 www.naftc.wvu.edu

The National Alternative Fuels Training consortium develops curricula and trains automotive technicians and the general public about alternative fuel vehicles and advanced technology vehicles.

OPW – CLEAN ENERGY211
 1400 Sylvan Rd.
 Chelsea, MI 48118
 Mark Drow, Mfr. Rep.
 734/433-5000 Fax 734/433-5405
 mdrow@voyager.net
 www.opw-fc.com

OPW: a World leader in Petroleum Equipment. OPW's CleanEnergy is committed to the alternative fuels market with valves, fittings and break-aways.

P.C. MCKENZIE COMPANY 617
 1365 McLaughlin Run Rd.
 Pittsburgh, PA 15241
 Mark W. Good, Pres.
 412/257-8866 Fax 412/257-8890
 mwg@mckenziecorp.com
 www.mckenziecorp.com

Ingersoll Rand's Master Distributor – Worldwide. We offer genuine IR CNG after market parts, replacement blocks and complete IR compression packages for NGV refueling.

PACIFIC GAS AND ELECTRIC COMPANY329
CLEAN AIR TRANSPORTATION TEAM
 P.O. Box 770000, Mail Code H18L
 San Francisco, CA 94177

Janice Morrison, Clean Air Transportation Team
 jcmn@pge.com
 415/973-5297

Pacific Gas and Electric Company is helping to lead the way for its fleet and customers using clean air transportation technologies. Working cooperatively with government and industry to shape a cleaner, healthier future.

PARKER HANNIFIN CORPORATION-FINITE ...213
 500 Glaspie St., P.O. Box 599
 Oxford, MI 48371
 Tom Drewes, Mktg.
 248/628-6400 Fax 248/628-1850
 tdrewes@parker.com
 www.finitefilter.com

NGV's run on natural gas, NOT on compressor lube oil! Parker Hannifin's Finite® Filter specializes in CNG filtration and offers a full range of filters and filter media to meet your application demands, from compressor to dispenser to on-board your vehicle. Finite® will keep your NGVs on the road.

SEITZ VALVE TECHNOLOGY (EUGEN SEITZ USA, INC.) 523
 8700 W. Bryn Mawr Ave., Suite 800 South
 Chicago, IL 60631

GreenField
The local NGV company, WORLDWIDE

- 85 years of NGV experience
- Guaranteed and Proven Performance/Reliability
- Single source of supply from a packager who is the manufacturer

1,500 NGV installations operating today

GreenField
GreenField Compression, Inc.
 909 North Bowser Road • Richardson, TX 75081
 ph: 972-889-2400 • fax: 972-234-4829

The Natural Evolution of Power. **Westport**

PROVEN RELIABILITY — LOW EMISSIONS
Alternate Fuel Engines for Truck and Bus

B Gas Plus
C Gas Plus
L Gas Plus

604.718.8100
www.cumminswestport.com

Andy Freyer, V.P.
773/714-5060 Fax 773/714-5061
afreyer@seitzusa.com
www.seitzusa.com
www.seitz.ch

High pressure solenoid-operated CNG valves and manifolds for CNG dispensing systems.

SSP FITTINGS CORP. 426
8250 Boyle Pkwy.
Twinsburg, OH 44087
Mark Hurt, Dir. of Sls.
330/425-4250 Fax 330/425-8106
mark.hurt@sspfitting.com
www.sspfitting.com

ISO 9001: 2000 certified designer and manufacturer of high-pressure, corrosion-resistant adapters, connectors and fittings.

STAUBLI CORPORATION 615
201 Parkway West
Duncan, SC 29334
Vanessa Garcia, Mktg. Coord.
864/486-5455 Fax 864/486-5498
v.garcia@staubli.com
www.staubli.com

A brief overview of nozzles and receptacles for natural gas vehicle applications.

SYNFLEX SAINT-GOBAIN 216
1395 Danner Dr.
Aurora, OH 44241
Mike Rauh, Product Mgr.
330/995-1600 Fax 330/995-1699
michael.a.rauh@saint-gobain.com
www.synflexhose.com

Synflex® 35NG is specifically designed for high pressure CNG dispensing systems. Synflex® invented this hose and continues to supply the best product on the market. The hose is electrically conductive and has a lightweight, flexible design. For worry-free and safe operations, nothing but Synflex®!

TELEFLEXGFI CONTROL SYSTEMS 503
100 Hollinger Crescent
Kitchener, Ontario CANADA N2K 2Z3
Healy Balzer, Marketing Coordinator
519/576-4270 x409 Fax 519/576-5464
hbalzer@teleflexgfi.com
www.teleflexgfi.com

TeleflexGFI is the premier full service system supplier of alternative fuel systems and components for natural gas, propane, and hydrogen powered vehicles and industrial equipment. OEMs worldwide benefit from our commitment to technological leadership and our industry-leading range of products.

A Special Thank You

Convening the 22nd National NGV Conference & Exhibition required the hard work of many individuals. The following deserve special recognition for their dedication and willingness to go the "extra mile" to make this event a success.

Our Friends at Exhibit Promotions Plus
(Harve, Kevin, Eileen, Nadine, Kelly)

Dennis Pollard, DRPollard & Associates, Inc.
(who makes the impossible happen!)

The gang at Hargrove Inc
(Matt, Molly, Kara and the reps)

Karen Pollard, Karen Pollard Design
(wow, what a web site!)

Our Texas Connection:
Dan Deaton, Stacy Neef, Mindy Mize,
Jason Salinas, Kim McGuire, Soll
Sussmann, Juanita Diaz, Curt Alexander,
John Quebe, David Haradon, Silvia Kent and
Special thanks to Elizabeth Munger.

Our Show Management/Coordination Team
Chris Goldberg, Margaret Townsend,
Amy Norris, Kelly Batte and most important,
my wife/friend/partner, Lee Yborra, who worked
hard, was paid little and put up with me
for the past 10 months!



The premier Full Service System Supplier
of alternative fuel systems and components.

www.teleflexgfi.com
1-800-667-4275



We offer a broad range of
high pressure composite
and aluminum cylinders for
alternative fuel vehicles.

Please see our website for
more details, or visit us at
22nd National NGV
Conference & Exhibition.

www.luxfercylinders.com
Tel: 800-764-0366

Exhibitors Directory continued

TEXAS CLEAN CITIES COALITIONS616
 7937 Cross Plains Drive
 Plano, TX 75025
 Dan Deaton, US DOE South-Central Prog. Mgr.
 972/491-7276

Part of the US Department of Energy's national network of voluntary, public/private partnerships led by community-based coalitions to reduce the use of petroleum fuels in vehicles: Alamo Area; Dallas-Ft. Worth; Houston-Galveston; Greater Corpus Christi; Paso del Norte; Central Texas; Laredo; Southeast Texas; East Texas; and Lower Rio Grande Valley

TEXAS INSTRUMENTS613
 34 Forest St, MS 01-39
 Attleboro, MA 02703
 Roland Onorato, Mkt. Comms. Mgr.
 508/236-3450 Fax 508/236-1205
 ronorato@ti.com
 www.tisnc.com

Texas Instruments designs, manufactures and markets a broad line of pressure sensing products, including pressure transducers and pressure switches.

TEXAS NGV PARTNERSHIP611
 c/o NJG Associates
 www.tx-ngvp.org

The Texas Governor, Legislators, Commissioners and people of Texas have spoken out in favor of improving the air quality for its citizens. The Texas NGV Partnership, consisting of private businesses and public agencies, brings together these entities to achieve that goal.

THE HANOVER CO.312
 20602 E. 81st St.
 Broken Arrow, OK 74014
 Tom Ostrye, Alt. Fuels Bus. Mgr.
 918/259-2201 Fax 918/259-2386
 tostrye@hanover-co.com
 www.hanover-co.com

CNG Fueling Systems, System Components and O&M Services for nearly every CNG application. From design through installation, Hanover utilizes its extensive industry experience and capabilities to provide solutions to meet your specific CNG fueling needs.

TITFLEX CORP.310
 1995 Peacock Blvd.
 Oceanside, CA 92056
 Marlene Nourbakhsh, Cust. Svc. Mgr.
 760/721-4990 Fax 760/721-0114
 mnourbakhsh@titeflex.com
 www.titeflex.com

Titeflex Corporation manufactures the ultimate CNG hose used by automotive and tank manufacturers, fleet conversions, Twin-Line dispenser hoses which are all certified by CSA and conform to NGV4.2 and NFPA regulations.

TULSA GAS TECHNOLOGIES, INC.316
 4809 S. 101st E. Ave.
 Tulsa, OK 74146
 Tom Sewell, Pres.
 918/665-2641 Fax 918/665-2657
 tsewell@tulsagastech.com
 www.tulsagastech.com

Manufacturer of CNG dispensing equipment, metering devices, sequencing panels and provers; compressor and compressor part sales.

U.S. DEPARTMENT OF ENERGY610
CLEAN CITIES PROGRAM
 1617 Cole Blvd., MS-1633
 Golden, CO 80401
 Wendy Defoe, Natl. Renewable Energy Lab. (NREL)
 303/275-4470 Fax 303/275-4415
 wendy_defoe@nrel.gov

This national, voluntary, public/private partnership is led by 80 community-based coalitions to reduce the use of petroleum fuels in vehicles. Strategies focus on alternative fuels, hybrids, idle reduction and fuel economy.

XEBEC, INC.314
 730 Industriel Blvd.
 Blainville, Quebec CANADA J7C 3V4
 Marie Genevieve Poitras, Sls. Appl. Spec., Gas Dryer Sys.
 450/979-8718 Fax 450/979-7869
 mpoitras@xebecinc.com
 www.xebecinc.com

Xebec, Inc., specializes in the engineering, design and manufacturing of compressed air and natural gas dryers, together with associated filtration equipment and instrumentation.

Late Additions

BAYTECH CORPORATIONBooth 609
 PO Box 1148
 Los Altos, CA 94023
 Rebecca Royer, President
 650/949-1976 Fax 650/949-1970
 sales@baytechcorp.com
 www.baytechcorp.com

Offering EPA- and CARB-certified low emission CNG systems for General Motors vehicles and engines. Available products include light-, medium- and heavy-duty trucks, vans and SUVs, and heavy-duty engines for specialty vehicles. EPA and CARB certification levels include ULEV, ILEV, LEV and Low-Nox.

NATIONAL BUS SALES & LEASING ...Booth 605
 PO Box 6549
 Marietta, GA 30065-0549
 John Walsh, VP - Commercial Bus Sales
 800/282-7981 Fax: 700/422-9007
 jwalsh@nationalbussales.com
 www.nationalbussales.com

National Bus Sales & Leasing is a distributor for a variety of commercial, school and specialty bus and coach vehicles from manufacturers including Goshen, Krystal Koach, Blue Bird Body and GMC. Our experience with selling and servicing CNG buses and shuttles is second to none. Come visit us to see why.

Notes

Building a viable infrastructure...
one station at a time



simple • convenient • affordable
www.fuelmaker.com



**City
Public
Service**

Committed to the People We Serve

San Antonio's Energy Company

The Second Largest Municipally-Owned
Gas and Electric Company in the United States.

IS PROUD TO SPONSOR
THE NATIONAL NGV CONFERENCE

City Public Service
P.O.Box 1771
San Antonio, TX 78296-1771
www.citypublicservice.com



We now accept major credit cards as well as Voyager and Wright Express fleet cards at all Southern California Gas Company public access NGV stations. It's just one more way we add convenience to your life.

After all, we've been providing safe, reliable and efficient natural gas for more than 130 years. Learn more about natural gas vehicles by visiting www.socalgas.com.



A Sempia Energy company

Glad to be of service.™

©2004 Southern California Gas Company. All copyright and trademark rights reserved.

» Save the Date!

Clean Cities Coachella Valley Region and the Alternative Fuel Vehicle Institute are pleased to announce their partnership in presenting the 11th National Clean Cities Conference to be held in Palm Springs, California, May 1-4, 2005. The conference provides a forum for industry, government, and other stakeholders to discover their commonalities, collaborate on public policy, investigate opportunities, leverage resources and develop strategies to reduce petroleum consumption in communities across the world.

2005 Highlights

- ▶ Advanced technology vehicle focus
- ▶ Special pre-conference tours to be determined
- ▶ May 3, 2005 is "Fleet Day"
- ▶ International focus
- ▶ National idle reduction announcement
- ▶ Nationally renowned speakers
- ▶ Legislative & regulation updates

Exhibit and sponsor opportunities now available!

702-254-4180 • www.afvi.org

Palm 
Springs
May 1-4, 2005

11th National
Clean Cities
Conference
& Exposition

