

AGENDA

8:00 am - 8:30 am Registration Opens

Coffee and pastries served

8:30 am - 8:45 am Introduction and Welcome

- **Erik Neandross**, Chief Executive Officer, Gladstein, Neandross & Associates

8:45 am - 9:00 am State of the State: NGV Activities in Today's Marketplace

Get an update and overview on the current state of the North American NGV market. Hear how NGVs continue to provide significant cost savings and environmental benefits to end-users and how investment in the sector marches forward in spite of the current, and likely temporary, low oil price environment.

- **Matthew Godlewski**, President, NGV America

9:00 am - 9:30 am Overview of Changing Landscape for HD NGVs

The combination of ultra-low NOx heavy-duty natural gas engines and the use of renewable natural gas is a true game changer for the transportation and air quality industries. With low oil prices, an increased focus on corporate sustainability, and a continued need for urban air quality improvement, the timing could not be better for a conversation about the incremental environmental benefit of heavy-duty NGVs. Before diving into a number of detailed issues throughout the rest of the day, gain a high level overview on the important value proposition offered by the NGV industry.

- **Erik Neandross**, Chief Executive Officer, Gladstein, Neandross & Associates

9:30 am - 9:50 am Key Terms and Issues: NAAQS, NOx, and GHGs

To truly understand the full societal and end user benefits offered by heavy-duty NGVs and RNG—and thus sell the value it offers NGV customers and stakeholders—it is important to have a thorough understanding of the key air quality and energy issues that serve as a backdrop to the discussion. The National Ambient Air Quality Standards (NAAQS) just recently updated by the US EPA in October 2015. Understand how these legally-required federal air quality standards must be met in the near term and how HD NGVs can play an important role. Beyond NAAQS and NOx, gain an understanding of how carbon dioxide (CO2), methane, and short-lived climate pollutants (SLCPs) all work together as both short- and long-term greenhouse gases, and how the increased use of HD NGVs and RNG can significantly reduce these emissions. As the public and private sector increasingly focuses on the sustainability of their transportation departments, it is important to have a comprehensive knowledge of these important issues.

- **Cliff Gladstein**, President, Gladstein, Neandross & Associates

9:50 am - 10:50 am HD Transportation Issues: Air Quality, Climate Change, and Petroleum Demand

Heavy-duty trucks are a tremendously important segment of our economy, but also have a significant impact on regional air quality, climate change, and our nation's petroleum demand. This panel of experts will provide a comprehensive overview on the central role heavy-duty trucks play in these societal challenges and thus an important perspective about the need to rapidly transform our heavy-duty trucking sector towards near-zero-emission and low-carbon fuel and technology "pathways."

- **Cliff Gladstein**, President, Gladstein, Neandross & Associates (moderator)
- **Francisco J. Dóñez**, US Environmental Protection Agency, Region 9
- **Jim McKinney**, Emerging Fuels and Technologies Office, Program Manager, California Energy Commission
- **Matt Miyasato**, Deputy Executive Officer for Science & Technology, SCAQMD

10:50 am - 11:10 am Coffee Break

11:10 am - 11:30 am Timelines for Action: Challenges and Opportunities

There are a myriad of local, state, and federal initiatives that are driving America's heavy-duty on-road transportation sector towards cleaner fuels and advanced prime mover technologies. Many of these initiatives overlap, and in some cases they present trade-offs that must be carefully understood and managed. This session will provide a basic overview of the major challenges and pressing overlapping timelines of achieving the many objectives related to cleaner heavy-duty transportation and fuels.

- **Nicole Dolney**, Chief, Transportation Planning Branch, California Air Resources Board

11:30 am - 12:00 pm Leading Approaches for Addressing Issues in HD Transportation

Gain a comprehensive overview on key advanced clean transportation technologies and fuels that may also play a role in helping to transform America's heavy-duty transportation sector. Summary information will be provided on the top fuel-technology pathways that hold promise for addressing NAAQS, climate change, and petroleum reduction, including advanced diesel using renewable diesel, battery electric, plug in hybrid, hydrogen fuel cell, and of course, advanced heavy-duty natural gas engines using RNG.

- **Patrick Couch**, Vice President, Technical Services, Gladstein, Neandross & Associates

12:00 pm - 12:30 pm Lunch

Buffet style lunch

12:30 pm - 12:45 pm Game Changing Engine Technology: Ultra-Low NOx Engine Development

Get an update from Cummins Westport on their game-changing ultra-low NOx engine technology development program. With the ISL NZ now certified by CARB and US EPA, Cummins Westport is working to bring other near-zero-emission technology to the market in the coming one to two years.

LUNCH PRESENTATION

- **Rob Neitzke**, President, Cummins Westport

12:45 pm - 1:00 pm Game Changing Low Carbon Fuels: Renewable Natural Gas

Learn how renewable natural gas (RNG) can offer the lowest carbon footprint of any transportation fuel in the market today. Hear how more than 50 percent of the NGV transportation fuel being consumed today in California is renewable natural gas and how other RNG projects are taking place around the country.

LUNCH PRESENTATION

- **Harrison Clay**, Clean Energy Renewable Fuels

1:00 pm - 1:15 pm Break

1:15 pm - 2:00 pm The Compelling Value Proposition of Ultra-Low NOx HD NG Engines and RNG

This presentation will highlight the multiple important benefits offered by ultra-low NOx heavy-duty natural gas engines and renewable natural gas. Set against the background of the previous presentations, this discussion will describe and quantify the societal and end-user benefits that advanced medium- and heavy-heavy-duty engines and fuel can deliver when deployed throughout the HDV sector. Specific examples will be provided about the compelling air quality, climate change, and petroleum displacement benefits, and how they can immediately begin helping to transform America's heavy-duty transportation sector. An overview of barriers and challenges will also be provided. The presentation will take a national perspective, while noting the clear importance that California continues to play in driving both opportunities and challenges.

- **Jon Leonard**, Senior Vice President, Gladstein, Neandross & Associates

2:00 pm - 3:15 pm Driving HD NGV Sales with Game Changing Technologies and Fuels

Translating tremendous opportunity into tangible sales will be the key consideration as the NGV industry moves forward in 2016 and beyond. This panel discussion will explore the key challenges facing the NGV market and how the industry can capitalize on the significant opportunities presented by ultra-low NOx engines and renewable natural gas.

MODERATED ROUNDTABLE DISCUSSION:

- **Matthew Godlewski**, President, NGV America (Moderator)
- **Chad Lindholm**, Vice President of Sales, Heavy Duty Trucking, Clean Energy Fuels
- **Tim Carmichael**, Agency Relations Manager, Energy & Environmental Affairs, Southern California Gas Company
- **Matthew Krasney**, Director, Fuel Strategy, Penske
- **Marty Tufte**, Corporate Fleet Director, Waste Management
- **Hugh Donnell**, Cummins Westport

3:15 pm - 3:30 pm Coffee Break

3:30 pm - 4:00 pm Incentives and Policies to Drive NGV Sales

Grants, incentives, tax credits, and other financial programs and policies have played an important role in the development of the NGV industry to date. Get the latest information on key incentive programs available in the US market today. Hear about leading state-level programs and get an update on federal programs and policies recently adopted that will provide significant financial benefit to NGV end-users. The federal fuel tax credit will be discussed, as will be an update on the federal weight exemption for heavy-duty NGVs. Hear from the Sacramento Municipal Utility District (SMUD), SoCalGas, and Clean Energy about their future plans to purchase renewable natural gas. These potential buyers of RNG will talk about possible future volumes, gas quality specifications, delivery issues, and possible contract requirements. Short presentations will be followed by an audience Q&A session.

- **Joe Annotti**, Senior Associate, Gladstein, Neandross & Associates
- **Matthew Godlewski**, President, NGV America

4:00 pm - 4:30 pm Recommendations and Next Steps

After a full day of discussion, this final panel will help answer the big question of the day: now what? Learn how the key messages about the NGV industry's game changing technology and fuel will be carried forward throughout the nation—to key states, and at the federal level—to drive focus, attention, and investment in the NGV sector. Hear about key NGV industry policy actions, goals, and objectives for 2016 and how you can participate to help drive the market going forward.

- **Matthew Godlewski**, President, NGV America
- **Sherrie Merrow**, Chair, State Advocacy Committee, NGV America
- **Todd Campbell**, Chair, California NGV Coalition and Chair, California NGV Partnership

4:30 pm - 5:00 pm Wrap-Up: Concluding Remarks and Open Discussion

- **Erik Neandross**, CEO; Gladstein, Neandross & Associates
- **Matthew Godlewski**, President; NGV America

5:00 pm - 6:00 pm Reception