

Reno, Nevada • October 14–15 • 2007

MAKING WAVES



*Amplifying Our Message
Maximizing Our Potential*

NGVAMERICA

Natural Gas Vehicles for America

Advocating the increasing use of NGVs where they benefit most.
For the economy. For the environment. For health. For security. **For America.**

National NGV Conference – Summit

CIVIC

**Your drivers will thank you.
Your government will thank you.
Your planet will thank you.**

The natural-gas powered Honda Civic GX has earned a lot of appreciative fans. Fleet drivers love the fact that it's, well, a Civic. Which means it's comfortable, roomy and handles well. And they can take comfort in the GX's host of safety features. Including six airbags and a 5-star frontal crash-test rating from the U.S. government.* And, speaking of the government, when you add the Civic GX to your fleet, you may be eligible to enjoy significant savings from available purchase and tax incentives! The GX is friendly to the planet as well, because it's been named the cleanest internal-combustion vehicle



on earth by the EPA.** And since the natural-gas GX uses lower-cost domestic fuel, it's leading the way to energy independence. To learn more, visit civicgx.com, or call 1-888-CC-Honda. The Civic GX. You're welcome.



CIVIC GX

*National Highway Traffic Safety Administration frontal crash test. †Federal and/or state. Check with your tax preparer or accountant.

**Tier II, Bin-2 + ILEV certification as of April 2007. ©2007 American Honda Motor Co., Inc.

MAKING WAVES

Amplifying Our Message Maximizing Our Potential

Welcome

Welcome to NGVAmerica's National NGV Conference-Summit. We have a great story to tell customers, policymakers and clean air/clean transportation advocates and allies. The task now is to garner greater exposure for NGVs in the marketplace. That's why we've themed this year's event "Making Waves: Amplifying our Message - Maximizing Our Potential."

This is the third year that we've formatted our annual event as an executive-style conference-summit where NGV stakeholders discuss trends, challenges and opportunities and formulate strategies to advance our industry in the year ahead. Our program includes updates about markets, technologies and policies, and roundtables designed to encourage debate and, most important, audience participation. We've also included networking time for you to meet one-on-one with your peers to discuss conference sessions, industry issues and mutual business opportunities.

Last, but not least, our program has been co-located with the Solid Waste Association of North America's (SWANA) WasteCon Conference-Expo, which affords us the opportunity to meet with their attendees and helps our members make the most of their travel time and financial resources. We've invited many WasteCon attendees to be our guests at our Sunday evening reception at the National Automotive Museum, a Reno gem that features the famous Harrah's Collection. They've reciprocated, inviting all of us to join them at their welcome reception Monday evening and, beginning Tuesday morning, many of you will be participating in NGVAmerica's NGV Zone on the WasteCon show floor.

Thank you for attending this Conference-Summit. We look forward to your participation.



Sincerely,
Richard Kolodziej
President
NGVAmerica

To Our Sponsors—“Thank You”

Hosting a conference incurs expenses that exceed revenues generated by paying registrants. NGVAmerica thanks our sponsors for their financial support and we ask that you take a moment to express your appreciation as well. Without their support, we would need to charge higher registration fees.



Dress Code, Cell Phones, Timing and Badges

NGVAmerica staff is glad you're here and we're at your service. To make every registrant's experience at the 2007 National NGV Conference-Summit the best it can be, we offer the following helpful hints and reminders about our program, our venue and Reno, Nevada.



■ **Dress Code:** Mid-October weather in Reno can be a bit unpredictable but you should expect clear, sunny skies with daytime temperatures in the low 70°s(F) and crisp cool evenings in the 40°s(F). Conference attendees are welcome to dress “Business Casual” for all events (e.g., no ties, no shorts).

■ **Cell Phones/Pagers:** We understand that life continues elsewhere while you're here in 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 sessions.

■ **“Timing is Everything”:** Throughout our program we've scheduled breaks to allow you to refresh, replenish and network. Enjoy the refreshments and, please, help us stay on schedule by returning to sessions promptly when the period is over.

■ **Badges:** Wearing your badge not only helps us manage conference functions and costs more efficiently, it helps the hotel security staff know that you belong! An NGV Conference-Summit badge is required for all access to sessions, breaks, meals or functions. NGV Conference-Summit Accompanying Guest badges provide access only to the Sunday evening reception at the National Automotive Museum and WasteCon's Monday evening reception at the Atlantis Hotel. NGV Conference-Summit badges do NOT provide access to any other WasteCon functions. Those participating in the WasteCon NGV Zone may pick up their badges from WasteCon's exhibitor registration desk at the Reno-Sparks Convention Center.

Program at a Glance



Sunday, October 14, 2007

- 12:30pm – 4:00pm NGV America Annual Meeting and Board Meeting
(all members invited to attend)
- 4:00pm – 6:00pm CVEF Technology Committee (TC) Meeting
- 6:30pm – 9:00pm Reception with invited WasteCon guests
Sponsored by Clean Energy
(@ National Automobile Museum featuring the famous Harrah's Collection)

Monday, October 15, 2007

- 7:15am – 8:00am Continental Breakfast
Sponsored by Pacific Gas and Electric Company
- 8:00am – 8:25am Convene Summit/Chairman's Welcoming Remarks
- 8:25am – 9:00am Growth of the NGV Market: Lessons Learned, Roadmap for Infrastructure Development
- 9:00am – 9:30am Making Waves: Amplifying Our Message – Maximizing Our Potential
- 9:30am – 10:15am Petroleum Displacement and GHG Reduction in a Carbon-Constrained World: California Energy Commission's (CEC) Alternative Fuel Plan and The Potential for NGVs
- 10:15am – 10:40am Networking Break
Refreshments Sponsored by American Clean Skies Foundation
- 10:40am – 11:10am CEC's NGV RD&D Roadmap: Assessing Needs, Prioritizing Resources
- 11:10am – 12:00pm From Plan to Implementation: Guiding NGV Technology RD&D - Roundtable
- 12:00pm – 1:30pm Lunch
Sponsored by American Honda Motor Company, Inc
Presentation of 2007 National NGV Achievement Awards
- 1:30pm – 2:15pm The Role of Hydrogen and Hybrids in Our NGV Future
- 2:15pm – 3:00pm Building on Success in the Refuse Sector
- 3:00pm – 3:30pm Delivering the Goods: The Emerging Role For NGVs at America's Ports
- 3:30pm – 3:50pm Networking Break
Refreshments Sponsored by American Clean Skies Foundation
- 3:50pm – 4:50pm Industry Leaders Panel Discussion/Audience Q&A
- 4:50pm – 5:00pm Closing Remarks/Adjourn
- 6:30pm – 9:30pm WasteCon Welcome Reception at Atlantis Hotel
(NGV Conference-Summit registrants invited)

Tuesday, October 16, 2007

- 9:30am WasteCon Expo opens at Reno-Sparks Convention Center
(Applies to NGV Zone participants)

National NGV
Conference-
Summit

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October 14–15

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SUNDAY
OCTOBER
14

The transit sector accounts for about two-thirds of U.S. vehicular natural gas consumption. One in five transit buses on order is specified to run on natural gas.



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For the economy. For the environment. For health. For security. **For America.**

Sunday, October 14, 2007

12:30pm – 4:00pm

NGVAmerica Annual Meeting and Board Meeting – Atlantis Ballroom D

Chairman Andrew Littlefair and President Richard Kolodziej invite all NGVAmerica members to attend the short Annual Meeting, at which new Board members will be elected, followed immediately by the Board Meeting, during which staff members will provide updates on NGVAmerica's legislative, regulatory and market outreach activities, and new industry initiatives will be discussed.

4:00pm – 6:00pm

Technology Committee (TC) Meeting – Atlantis Ballroom C

Clean Vehicle Education Foundation (CVEF) Technology Committee (TC) Chairman Mike Eaves and Staff Executive Hank Seiff invite you to join them for this working TC meeting, which



will include detailed reports on recent CNG vehicle and cylinder incidents in Seattle and California, a briefing on CVEF's Natural Gas Vehicle Cylinder Safety Program, an update on International NGV technology issues, a discussion of CARB concerns with LNG tank venting, and an update on NGV codes and standards activities.

6:30pm – 9:00pm

Networking Reception

National Automobile Museum, Sponsored by



Re-connect with your industry peers and network with invited WasteCon guests at a welcoming reception at the National Automobile Museum, featuring the famous Harrah's Collection of vintage, classic and collectible automobiles. Transportation to and from this downtown Reno treasure is provided, departing from the Atlantis' back entrance at 6:15pm and 6:45pm, and returning from the museum at 8:30pm and 9:00pm.



Monday, October 15, 2007

7:15am – 8:00am

Continental Breakfast

Atlantis Ballroom Foyer

Sponsored by



Pacific Gas and Electric Company®

Grab a cup of "Joe" and a light bite to eat while networking with your peers. Please find your seat when asked at 7:50 so we may start promptly!

8:00am – 8:25am

Welcome

Richard Kolodziej, President - NGVAmerica

Mayor Robert Cashell – City of Reno (invited)

Andrew Littlefair, NGVAmerica Chairman; President & CEO – Clean Energy

8:25am – 9:00am

Growth of the NGV Market: Lessons Learned and Roadmap for Infrastructure Development

Stephe Yborra, Director of Market Analysis, Education & Communications – Clean Vehicle Education Foundation

Yborra reviews the key findings of the Roadmap for Development of Natural Gas Vehicle Fueling Infrastructure And Analysis of Vehicular Natural Gas Consumption by Niche Sector, a US DOE-underwritten report CVEF prepared after an exhaustive 18-month document review and survey-interview process. The report, which reviews how technology, public policy, economics and utility and other NGV stakeholder involvement have affected NGV market development over the past 40 years, highlights lessons learned along the way. It also provides one of the most comprehensive summaries of NGV inventory and fuel consumption ever compiled. Most important, it recommends government and NGV stakeholder actions to build a sustainable market.

**MONDAY
OCTOBER
15**

MONDAY OCTOBER 15

Continued

School districts account for only 2.5 percent of vehicular natural gas consumption but these applications are important because of their high visibility.



9:00am – 9:30am

Making Waves: Amplifying Our Message – Maximizing Our Potential

Richard Kolodziej, President – NGV America

Kolodziej's keynote presentation highlights the many factors driving growth in NGV fuel use and urges NGV industry participants to take that positive NGV message to customers, policymakers and potential advocate-allies more aggressively now more than ever, as increased public concern about the costs of reliance on foreign oil spurs interest in alternative fuel transportation technologies and the market is flooded with competing messages.

9:30am – 10:15am

Petroleum Displacement and GHG Reduction in a Carbon-Constrained World: California Energy Commission's Alternative Fuel Plan and The Potential for NGVs

McKinley Addy, Program Manager, Fuels and Transportation Energy Div. – California Energy Commission

Michael Jackson, Senior Director – Transportation Technology – TIAX LLC

California Assembly Bill 1007 directed the CEC to map out potential strategies to reduce petroleum use while complementing the simultaneous goal of reduced greenhouse gasses. Addy and Jackson review the process CEC staff has taken to evaluate the benefits and tradeoffs of various fuels and technologies and their view of the potential for NGVs in the transportation component of the draft plan that staff has presented for the Commissioners' consideration.

10:15am – 10:40am

Networking Break – Atlantis Ballroom Foyer Sponsored by



Discuss the morning's presentations with your colleagues over a fresh cup of coffee, tea or other refreshment. Please help us stay on schedule by returning to your seat in the general session room when the break is over.

10:40am – 11:10am

CEC's NGV RD&D Roadmap: Assessing Needs, Prioritizing Resources

Phil Misemer, PIER Transportation Research Manager, California Energy Commission

Dr. Robert L. Knight, President and Co-Founder – Bevilacqua-Knight, Inc.

To fully realize NGV's full petroleum displacement potential, our industry must develop and commercialize a wide variety of engines and vehicle platforms with the performance and reliability and at the price points that meet market expectations. CEC's Public Interest Energy Research program analysts took a fresh look at previous NGV RDD&D plans, updated assessments of light-, medium- and heavy-duty NGV markets and technologies and identified short- and long-term technology investments they believe will have the most impact for California. The CEC plan provides a strong platform from which to make the case for increased NGV RDD&D funding at the national level.

11:10am – 12:00noon

From Plan to Implementation: Guiding NGV Technology RDD&D

Moderator:

Doug Horne, President – Clean Vehicle Education Foundation

Panelists:

Michael Eaves, President – California NGV Coalition

Tony Lindsay, NGV Program Manager – Gas Technology Institute

Brian Pepper, Sr. Program Manager, Fleet – Pacific Gas and Electric Company

Robert Knight, President and Co-Founder – Bevilacqua-Knight, Inc.

Michael Gallagher, President & COO – Westport Innovations, Inc

Robert Carrick, Western Region GM – Sterling Trucks Division of Freightliner

Richard Turner, Vice President – Baytech Corporation

For nearly twenty years, the NGV industry benefited from the collective guidance of groups like the GRI Project Advisory Group, NGVC/CVEF Technology Committee, Gas Industry RD&D Initiative, DOE/NREL's Next Generation NGV and NGV Technology Forum to allocate federal and state funds to the research, development, demonstration and deployment of NGV technology. As these funds diminished in more recent years, so did the planning and guidance process. With the potential growth of the NGV market and the anticipated increase in federal and state funding, our panel discusses how to restart that guidance effort and what metrics and processes need to be put in place to put plans into action to achieve goals.



LNG imports provide approximately 3 percent of our nation's natural gas supply and new terminals and domestic production facilities are planned to meet the growing demand of heavy-duty NGVs.

12:00pm – 1:30pm

Lunch

Atlantis Steakhouse Restaurant

Sponsored by



Please join us at the one of Reno's finest restaurants for a scrumptious hot lunch, compliments of our sponsor. Following lunch, we ask that you remain seated for the presentation of the...

2007 National NGV Achievement Awards

Richard Kolodziej, President – NGVAmerica

Doug Horne, President – Clean Vehicle Education Foundation

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



Natural gas-powered street sweepers are helping communities across the nation meet their air quality goals while lessening dependence on oil.

1:30pm – 2:15pm

The Role of Hydrogen and Hybrids in Our NGV Future

Richard Parish – Senior Program Manager – WestStart-CALSTART

Tom Sheehan, Director of Marketing – Hythane Company, LLC

George Kalet, Sales Manager – Commercial/Military Vehicles – ISE Corporation

Parish provides an overview of the new and emerging hydrogen and hybrid transportation technologies that will play a greater role in our transportation future and how natural gas fuel, engines and vehicles possibly fit into that future. Sheehan provides an update on his company's field demonstration testing of various hydrogen-methane blends in fleet applications and the "sweet spot" that Hythane provides. Kalet reviews development and testing of natural gas-powered hybrid transit buses in San Diego and the potential for CNG- and LNG-powered hybrids in other medium- and heavy-duty fleet applications.

2:15pm – 3:00pm

Building on Success in the Refuse Sector

Ray Burke, Vice President of Business Development – Clean Energy

Ron Gulmi, NGV Program Manager – KeySpan Energy Delivery

Glenn Pochocki, Vice President of Sales & Marketing – Crane Carrier Company

Bill Wolpin, Editor – Penton Publishing (*Waste Age* and *American City & County*)

The refuse sector currently accounts for just less than 10 percent of total vehicular natural gas but significant growth is projected in the next several years, driven by strong economics, environmental advantages and a strong stable of OEM suppliers that offer factory-built natural gas-powered refuse vehicles. Our panelists share their insights about working with public and private refuse fleet operators to implement NGV programs.



Today's natural gas-powered garbage trucks are cleaner, quieter and cost less to operate than even the newest "clean diesel" garbage trucks.

3:00pm – 3:30pm

Delivering the Goods: The Emerging Role For NGVs at America's Ports

James Cannon, President – Energy Futures, Inc

America's ports are growing at a phenomenal rate - doubling over the last decade and expected to likely double again by 2015, but they're also a major source of pollution. Cannon provides attendees with a glimpse of port operations and the opportunities for natural gas powered yard tractors, local freight transfer vehicles and ship cold-ironing facilities. He'll also brief attendees about the developing San Pedro Bay Ports Clean Air Initiative, which may serve as a model for other ports in California and elsewhere around the nation.

3:30pm – 3:50pm

Networking Break

Atlantis Ballroom Foyer

Sponsored by



Take a few moments to stretch, get refreshment and chat with your fellow conference-summit registrants before settling back in for the final session.

3:50pm – 4:50pm

Industry Leaders Panel Discussion/Audience Q&A

Moderator:

Richard Kolodziej, President – NGV America

Panelists:

Mark Barton, President – Trillium USA, LLC

Dan Gleason, Business Manager – Dynetek Industries

Jill Egbert, Manager Emission Reduction Energy Services, Pacific Gas and Electric Company

Ron Eickelman, President – FAB Industries

Stephen Ellis, Manager of Fuel Cell Marketing, American Honda Motor Co, Inc.

James Harger, Senior Vice President – Clean Energy

Jim Moore, President – Emission Solutions, Inc.

What will be the hot markets for NGVs in 12 months, 5 years, 10 years? How do we get natural gas utilities that previously abandoned their NGV marketing programs to re-engage? Will increased public concern about reliance on oil translate into greater AFV sales and, if so, will NGVs realize their share of market? How do we get better media coverage of NGVs amidst the din of well-funded competing alternative fuel and vehicle campaigns? Will the federal government once again allocate funding for NGV RDD&D and will we be prepared to act on it? These and other questions will be on the table for this lively and fast-paced roundtable and we look forward to taking questions from our audience too.

4:50pm - 5:00pm

Closing Remarks/Adjourn

6:30pm – 9:30pm

WasteCon Welcome Reception – Atlantis Ballroom A-E

All NGV Conference-Summit registrants are invited to attend this event hosted by the Solid Waste Association of North America (SWANA) in cooperation with their evening sponsor Waste Management

Tuesday, October 16, 2007

9:30am – 2:00 pm

WasteCon – Reno-Sparks Convention Center

(across the street from Atlantis Hotel)

Participants in NGV America's NGV Zone

are reminded to meet at the "Zone"

about twenty minutes prior

to show opening.

Introduction of the Phill home refueling appliance has the potential to accelerate development of a mass consumer market.





Clean Energy is the leading 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

**North America's leader
in clean transportation**



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