



ALTERNATIVE TRANSPORTATION FUELS

Session VII– Infrastructure

9:00 AM – Noon

Thursday, May 17, 2007

Speaker Biographies

Douglas Arent, Director, Strategic Analysis, NREL and Visiting Fellow, Energy and National Security Program, CSIS

Doug Arent specializes in strategic planning and financial analysis competencies; clean energy technologies and energy and water issues; and international and governmental policies. Arent also has expertise in the strategic market management, product planning and risk portfolio management. In addition to his NREL responsibilities, Dr. Arent serves on a variety of advisory boards and councils, including the Advisory Board of E+Co, the Energy and Environmental Security Institute, University of Colorado, and he chairs the Quantitative Work Group in support of the Clean and Diversified Energy Advisory Council of the Western Governor's Association. Prior to joining NREL, he was a management consultant to clean energy companies, providing strategy, development and market counsel. Arent also was director of OEM sales and director of strategic marketing and business development at Network Photonics; director of Media Gateway Products and strategic planning manager at Lucent Technologies; and vice president of business development for Amonix Inc. Doug Arent is part of the Executive Education Program at Harvard Business School. He has a master's in business administration from Regis University, a Ph.D. from Princeton University, and a bachelor's of science from Harvey Mudd College in California

Charles Banks, President, R.L. Banks, and Associates, Inc. (RLBA)

Charles H. Banks earned an MBA from the Wharton School of the University of Pennsylvania with concentrations in Finance and Transportation after receiving a BA in Economics from Haverford College. He worked in the Operating, Marketing, Finance and Strategic Planning Departments of five railroads and a federal government rail agency before joining R.L. Banks & Associates, Inc. in 1985. Since then, Mr. Banks and his firm have examined the economics associated with contracting, pricing and operating bulk commodity unit train movements on behalf of numerous agricultural, coal, aggregate, municipal solid waste and other bulk shippers, supporting many rail customers through the execution of complex negotiations and strategies to procure superior rate, service and access terms from Class I, regional and short line railroads.

Charles Drevna, Executive Vice President, National Petrochemical & Refiners Association (NPRA)

Charlie Drevna has close to 30 years of technical, business and public policy management experience in the refining, petrochemical, and coal industries. Prior to joining NPRA in May 2002 as Technical Director, he had served as Manager, Northeast Government Relations for Tosco Corporation, Director, Government and Regulatory Affairs for the Oxygenated Fuels Association, and as a Manager of Public and Government Affairs activities for Sun Company (now Sunoco) and its affiliates. Mr. Drevna received a B.S. in Chemistry from Washington & Jefferson College and did graduate studies in Chemistry at Carnegie-Mellon University.



Shirley Neff, President and Chief Executive Officer, Association of Oil Pipelines (AOPL)

Ms. Neff joined AOPL in November 2006. Prior to joining the Association Ms. Neff was Adjunct Lecturer and Research Scholar at the Center for Energy, Marine Transportation and Public Policy (CEMTPP) in the School of International and Public Affairs at Columbia University in New York. Ms. Neff was the economist for the U.S. Senate Committee on Energy and Natural Resources from 1993-1996 and from 1999-2003. While on the staff of the Committee, she was responsible for oil and gas policy, international energy security, renewable energy, climate change, and energy tax matters. In addition to her Senate career she has extensive private and public energy sector experience having been senior Governmental Affairs Director for Royal Dutch Shell and held a similar position at the Interstate Natural Gas Association of America. Ms. Neff also serves on the advisory board of the Center for Energy Economics at the Bureau of Economic Geology, University of Texas at Austin. She holds a BS in Economics from Iowa State University and a MS in Economics from the University of Wisconsin - Madison. She is the Past President and Senior Fellow of the United States Association for Energy Economics (USAEE).

Erik Peterson, Senior Vice President; William A. Schreyer Chair in Global Analysis; Director, Global Strategy Institute, CSIS

Erik Peterson is senior vice president at CSIS and holds the William A. Schreyer Chair in Global Analysis, an endowed position named in honor of the Merrill Lynch chairman emeritus and CSIS Executive Committee member. He is also director of the Center's Global Strategy Institute, the mandate of which is to assess long-range policy challenges and opportunities. In addition, he leads the Seven Revolutions Initiative, a broad-based effort to forecast key trends out to the year 2025. From 1993 to 2003, Mr. Peterson served as director of studies at CSIS. In that capacity, he was responsible for the planning and development of the wide range of research projects at the Center. Mr. Peterson came to the Center from Kissinger Associates, where he was director of research. He holds an M.B.A. in international finance from the Wharton School at the University of Pennsylvania, an M.A. in international law and economics from the School of Advanced International Studies at the Johns Hopkins University, and a B.A. from Colby College.

Frank Verrastro, Director and Senior Fellow, Energy and National Security Program, CSIS

Frank Verrastro has extensive energy experience, having spent 25 years in energy policy and project management positions in the U.S. government and the private sector. His government service includes staff positions in the White House (Energy Policy and Planning Staff) and the Departments of Interior (Oil and Gas Office) and Energy (Domestic Policy and International Affairs Office), including serving as director of the Office of Producing Nations and deputy assistant secretary for international energy resources. In the private sector, Mr. Verrastro has served as director of refinery policy and crude oil planning for TOSCO (formerly the nation's largest independent refiner) and more recently as senior vice president for Pennzoil. Prior to joining CSIS in the fall of 2003, he served as senior policy adviser at the law firm of Vinson & Elkins, working with the firm's task force on Iraq reconstruction. Mr. Verrastro holds a B.S. in biology/chemistry from Fairfield University, a master's degree from Harvard University, and he completed the executive management program at the Yale University Graduate School of Business and Management.