

July 14, 2014

California Energy Commission
Attn: Jim McKinney
Dockets Office, MS-4
1516 Ninth Street
Sacramento, CA 95814-5512

California Energy Commission

DOCKETED

14-IEP-1B

TN 73384

JUL 15 2014

RE: Workshop on Electric and Natural Gas Vehicles in California, Docket No. 14-IEP-1B

Dear California Energy Commission:

Gladstein, Neandross & Associates (GNA) is submitting comments in response to the recent California Energy Commission (CEC) workshop held on June 23, 2014: *Electric and Natural Gas Vehicles in California*.

GNA strongly supports the CEC's efforts to develop policies and programs that encourage the advancement of alternative and renewable fuel vehicles. A key service which we provide our clients is analysis of the feasibility, cost effectiveness and environment benefits provided by commercially available or emerging clean transportation technologies. From our research and work in this area, it is clear that natural gas-fueled vehicles, particularly in the heavy-duty and high horsepower sectors, holds a great deal of promise for early replacement of diesel vehicles and the achievement of significant reductions in NOx, PM, and GHG emissions.

GNA organizes the Alternative Clean Transportation Expo (ACT Expo), an annual conference on the commercial availability of alternative fuel and electric vehicle technologies. ACT Expo is North America's largest clean fleet exposition - over 4,400 guests attended the most recent event in May 2014. ACT Expo hosted many breakout sessions on alternative fuel engines, equipment and infrastructure developments, and featured case studies from the nation's leading public and private fleet operators. Attached to this letter are 43 presentations on natural gas from ACT Expo 2014 that discuss the benefits, technology developments, fuel supply, policy, and case studies for natural gas vehicles. The presentations are organized by breakout session topic in the following attachments.

Clearly, there is a strong interest in the latest natural gas vehicle and engine developments as evidenced by depth and breadth of the discussions at ACT Expo. GNA strongly encourages California policy makers to continue funding research, development, and demonstration of natural gas engine technologies and support programs to incentivize the proliferation of near-zero-emission vehicles. Supportive policies can drastically help accelerate development and deployment timelines, and bring the tremendous air quality, climate protection and energy security benefits to California sooner.

Sincerely,



Cliff Gladstein
President, Gladstein, Neandross and Associates

Enclosed: Attachment 1 and ACT Expo 2014 Natural Gas Presentations

CC: Mr. Jim McKinney, Lead Technical Staff
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ATTACHMENT 1 – List of Presentations by Session Topic

- **Light-Duty & Medium-Duty Natural Gas Retrofits**
 1. Mark Aubry, Vice President of Sales and Marketing, Westport
 2. Barry Carr, Director of Business Development, Landi-Renzo USA
 3. Keith Fields, Business Development Manager, IMPCO Automotive
 4. Will Gutilla, Sales Manager, Business Development, A-1 Alternative Fuel System
- **Heavy-Duty Natural Gas Trucks: A Reality Check**
 5. Andy Douglas, National Sales Manager, Kenworth Truck Company
 6. Charles Cook, Marketing Manager - Vocation Products, Peterbilt Motors
- **NGVs – Keeping Pace with Fuel Efficiency Improvements**
 7. Gordon Excel, President, Cummins Westport
 8. Mike Roeth, Executive Director, North American Council on Freight Efficiency
 9. Paul Schwark, Engineering Manager, Robert Bosch
 10. Jim Arthurs, Executive Vice President, Heavy Duty Engine Systems, Westport
- **Heavy-Duty Natural Gas Retrofits**
 11. Kevin Campbell, Business Development Director, Clean Air Power
 12. Lyle Jensen, Chief Executive Officer and President, American Power Group
 13. Werner Funk, Chief Executive Officer, Omnitek Engineering
 14. Barry Carr, Director of Business Development, Landi Renzo USA
- **OEM Strategies for Heavy-Duty & Light-Duty NGVs**
 15. Dick Kauling, Engineering Group Manager, Gaseous Fuel Systems, General Motors
 16. T.J. Reed, Director of Product Strategy, Daimler Trucks North America/Freightliner Trucks
 17. Reinhard Otten, Environmental Product Manager, Audi AG
 18. Frank Bio, Director of Sales Development, Specialty Vehicles & Alternate Fuels, Volvo Trucks
 19. Prashant Banerjee, Head, Product Evaluation & Homologation, Engineering Research Centre, Tata Motors
- **Renewable Natural Gas for Low Carbon Operations**
 20. Doug Middleton, Chief Operating Officer, Pierce Transit
 21. Andrea Stephenson, General Manager, Atlas ReFuel
 22. Lorenzo Maggioni, Head of Research & Development, Italian BioGas Consortium
 23. Paul Relis, Senior Vice President, CR&R Environmental Services
- **NGV Policy Initiatives**

- 24. Henry Hogo, Assistant Deputy Executive Officer, South Coast Air Quality Management District
- 25. Jack Kitowski, Assistant Chief, Stationary Source Division, California Air Resources Board
- 26. Hirase Yusuke, General Manager of Natural Gas Vehicle Department, The Japan Gas Association
- 27. Eduardo Pizano, President, Naturgas (Colombian Natural Gas Association)
- Heavy-Duty On-Road Vehicles – LNG and CNG for the Long Haul
 - 28. Jeff Shefchik, President, Paper Transport
 - 29. Ashley White, Logistics Sustainability Manager, The Kroger Company
 - 30. Mike DelBovo, President, Saddle Creek Transportation
 - 31. Mark Davis, President, Jack B. Kelley (a Kenan Advantage Group company)
- Natural Gas Infrastructure and Fuel Supply Issues
 - 32. William Zobel, Vice President of Market Development & Strategy, Trillium CNG
 - 33. Enid Joffe, Senior Vice President, Galileo Group
 - 34. Harrison Clay, President, Clean Energy Renewable Fuels
 - 35. Reinhard Otten, Environmental Product Manager, Audi AG
- Natural Gas for Food & Beverage Distribution
 - 36. Bob Kidder, Director of Fleet, Facility and Maintenance, Sysco Food Services
 - 37. Bill Osteen, Senior Vice President of Business Operations, Golden Eagle Distributors
 - 38. Billy Lawder, Director of Transportation Engineering, Anheuser-Busch
 - 39. Mike Ahart, Vice President, Transportation, Dean Foods
- NGV Industry Leaders
 - 40. Eric Woods, Vice President of Fleet Supply Chain, Waste Management
 - 41. Phil Crofts, Marketing Director, Dillon Transport
 - 42. Bill Cashmareck, General Manager, Natural Gas, Love's Travel Stops
 - 43. John Drayton, Manager, Vehicle Technology, Los Angeles County Metropolitan Transportation Authority