Speaker Biographies

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Mike Abrams is the Director of Fleet Services for Ferrellgas, the second largest propane retailer in the United States and third largest in the world. In his current role, Mike develops and implements corporate fleet strategy for the 54th largest fleet in the United States, which is comprised of more than 3,800 vehicles ranging from standard service pickups to specialized hazardous material-hauling vehicles. Mike joined Ferrellgas in 1997 as an Operations Manager in Northern Illinois, and served the company in a similar role in North Carolina and Virginia beginning in 2000. After serving a year in Operation Iraqi Freedom as a Major in the U.S. Army Chemical Corps, Mike moved to Ferrellgas' transport arm, Ferrell North America, as a Fleet Safety Representative in 2005, specializing on transport fleet maintenance and repair management, driver hiring and training, and DOT regulatory and safety compliance. Recently recommended for promotion to Lieutenant Colonel in the US Army Reserves, Mike is also a member of the National Association of Fleet Managers. He and Arlene, his wife of 10 years, live in Kansas City with their son, Jacob. In what little spare time he has, Mike enjoys model railroading, scuba diving and archery.

Joe Andersen has more than 35 years of experience in the energy and transportation industry. In 2008, he joined AmeriGas as their Fleet Director. In this position, Joe has spearheaded the projects to purchase AmeriGas's first Diesel electric M2 Hybrid truck to be placed in Hazmat service as a propane delivery truck. He has extensively worked with the builders on safety consideration and crash protection. In addition, Joe and his team are exploring other alternative energy vehicles including propane mono fuel and duel fuel gasoline/propane vehicles, propane assisted diesel vehicles and future technologies like diesel duel fuel vehicles. Joe is also a proponent of combining various technologies to obtain the maximum benefits for both the environment as well as the shareholders of his company and is a member of AmeriGas's Green Team. AmeriGas is currently testing technologies like tire inflation systems, auxiliary powered PTO's, Idle shut down, super singles and driver training programs. Prior to joining AmeriGas, Joe was the Regional Vice President for the largest bulk transportation company in U. S. from 2002 to 2008 and the Regional Facility and Distributions Manager for major petroleum company from 1974 to 2002. Joe received his B.S. from Villanova University and his MBA from LaSalle University.

Beth K. Baird has been coordinator of the Treasure Valley Clean Cities Coalition since the Coalition's U.S. Department of Energy designation in 2006. She has been employed by the City of Boise Public Works Department for over 14 years. Over that time she has developed the air quality program for the City of Boise and has added responsibilities related to Boise's Climate Protection Program as well as the management of the Treasure Valley Clean Cities Coalition. Prior to employment with the City of Boise Beth held a variety of positions related to air quality management. Beth worked on air pollution issues for the States of Colorado and Idaho and has worked on air quality projects as an independent contractor and with an environmental engineering firm. Beth obtained a Bachelor of Science degree in biology from Indiana University of Pennsylvania and a graduate degree in environment management from the Duke University School of Forestry and Environmental Studies.

Michael J. Beckman graduated from West Point with a degree in mechanical engineering, and then headed to Germany to serve as a Platoon Leader with the 18th Engineer Brigade in Karlsruhe, Germany. He served 5 years in the US Army, leading a Combat Heavy Engineer Company as the Executive Officer during Desert Storm, earning the Bronze Star for leadership. Mike graduated from the University of Michigan Business School with a Masters in Business Administration, and joined BOC Gases where he held positions in field engineering, sales, business planning, and product management before leading the western region as the VP of the Industrial and Special Products. After Linde purchased BOC, Mike joined Linde as the VP of the West Market, and has recently assumed leadership for the newly formed Alternative Energy Team for Linde's North American Region.

Brent J. Bell has helped develop and maintain one of the largest transportation businesses in Nevada. As president and chief executive officer of the Las Vegas-based, family-owned business Whittlesea Bell Transportation, Bell oversees a number of premier transportation companies, including Bell Trans, which comprises limousines, sedans and buses and is the largest single-city limousine company in the nation, Whittlesea Blue Cab, Henderson Taxi and Presidential Limousine. Bell has a longstanding career with Whittlesea Bell, beginning in 1984 when he served as a serviceman and tow truck driver. Through the years, he was promoted to operations manager and maintenance director for the company. He then became chief operating officer, a testament to his hard work and dedication to the Whittlesea Bell team. Now leading the Whittlesea Bell organization, Bell is the key corporate and marketing representative for the company and is responsible for the overall management of each organization under the Whittlesea Bell corporate umbrella and its 1,700 employees. An alumnus of the University of Nevada, Las Vegas, Bell earned a Bachelor of Science in Business Administration in 1991. He continues to remain active with his college as a member of the UNLV College of Business advisory board and is past president of the UNLV College of Business Alumni Association. In 2005, Bell received the Outstanding Alumnus Award from the UNLV College of Business. Currently, he serves as a board of trustee member for Crime Stoppers of Nevada and on the Opportunity Village Foundation Board. In addition, Bell also serves as president of Bell United Insurance Company. When away from work, he enjoys spending time with his family, and his special interests include golfing, skiing, boating and volunteering as a youth basketball coach.

Michael Birk, Region Fleet Manager for Frito-Lay North America (FLNA), oversees one of the largest privately owned fleets within Frito-Lay. In this role, Mike is responsible for the development and execution of his region's sustainability strategy for fleet. This encompasses upgrading existing assets, as well as the identification and integration of innovative "green" technologies and vehicles. The ultimate goal for the company is to become the "most fuel efficient fleet in the U.S." Under Mike's guidance, the region has been implementing initiatives such as route and asset optimization, GPS, operator training, aerodynamics and developing partnerships with organizations like Clean Fuels Ohio and its Green Fleets Program. Mike started with FLNA in 2006 at its Southgate, Michigan facility. In his four years with the company, he has worked in service and distribution on fleet operations. Mike has over 10 years of experience in fleet operations. He received his B.S.B.A from Western New England College in Springfield, Massachusetts.

Sebastian Blanco has been editing and writing for AutoblogGreen, a site that obsessively covers all environmentally-friendly (or egregiously unfriendly) car news, since its inception in April 2006. He has 15 years of experience as a freelance writer and editor, and has appeared on the BBC, NPR and many other news outlets discussing clean automotive technologies.

Gary Bleazard is the Director of Customer Development for CR England, Inc., a Salt Lake City-based global transportation provider. Since 2000, Mr. Bleazard has been an integral player in shaping C.R. England's Dedicated division- a premier service line for the company, and a benchmark for dedicated service providers in the industry. Utilizing his experience in finance, operations, engineering, and sales, Mr. Bleazard now heads a team tasked with executing a unique continuous improvement process with key national accounts. Mr. Bleazard received his B.S. in communications and business management from Brigham Young University.

Linda Bluestein is currently the Co-Director of DOE Clean Cities and has been since May 2008. She was the Regulatory Manager for Alternative Fuel Transportation Program fleet requirements at the U.S. Department of Energy from 2001-2008. She also has worked with the national energy laboratories to evaluate fuels on the basis of their environmental and energy benefits for inclusion under the Alternative Fuel Vehicle Transportation Program. In addition, Linda worked closely with

the Program Manager for the Vehicle Technologies Program and the Office of the Assistant Secretary on suggesting legislative changes to the fuels and vehicles sections of various comprehensive energy bills. Before government service, Linda ran her own government consulting business and worked as an editor for various energy publications. She has a B.S. degree in agricultural economics and communications from the University of Illinois and has completed certifications in Regulatory Management and Legislative Studies. She has published more than 100 articles on energy and vehicle related issues and has given speeches at more than 50 energy-related events.

Timothy R. Boyle has 34 years of experience in compression and the alternative fuels industries. As the Manager of Business Development at ANGI, he is primarily responsible for the business development of compression equipment. Additional responsibilities include development and implementation of a CNG/LNG business plan; specification review; project estimating; proposal creation; conceptual and product design; equipment selection; project management; turnkey management and primary customer contact. Mr. Boyle graduated from Cleveland State University and entered the alternative fuel industry. He has developed CNG technology working from 1976 until 1997 as President of B&M Compressor. He has designed and built CNG fueling stations in the Midwest and Mexico and worked as a manufacturer representative and consultant for CP Industries, Xebec, Ultra Filter and Grimmer Industries, mainly in the China, Mexico and USA markets. Mr. Boyle joined the ANGI International team in 1999 as Sales Manager, joining Hanover/Exterran in January of 2006, and rejoining ANGI Energy Systems in 2009.

Rob Brayfield was appointed President of VCA North America - the US office of the Vehicle Certification Agency, an executive agency of the United Kingdom Department for Transport – in 1998. VCA is the United Kingdom’s European and United Nations Economic Council for Europe designated Approval Authority and Technical Service. The agency is responsible for the safety and environmental approval of new vehicles and their systems and components in accordance with harmonized international technical regulations. Rob has an extensive background in automotive and other related technical regulations stretching back to 1981 when he joined the RWTUeV e.V. and passed the written examinations and practical tests to become an "officially recognized expert for vehicle traffic" in the Federal Republic of Germany - possibly a unique achievement for a British citizen. He spent ten years with this organization, helping UK exporters to Germany by approving motor vehicles, pressure vessels and other technical products in accordance German national requirements. Rob holds a master’s degree in automotive engineering from the Cranfield Institute of Technology, UK. He currently serves as a Director of the Michigan Chapter of the British American Business Council.

Dave Bryant is the Manager of Vocational Sales at Freightliner Trucks specializing in hybrid and alternative fuel vehicles. He has worked with Freightliner, both as an employee and supplier representative, for the past eleven years. He began his career in the commercial vehicle industry in 1989 as a Test Engineer, and has held various roles in powertrain and body engineering. Dave earned a Bachelor of Science in Mechanical Engineering from the University of Washington. In his spare time, he enjoys distance running, mountain biking, motorcycling, and outdoor activities.

Andrew Burnham is a Fuel and Vehicle Systems Analyst at Argonne National Laboratory. At Argonne, he has been assisting with the update of the Greenhouse Gases, Regulated Emissions, and Energy Use in Transportation (GREET) model with a focus on developing the GREET 2 vehicle cycle, which examines vehicle material energy use and emissions from “cradle-to-grave”. In addition, he has helped develop tools and provide technical analysis with regards to the energy use and emissions of alternative fuel vehicles for the Department of Energy’s Clean Cities program. He received his bachelor’s degree in environmental engineering from Northwestern University in 2002

and his master's degree in transportation technology and policy from the University of California, Davis in 2004.

Bill Burns has over 25 years of fleet management experience and has been the Fleet Operations Manager for the City of Columbus for the past 5 years. In this role, Bill is responsible for overseeing operations for the City's fleet of over 6,200 vehicles and equipment as well as 120 fleet employees. The City of Columbus was once again awarded ASE Blue Seal, making it the only municipality in Ohio to receive such recognition. Bill is also responsible for pushing forward many of the City's green initiatives, including implementing the city's first anti-idling policy and the development and implementation of the City's first green fleet policy which includes the utilization of Biodiesel, E85, Hybrids and CNG. Bill was most recently recognized for his construction management skills as project manager for the City's new state-of-the-art, $27 million fleet facility that encompasses many "Green Energy" concepts including energy efficient lighting and computerized ventilation controls among many energy saving items.

Recent accomplishments:

- 2008 recipient of Mayor's Award of Excellence for Outstanding Job Performance for construction management of the new fleet facility
- Helped reduced overtime by over 50% from two years ago
- Assisted in implementing 24/7 operations at new fleet facility
- Instituted tracking system to monitor Fleet Management Division's recycling efforts
- Implemented the use of biodiesel at seven City of Columbus fueling sites to date
- Drafted the City's first anti-idling vehicle policy, which was implemented in 2005
- In 2010, was awarded The Get Green Columbus Award by the Mayor for leading the city's green efforts in obtaining two major grants that are enabling the city to construct the first CNG station for the city and purchase 21 CNG powered trucks
- In 2010, was awarded a Savings Award by the Mayor for implementing the city's first on-line auction of city assets which increased the revenue over $522,000 in its first year

Eric Cahill, Senior Director, joins the Progressive Automotive X PRIZE Foundation with over 15 years of experience directing complex, technology-intense enterprises in a broad range of industries. He has dedicated his career to the commercialization of cleaner alternatives in the automotive and energy sectors. At GM Powertrain, Eric assessed the market for alternative fuels and advanced vehicle technologies. Later, as Program Manager of a government-funded hybrid electric vehicle program, Eric led the team responsible for developing the electric drive train technology for the forthcoming Fisker Karma luxury plug-in hybrid sports car. Prior to joining the X PRIZE Foundation, Eric served as COO and founding member of internet start-up company AbouTime, Inc. Eric is a veteran of the U.S. Navy Civil Engineer Corps and Intelligence communities and a former project manager at Boeing. Eric earned a joint M.S. degree in Engineering & Management at the MIT Sloan School of Management and a M.S. in Technology & Policy from MIT's Engineering Systems Division. He holds a B.S. in aerospace engineering from the University of Southern California, a master's certificate in applied project management from Villanova University, and is a registered Project Management Professional (PMP) with the Project Management Institute. He resides in Huntington Beach, California.

Richard Canny is Chief Executive Officer for THINK North America and THINK Global. An auto industry veteran with more than 25 years of experience, Canny has held various key international leadership positions in every aspect of auto manufacturing. His experience includes positions with

the Ford Motor Company as President, Ford South America and Director of Global Strategic Planning for Ford globally. Canny began his career with Ford in the manufacturing operation of Ford Australia in Melbourne. He quickly rose through the ranks, which led to key marketing assignments at Ford World Headquarters in Michigan, where he developed Ford's global growth plans, including market entry plans for China and India. He was promoted to Managing Director of Ford Malaysia, a joint venture with the Asian trading company Sime Darby. During the regional economic crisis of 2001 and 2002, Canny was President of Ford Argentina and went on to become President of Ford South America, a multi-billion dollar revenue business with more than 10,000 employees and seven manufacturing facilities in three countries. In that position he managed the company through a period of great economic volatility and oversaw a turnaround from $300m per year in losses to achieving profitability. Prior to leaving Ford, Canny was Director of Strategic Planning for Ford's Global operations. In that role, he oversaw numerous restructuring actions. Canny holds an M.B.A. from the Royal Melbourne Institute of Technology.

Tim Carmichael is the President of the California Natural Gas Vehicle Coalition. The Coalition is an association of natural gas vehicle and engine manufacturers, utilities, fuel providers and fleet operators serving the state. The Coalition works with legislators and regulators to develop policies that will increase alternative fuel and vehicle use, support new initiatives and provide up-to-date information on NGV technology and market developments. Tim previously worked with the Coalition for Clean Air, one of California's leading environmental advocacy organizations. Over 14 years, he served as Executive Director and Policy Director and led efforts to reduce pollution from ports and freight transportation, increase the use of advanced transportation technologies, reduce the use of toxic chemicals and include community health protections in California's strategy for addressing climate change. Prior to joining the Natural Gas Vehicle Coalition Tim also worked briefly with Conscious Ventures Group, an environmental consulting group working on renewable energy policy issues. Tim attended UCLA, where he received bachelor's degrees in economics and history. He lives in Sacramento with his wife and two kids.

Barry Carr assumed the leadership of the U.S. Department of Energy's Clean Cities Coalition, "Clean Communities of CNY" (www.cc-cny.com) in 2008. CC/CNY was recently successful in obtaining over 5 million dollars in recovery act support for our members. The first project kicked-off on April 14th of this year. Barry Carr also serves as president of ZEV Technologies, Inc. and has been providing support to the alternative-fuel vehicle industry since 1988. Mr. Carr has provided prototyping, engineering support, project management, marketing, sales and field testing services for several alternative fueled vehicle and infrastructure manufacturers. Mr. Carr is a graduate of Clarkson University's Mechanical/Industrial Engineering Program, and lives in upstate New York.

Chris Cassidy is the National Business Renewable Energy Advisor for USDA National Office in Washington D.C. He formerly served as the Regional Renewable Energy Coordinator for Western and Pacific Region, the Director of Business and Cooperative Programs for USDA Rural Development, and was the USDA Renewable Energy Coordinator for Washington State. He served on the task forces that designed, implemented, and provided technical reviews for the Renewable Energy Sections of the 2002 and 2008 Farm Bills. Cassidy has been actively engaged in business, agriculture, technology, and renewable energy development activities for three decades. He has served the United States Government, the United Nations, the Cooperative Bank, and the World Bank in technical management capacities in Africa, Asia, Europe, and South America. He has served the indigenous people of the Native American community in economic and agriculture development and remains active in community development activities. Cassidy completed his studies, undergraduate, and graduate degrees in business, international development, and agriculture in Louisiana, Europe, and California.

Tim Chambers is a Co-founder of Dewey Digital, a national leader in helping clients develop, enhance and expand the online, wireless and digital reach of their companies. He has served as Senior Vice President (SVP) of Advanced Media for Sony USA. Prior to that, Chambers was SVP for Technology and Production for Sony Pictures.

Ernest S. Chaput (Ernie) has enjoyed a forty-year career in planning and managing technology-based research, development and production. Thirty-four years (1962 to 1996) were spent with the U.S. Department of Energy and its predecessors. Since 1997, Mr. Chaput has worked with the Economic Development Partnership in Aiken County. Principle areas of responsibility are supporting new missions for SRS and facilitating technology transfer from SRS into the regional private sector. He is currently supporting both nuclear and hydrogen public and private sector initiatives. Mr. Chaput holds a BS in business and an MA in economics. He also completed a one-year post graduate fellowship in Industrial Engineering. Mr. Chaput has recent relevant experience in planning and directing all aspects of community-based technology initiatives, including:

- Medical Isotopes (1998 to 2000) – Planned and managed a private sector technical evaluation and preparation of a business plan for the production of medical isotopes
- Private Sector Energy Park on Savannah River Site (2002 to present) – A novel concept for leveraging federal government activities for private sector jobs and investment
- Center for Hydrogen Research Laboratory (2003 to 2006) – A key participant in developing the concept of a $10 Million hydrogen laboratory to facilitate technology transfer from the Savannah River National Laboratory into the private sector. Managed design, construction management and facility utilization.
- NuStart (2005) – Managed the community response for a proposal to locate a commercial nuclear power plant in an energy park on the Savannah River Site
- Education, Training and Development Laboratory (2008) – Conceptual design and construction management of a $1.7 Million addition in the Center for Hydrogen Research. Included installation of a regenerative fuel cell backup power system and novel features for education displays and distance learning.
- Sage Mill Hydrogen Fueling Station (2009) – Conceptual design and construction management of South Carolina's first commercial vehicle hydrogen fueling station. Station included educational component.
- Aiken Solar Garden (2009) – Conceptual design and construction management of a $500,000 addition to the Center for Hydrogen Research for installation of 20,000 watts of solar photovoltaic panels and very specialized power electronics. Solar power is integrated with regenerative fuel cell system and electric grid. Includes educational displays.

Stephen Crolius is currently the Senior Director responsible for the Clinton Climate Initiative's Transportation Technologies Program. Stephen and the Program team are working with city administrations to chart a course away from fossil-based transportation fuels to a mix of alternatives whose greenhouse gas footprint can ultimately be driven to negligibility. Stephen spent 21 years as a business strategy consultant before joining the Clinton Climate Initiative in October 2006. He started his career at the strategy boutique Telesis. In addition to assignments for corporate clients based in the U.S., Mexico, Europe and Japan, Stephen helped launch a practice in Sustainable Development Strategy that drew on the firm's expertise in both business strategy and economic development policy. Stephen became a Partner in Towers Perrin after that firm acquired Telesis, and went on to senior roles at The Boston Consulting Group and the strategy boutiques SJS, Inc. and Alliance Consulting Group. His consulting work was concentrated in the manufacturing, business services, and energy sectors, and included assignments for clients of every size from start-up to Fortune 100. Stephen holds an M.B.A. from the University of Rhode Island and a B.S. in biology from Stanford University.

Tony Dale is the National Director of Engine Fuel and AutoGas for Ferrellgas. Ferrellgas is a leading nationwide supplier of propane (Fortune 824). In this capacity Tony assists public and private fleets with converting their vehicles to propane. Tony has been with Ferrellgas for over 13 years in various field and corporate roles. Today he advises fleets on automotive options, environmental benefits, economic justifications, fueling infrastructure and fuel contracts. He serves on several industry boards to include the Propane Education and Research Council's Engine Fuel Advisory Committee and the Governmental Affairs Committee of the National Propane Gas Association. He is Chairman of the Propane Council of Texas; Chairman of the Texas Propane Gas Association's Legislative Affairs Committee and is a member of the Texas Railroad Commission's Alternative Fuels Research and Development Advisory Committee. Prior to joining Ferrellgas, Tony was a Captain in the U.S. Army. He has a B.A. from the Ohio State University. Tony is also a member of the Cedar Park, Texas City Council.

Rita D. Ebert is the key staff member of the Greater Long Island Clean Cities Coalition since 2007, where she has been the Program Coordinator. She administers all contractual and reporting duties for approximately $10 million dollars in federal Congestion Mitigation Air Quality (CMAQ) funding and close to $15 million dollars in funding from DOE's Clean Cities American Recovery Reinvestment Act. As Coordinator of one of the nation's largest Coalitions, she represents the interests of over 400 regional stakeholders in the promotion and advancement of alternative fuel technologies and programs. Rita is recognized for her leadership and contribution to the business of clean fuels and the benefits they bring. Recently, she has been appointed to national boards where she contributes her experience and regional ideas for our nation's future energy policies. These include the Boards of the National Clean Cities Coordinators Council and the National Transportation Energy Partnership. In 2009 Rita was the Northeast Region Nominee for Coordinator of the Year for Clean Cities. Rita was recognized for outstanding leadership, creative thinking and accomplishments in achieving greater use of alternative fuels, other clean vehicle technologies and petroleum reduction practices. In her spare time, Rita actively participates in the community, where she lives and she serves on the local church council and does what she enjoys most – teaching and working with neighborhood kids. Some of Rita's favorite volunteer work is preparing dinner for the families at the Long Island Regional Ronald McDonald House and participating in activities at the Seafarers International House in Manhattan. Rita has a degree in Office Technology, including Medical Terminology. Before joining The Greater Long Island Clean Cities Coalition, Rita was Executive Assistant to the CEO of Queens Long Island Medical Group (QLIMG).

Steve Eckhardt has been with BOC/Linde since 1991 in a number of commercial roles, including marketing, sales and product management. He led Linde's LNG and biogas efforts in North America and supported LNG and biogas business development internationally, including Australia and Scandinavia. He was instrumental in developing a joint venture with Waste Management to develop landfill gas to LNG plants, and his team led the technology and project execution aspects of the world largest landfill gas to LNG plant which is now operating in Altamont, California. He led the development of Linde North America's alternative energy plans which include hydrogen, LNG and biogas and currently leads the business development efforts for Linde's Alternative Energy team on the west coast. Mr. Eckhardt has a B.S. in Engineering from Michigan State University and an M.B.A. from The University of Michigan.

Anthony Eggert was appointed by Governor Arnold Schwarzenegger in January 2010 and fills the Environmentalist position on the five-member Commission. Four of the five members, by law, are required to have professional training in specific areas - engineering or physical science, environmental protection, economics and law. Before his appointment to the Energy Commission, Commissioner Eggert served for two years as Science and Technology Policy Advisor to Mary Nichols, Chair of the California Air Resources Board where he worked on implementing energy and

environmental policy including the Global Warming Solutions Act (AB 32). In 2007 he was advisor on energy and climate policy to the Office of Federal Governmental Relations for the University of California and the California Governor's office in Washington DC. From 2002 to 2006, Commissioner Eggert was associate research director at the University of California, Davis Institute of Transportation Studies where he managed a $1 million research program investigating the technical, environmental, business, and policy issues associated with a transition to low-carbon fuels and vehicles. Commissioner Eggert's professional career began in 1996 as a project engineer at the Ford Motor Company's Vehicle Environmental Engineering division, then as manager of Ford's California Fuel Cell Partnership office from 2001 until 2003. He also serves on the advisory board to the University of California Energy Institute at Haas and the Energy Efficiency Center at Davis. During his career he has presented at more than 50 national and international conferences, testified to Congress, and received recognition or scholarship from the National Academies, U.S. Department of Energy, U.S. Department of Transportation and National Science Foundation. Currently, Commissioner Eggert serves as Presiding Member of the Efficiency Committee and as Associate Member on the Transportation Committee, AB 32 Implementation (Ad Hoc Committee) and the Federal Stimulus Program (Ad Hoc Committee). He also serves on the Commission committees for eight power plant licensing proceedings. Commissioner Eggert holds a M.S. in transportation technology and policy from the University of California, Davis and a B.S. degree in mechanical engineering from the University of Wisconsin, Madison.

Brad Fauvre is the President of Velocity Vehicle Group (VVG) and related entities, a privately owned group of companies that serve the truck, bus and capital equipment finance markets in Los Angeles, San Diego, Las Vegas and the Southwest. VVG represents Daimler truck and bus brands and others in 10 locations. VVG is also a leader in after-market parts distribution focusing on the commercial truck, commercial bus and school bus segments. VVG participates in equipment finance through its Crossroads Equipment Lease and Finance subsidiary. Crossroads provides loans and leases to transportation companies for all types of transportation equipment. All of VVG’s operating companies are actively involved with various clean emissions projects, from engine retrofit kits and installation to alternative fuel vehicles. The company has taken a leadership role in helping achieve cleaner port trucking through private and public-private initiatives, and currently offers natural gas powered trucks and buses, hybrid trucks and buses and small electric trucks. Prior to VVG, Brad worked in Palo Alto, California for HAL Investments Inc., a private equity investment firm with holdings in real estate, maritime and industrial interests. Prior to HAL, Brad held various positions with The Boston Consulting Group, a strategic management consulting firm. Brad was raised in the San Francisco Bay area and received his A.B. in Economics with honors from Occidental College in 1987. Brad received his M.B.A from Harvard University, graduating in 1992. Brad is active with his school alumni organizations and a number of professional groups.

Brian Feehan is the Vice President of the Propane Education & Research Council (PERC) in Washington, DC. As an industry funded organization, PERC focuses on engine fuel; research and development; safety and training; agricultural markets; and residential and commercial markets. Prior to his role at PERC, he served as the Executive Director of the Propane Vehicle Council (PVC). The PVC was the national organization representing the propane industry’s engine fuel interests. The PVC focused on market development, legislative issues and building stakeholder alliances to promote the use of propane in both off- and on-road applications. Prior to joining the PVC, Mr. Feehan served as the Projects Director for the World LP Gas Association in Paris, France. As Projects Director, he developed marketing tools and implemented strategies promoting the use of LP Gas worldwide. Mr. Feehan also represented the WLPGA on several United Nations organizations, while strengthening partnerships with many national and international agencies and associations. Brian holds a B.A. in Political Science and a Masters of Public Administration from George Mason University in Virginia.

Chuck Feinberg is an environmental and energy consultant with a broad professional, technical and business background. Mr. Feinberg has twice started up and successfully developed New Jersey offices for national engineering consulting organizations, has been an integral part of the development team for several alternative fuel and renewable energy projects, and has had leadership roles on numerous environmental, engineering and construction projects. He is a co-founder and Chairman of the nonprofit U.S. Department of Energy's NJ Clean Cities Coalition (NJCCC), which promotes alternative fuels and advanced vehicles, fuel blends, fuel economy, hybrid vehicles and idle reduction initiatives. He is also the Executive Vice President of Greener by Design, a sustainability consulting firm which brings a comprehensive understanding of, and a fresh perspective on how technology, innovation and legislation will influence the market in years to come. Mr. Feinberg co-chaired Governor Corzine's Task Force on Electric Vehicles, and is a member of the North Jersey Transportation Management Authority Climate Change Workgroup and of the Northeast Diesel Collaborative Construction Workgroup. He is a co-founder of the Environmental Business Council of the Commerce & Industry Association of New Jersey, and is a member of the Rockaway Township Environmental Commission. He has a Bachelor of Science in Engineering from Tufts University, a Law Degree from New York Law School, and is admitted to the Bar in New Jersey and New York.

Neville Fernandes is General Manager of Neste Oil's U.S. business, and President of Neste Oil (US) Inc. located in Houston, Texas. Amongst other responsibilities, Neville is leading the launch of Neste Oil's NExBTL renewable diesel technology in North America. Neville has worked with the company in senior roles in engineering, marketing, sales, supply, and business management. He has a BSE degree in Chemical Engineering (Princeton University) and an MBA in Marketing (Schullich School of Business). Neste Oil's NExBTL renewable diesel is a low-carbon fuel that meets the requirements of ASTM D-975 and significantly reduces vehicle tailpipe emissions. NExBTL renewable diesel can be produced from virtually any vegetable oil or animal fat. Neste Oil is currently operating two NExBTL plants, each producing 60 million gallons per year, at Porvoo, Finland. In addition, the company is constructing two more NExBTL plants at Singapore and Rotterdam, Netherlands each with a capacity of 270 million gallons per year. Neste Oil Corporation is a refining and marketing company concentrating on low-emission, high-quality traffic fuels. The company is the world's leading supplier of renewable diesel. Neste Oil's refineries are located in Porvoo and Naantali and have a combined crude oil refining capacity of approx. 260,000 barrels a day. The company had net sales of EUR 9.6 billion in 2009 and employs around 5,100 people. Neste Oil's share is listed on the NASDAQ OMX Helsinki. Neste Oil has been selected into the Dow Jones Sustainability World Index and awarded 'Best in Class' recognition for its social accountability by Storebrand. The company is also featured in the Ethibel Pioneer Investment Register and included in Innovest's Global 100 list of the world's most sustainable corporations. Forest Footprint Disclosure (FFD) has ranked Neste Oil as the best performer in the oil & gas sector. Further information: www.nesteoil.com.

Mike Ferry is the Transportation Programs Manager at the California Center for Sustainable Energy (CCSE) and is responsible for the day-to-day operational management of all activities and functions related to transportation programs at CCSE. Additionally, Mike is the statewide administrator for the Clean Vehicle Rebate Project, a $4.1 million program funded through the California Air Resources Board (ARB) to incentivize battery electric and hydrogen fuel cell electric drive vehicles. In this position, Mike is responsible for coordination with vehicle OEMs and fueling infrastructure manufacturers, including electric service providers and major utilities. Prior to joining CCSE, Mike was a consultant in the alternative fuels and climate change sectors in the San Francisco Bay Area, with work that ranged from fleet biofuels implementation to energy use and greenhouse gas lifecycle analysis for alternative fuels production. Mike holds an M.S. degree from the Energy and Resources Group at UC Berkeley, where he focused on the intersection of renewable energy and automotive electrification at the Transportation Sustainability Research

Center. Mike is also an ARB-accredited GHG verifier for large, point-source emitters under the state's AB32 regulations.

Matt Fronk is the Director for the Center for Sustainable Mobility in the Golisano Institute for Sustainability at RIT, where he is leading activities examining a full spectrum of emerging fuel technologies and their applications – biodiesel, ethanol, batteries, fuel cells, hydrogen and even combinations of these to determine their impacts on existing systems and forecast requirements for future transportation systems and infrastructure. He brings over 30 years of industrial experience from General Motors, mainly in the areas of Advanced Fuel and Emission controls in both gas and diesel applications. For the last 20 years he led GM's PEM Fuel Cell R&D program, which began at Los Alamos National Lab and settled in Honeoye Falls, New York. The result of this work was a 100 vehicle fleet – the largest prototype fleet of its kind in the world. He has been active in promoting partnerships in these advanced technology areas around the globe. Matt has a B.S.M.E. degree from Union College.

Linda L. Gaines is currently a Systems Analyst at the Center for Transportation Research, Energy Systems Division at Argonne National Laboratory. Linda is currently responsible for studying ways to reduce petroleum use and other impacts from transport; most recently by reducing idling of trucks, buses and locomotives. She examines costs and impacts on energy use and environment of production and recycling of advanced-design automobiles, trucks, trains and batteries. Her primary interest is problem solving, applied to efficient use of resources. Linda joined Argonne in 1976 and wrote handbooks of energy and material flows in petroleum refining, organic chemicals and copper industries that provided background for studies of technical and institutional issues involved in recycling discarded tires, packaging and other energy-intensive materials. In addition, she has examined potential growth of electricity demand by industry and performed technical and economic analysis of alternative fuels, including hydrogen and biofuels. Linda has written numerous publications including: *Lithium-Ion Batteries: Possible Materials Issues*; *Sorting Through the Many Total- Energy-Cycle Pathways Possible with Early Plug-In Hybrids*; *Energy Use and Emissions Comparison of Idling Reduction Options for Heavy-Duty Diesel*; *Technology Options to Reduce the Fuel Consumption of Idling Trucks*; *Trading of Locomotive Emissions*; *Operation of an Aluminum-Intensive Vehicle*; and *Nickel-Metal Hydride Batteries: Energy Use and Emissions from Production and Recycling.*

Gary Gaussoin is currently Chairman of Silver Eagle Mfg. Co. in Portland, Oregon. Silver Eagle Mfg. Co. began in 1936 as the equipment manufacturing arm of Silver Eagle Company, a bulk petroleum hauler. Today the business specializes in trailing equipment for commercial heavy-duty truck-trailer and light tactical military wheeled vehicles. While Gary's career has been predominately in manufacturing, he has also worked in the family-owned truck dealership, Beaver Motor, and as a board member of their regional LTL motor carrier Silver Eagle Company. The Gaussoin family has a heritage of being active in the trucking industry. C. Julius "Judy" Gaussoin founded Silver Eagle Company in 1933 and by 1936 he was inventing products for use in his own company. His most notable inventions were the "Silver Eagle Fifth Wheel", the Roadranger transmission, and the two line air brake system that is today's standard. Gary's brother Ross was Chairman of the American Trucking Associations in 1982-83. Gary received his B.S. from Portland State University. He is a regular technical presenter at the Technology and Maintenance Council meetings and has presented for the Society of Automotive Engineers, Distribution & Less Than Truckload Conference and for NCFE. He is Chairman of the Board for the Manufacturing 21 Coalition and a Board Member of both Cascade Sierra Solutions and North American Council for Freight Efficiency. Gary has been married for 25 years, he and his wife Cynthia live in Vancouver, Washington; they have three college-age children. Gary's hobbies include playing the drums, gardening and "fixing things".

Greg Glander has been with Toyota Motor Sales USA for 23 years, and has worked in various assignments within Toyota such as Corporate Accessories, Market Representation, Toyota Motorsports and Corporate Fleet. Greg has worked in Toyota Corporate Fleet for 10 years. He has held assignments in the areas of RAV4EV Fleet Sales, Toyota Certified Used Vehicles and Truck Marketing. As of February 2010, Greg was assigned to the new position of *Government Sales & Advanced Technology Vehicles Manager.* In this newly created position, Greg will be involved with Toyota's federal, state, and local government sales strategy, concentrating primarily on Toyota Fleet's Advanced Technologies which will include, but not limited to, the Prius "plug-in" hybrid program and future electric vehicle programs. Greg has a B.S. Degree in Secondary Education from Butler University.

Dr. David L. Goodstein is professor of physics and applied physics and the Frank J. Gilloon Distinguished Teaching and Service Professor Emeritus at the California Institute of Technology in Pasadena. He was on the faculty there for more than 45 years. His book, States of Matter, published in 1975 by Prentice Hall and reissued by Dover Press in 1985, was hailed by *Physics Today* as the book that launched a new discipline, Condensed Matter Physics. His other books include Feynman's Lost Lecture, written with his wife, Judith Goodstein, and more recently, Out of Gas: The end of the age of oil and On Fact and Fraud: Cautionary tales from the front lines of science. His research, in experimental condensed matter physics, has dealt with phases and phase transitions in adsorbed, two-dimensional matter, ballistic phonons in solids, superfluidity in liquid helium and critical point phenomena. He is currently working on an experiment that examines the dynamics of the superfluid phase transition. Dr. Goodstein was the host and project director of *The Mechanical Universe*, a 52-part college physics telecourse based on his popular lectures at Caltech. He was awarded the 1999 Oersted Medal of the American Association of Physics Teachers and the 2000 John P. McGovern Medal of Sigma Xi, the Research Society.

Lee Grannis started the New Haven Clean Cities coalition in 1995 and has served as the coalition's coordinator for the last 12 years. As part of his Clean Cities mission, Grannis has developed projects and obtained federal and matching funding for compressed natural gas, light duty electric vehicles, electric transit, hydrogen hybrid and biodiesel projects and outreach project funding. He has provided alternative vehicle/fuel consultation and assistance to many organizations in Connecticut and outside the state, including several towns and cities, metropolitan transit authorities, utilities, community colleges, universities, laboratories and airports. He serves as an on-call advisor to Connecticut state government staffs and Connecticut's U.S. Congressional and U.S. Senatorial staff. Recently, his coalition in partnership with the three other Connecticut Clean Cities and 27 other partners was awarded $26 million including partner match from the U.S. Department of Energy for alternative fuel infrastructure and vehicle deployment in Connecticut. Grannis retired after 23 years as a lieutenant colonel infantry from the U.S. Army. He held several combat and logistical positions, which included two combat tours in Vietnam. He attended several military schools and is a graduate of the U.S. Army Command and General Staff College. Grannis has a Bachelor of Arts Degree from Eastern Kentucky University in Political Science and a Master of Arts in Public Administration from Central Michigan University.

Brian Grimm is the Vice President of Sales & Marketing for Clean FUEL USA. Clean FUEL USA is a leading supplier of propane engine technology, propane infrastructure and propane station products both nationally and internationally. CFUSA is headquartered in Austin, Texas and has been providing alternative fleet solutions for over 16 years. Brian leads a team of sales and marketing experts that focus on providing economical solutions to fleet operators. Brian has worked in the propane industry for over 10 years and has served on several industry boards and has worked with some of the largest fleet operators and OEM suppliers in the US on alternative fuel solutions. Brian has a B.A. from Washington State University and has over 20 years of sales and marketing experience working with Fortune 100 companies.

Dave Guernsey is currently the Senior Sustainability Program Manager at UPS. His responsibilities include corporate sustainability management, climate and energy strategy and all “beyond compliance” activities to include; external technical working groups, projects with non-governmental organizations, support for environmental public relations, and corporate response and strategy related to global environmental issues. David began his career with UPS in 1979.

Sonia Hamel consults to foundations, non-profits and governments in the areas of climate, energy and transportation. She has served as Emissions Trading Advisor to the British Embassy in Washington, DC, focusing on the design of U.S. regional trading programs and to the UK Consulate Boston in the areas of climate and transportation. Sonia has 27 years of experience in policy analysis and program implementation. Most recently, she served the Massachusetts Office for Commonwealth Development, coordinating air quality and climate protection programs across many agencies. There, she wrote the Massachusetts Climate Protection Plan and led the state’s efforts in creating the Regional Greenhouse Gas Initiative (RGGI), a regional cap and trade program for the electric sector. Previously, Sonia was Director of Air Policy and Planning for 10 years, helping to guide one of the most aggressive air quality programs in the U.S. focusing on vehicle emission standards, power plant and industrial clean-up. During her tenure, the nation's first carbon regulations for power plants were enacted. She also developed and led the New England Governors' and Eastern Canadian Premiers Climate Action Plan in 2001, the first international climate agreement in the U.S. She has been working on climate change since 1994 when she was appointed to the White House Advisory Committee on Transportation and GHG Emissions.

Dan Hannan is the Senior Vice President of Strategic Consulting & Environmental Solutions at Donlen Corporation, a leader in fleet leasing and management. Along with his team of consultants, Dan’s primary role is to work with clients to lower operating costs, eliminate administrative burden, and reduce the environmental impact of fleet operations. Dan has more than 18 years of fleet industry experience, and has held numerous management positions in vehicle remarketing, purchasing, quality, information technology, and strategic consulting. Dan graduated from Minnesota State University, Mankato, and is a certified Six Sigma Black Belt.

James N. Harger has been involved in the natural gas business for more than 25 years – the past 16 years have been dedicated to marketing Natural Gas Vehicles (NGVs) and building fueling stations. Prior to becoming Clean Energy’s Chief Marketing Officer, Mr. Harger worked for the Southern California Gas Company (SoCal) – the last five years on the market development of NGVs. In 1997, after 14 years of service, Mr. Harger left SoCal to join Pickens Fuel Corp. (predecessor to Clean Energy) as Vice President of Marketing. He was the company’s second employee. At PFC, Mr. Harger began pursuing local, state and Federal grants for return to base fleets, including airports, refuse and transit. His group’s success in being awarded more than $216 million to date, led to long-term contracts with Republic Industries, Waste Management, several metropolitan transit agencies and a growing list of major airports across the country. Clean Energy’s LNG business is also growing; especially in the heavy-duty truck sector in the Ports of Los Angeles and Long Beach where more than 1,000 LNG trucks are now in operation. The success at the ports is resulting in several regional trucking firms deploying natural gas heavy-duty trucks in their fleets. The knowledge and leadership of his North American sales team have seen the company grow from $2 million in sales in 1997 to more than $131.5 million in sales in 2009. In June 2007, he assisted in Clean Energy’s (NASDAQ: CLNE) successful IPO which raised $120 million. Mr. Harger received a bachelor’s degree in Civil Engineering from UCLA and a master’s degree in business administration from Pepperdine University.

David Head has been involved in vehicle and equipment management and repair for over 38 years. His work history includes training and work as an automotive mechanic, heavy equipment

mechanic, parts sales person, owner/operator of an automotive repair facility, fleet supervisor and fleet manager. He has been the Fleet Manager at the County of Sonoma since December 1990. As Fleet Manager, he oversees a fleet of 1,500 vehicles and equipment, and he manages an annual operations budget of $7.2 million and a $3 million budget for vehicle replacement. The County has three maintenance facilities and a total staff of 26 positions. The County maintenance facilities have been certified by the California Department of Toxic Substance control as “P2” (pollution prevention) shops and by the Bureau of Automotive Repair as “Model Green Shops.” Dave has been progressive in his approach to technology and vehicle replacement. He computerized the shop operations in 1988 by giving the mechanics access to the fleet database. He has completed demonstration projects with electric and CNG powered vehicles and has implemented a hybrid vehicle program that currently has 231 hybrid vehicles, nine of which have been converted to plug-in hybrids and one hybrid bucket truck. The County currently has 17 operational EV charger stations and eight more scheduled for installation. Dave is active in the Sonoma County Local Government EV Partnership and the Bay Area EV Corridor Project.

Jenna Higgins Rose is founder of Rose Media, LLC, specializing in alternative fuels communications and media relations. She served as Director of Communications for the National Biodiesel Board (NBB) for nearly 10 years, during which time biodiesel awareness among consumers rose from 27 percent to 86 percent. She also spearheaded a Sustainability Awareness campaign, aiming to increase understanding of biodiesel as a sustainable, socially responsible solution to dependency on foreign oil. In 2008 she launched a biodiesel social media campaign, including a YouTube channel, Facebook group and Twitter presence. Higgins Rose continues to work for NBB as an independent contractor in addition to other renewable fuel and green product clients. Prior to her work for NBB, she worked as a television journalist for eight years. She holds a bachelor’s degree in journalism from the University of Missouri, and lives in Columbia, Missouri.

Jared Hightower, a graduate of Louisiana State University with a bachelor’s degree in mechanical engineering, has fourteen years of experience in the alternative fuels industry. In his current position as Sales Manager, he is responsible for a staff of 4 sales people who focus on new equipment sales. GreenField’s markets include industrial gas compressors, hydrogen fueling station equipment, and compressed natural gas fueling station equipment. GreenField’s sales team works with fuel retailers, engineers, contractors, and users of alternative fuels to help implement hydrogen and NGV stations. Prior to joining GreeField, Jared was a CNG construction engineer and built 11 NGV stations and was an operations manager in charge of 25 CNG stations for an industry leading CNG fuel retailer.

David Hill is Vice President, Natural Gas Economy Operations for Encana Corporation and is the Natural Gas Vehicle Drive Project champion at Encana. David’s role at Encana is to work externally and internally to increase the use of natural gas in the power generation and transportation sector through advocacy, strategic partnerships and building infrastructure to enable market development and acceptance. He joined Encana in November 2002 and has over 25 years of diversified experience in the oil and gas industry. David’s previous position at EnCana from 2007 to 2009 was Team Lead—DJ, Paradox and West Texas Basins. Prior to joining EnCana, David was President of TICORA Geosciences, a company specializing in unconventional natural gas resources with core retrieval, core analysis and consulting services. David worked at the Gas Technology Institute (GTI), formerly Gas Research Institute, in Chicago, Illinois for 11 years in various management positions before joining TICORA. At GTI, he worked in Gas Shale, Coalbed Methane and Tight Gas Sands program areas. David specialized in natural gas resource characterization, technology development and technology commercialization in these program areas. He also conceptualized and was managing editor for *GasTIPS*, a technology based publication for GTI’s E&P programs with circulation to over 7,000 industry professionals. David started his career with Halliburton Services, working throughout the eastern U.S. as a field engineer. He has a B.S. degree in

petroleum engineering from Marietta College and an M.B.A. from Kellogg Graduate School of Management, Northwestern University.

Brian Hilton joined the Rochester Institute of Technology in 2003 as a senior engineer. He has over 20 years of experience in the areas of new product development and sustainable design. In various positions, he designed and developed products from concept-inception through fully-automated, high-speed production at domestic and international manufacturing plants successfully launching many products. As a part of the university, he has developed tools and methods to assist companies in creating closed-loop, economically and environmentally sustainable product systems. He is currently the lead engineer investigating the impacts of mid-level ethanol blends on a fleet of over 350 vehicles. Mr. Hilton holds a B.S. degree from Syracuse University in aerospace engineering with a minor in mathematics, and holds 29 United States patents.

Captain John M. Holmes is Director of Operations at the Port of Los Angeles. As Director, Capt. Holmes oversees the daily operations of the port. He is responsible for the Port Police, Port Pilots, Wharfinger, and Construction and Maintenance divisions at the number one container port in the nation. Capt. Holmes is also responsible for the development and implementation of the Clean Truck Program, a component of the Port of Los Angeles' Clean Air Action Plan. He holds the ultimate responsibility for Port-related security and public safety issues. His divisions work cooperatively with associated government and law enforcement agencies to uphold maritime laws, enforce safety and security regulations, and continually enhance emergency response and preparedness procedures to ensure the safety of the Port workforce and residents in the surrounding harbor communities. Capt. Holmes has 30 years of international management experience in a variety of positions that include a chief operating officer, Fortune 500 executive, senior level Coast Guard officer and industry renowned maritime security specialist. He most recently served as a principle and chief operating officer of the Marsec Group, a full-service security consulting firm specializing in supply chain security, technology and operations. Prior to forming the Marsec Group, Capt. Holmes was vice president and director of business development for Science Applications International Corporation, where he implemented technological solutions to homeland security challenges for government and commercial customers. Capt. Holmes retired from the United States Coast Guard in 2003 following 27 years of distinguished service in a variety of posts that included Captain of the Port for the Los Angeles-Long Beach port complex. As Captain of the Port, Holmes was at the helm on September 11, 2001, and has been credited with swift and decisive actions that ultimately led to the creation of a number of national security initiatives, including the Maritime Transportation Security Act, Area Maritime Security Committee and national Sea Marshal Program. Capt. Holmes holds bachelor's degrees in English and education from Boston College, and a master's degree in business administration from Washington University's John M. Olin School of Business.

Dan Hyde has been with the City of Las Vegas since 1993 and currently serves as a Fleet and Transportation Services Manager. Prior to that, he was the Fleet Manager for the University of California, San Diego. Dan has been the Coordinator for the Las Vegas Regional Clean Cities Coalition (LVRCCC) since its inception October 18, 1993. He has been the Executive Director of LVRCCC since it's incorporation in December 2000. Dan is very active in the local community serving on various committees; as Chair of the Regional Transportation Commission's Citizen Advisory Committee, he is a mentor in the National School to Careers Program, City of Henderson's Blue Ribbon Commission on Educational Excellence and Youth Opportunity, Clark County Air Quality Forum and Technical Advisory sub-committee, City of Las Vegas' Air Quality Team, and a volunteer for the national syndicated Radio Reading Service with KNPR-FM radio in Las Vegas.

Chelsea Jenkins is the Executive Director of Virginia Clean Cities, which supports alternative fuel and vehicle deployment activities throughout the state of Virginia. Virginia Clean Cities provides technical, funding, and project management assistance to stakeholders ranging from individual vehicle owners to small government fleets to large commercial fleets. Prior to Clean Cities, Ms. Jenkins helped establish Valley AIR*Now*, the Air Quality Outreach Program for Winchester and Frederick County in Virginia. And before a biodiesel project in Malta started her career in alternative fuels, Ms. Jenkins worked in several non-destructive evaluation laboratories including NASA's Langley Research Center. She is a graduate of James Madison University's Integrated Science and Technology Program, where she concentrated in energy, environment and transportation.

Joe Jobe is the Chief Executive Officer for the National Biodiesel Board (NBB). The NBB is the national trade association representing the biodiesel industry as the coordinating body for biodiesel research and development in the U.S. Its members include feedstock producers and processors, soybean commodity boards, biodiesel suppliers and fuel marketers and distributors. Joe has been with the NBB since 1997, and has served as CEO since January 1999. Joe's duties include serving as the principle investigator for the $2.2 million biodiesel health effects testing program. Joe became interested in agricultural, environmental and energy issues growing up on a farm in central Missouri. Prior to working for the NBB, Joe was a fraud investigator for the Missouri Attorney General's Office and prior to that he worked as a certified public accountant.

Barbara Johnson has been in the natural gas industry working for Boone Pickens for 27 years. Mrs. Johnson's career with Mr. Pickens began at Mesa Petroleum Co., a natural gas exploration and production company. Relocating from Texas to California, Mrs. Johnson joined Pickens Fuel Corp., predecessor to Clean Energy, during the company's first year of operation. Currently, as Assistant Vice President of Grants, Risk Management and Human Resources for Clean Energy, her role includes directing the company's current financial portfolio of over $215 million in grant funds, as well as directing global risk management program and human resources departments for this leading natural gas fuel provider. Mrs. Johnson has developed a history of tremendous success through the various federal, state and regional funding agencies including the Department of Energy, the Environmental Protection Agency, the California Energy Commission and numerous regional environmental and clean air agencies. Her expertise and dedication in grant administration and reporting required by the funding agencies has established her reputation as one of the best in the industry. Mrs. Johnson graduated from Vanguard University with a bachelor's degree in organizational management.

Evelyn Kanter brings a lifetime of experience as a journalist, first as a broadcast news producer and reporter, and more recently for newspapers, magazines and websites, including her own, GreatDrives.net. Currently, she writes a syndicated column for Motor Matters, is the Green Car Editor for Examiner.com, and a regular contributor to the Continental Airlines in-flight magazine and for several AAA magazines. She also has written about cars, automotive safety and alternative fuels for *The New York Times*, Edmunds.com, *New York Post*, *New York Daily News*, *Family Circle*, *Redbook* and The Associated Press. Kanter was a producer for the all-news CBS radio station in New York when she became interested in consumer issues, including automotive safety. She moved to ABC News, where she was the network's first investigative consumer reporter, uncovering frauds and dangerous products in industries including food, drugs, travel and automotive. Kanter also writes extensively about travel. Her favorite assignments are when cars and travel merge, such as when writing about vintage car museums, or a hotel which has installed a quick-charge device for guests arriving in plug-in electric cars. She is a graduate of the University of Missouri School of Journalism, and lives in New York City. She's a member of the International Motor Press Association and a former board member of the Society of American Travel Writers.

Stewart Kennedy is President of NGV Fleet Partners (NGVFP). NGV Fleet Partners provides cost effective solutions to municipalities, school districts, and non-profit entities by providing CNG vehicle leasing at below-market rates. NGVFP offers operating leases with affordable rental terms and flexible lease-end options. NGVFP is able to monetize the tax credits generated as part of its leasing programs with tax-exempt entities and use the proceeds to subsidize the price of the leased vehicles to the tax-exempt entity. NGVFP has used its leasing program with the Tulsa Public Schools to provide leasing on 140 C & D Class school buses operating on CNG. NGVFP is also expanding its leasing program through a $5,000,000 EPA Clean Diesel finance grant received in partnership with the National Association of Pupil Transportation. This grant program will be national in scope and focused on school bus retrofits.

Paul C. Kerkhoven is President of his own Washington, DC based government relations consulting firm. Kerkhoven has extensive experience in government relations, environmental policy and transportation and agriculture activities including: Director Government Relations for NGVAmerica; Legislative Assistant to U. S. Senator William V. Roth, Jr. (R-DE); and Director of Environmental Affairs for the American Highway Users Alliance. Kerkhoven, is a registered lobbyist, has testified before Congress, and was appointed to a Federal advisory panel to advise the US EPA on air quality regulations. He received his master's degree in public administration in energy and environmental policy from the University of Delaware and holds a B.S. in biology from the University of Waterloo, in Ontario, Canada. He is fluent in Dutch and French and is an accomplished gold and silversmith.

Ir. Hans Keuken is the Founder and Managing Director of Process Design Center, one of the leading consultancies in chemical engineering, energy efficiency and new biofuel concepts. Hans studied physics and chemistry at the University of Amsterdam and mineral processing and extractive metallurgy at TU Delft. Researchers at Process Design Center found that you can have far higher water concentrations in ethanol-gasoline mixtures without phase separation and with a positive effect on the overall engine performance, emissions and mileage. This breakthrough opens the way to using cheaper, easier to produce and more sustainable hydrous ethanol in gasoline.

Rachele Klein has been managing business development and municipal services for Allied Waste Services/Republic Services (Allied) of Idaho since 2005. She is the liaison between the hauling company and state and local governments. Her charge is to garner the political support necessary to bring environmentally sound business practices and technology to Idaho's Treasure Valley. She earned a Bachelor of Science degree from the University of California at Davis, and a Master of Science Education degree from the University of Florida. Community involvement is a key part of Rachele's work life. Rachele is on the Board of Idaho Voices for Children and rescues animals through the Idaho Humane Society. She volunteers at St. Michael's Episcopal Cathedral in Boise and spends much of her free time staffing special event booths where she can promote better waste stream management and environmental practices in Idaho.

Gerald N. Koss is the Marketing Manager for Ford Motor Company's North America Fleet, Lease and Remarketing Operations, with responsibility for the development of the product, and marketing strategies, including alternative fuel technologies, for all current and future Ford, Lincoln and Mercury vehicle lines. Prior to his appointment in Ford Fleet Operations, he spent five years in Ford's Global Product Strategy and Marketing organization where his assignments included development of the forward model product strategy for North and South America and as the Mondeo Product Marketing Manager in Ford of Europe. His European assignments also included responsibility for the launch of retail leasing initiatives in nine countries. Mr. Koss began his career with Ford in 1981 as a zone manager for Ford Customer Service Division in the Colorado market. Additionally, he has held various sales and marketing positions in Texas, New York and Michigan.

Eric Leonhardt is currently the Director of the Vehicle Research Institute at Western Washington University. In this role, he is responsible for developing advanced hybrid vehicles, composite material systems and powertrains, and advises 125 students in the major. His recent projects include the Viking 32 parallel-hybrid safety vehicle, bio-methane refinery, Viking 40 VARTM carbon composite chassis, tooling for Bentley door, carbon fiber assembly aids for the Ford Mustang program, 1.4 liter small V-8 engine, and prototype suspension components for PACCAR. Eric is also an Assistant Professor in the Engineering Technology Department at the University. Prior to joining Western Washington University, Eric worked for DaimlerChrysler developing requirements for software including DPM for Assembly, and DPM Powertrain. He also co-wrote the evaluation plan for Catia V5 CAM package and initiated product data management pilot for Enovia V5. Before DaimlerChrysler, Eric spent four years working for Electronic Data Systems in Detroit, Michigan. In his various roles there, he developed graphical work cell simulations within the DENEB IGRIP software package to demonstrate the capability of Virtual Manufacturing tools for GM Powertrain and validated the software tool's ability to determine machine tool design interferences and ergonomic issues and managed implementation of electronic material pull system for bulk parts in the body shop of the Detroit/Hamtramck Cadillac Assembly Center. In addition, he supported assessment process for lean manufacturing systems at two assembly centers and managed subsequent business planning process to enable improvement. Eric earned his M.S. in Automotive Systems Engineering from the Rackham School of Graduate Studies at the University of Michigan, Dearborn, a B.S. in Industrial Technology, Vehicle Design from Western Washington University, and a B.A. Economics from Whitman College in Walla Walla, Washington. Eric is currently a member of the Society of Automotive Engineers, the American Society of Mechanical Engineers and the American Society of Engineering Educators

Jon LeSage is Automotive Editor, Green Initiatives at Automotive Digest. He writes for and manages the online newsletter, "Automotive Digest Weekly (ADW) Green," which goes out to about 60,000 readers/viewers at automotive OEMs, suppliers, dealerships, fleets, research and consulting, regulatory agencies and advocacy associations. Reaching more green car consumers is part of ADW Green's strategy. ADW Green provides weekly content focused on hybrids and plug-ins, alt-fuel vehicles, fuels and energy, corporate sustainability, environmental and energy regulations, market data, upcoming conferences and green fleet management. Jon brings 20 years of experience in editorial and research to ADW Green. He's worked as a magazine editor and writer, online content webitor and market researcher. Over the years, he's spent time covering alternative fuel vehicles, fleet management, car rental, business travel, used car trends, chauffeured ground transportation, internet marketing, laws and regulations, and auto manufacturing. Covering green machines now requires a wide range of news tracking, which makes it all the more fun – science and engineering, fuels and energy, fleet management, laws and regulations, sustainability initiatives, global OEMs, environmental activism, and what green car buyers really want.

Richard Lowenthal is the Founder and CEO of Coulomb Technologies *(cool-ohm)*. Before starting Coulomb, he was involved in starting several companies, including Lightera, Pipal Systems and Procket Networks. Mr. Lowenthal was formerly Vice President and General Manager at Cisco Systems. Prior to Cisco, Mr. Lowenthal was Vice President of Research and Development for StrataCom, a telecommunications product development and manufacturing company. Prior to StrataCom, Mr. Lowenthal was Vice President of Engineering at Stardent Computers and Convergent Technologies. Mr. Lowenthal is also a former Mayor of Cupertino, California. He has chaired the boards of several non-profit organizations and is currently Chair of the Board of the YMCA's of Silicon Valley. Mr. Lowenthal has a B.S. degree in electrical engineering from UC Berkeley.

Dan Martin is Director of Sales & Marketing - Clean Fuel for AmeriGas responsible for leading the company's initiative to commercialize propane/Autogas as a viable alternative fuel for fleets. A native of Pittsburgh, Pennsylvania, Dan is a graduate of California University of Pennsylvania with a B.S. in Industrial Arts. Dan's experience in the last 30 years includes senior sales and marketing leadership roles in companies including: Quaker State Oil, Power Service Products, Echlin and Bendix Commercial Vehicle Systems. In his current role, Dan is working with numerous organizations and suppliers to encourage fleets to evaluate, test, and use propane vehicles in their operations. Such firms include: PERC, Engine Fuel Advisory Committed, DOE, Clean Fuel USA and ROUSH just to name a few.

Mike McGarry is currently the Manager for Alternative Fuels and supports product development, sales, and marketing efforts for GM's Alt Fuel and Advanced Technology vehicles for the GM Fleet and Commercial organization. Products include E85 Flex Fuel, biodiesel Flex Fuel, advanced hybrids, extended range electric vehicles, and hydrogen fuel cell vehicles. As a member of the GM global biofuels team, Mike received a Chairman's Honors award for support of the Coskata and Mascoma investments and overall expansion of advanced biofuels. Prior to joining Fleet and Commercial in 2006, Mike had various sales and service management assignments in the GM regional and national sales, service and marketing organizations.

Chris McKenna is the Northeast Inside Fleet Manager for Poland Spring Water Company, a division of Nestle Waters North America. Chris has been with the company for 12 years, and has held positions in the manufacturing, warehousing and transportation divisions. As Fleet Manager, he is responsible for supplying the Poland Spring (ME), Hollis (ME) and Framingham (MA) bottling plants with over 200 million gallons of bulk spring water annually, delivered from eight spring site locations across Maine. Chris manages a fleet that includes 40 drivers, 21 tractors and 66 tankers and travels 4 to 5 million miles annually. Under Chris's leadership, Poland Spring's truck fleet has been recognized three years in a row with a Fleet Safety Award from the Maine Motor Transportation Association. In 2008 under Chris's leadership, Poland Spring became an EPA SmartWay environmental transportation partner and developed and implemented many key environmental initiatives. Most notable are the biofuel and idle reduction initiatives. In 2007, the company embarked on a total fleet transition to biodiesel and is now the largest end-user of the fuel in Maine. The following year Poland Spring's idle reduction program cut the fleet's idle time by 50% from 2007 levels. Long term, the program has reduced total idle time from over 10% annually, to 2.5% in 2010. These accomplishments have gained the attention of national organizations and publications such as Environmental Defense Fund, which published a case study of Poland Spring's efforts to green their fleet in December 2009. Poland Spring has been lauded by *Commercial Carrier Journal*, *Bio Diesel Magazine*, and *Heavy Duty Trucking Magazine* and was named the "Green Fleet of the Month" for February 2010 by *Fleet Owner Magazine*. The company's green efforts were also the subject of a case study undertaken by the Aberdeen Research Group for which Poland Spring won a Performance Excellence Award in 2009. Chris McKenna and the Poland Spring transportation team are continuously looking at ways to improve and reduce fuel use and lesson their carbon impact. Current projects include moving to the use of synthetic oil and other mileage enhancement technologies.

Walter McManus is an economist and head of the Automotive Analysis Group at the University of Michigan's Transportation Research Institute. Before joining the research faculty in March 2005, he was Executive Director of Forecasting and Analytics at the global marketing information company, J.D. Power and Associates. His business experience also includes nine years with General Motors in forecasting, marketing analysis and strategy and new-product development. McManus also spent a year as a production supervisor in a GM manufacturing plant. He began his career as an academic. He was Assistant Professor of Economics at the University of Florida (1983-88) and then Associate Professor of Economics at Baruch College (1988-89). A research leader in the behavioral

aspects of energy and transportation, McManus has a record of research accomplishments in consumer behavior and market competition in the transportation sector. He has an enthusiasm for working with multiple diverse stakeholders to generate knowledge through excellent research to help design effective policies. McManus has conducted and managed complex cross-disciplinary research projects throughout his career. Subjects have included the assimilation of immigrants into the U.S. labor market, the importance of researchers' prior beliefs in controversial research topics, the behavior of consumers and firms in the automotive industry, the impacts and effectiveness of energy and environmental policies, and the adoption and diffusion of new technologies. McManus graduated from Louisiana State University (B.A. 1977) and earned a doctorate in economics from the University of California, Los Angeles (Ph.D. 1983).

Stephanie Meyn is the Coordinator for the Puget Sound Clean Cities Coalition. Since joining the Coalition in November 2008, she has successfully secured $15 million from the U.S. Department of Energy to support a suite of alternative fuel and advanced technology projects. Stephanie also plays an integral role in administering and promoting the Evergreen Fleets program. Evergreen Fleets offers efficient and budget-friendly best practices to help fleets conserve fuel, reduce emissions and ultimately achieve certification as a 'green' fleet. Stephanie holds a master's degree in atmospheric science, with a diverse set of experiences in air quality management planning, government regulation development, numerical modeling, and measuring energy efficiency in buildings.

Mindy Mize is a Program Manager with the North Central Texas Council of Governments, the Metropolitan Planning Organization for the Dallas-Fort Worth (DFW) area. The Metropolitan Planning Organization (MPO) serves the North Central Texas region by developing transportation plans and programs that address the transportation needs of the rapidly growing metropolitan area. Ms. Mize has worked for the North Central Texas Council of Governments for over 10 years and is responsible for the Transportation and Air Quality Marketing Team within the Air Quality Planning and Operations Program Area of the Transportation Department. Mindy and her staff work on educational and communication initiatives for many of the Transportation Department's programs and projects, as well as a new regional air quality public awareness campaign, Air North Texas. This campaign was awarded the Environmental Protection Agency's (EPA) Clean Air Excellence Award for Outreach and Education in May 2009. She has also worked on several Clean Vehicle programs for the MPO, such as the DFW Clean Cities, DFW Clean School Bus, Clean Fleet Vehicle Policy and other clean vehicle initiatives and funding programs. She is also a one of two DFW Clean Cities Co-Coordinators. She sits on the National Clean Cities Coordinators Council, and in fall of 2008 was elected to be one of three Coordinator Council Co-Chairs. She leads the Accountability and Training Team for the Council, which works directly with DOE to determine coalition and coordinator training needs and to review and evaluate Clean Cities designation requests, coalition performance measures, MOU renewals, mentoring priorities, and requirements for fiscal support (i.e., coalition support). Ms. Mize is Clean Cities Coordinator of the Year for 2009-2010. She also currently sits on the North Texas Clean Air Coalition Executive Board, Dallas Sustainable Skylines Initiative Outreach Committee, and she has sat on the 2008 National Clean Cities Leadership Retreat Sponsorship Committee as well as the EPA's 2009 Sustainable Communities Training Conference Planning Committee and subsequent Reception Committee. Ms. Mize grew up in Dallas, Texas and received her B.S. degree in resource and environmental studies from the Geography and Planning Department of Texas State University where she graduated *magna cum laude*. She currently lives in Grapevine, Texas, with her husband and two young daughters.

Todd A. Mouw is an automotive industry veteran with an undergraduate business degree from the University of Michigan. He currently serves as Vice President of Sales & Marketing, Alternative Fuel Technologies, and has been with ROUSH Performance for 15 months. Todd is charged with

working with North American Fleet customers to reduce their dependence on foreign oil, reduce operating costs and reduce their carbon footprint. ROUSH is a Tier 1 engineering, manufacturing and racing company with over 2,000 employees in North America. They have developed a liquid propane injection fuel system for Ford commercial trucks, vans and cutaways, but also have significant experience with other alternative fuels such as hydrogen, CNG, electric and hybrid.

Dave Myers is currently Sales Manager, Alternative Fuel Products, for Luxfer Gas Cylinders. Dave has been involved with the alternative fuels industry in North America since 1989, specializing in the development and sales of products designed specifically to meet the demanding needs of CNG and hydrogen systems. Dave holds patents for valve and PRD technology for CNG and hydrogen cylinder applications. His more than 30+ years of experience with high-pressure gases encompasses a broad range of applications from semiconductor systems to fabrication of vehicular fuel systems. Dave is a senior member of ISA, SAE and past member of several technology committees for CNG vehicles and components.

Michael O'Connell, Director of Fleet Operations for Frito-Lay North America (FLNA), oversees one of the largest privately owned fleets in the United States. In this role, Mike is responsible for the development and execution of the organization's sustainability strategy for fleet. This transformation encompasses upgrading existing assets, as well as the identification and integration of innovative "green" technologies and vehicles. The ultimate goal for the company is to become the "most fuel efficient fleet in the U.S." Under Mike's guidance, the company has been implementing initiatives such as route and asset optimization, operator training, aerodynamics, GPS and developing partnerships with organizations like the Department of Transportation and its SmartWay program. Mike started with FLNA in 1991 at its Wooster, Ohio facility. In his 18 years with the company, he has worked in a number of field positions in Service & Distribution, Finance and Supply Chain at various FLNA sites, including Frankfort, Indiana one of the company's largest manufacturing facilities. He received his MBA from Xavier University in Cincinnati, Ohio and a combined B.S.B.A. (finance and operations management) from The Ohio State University.

D.V. O'Connor, P. Eng. is President of $(S\&T)^2$ Consultants Inc. He is a mechanical engineer with a broad background in energy and environmental consulting and in industry. Mr. O'Connor's background includes over 15 years of manufacturing and marketing experience with Western Canada's largest independent fuel retailer. He has successfully developed and commercialized environmentally sound transportation energy alternatives. In addition, Mr. O'Connor's also has extensive experience with production of biofuels, the development of NRCan's GHGenius lifecycle greenhouse gas model and detailed knowledge of fuels and the fuels industry. He has developed objectives, strategy and tactics in highly competitive manufacturing and retail industries and managed and enhanced process operations in two distinct industries. Mr. O'Connor has recently provided strategic advice on fuels and transportation issues to a number of Provincial governments, several Federal Government departments and foreign governments. Mr. O'Connor has also consulted for a number of companies developing new technologies for alternative fuelled vehicles and companies developing new transportation fuel processes.

Margo Tsirigotis Oge, Director, Office of Transportation and Air Quality Office of Air and Radiation U.S. Environmental Protection Agency, has been instrumental in efforts to reduce air pollution and greenhouse gas emissions from the U.S. transportation sector. With Ms. Oge's guidance, the Environmental Protection Agency finalized three significant mobile source environmental accomplishments: the clean Tier 2 vehicle and gasoline sulfur program, the historic 2007 clean diesel truck and bus program and the clean nonroad diesel engine and fuels program. By reducing over 90 percent of the harmful pollutants emitted from on- and off-road engines, these three programs are estimated to prevent over 26,000 premature deaths and hundreds of thousands of respiratory illnesses each year. Ms. Oge is currently leading the effort to write the first-ever national

greenhouse gas emission standards for cars and trucks, and to finalize the expanded renewable fuel standard. These two rules are significant steps towards improving the sustainability of the U.S. transportation sector. Ms. Oge has been with the Environmental Protection Agency since 1980 and has held various management positions in the Agency. In 2009, Mr. Oge received the California Air Resources Board's Haagen-Smit Clean Air Award for her efforts to protect California air quality and public health. In 2004, Ms. Oge received the Presidential Distinguished Executive Rank Award for her outstanding leadership on environmental transportation issues. She is a previous winner of the Presidential Meritorious Award. In 2002, the Women's Council on Energy and the Environment honored Ms. Oge with its Woman of Achievement Award. Ms. Oge was recognized for her leadership in shepherding the Tier 2 and heavy duty diesel rules to fruition. She was the first nonpolitical appointee to receive this award. Ms. Oge earned her master's degree in engineering from the University of Massachusetts Lowell. She also attended George Washington University and the John F. Kennedy School of Government at Harvard University.

Mike Omotoso is Senior Manager of Global Powertrain Forecasting at J.D. Power and Associates. He is responsible for overseeing the development and maintenance of the global engine and transmission forecast as well as the U.S. Hybrid Vehicle Sales Forecast. He also contributes to the Global Light Vehicle Diesel Sales Forecast. Mr. Omotoso has over 10 years of automotive experience. Before joining J.D. Power, he was a senior market analyst at TI Automotive, a top 100 global automotive component supplier. At TI, Mr. Omotoso was responsible for generating the North American vehicle production forecast, tracking monthly production and inventory, and assisting in the development of the medium term business plan for the Brake and Fuel division. Mr. Omotoso also produced global production reports and consolidated the regional business plans for the HVAC and Brake & Fuel divisions for upper management. In addition, Mr. Omotoso conducted competitive intelligence for TI and maintained the SharePoint site for the TI Automotive Global Commercial Group. Prior to working at TI Automotive, he spent 4 years at Global Insight in Michigan as Technical Research Manager for the Americas. His responsibilities included powertrain forecasting for North America, South America and Australia, as well as component studies covering airbags, navigation and telematics, advanced braking systems, automotive seating and power steering. Before that, Mr. Omotoso was a European powertrain and component analyst for 5 years at DRI in London, England. He was responsible for East and West European powertrain forecasting as well as 6 automotive component databases. Mr. Omotoso was also a key account manager for German powertrain and component clients. In addition to television and radio interviews, Mr. Omotoso has written articles for and been quoted in various newspapers and automotive publications including *Powertrain Analyst*, the *Contra-Costa Times*, *Automotive News*, the *New York Times*, *L.A. Times*, *Business Week*, the *Wall Street Journal* and the *Detroit News*. He received a Bachelor of Science in Electrical and Electronic Engineering from the University of Surrey in the UK and earned his M.B.A. from Boston University. He is a member of the Society of Automotive Engineers and also a member of the Institute of Electrical Engineers. Mr. Omotoso is a British citizen who has lived in England, the United States, Italy and Austria. Mr. Omotoso is fluent in English and also speaks German and Italian.

Christian H. Pedersen serves as Co-Managing Member of Kirk Energy and oversees the day to day operations of the company. His responsibilities generally include: fleet development and support, real estate procurement, corporate presentations, and marketing. Christian is also the acting Vice President & General Counsel for H & O Services, LLC. Based in Findlay, H & O Services specializes in: commercial and industrial waste collection, recycling and materials recovery, over-the-highway trucking, and property management. Prior to his involvement with these firms, Christian practiced law in the Boston area where he specialized in complex commercial litigation. Christian remains an admitted member of the bar in Ohio, Massachusetts, the District of Columbia, and various federal courts.

Joel Pointon became the Manager of Electric Transportation for Sempra Energy's San Diego Gas and Electric when he was hired to "restart" their ET program in 2006. His background prior to this has been in the field of environmental health sciences, in which he has a master's degree, and he has worked in government, private industry and as an independent consultant in that area for 25 years before joining Sempra Energy. He currently serves on the Board of Directors for the California Electric Transportation Coalition and the Electric Drive Transportation Association, as well as Chairperson for the Board of Directors for San Diego's Regional Clean City Coalition and Vice Chair of the San Diego Regional Sustainable Partnership Transportation Committee. He is also an active participant in the Electric Power Research Institute's Infrastructure Working Council for Plug-in Electric Vehicles. Joel currently helps to coordinate a national working group on "Multi-unit Dwelling, Workplace and Public Plug-in Vehicle Charging" for the GM/EPRI/Utility Coalition.

Martin Reineman is an engineer working in the certification and compliance division of the U.S. Environmental Protection Agency (EPA) in their Ann Arbor, Michigan facility. His broad based EPA work experience over many years includes: emission laboratory quality control, regulations development and support, technical liaison for state inspection/maintenance programs and, most recently, working with OEMs and aftermarket fuel converters on certification and compliance activities. He is actively involved in the proposed changes to the EPA policies concerning aftermarket vehicle fuel conversions.

Jim Reynolds is President of A-Z Bus Sales, the largest school bus dealer west of the Mississippi River. Since 2001, Mr. Reynolds has led A-Z Bus Sales to deliver several "firsts" in the school bus industry: first to market with an all electric school bus, first to deliver a CNG-powered school bus, and currently the first and only supplier of a propane-fueled school bus. During the past nine years, Mr. Reynolds has served on the Strategic Advocates Commission in the Transportation sector; is a member of the California Association of School Business Officials, Small Schools District Association, CalACT and California Association of School Transportation Officers. Mr. Reynolds has worked with most major regional Air Districts, the California Energy Commission and the California Air Resources Board to provide industry positions on many state-related clean air programs. In addition, Mr. Reynolds is the Western Regional contributing member of the Blue Bird Corporation Dealer Advisory Council. This Council advises Blue Bird Corporation (one of the oldest and largest school bus manufacturers) on quality, trends, marketplace needs and current and proposed changes to laws and regulations as they pertain to the school bus industry.

Andrew K. Rill serves as the other Co-Managing Member of Kirk Energy with responsibilities for the company's strategy, business development and financial affairs. Andrew is also a Vice President and Owner of Findlay Machine and Tool, Inc., a manufacturer of industrial equipment, machining, fabrication, and engineering services. As a former Senior Manager in Ernst and Young, LLC's Transaction Services Group, Andrew specialized in financial and operational consulting on buy-side acquisitions.

Dr. Johannes-Joerg Rueger is the Senior Vice President, Engineering for Diesel Systems for Robert Bosch LLC. In this position, Dr. Rueger is responsible for all areas of diesel engineering of Bosch in North America including systems engineering, hydraulic components, electrical control units, and exhaust gas after-treatment for both passenger cars and commercial vehicles. His engineering organization is based in Farmington Hills, Michigan and Charleston, South Carolina. Since joining Bosch in 1997, Rueger has held numerous positions with increasing responsibility in the area of diesel systems engineering in Feuerbach, Germany and Vienna, Austria. From 2005 to 2007, he worked as the personal assistant to Dr. Bernd Bohr, member of the board of management and chairman of the automotive group, Robert Bosch GmbH. Rueger received a doctorate in engineering and a degree in economics at the University of Dortmund. The Bosch Group is a leading global supplier of technology and services. In the areas of automotive and industrial

technology, consumer goods, and building technology, some 272,000 associates generated sales of 46.1 billion Euros ($63.2 billion) in fiscal 2007. The Bosch Group comprises Robert Bosch GmbH and its roughly 300 subsidiary and regional companies in over 50 countries. This worldwide development, manufacturing, and sales network are the foundation for further growth. Bosch spends more than three billion Euros each year for research and development and in 2006 applied for over 3,000 patents worldwide. In North America, the Bosch Group manufactures and markets automotive original equipment and aftermarket products, industrial automation and mobile products, power tools and accessories, security technology, thermo-technology, packaging equipment and household appliances. Bosch employs approximately 25,000 associates in more than 80 locations throughout the U.S., Canada and Mexico, with reported sales of $9.5 billion in fiscal 2007.

Dean Saito
Dean Saito is currently the Manager of Mobile Source Strategies within the Mobile Source Division at the South Coast Air Quality Management District (SCAQMD) in Diamond Bar, California. Prior to joining the SCAQMD in 2004, Mr. Saito was Chief of Smog Check Operations at the Bureau of Automotive Repair and has over 25 years of experience at the California Air Resources Board in various functional areas, including air quality planning, enforcement and rule development. At the SCAQMD, Mr. Saito's primary responsibility is the implementation of the District's Fleet Rules and development of mobile source strategies for Air Quality Management Plan purposes.

Jay Sandler, Vice President of Azure Dynamics Corp., has been in the commercial truck and bus business and truck components business for 38 years. Jay started his career as an engineering co-op with Eaton Corporation. For the past 30 years he has held a variety of engineering, sales and senior sales management and general management roles in the industry. Jay joined Azure Dynamics in May 2008 as Vice President - Sales after nine years as Vice President - Commercial Products at Navistar's Workhorse Custom Chassis Division. Prior to Workhorse he was Vice President of Bering Truck Corporation. Sandler spent 25 years at Rockwell Automotive in roles including Vice President of Rockwell WABCO Vehicle Control Systems (now Arvin Meritor) and Director of Rockwell's North American Field Operations. Jay holds an associate's degree in automotive technology from the State University of New York at Morrisville, a bachelor's degree in automotive engineering from Western Michigan University and an M.B.A. from Central Michigan University. He and his wife Patty currently live in the northern suburbs of Detroit, Michigan, but he was originally a native of Long Island, New York.

Paul B. Scott, Sc.D. has developed hydrogen systems since 1994 and serves as Chief Scientific Officer for ISE. He received his degrees from MIT, and served on the engineering professorial staff of MIT and USC.

Kevin J. Shrier, Senior Vice President of The Parking Spot, is responsible for acquisitions and operations where he has been a lead contributor to the company's growth and success for 12 years. Prior to joining TPS, Shrier was an Equity Partner at Jones Lang LaSalle, a leading real estate investment management company. One of Shrier's primary roles at JLL was serving as a land acquisition and disposition specialist where he successfully led over $ 1 billion in transactions. Shrier has a master's degree in finance and marketing from the J. L. Kellogg Graduate School of Management at Northwestern University and a bachelor's degree in economics and accounting from Albion College in Albion, Michigan. Kevin is an active member of the Urban Land Institute, The National Parking Association and the International Parking Institute.

Dennis A. Smith, P.E., C.E.M. is the Technology Deployment Manager for DOE's Office of Vehicle Technologies at the U.S. DOE headquarters office in Washington, D.C. He also serves as the National Clean Cities Director, working with the network of nearly 100 Clean Cities Coalitions across the country. His duties include working closely with truck and auto manufacturers, fuel

providers, state and regional governments, national laboratories, public safety officials and other key stakeholders to expand the use of alternative fuels and other petroleum reduction technologies and practices in the transportation sector. Mr. Smith is a registered Professional Engineer and a Certified Energy Manager and has been working in the energy industry for nearly 30 years. Prior to working at DOE, Mr. Smith served as Director of Energy Services at Atlanta Gas Light Company (AGLC), a large utility company based in Atlanta, Georgia. During his 20 years at AGLC he specialized in introducing new energy and environmental technologies to private industry and the general market place. From 1992-96 Mr. Smith served as President of the American Gas Association's Olympic Clean Air Team, which was responsible for the fleet of 600 natural gas powered buses, trucks, and other vehicle types that were used to support the 1996 Summer Olympic Games in Atlanta, Georgia.

Sam Spofforth has served as Executive Director of Clean Fuels Ohio since the organization's founding in 2002. Under Spofforth's leadership, Clean Fuels Ohio has become the largest U.S. Department of Energy Clean Cities coalition in the U.S. and Ohio's "go to" resource for cleaner fuels, vehicles and energy-saving transportation technologies that reduce climate change, increase American energy security and strengthen Ohio's economy. He also serves as Chairman of Transportation Energy Partnership, a national non-profit focused on advancing advanced transportation technology deployment by strengthening the Clean Cities program and the efforts of Clean Cities coalitions across the country. The DOE selected Spofforth as Midwest Clean Cities Coordinator of the Year in 2004. He earned DOE national Clean Cities Coordinator of the Year honors in 2007. Clean Fuels Ohio was named a "Clean Air Champion" in by Mid-Ohio Regional Planning Commission in 2007. In 2008 General Motors selected Clean Fuels Ohio as their top "Clean Cities Rewards" winner. They also earned "Outstanding Project" award from Ohio Environmental Education Fund in 2008. Clean Fuels Ohio also was selected by the Environmental Education Council of Ohio for their 2010 Ohio Alliance for the Environment Award. Spofforth holds a Bachelor's degree from Hiram College and a Masters in Public Administration from the University of Pennsylvania. He and his family live in Columbus.

Tim Standke became the Director of Automotive Operations at IMPCO Technologies, Inc., in August of 2008, after beginning his tenure with IMPCO in 1993. Mr. Standke started at IMPCO's Research and Development Center in Tukwila, Washington developing alternative fuel engine management systems and components. In 1999, he was promoted to the position of technical manager for IMPCO Australia and in 2001 he became the manager for control systems at the newly constructed IMPCO Global Research and Development Division. In mid-2003, Mr. Standke formed UMI Controls, Inc., of Washington to develop hydrogen combustion technologies and waste-to-energy systems. He continues to consult in the energy production industry today. Mr. Standke graduated from Willamette University in 1988 receiving a bachelor's degree in Physics, Mathematics and Computer Science. He built his automotive background at General Motors Research in Warren, Michigan working for Electronic Data Systems. There he developed real-time vehicle simulation systems for the various GM Platform groups from 1989 to 1993.

Dr. Mary Beth Stanek is the Director of Energy and Environment Policy and Commercialization for General Motors LLC. Dr. Stanek is responsible the for planning and execution of GM's global fuel cell vehicle demonstration programs and business development for the Chevrolet Volt and fuel cell infrastructure initiatives related to GM's electrically driven vehicles. Mary Beth continues to lead bio-based fuel policy and marketing development in support of global biofuel expansion, including partnership management with Coskata and Mascoma. In addition to Dr. Stanek's position at General Motors, she is also a frequent contributor to MCB University Press. Her articles can be found in *Management Decision*, *European Business Review*, *Journal of Workplace Learning* and *Management Research News*. Dr. Stanek was a 2002 recipient of the Wall Street Journal

Achievement award and is a Renewable Fuel Commissioner for the State of Michigan. Dr. Stanek is on the Institute for Physical Research and Technology Board at Iowa State. Dr. Stanek holds a Doctor of Business Administration from the University of Sarasota. Her concentration areas are international business, alliances and partnerships.

Jeffrey A. Tews is the Fleet Operations Manager for the City of Milwaukee. He has over 30 years experience in fleet operations, including 27 years in fleet management. He is currently responsible for all fleet activities including operations, repairs and administration of the City's Fleet Services Section, with a $26 million operating budget and a fleet replacement value of $146 million. Jeff has administered the City's alternative fuel program since 1992. He was a contributing writer for the American Public Works Association (APWA) book "Public Works Administration", and co-authored the APWA informational booklet, "Spec Writing 101".

Francis X. Vogel is the Executive Director of Wisconsin Clean Cities – Southeast Area, a Milwaukee-based nonprofit organization that promotes cleaner air and energy security through alternative fuel development and related strategies. In this capacity, Mr. Vogel serves on the Wisconsin Clean Diesel Coalition, the Steering Committee of the Wisconsin Partners for Clean Air and is the former North Central Region representative to the Clean Cities Coordinator Council. He is the Vice-Chair of a related national organization, Transportation Energy Partnership, and was a member of the Wisconsin Governor's Global Warming Task Force Transportation Work Group. Formed in 1994, Wisconsin Clean Cities is one of 86 such coalitions nationwide designated through the U.S. Department of Energy Clean Cities Program. Mr. Vogel's current project involvement through Wisconsin Clean Cities includes serving as a key partner with the Wisconsin Office of Energy Independence on two new initiatives funded through the national Clean Cities Program. The Wisconsin Clean Transportation Program, a $32 million effort, will enable 33 local government and private business fleets across the state to invest in 340 alternative fuel vehicles and the advanced infrastructure to support this technology, including biodiesel, compressed natural gas (CNG) vehicle infrastructure and solar infrastructure for automobile use. A related initiative, the Biofuels Retail Availability Improvement Network (BRAIN) Program, will fund the installation of some 27 E85 and biodiesel retail locations around the state, and support the installation of biodiesel blending equipment at three terminals. Mr. Vogel likewise managed the Fleet Training on Eco-Driving Project from 2007-09, a unique initiative that demonstrated fuel savings – and commensurate air quality benefits – by the two fleets selected for participation. Mr. Vogel is also a nonprofit management consultant with 19 years professional experience as a consultant or staff person. His broad range of technical assistance to nonprofit groups includes Board of Directors training, strategic planning and fund development. He is a 2006 graduate of the Nonprofit Management Fund's Diagnostic Clinic Consultant Institute and a 2007 graduate of the Fund Development Institute. Mr. Vogel's volunteer involvement includes Chairing the Governance Council for his daughters' elementary school, La Escuela Fratney. He was also the Chairman and Secretary/Treasurer for the YMCA of Metropolitan Milwaukee – Holton Youth Center's Board of Managers, where he received the 2000 Volunteer of the Year – Distinguished Service Award. Mr. Vogel earned a Bachelor of Arts from the University of Wisconsin (UW) - Madison in 1981, where he also took substantial Master of Arts coursework in Public Policy and Administration.

Charlie Vogelheim has been involved in the Automotive Industry for 25 years. As the Executive Editor at IntelliChoice.com he is responsible for all aspects of the ongoing success and growth of the website. IntelliChoice created and provides cost of ownership information for consumers and identifies those vehicles that are the best overall value. As alternative fuel drive-trains become more prevalent the complexities of ownership costs escalates. IntelliChoice is more essential to help consumers choose wisely when buying a car. IntelliChoice.com is part of the Motor Trend Automotive Group. In order to study trends, maintain contact with industry executives, and further product familiarity, he travels worldwide attending most International Motor Shows and auto industry

conventions. Charlie is often a featured speaker at automotive seminars, educational meetings and media interviews. He has been a regular correspondent on Motor Trend Radio's weekly show, an auto industry commentator for televised business news, and contributes to numerous automotive publications and blogs. Prior to IntelliChoice.com, Charlie worked at JD Power and Associates and Kelley Blue Book. At JD Power, Charlie was responsible for the International Automotive Roundtable, the premier forum for industry leaders and executives to share and discuss market forces affecting the automotive industry. He also worked with the drive-train research team studying alternative fuel development. During Charlie's 20 years at Kelley Blue Book, he served as a key member of its management team. He was the executive editor of Kelley Blue Book's extensive used-vehicle database, the cornerstone to all of the company's products, including books, software and website: www.kbb.com. He was instrumental in helping to change the Kelley identity from a regional trade publishing company to the automotive industry's leading internet information provider. Charlie earned a bachelor's degree in economics from Gonzaga University in Spokane, Washington. His education included one year abroad studying the formation of the Common Market/European Union. Immediately following college, he pursued an interest in aviation, including several years as a commercial pilot, flight instructor, ground school teacher, flight club manager, Alaskan floatplane bush-pilot and one year as an air traffic controller.

Jerome Webber, Vice President – Fleet Operations, AT&T Operations, Inc., is responsible for the AT&T enterprise-wide policy, strategy and operating effectiveness for Fleet Operations, an organization present in all 50 states and 36 countries internationally. Prior to being appointed to his current position, he served as Assistant Vice President – Outside Plant Construction & Engineering Support and was responsible for providing 22-state support to the regional OSP C&E organizations. This support included new technology evaluation, developing methods and procedures, capital deployment policies, process improvement and various operational initiatives. In addition, his organization provided project management leadership for several key initiatives, i.e. Fiber to the Cell Site, Next Generation OSP Engineering, Cable Mining and support of Project Lightspeed. He previously served as Executive Director – Construction & Engineering, SBC Southwest. In this position he had responsibility for all outside plan construction and engineering activities for Missouri, Oklahoma, Kansas and Arkansas. Jerome also served as Director – Local Operations Center, SBC Southwest, where he was responsible for all Competitive Local Exchange Carriers provisioning and maintenance issues for the entire SBC Southwest region. Jerome began his career in 1986 in St. Louis, Missouri, as an Installation & Repair Manager. He has held several positions in network services, technology planning, product development, HR and procurement during his 24-year tenure with AT&T. He has served on the Board of Directors for Junior Achievement; University of Missouri-Rolla's Corporate Development Council, Minority Engineering Council and has been involved with several non-profit philanthropic organizations, i.e., United Way, Crisis Pregnancy, YMCA and San Antonio Lighthouse for the Blind. He is a 1982 graduate of the University of Missouri-Rolla, where he earned a B.S. degree in electrical engineering. Later he attended graduate school at Webster University in St. Louis, Missouri. Jerome and his wife Judi have three children, Erica, Jared and Justin and reside in West St. Louis County.

Steve Whaley is a member of the Alliance AutoGas Research & Development team for Blossman Gas, the nation's largest independent propane company, and an Alliance AutoGas founding partner. The principal focus of his work with Alliance is promoting propane AutoGas as a clean alternative motor fuel for on and off-road engine platforms. Whaley has been integral to Blossman and Alliance AutoGas' research, testing and implementation efforts for public and private fleets across numerous industries. Steve has worked with fleets to secure federal funding for AutoGas vehicle conversions and fueling, through partnerships with Carolina Triangle Clean Cities and Virginia Clean Cities (VCC). Together with VCC, Alliance fleets were awarded over $9 million, fully funding conversions for nearly 1,200 vehicles and helping create green collar jobs under the American Reinvestment and Recovery Act. Steve and his family currently reside in Greenville,

South Carolina. He received a B.S. from Virginia Tech and a master's degree in industrial education from Clemson University. Steve was also honored with lifetime teaching credentials from the state of California. He is a frequent speaker at regional, as well as national, alternative energy transportation programs and conferences.

Thomas S. Whipple is currently the Fellow of the Post Carbon Institute, Editor of the *Peak Oil News*, the *Peak Oil Review*, and the *Peak Oil Notes* (the daily and weekly publications of the Association for the Study of Peak Oil-USA), Editor of the Va News (a daily compilation of newspaper stories dealing with politics and policy in Virginia), and Columnist for the *Falls Church News Press*, writing a weekly column dealing with many aspects of the peak oil crisis. Prior to that, Mr. Whipple was an Analyst with the Central Intelligence Agency from 1964 to 1994 and Counterintelligence Officer for the US Army 1962-1964. Mr. Whipple graduated from Rice University in Houston, Texas and the London School of Economics in London, England. He is married to Virginia State Senator Mary Margaret Whipple -- Chair, Democratic Caucus Senate of Virginia; Chair of the Virginia General Assembly's Energy and Environment Commission. Tom Whipple is a retired CIA analyst who has been following the peak oil story for the last ten years. In 2005 he began writing a weekly column on peak oil for the *Falls Church News Press*. When the Association for the Study of Peak Oil-USA was formed in the fall of 2005, he became editor of their daily and weekly publications.

Robert White is director of market development for RFA, a non-profit trade organization that serves as the voice of the ethanol industry, providing advocacy, authoritative analysis, and important industry data to its members, Congress, federal and state government agencies, strategic partners, the media and other opinion-leader audiences. As director of market development, Mr. White leads the effort to increase the availability and consumption of higher blends of ethanol, along with consumer education and marketing. He works with petroleum marketers and retailers, state and federal agencies, fleets and consumers. He is also a sought after technical expert for the ethanol industry on ethanol-blended fuels. Robert has served on various boards of directors and advisory committees. Robert is also a veteran of the U.S. Army, and holds two degrees, one in Foreign Languages and another in Agricultural Economics.

Chris Wiley is the Green Fleets Coordinator for the City of Seattle, and is responsible for formulating policy and making key logistical and technical decisions that drive the introduction of alternative fuels and vehicles in the City's 4,000 vehicle fleet. Chris brings diverse stakeholders – vehicle operators, departmental managers, purchasers, engineers and policy makers – together to identify opportunities and develop strategies to reduce petroleum fuel use and subsequent greenhouse gas emissions. The City of Seattle's fleet has won several fleet awards and is a 4-star certified Evergreen Fleet.

Brian Wynne was appointed President of the Electric Drive Transportation Association in April 2004. He acts as chief staff executive of this member-based international organization, which promotes battery, hybrid, plug-in and fuel cell vehicles and infrastructure. Mr. Wynne brings in-depth experience in transportation and technology applications gained in leadership roles in trade associations and public-private partnerships. Mr. Wynne previously served as Senior Vice President for business and trade at the Intelligent Transportation Society of America. Prior to that role, he led a global technology association as CEO of AIM International, Inc. Mr. Wynne started his career as a legislative assistant to US Senator Charles Percy and has served on several not-for-profit Boards. He holds a bachelor's degree from the University of Scranton and a master's degree from the School of Advanced International Studies, Johns Hopkins University.

Carla R. York has more than 18 years experience in the areas of advanced public transportation, clean fuel technology applications and the technology required to operate such systems. She has

worked in positions of business development, sales, program management and federal relations. Over the past decade she has been responsible for the management of more than $30 million in programs for various federal government entities. Since 2005, York has served as the founder and Chief Executive Officer of Innovation Drive (ID), a business accelerator specializing in the commercialization of public transportation, military and other forward-looking, progressive technologies in both stationary and mobile applications. In addition to coalition building for these and other proprietary projects, a key component of all of York's initiatives has been aggressive education within the alternative energy space including consumers, customers, management and regulatory bodies. She has organized and publicized various electric, hybrid vehicle and advanced technology developments, demonstrations and education programs at the local, regional, state and federal levels. Her programs are dedicated to research, education, real-time testing and data acquisition, and further implementation, facilitated in part via the acquisition and coordination of federal funding through various technology transfer programs. She is a previous board member of several US DOE Clean Cities Coalitions and currently serves as an advisor to two designated Coalitions. She currently serves on the Board of Directors for a green building technology company located in the southwest United States. Carla earned her B.A. in Business Management and Business Administration from McKenzie College in Chattanooga, Tennessee and also studied at Covenant College in Lookout Mountain, Georgia.