

bios

Dr. John A. Anderson **ELCON**

Dr. Anderson is the President and CEO of the Electricity Consumer Resource Council (ELCON). He joined ELCON in 1980 and was named Executive Director in 1984. He has presented papers and spoken extensively on a wide range of electricity issues of importance to large industrial firms. Dr. Anderson holds both M.S. and Ph.D. Degrees from the University of Florida with concentration in public utility and industrial organization.

Thomas C. Anderson **Baker & O'Brien, Inc.**

Mr. Anderson is a Vice President of Baker & O'Brien, an independent consulting firm specializing in technology, economics, and management practices for the international oil, gas, chemical, and related industries with offices in Dallas and Houston. Mr. Anderson's focus at Baker & O'Brien includes mergers and acquisitions, plant performance evaluations and initiatives, crude and products distribution and trading, and strategic security studies. He has over thirty five years experience in the petroleum industry, including stints at Gulf Oil, Mobil Oil, Saudi Aramco, and Solomon Associates, an energy industry consulting firm, where as Vice President he directed performance evaluations and improvement initiatives on refineries and chemical plants throughout the world. Mr. Anderson holds a BS degree in Chemical Engineering from Texas A&M University and an MBA from Lamar University.

Douglas J. Arent **National Renewable Energy Laboratory (NREL)**

Dr. Arent is NREL's Director of Strategic Energy Analysis. He specializes in strategic planning and financial analysis competencies; clean energy technologies and energy and water issues; and

international and governmental policies. Dr. Arent also has expertise in the strategic market management, product planning and risk portfolio management. In addition to his NREL responsibilities, Dr. Arent is on the Advisory Board of E+Co, a public purpose investment company that supports sustainable development across the globe. He is also on the Advisory Board of the Energy and Environmental Security Institute at the University of Colorado and is the chair of the Quantitative Work Group in support of the Clean and Diversified Energy Advisory Council of the Western Governors' Association. He is a Senior Visiting Fellow at the Center for Strategic and International Studies. Dr. Arent has a Ph.D. from Princeton University, an M.B.A. from Regis University, and a B.S. from Harvey Mudd College.

David Austin **Congressional Budget Office (CBO)**

Dr. Austin conducts research in the areas of environmental and technology policy in the Microeconomic Studies Division of CBO. He has been at CBO for almost 6 years, and was at Resources for the Future for 8 years. His current work is on the effects of gasoline prices on driver behavior and on prices and shares in the passenger-vehicle market. He has done extensive work on the costs of fuel-economy standards and of the gasoline tax. In the past, Dr. Austin has also done research on liability policy and toxic emissions; Clean Air Act regulations; consumer benefits of new technologies; and spatial allocation of emissions controls. Dr. Austin is a past Secretary of the Association of Environmental and Resource Economists and has been on Georgetown's adjunct faculty. He received his B.S. in Mathematics from Stanford University, an M.A. in Statistics from Yale University, and a Ph.D. in Economics from the University of California, Berkeley.

Admiral Dennis Blair, USN (Ret.) **Energy Security Leadership Council**

Prior to retiring in 2002, Admiral Dennis Blair served as Commander in Chief, U.S. Pacific Command, the largest of the combatant commands. During his 34-year Navy career, Admiral Blair served on guided missile destroyers in both the Atlantic and Pacific fleets and commanded the Kitty Hawk Battle Group. Ashore, he served as Director of the Joint Staff and as the first Associate Director of Central Intelligence for Military Support at the CIA. He has also served in budget and policy positions on the National Security Council and several major Navy staffs. A 1968 graduate of the U.S. Naval Academy, Admiral Blair earned a master's degree in History and Languages from Oxford University as a Rhodes Scholar, and served as a White House Fellow at the Department of Housing and Urban Development. He has been awarded four Defense Distinguished Service Medals and has received decorations from the governments of Japan, Thailand, Korea, and Australia.

Secretary Samuel Bodman **Department of Energy (DOE)**

Secretary Bodman leads DOE as the Secretary of Energy. He was sworn in on February 1, 2005 after unanimous confirmation by the Senate. Previously, Secretary Bodman served as Deputy Secretary of the Treasury since February 2004. He also served as Deputy Secretary of the Department of Commerce beginning in 2001. Secretary Bodman is a financier and executive by trade, with three decades of experience in the private sector. He began his career as an Associate Professor of Chemical Engineering at MIT for 6 years and commenced his work in the financial sector as Technical Director of the American Research and Development Corporation. In 1983 he was named President and COO of Fidelity Investments and a Director of the Fidelity Group of Mutual Funds. In 1987, he joined Cabot Corporation, a Boston-based Fortune 300 company with global business activities in specialty chemicals and materials, where he served as Chairman, CEO, and a Director. He is a former Director of MIT's School of Engineering Practice. Secretary Bodman graduated from Cornell University in 1961 with

a B.S. in Chemical Engineering and completed his Sc.D. at MIT in 1965.

Theodore Bolema **Central Michigan University**

Theodore Bolema is a Professor in the College of Business Administration at Central Michigan University. He is also a member of the Board of Scholars of the Mackinac Center for Public Policy in Midland, MI, where he has frequently written and spoken on electricity restructuring in Michigan. He previously was an attorney with the Antitrust Division of the United States Department of Justice and with Weil, Gotshal and Manges, LLP. He also served as a Special Assistant United States Attorney for the Eastern District of Virginia and as an Adjunct Professor at the George Mason University School of Law. He holds a Ph.D. in Economics from Michigan State University and a J.D. from the University of Michigan Law School.

Walter F. Brockway **Alcoa, Inc.**

Mr. Brockway is the Regulatory Affairs Manager for Energy at Alcoa, Inc., in Knoxville, TN. He is responsible for oversight of energy affairs at the Federal, regional and state levels. He has held various energy and power roles at Alcoa for the past 22 years, including Power and Engineering Manager at the Alcoa Massena Operations. He also served as Corporate Energy Manager, responsible for facility electricity supply arrangements, and started the Alcoa energy efficiency network. He was Manager of Hydroelectric Operations where he managed operating and modernization assets and the relicensing of two FERC hydroelectric projects. Prior to joining Alcoa, Mr. Brockway was employed by GE's Nuclear Energy Business Operations and Niagara Mohawk Power Corp. He attended Clarkson University where he received both a B.S. and M.S. in electrical engineering.

Michelle M. Burtis **Cornerstone Research**

Dr. Burtis is an economist with extensive experience in antitrust and intellectual property matters, applying

economic analysis to the competitive effects of mergers and joint ventures, alleged horizontal conduct such as price fixing and market allocation, and alleged claims of attempted monopolization including predation, exclusive dealing, tying, and bundled pricing. Her analysis has covered a wide range of energy industries including crude oil, refining, gasoline marketing, and natural gas markets. Dr. Burtis has given expert testimony in federal and state courts and in arbitration proceedings. She has provided economic analyses related to the competitive effects of mergers to the FTC and DOJ, and has also provided economic advice to companies in matters unrelated to litigation. Dr. Burtis has published articles on antitrust and intellectual property issues and taught economics at both the undergraduate and graduate level.

James Bushnell

University of California Energy Institute

Dr. Bushnell is the Research Director of the University of California Energy Institute and a lecturer at U.C. Berkeley's Haas School of Business. He is also the co-director of the Center for the Study of Energy Markets at UC Berkeley, an independent research center dedicated to the analysis of economic and policy issues related to energy markets. He has written extensively on the regulation, organization, and competitiveness of energy markets. Dr. Bushnell has served as a member of the Market Monitoring Committee of the California Power Exchange and is currently a member of the Market Surveillance Committee of the California Independent System Operator (CAISO). He has also testified on regulatory and competition policy issues before numerous state and Federal regulatory and legislative institutions and consulted on energy issues throughout the U.S. and internationally. He received a Ph.D. in Operations Research from Berkeley in 1993.

Jeffrey R. Currie

Goldman Sachs

Dr. Currie is the Global Head of Commodities Research in the Global Investment Research division of Goldman Sachs, where he conducts research on

commodity market dynamics in the context of corporate risk management programs, short- and long-term commodity investment strategies, and asset allocation. He joined Goldman Sachs in 1996 and became a managing director in 2002. Prior to joining the firm, Dr. Currie taught undergraduate and graduate-level courses in Microeconomics and Econometrics at the University of Chicago and served as the associate editor of *Resource and Energy Economics*. He also worked as consulting economist, specializing in energy and other microeconomic issues, at Ernst and Young, LLP and Economic Insight, Inc. He has advised numerous government agencies in the United States, the EU and Russia. Dr. Currie earned a Ph.D. in Economics from the University of Chicago in 1996.

David W. DeRamus

Bates White

Dr. DeRamus is a Partner and founding member of Bates White, a consulting firm offering services in economics, finance, and business strategy to leading law firms, FORTUNE 500 companies, and government agencies. He specializes in financial and quantitative modeling, antitrust analysis, pricing analysis, and valuation. Dr. DeRamus has extensive experience in the application of quantitative methods and economic analysis to a wide range of business problems, including antitrust issues, issues related to the energy industry, contract disputes, and other commercial litigation. Dr. DeRamus has testified before the Federal Energy Regulatory Commission and state regulatory agencies in various proceedings involving market power, acquisitions, market-based rate authority, and related policy matters. He has also served as a testifying and consulting expert in a wide range of antitrust cases, breach of contract cases, and other commercial litigation. Dr. DeRamus received a Ph.D. in Economics from the University of Massachusetts, Amherst.

Roger Diwan

PFC Energy

Mr. Diwan is a partner, head of Financial Advisory, and a member of PFC Energy's Corporate Advisory practice.

He is responsible for developing PFC's relationship with the financial community and structuring PFC offerings and services to the needs of the money managers focused on energy. His specific areas of expertise include the geopolitics of energy, with particular focus on the Middle East; crude oil market analysis and price forecasting; and petroleum risk and mitigation strategies for oil companies. Mr. Diwan has been at PFC Energy since 1996. From 1996-2005, he led the Market Analysis team and practice, where he focused on the oil market's physical and paper fundamentals. From 1998-2005, he was the managing director of the Markets and Countries department, leading oil market analysis and country risk teams. Prior to joining PFC Energy, he was a senior oil analyst at Energy Security Analysis. Mr. Diwan holds an M.A. in International Relations from the School of Advanced International Studies at Johns Hopkins University, a M.A. in International Relations from the Institut d'Etudes Politiques of Paris, and a B.A. in History from the Sorbonne University in Paris.

John Felmy
American Petroleum Institute (API)

Dr. Felmy is the Chief Economist of API. He is responsible for overseeing economic, statistical and policy analysis of the Institute. He has over twenty-five years experience in energy, economic and environmental analysis. He received B.S. and M.S. in Economics from Pennsylvania State University and a Ph.D. in Economics from University of Maryland. Dr. Felmy is also a member of several professional associations including the American Economics Association, the National Association for Business Economics and the International Association for Energy Economics.

Mark W. Frankena
Federal Trade Commission

Dr. Frankena is the Deputy Director for Antitrust in the Bureau of Economics at the FTC. He joined the FTC in 1982, where he worked on antitrust matters and held his current position. In 1988, he joined an economics consulting firm, specializing in economic analysis

for antitrust litigation. He testified on the competitive effects of numerous electric utility mergers at FERC and elsewhere on behalf of a diverse group of clients, and he authored or coauthored a book and a number of articles on the assessment of market power in the electric power industry. Dr. Frankena returned to the FTC in 2001 and resumed the Deputy Director position. He supervises approximately 60 economists, financial analysts, and research analysts. He received a B.A. in Economics from Swarthmore College and a Ph.D. in Economics from MIT. He was also formerly a tenured faculty member of the Department of Economics at the University of Western Ontario.

Darius W. Gaskins, Jr.
Energy Policy Research Foundation, Inc.

Dr. Gaskins is a partner in Norbridge, Inc., a consulting firm. He previously was a partner in High Street Associates, Inc., an investment group, from 1991-2002, and was President and CEO of Burlington Northern Railroad from 1985-89. Dr. Gaskins also held several government positions: he was Chairman of the Interstate Commerce Commission (1980-81), Deputy Assistant Secretary for Policy Analysis in the Department of Energy (1978-79), Director of the Office of Economic Analysis of the Civil Aeronautics Board (1977-78), and Director of the Bureau of Economics at the FTC (1976-77). He taught economics at University of California, Berkeley and was a Visiting Professor in the Center for Business and Government at the Kennedy School of Government. Dr. Gaskins is also Chairman of the Energy Policy Research Foundation (EPRINC) and serves on the Board of Directors of Sapient Corporation. He earned his Ph.D. in economics from the University of Michigan.

David J. Gilles
Godfrey & Kahn, S.C.

David J. Gilles is a shareholder with Godfrey & Kahn, S.C., in Madison, WI, and is a member of the firm's Energy, Antitrust and Trade Practice groups. Mr. Gilles served as General Counsel for the Public Service Commission of Wisconsin from January, 2003, to January, 2007. As General Counsel, Mr. Gilles was

responsible for all legal matters affecting the agency. Previously, he served as an Assistant Attorney General in the Wisconsin Department of Justice assigned to consumer protection and antitrust matters. Mr. Gilles also participated in efforts of the National Association of Attorneys General Consumer Protection and Antitrust Subcommittees to address competitive and consumer protection issues that emerged with deregulation of telecommunications services.

Craig Glazer **PJM Interconnection**

Mr. Glazer serves as the Vice President--Federal Government Policy for PJM Interconnection and heads PJM's Washington, DC office. In this capacity, he coordinates all of PJM's regulatory and legislative policies before Congress, the Federal Energy Regulatory Commission, the United States Department of Energy and other federal agencies. Prior to coming to PJM, Mr. Glazer served as Commissioner and Chairman of the Public Utilities Commission of Ohio. He frequently testified before Congress and the Federal Energy Regulatory Commission on development of Regional Transmission Organizations and the needs of the marketplace. He currently serves on the Board of Directors of the Northeast Midwest Institute, a bipartisan research arm of the Northeast and Midwest region's Congressional delegations. Mr. Glazer is a graduate of the University of Pennsylvania and the Vanderbilt University School of Law.

Rob Gramlich **American Wind Energy Association**

Mr. Gramlich is Policy Director of the AWEA the national association of companies building, owning, and manufacturing wind energy facilities. Mr. Gramlich leads the association's efforts related to transmission, regulatory policy, policy analysis, and electric markets. He was the Economic Advisor to FERC Chairman Pat Wood, III from 2001 until 2005, where he developed policies related to Regional Transmission Organizations, market design, and market power monitoring and mitigation. He has

held positions as a market analyst in the PJM Market Monitoring Unit, the PG&E National Energy Group, the World Resource Institute, and Lawrence Berkeley National Laboratory. Mr. Gramlich has published articles on market power regulation, capacity markets, incentives for environmental protection, and wind integration into power systems. He has a master's Degree in Public Policy from UC Berkeley and a BA with honors in economics from Colby College.

Bryan J. Hannegan **Electric Power Research Institute (EPRI)**

Dr. Hannegan is VP, Environment for EPRI, leading the team responsible for research into technologies and practices that reduce the environmental footprint associated with electric power generation, delivery, and use. He joined EPRI in September 2006 as a Director, and transitioned into his current role in January 2007. Prior to joining EPRI, Dr. Hannegan served in a dual capacity as the Chief of Staff for the White House Council on Environmental Quality (CEQ), and as an acting Special Assistant to the President for Economic Policy. During his tenure, he led the development of the President's Advanced Energy Initiative and assisted Federal agencies in their implementation of the Energy Policy Act of 2005 (EPACT 2005), and coordinating policies and activities on a wide range of environmental issues affecting air, water, land, and ecosystems. From 1999-2003, Dr. Hannegan served as Staff Scientist for the Senate Committee on Energy and Natural Resources. A climate scientist, engineer and energy policy expert, Dr. Hannegan holds a Ph.D. in Earth System Science, a M.S. in Engineering, both from the University of California, Irvine, and a B.S. in Meteorology from the University of Oklahoma.

Jeff Hazle **National Petrochemical & Refiners Association (NPRA)**

Mr. Hazle is the NPRA Technical Director and committee secretary for the Manufacturing and the Maintenance Committees. He is responsible for planning the technical sessions at the NPRA Annual Meeting, the Q&A and Technology Forum, and the Reliability &

Maintenance Conference. Mr. Hazle also works with NPRA members to develop association positions on regulatory and legislative issues affecting fuels production and the operation of refineries and petrochemical plants. He joined the NPRA Technical Department in 1995 after working for 16 years in the petroleum refining and petrochemical industries. Mr. Hazle graduated from the University of Michigan in 1979 with a B.S. in Chemical Engineering.

The Honorable Shirley Ann Jackson Rensselaer Polytechnic Institute

Dr. Jackson has been the President of Rensselaer Polytechnic Institute, Troy, NY, and Hartford, CT, the oldest technological research university in the U.S., since 1999. President Jackson has held senior leadership positions in government, industry, research, and academe. She is past President of the American Association for the Advancement of Science (AAAS) (2004) and former Chairman of the AAAS Board of Directors (2005), a member of the National Academy of Engineering, a Fellow of the American Academy of Arts and Sciences, the American Physical Society, and AAAS. She serves as a Trustee of the Brookings Institution, a Life Member of the M.I.T. Corporation, and a member of the Council on Foreign Relations. She is a member of the Executive Committee of the Council on Competitiveness and serves on the board of Georgetown University. She also serves on the Board of Directors of the New York Stock Exchange (and is Chairman of the New York Stock Exchange Regulation Board), the Board of Regents of the Smithsonian Institution, and is a director of several major corporations. She was appointed Chairman of the Nuclear Regulatory Commission (NRC), 1995-1999, by President William J. Clinton. Prior to that, she was a theoretical physicist at the former AT&T Bell Laboratories and a professor of theoretical physics at Rutgers University. Dr. Jackson holds an S.B. in physics and a Ph.D. in theoretical elementary particle physics from M.I.T., and 40 honorary doctoral degrees.

John M. Kelly American Public Power Association

John M. Kelly has served as director of economics and research for the American Public Power Association in Washington since 1982. Previously, he served in economics posts at the U.S. Bureau of Labor Statistics, the Library of Congress' Congressional Research Service, and the President's Council on Wage and Price Stability. Mr. Kelly has specialized in such areas as electric utility performance measurement, public and private utility efficiency comparisons, utility taxes, costing and pricing of utility services, subsidies, transmission access and deregulation issues, and utility rates of return. Mr. Kelly received a B.A. in Economics from American University and an M.A. in Economics from George Washington University, both in Washington, DC.

Anne Korin Institute for the Analysis of Global Security (IAGS)

Anne Korin is co-director of IAGS and editor of Energy Security. She is also director of the Set America Free Coalition, an alliance of national security, environmental, labor and religious groups promoting ways to reduce America's dependence on foreign oil. Ms. Korin focuses on energy supply vulnerabilities, OPEC, Africa, maritime terrorism, energy security, energy strategies, and technological innovation. She appears in the media frequently and has written articles for *Foreign Affairs*, *The American Interest*, *Commentary Magazine*, and the *Journal of International Security Affairs*. Ms. Korin has advised myriad high tech companies, and has worked on a wide variety of projects for corporations including Exxon International (Esso), KPMG, and Goldman Sachs. Her education includes an engineering degree in computer science from Johns Hopkins University and work towards a doctorate at Stanford University.

John E. Kwoka Northeastern University

John E. Kwoka is the Neal F. Finnegan Distinguished Professor of Economics at Northeastern University. He is also a Research Fellow of the American Antitrust

Institute, a member of the Board of Directors of the Industrial Organization Society, a member of the Editorial Board of the Review of Industrial Organization, and an ENCORE Fellow. He has previously taught at the George Washington University and the University of North Carolina at Chapel Hill, and served in various capacities at the FTC, the Antitrust Division of the Department of Justice, and the Federal Communications Commission. Much of his current research concerns various aspects of restructuring of the electricity sector.

Gal Luft

Institute for the Analysis of Global Security (IAGS)

Gal Luft is executive director of IAGS and co-chair of the Set America Free Coalition, an alliance of national security, environmental, labor and religious groups promoting ways to reduce America's dependence on foreign oil. He specializes in strategy, geopolitics, terrorism, Middle East and energy security. Dr. Luft has published numerous studies and articles on security and energy issues in various newspapers and publications such as *Foreign Affairs*, *The American Interest*, *Commentary Magazine*, *Middle East Quarterly*, *LA Times*, *The Washington Post*, and *The Wall Street Journal*. He is a board member of the Center for Energy Defence and a member of the Society of Industry Leaders, the Committee on the Present Danger and other non-profit groups. He holds a Ph.D. in strategic studies from the Paul H. Nitze School of Advanced International Studies (SAIS) at Johns Hopkins University.

Deborah Platt Majoras

Federal Trade Commission

Deborah Platt Majoras was sworn in on August 16, 2004, as Chairman of the Federal Trade Commission. She joined the FTC from Jones Day in Washington, D.C., where she was a partner in the firm's antitrust section. In April 2001, Chairman Majoras was appointed deputy assistant attorney general at the U.S. Department of Justice's Antitrust Division. She was named principal deputy in November 2002. During her three-year tenure in the Antitrust Division,

she oversaw matters involving numerous industries, including software, financial networks, defense, health care, media and entertainment, banking, and industrial equipment. She was named by President Bush to serve on the Antitrust Modernization Commission and has served as chair of the International Competition Network's Merger Working Group. Chairman Majoras graduated summa cum laude from Westminster College and received her J.D. from the University of Virginia in 1989, where she was awarded Order of the Coif and served as an editor of UVA's Law Review.

Anthony M. Mansfield

Heller Ehrman LLP

Mr. Mansfield joined Heller Ehrman in 2007 and is a member of the Securities Litigation and Energy Practice Groups. Prior to joining Heller Ehrman, Mr. Mansfield was Chief Trial Attorney and Counsel to the Director in the Division of Enforcement of the Commodity Futures Trading Commission (CFTC). At the CFTC, he managed a team of lawyers and investigators focused primarily on manipulation in the energy markets. Mr. Mansfield oversaw the Division's investigation of the 2003 price spike in the U.S. natural gas market. He was also responsible for the Division's investigations of numerous energy and power marketing companies relating to price reporting in the natural gas markets.

William L. Massey

Covington & Burling

Mr. Massey is a partner at Covington & Burling in Washington, DC. He served as a Commissioner at the Federal Energy Regulatory Commission (FERC) from 1993-2003, during the recent restructuring of the natural gas and electricity industries. Before FERC, Mr. Massey served as counsel to a member of the Senate and as a law clerk to a prominent federal judge. Mr. Massey has addressed numerous energy conferences both in the U.S. and abroad, and has often testified before the U.S. Congress on energy issues. Mr. Massey received a J.D. from the University of Arkansas School of Law, and an L.L.M. from the Georgetown University Law Center.

Maureen McNamara
Environmental Protection Agency (EPA)

Ms. McNamara works in the EPA's ENERGY STAR Labeling Branch, Strategic Planning and Evaluation. She facilitates ENERGY STAR partnerships with states, utilities, and regional market transformation groups that administer publically funded energy efficiency programs and environmental education campaigns. She provides information, tools, and services to help these strategic partnerships leverage ENERGY STAR as a platform for local energy efficiency programs. She also oversees evaluation of ENERGY STAR awareness, understanding, and use and tactics for communicating the benefits of ENERGY STAR-labeled products for consumers. Prior to joining EPA, Maureen worked for domestic and international consulting firms covering a wide variety of energy, environmental, and trade issues.

Elizabeth "Betsy" Moler
Exelon Corporation

Ms. Moler is the Executive VP, Government and Environmental Affairs and Public Policy, of Exelon Corporation, former Unicom Corporation. She joined the company as Senior VP, Government Affairs and Policy, in 2000, and was promoted to her current position in 2002. She heads the firm's Washington, DC office, and serves as a member of the Exelon senior officers group known as the Strategy & Policy Committee. During 1999 she was a partner in the law firm of Vinson & Elkins and a member of the Unicom Board of Directors. Ms. Moler is responsible for all aspects of Exelon's federal government affairs initiatives. She is also responsible for Exelon's corporate environmental, health, and safety initiatives, and leads Exelon's wholesale market development team efforts. She served as Deputy Secretary of Energy from 1997-1998, and Chair of the Federal Energy Regulatory Commission from 1993-1997. She received a B.A. from American University in 1971 and a J.D. from George Washington University in 1977.

Diana L. Moss
The American Antitrust Institute (AAI)

As VP of the AAI, Dr. Moss has managed projects involving antitrust, M&A, regulatory reform, network access, and systems competition across a wide range of industries, including electricity, oil and gas, cruise lines, sports, tobacco, internet-based joint ventures, appliances, and agricultural biotechnology. Before joining AAI in 2001, Dr. Moss was Senior Economist and Coordinator for Competition Analysis at the Federal Energy Regulatory Commission. From 1989-1994, she consulted in private practice in the areas of regulation and antitrust at the National Economic Research Associates and Putnam Hayes and Bartlett. She is an Adjunct Professor in the Department of Economics at the University of Colorado, Boulder, and Affiliated Professor at the Graduate Public Policy Institute at Georgetown University. She holds M.A. and Ph.D. degrees from the University of Denver and Colorado School of Mines.

Hampton Newsome
Federal Trade Commission

Mr. Newsome is an attorney with the Bureau of Consumer Protection at the Federal Trade Commission. His primary duties involve energy-related advertising and labeling issues. Before coming to the FTC, Mr. Newsome served in the General Counsel's Office at the Nuclear Regulatory Commission, where he specialized in environmental law and nuclear materials issues. He received his undergraduate degree from Duke University and holds degrees in law and planning from the University of Virginia.

Thomas C. Orvald
Heller Ehrman LLP

Thomas C. Orvald is an attorney in the Energy Group at Heller Ehrman LLP. Mr. Orvald represents electric utilities and other electric industry participants on regulatory matters for electric market operations and other issues arising from the restructuring of the electric industry. As a member of the firm's multi-disciplinary Energy & Clean Technologies Group, his practice involves counseling clients on new energy projects and the

development of new energy technologies. Mr. Orvald's practice is also increasingly focused on government and private sector responses to global climate change.

Terry Penney

National Renewable Energy Laboratory (NREL)

Mr. Penney joined NREL in 1979. Prior to joining NREL, he worked in the Von Karmen Facility at the Arnold Engineering Development Center where he was involved in the Space Shuttle program. At NREL he has worked on Ocean Energy, Buildings research, Optical and Thermal Fluid Science. More recently, he launched the Hybrid Vehicle program in 1992, which grew into the Partnership for New Generation Vehicles (PNGV) between the government and GM, Ford and DaimlerChrysler. Currently he is NREL's Technology Manager for Freedom Car and Advanced Vehicles responsible for both alternative fuels and advanced vehicles projects in both light and heavy-duty hybrid platforms. His undergraduate degree was from Purdue University in Aeronautical Engineering and Engineering Science and his graduate work was at the University of Tennessee in Mechanical Engineering.

Bob Percopo

AIG Global Marine & Energy

Mr. Percopo is Senior VP of Investments at AIG and provides project finance advisor services to clients worldwide. He has 29 years of experience in infrastructure, energy and power, project finance and structured finance in North America, Europe, Middle East, Asia, and Latin America. He joined the AIG Member Companies in 1998 to oversee the project finance operations of AIU Energy Division. In 2000 he became a partner in AIG Highstar Capital, L.P., a private equity fund managed by AIG with a focus on power generation, transportation and environmental service. Prior to joining AIG, Mr. Percopo was Co-Founder and Managing Director of PPW Associates, Inc., where he specialized in creating financing solutions for infrastructure and power generation projects in many foreign countries. From 1983-1990, Mr. Percopo ran the Merchant Banking and Project Finance Division of Banque Indosuez. His prior

experience includes project finance and lending for Mobil Corporation and Manufacturers Hanover Trust Company. Mr. Percopo received his B.S. and M.S. in Economics and Marketing from Rutgers University.

Michael A. Salinger

Federal Trade Commission

Prior to assuming his position as Director of the FTC's Bureau of Economics, Dr. Salinger was a Professor of Economics at the Boston University School of Management, where he has served as Chairman of the Department of Finance and Economics. He has also served as an associate professor at Columbia University Business School. From 1985 to 1986, he was a staff economist in the FTC's Bureau of Economics. Dr. Salinger has published extensively in areas of interest to the Commission's mission, including the competitive effects of tying and of vertical mergers, the structural determinants of market power, and the statistical properties of firm growth. He serves on the editorial boards of the Journal of Industrial Economics and the Review of Industrial Organization. He has been a consultant for the FTC, the Environmental Protection Agency, the Australian Competition and Consumer Commission, and private clients. Dr. Salinger has a Ph.D. in Economics from the Massachusetts Institute of Technology and an undergraduate degree from Yale University.

John H. Seesel

Federal Trade Commission

Appointed as the FTC's Associate General Counsel for Energy in December 2004, Mr. Seesel plays a key role in the Commission's energy-related work, including investigations and cases, legislative initiatives, advocacy comments, and studies and reports. He focuses particularly on developments in the petroleum industry, and also serves as the FTC's liaison with other federal and state agencies on energy issues. Before his appointment as Associate General Counsel, he served as an attorney advisor to Commissioner Orson Swindle (1997-2004) and to Commissioner Roscoe B. Starek, III (1993-97). Mr. Seesel has also served as a Deputy Assistant Director in one of the merger litigation

divisions of the Commission's Bureau of Competition (1987-93) and as Executive Assistant to the Director of that Bureau (1981-86). Before joining the FTC in 1975, he was a Deputy Attorney General for the State of California and a law clerk to the Chief Justice of California. Mr. Seesel received his undergraduate degree from Harvard College and his law degree from the Boalt Hall School of Law at the University of California at Berkeley.

Marilyn Showalter **Power in the Public Interest**

Marilyn Showalter is Executive Director of Power in the Public Interest, which promotes state, regional, and federal electricity policies that deliver reliable, cost-effective and publicly accountable electricity service to end-use consumers over the long term. Prior to her current position, Ms. Showalter was Executive Director of the Public Power Council. She also served for six years as Chairwoman of the Washington Utilities and Transportation Commission, which regulates investor-owned utilities. She is a former President of the National Association of Regulatory Utility Commissioners. A graduate of Harvard College and Harvard Law School, Ms. Showalter has served in a number of governmental capacities in the state of Washington, including Counsel to the Governor, Chief Clerk of the state House of Representatives, Counsel to the state House Appropriations Committee, and Senior Deputy Prosecuting Attorney.

Samantha M. Slater **Renewable Fuels Association**

Ms. Slater is the Director of Congressional and Regulatory Affairs at the Renewable Fuels Association. She most recently served as Director of Public Policy for the National Corn Growers Association (NCGA) and before that as Manager of State & Regional Affairs for the Electric Power Supply Association. She has a B.A. in international studies from American University.

Tyson Theron Slocum **Public Citizen's Energy Group**

Tyson Theron Slocum is the Director of the Energy Program at Public Citizen where he promotes stronger regulation of energy markets and examines the impact of mergers and lax rules over electricity, petroleum, natural gas, and energy trading. Mr. Slocum researches the influence of corporate special interests on our political system and works to promote corporate and government accountability. He is the author of numerous reports on these subjects, including "The Failure of Electricity Deregulation in the United States: History, Status and Needed Reforms," and "Hot Profits and Global Warming: How Oil Companies Hurt Consumers and the Environment." Mr. Slocum frequently presents his findings in testimony before the U.S. Congress and appears regularly in television, print and radio media. Prior to joining Public Citizen in 2000, Mr. Slocum was a policy analyst at the Institute on Taxation and Economic Policy.

Jolanta (Jola) Sterbenz **Federal Trade Commission**

Ms. Sterbenz joined the FTC in 2007 from Hogan & Hartson, LLP, where she was a partner in the firm's antitrust and energy groups. Her primary expertise has been the application of antitrust laws to the energy industry, including the oil and gas, electric power, and coal sectors. Her experience includes litigation and counseling, with a special emphasis on merger and non-merger investigations by federal and state antitrust enforcement agencies as well as agencies with jurisdiction over regulated utilities. Ms. Sterbenz also has broad experience in gas and electric utility regulation, at both the federal and state levels. Her agency practice has involved appearances before the Federal Energy Regulatory Commission, the U.S. Department of Energy, and the Canadian National Energy Board. She earned an M.A. from Adam Mickiewicz University, Poland, and a J.D. from the University of Pennsylvania Law School.

Orson Swindle **Hunton & Williams**

Mr. Swindle focuses on privacy, especially as it relates to information security, as part of the Center for Information Policy Leadership at Hunton & Williams. Previously, he has served as a Commissioner of the Federal Trade Commission from 1997-2005, where he participated in the launch of the FTC's Do-Not-Call program. He has testified before numerous Congressional Committees as a Commissioner at the FTC as well as in his capacity as Assistant Secretary of Commerce for Economic Development under President Reagan. Mr. Swindle also had a distinguished career as an aviator in the US Marine Corps, flying 205 fighter missions in Vietnam. He retired from the Marines in 1979 with the rank of Lieutenant Colonel. Mr. Swindle served as national spokesman for Ross Perot's grassroots presidential campaign, and ran for US Congress in Hawaii in 1994 and 1996. He holds a BS from the Georgia Institute of Technology in Industrial Management and an MBA from Florida State University.

Edward D. Tatum, Jr. **Old Dominion Electric Cooperative**

Mr. Tatum, currently Assistant Vice President, Rates & Regulation, has held a variety of positions since joining Old Dominion Electric Cooperative in 1986. His professional experience includes Federal and state regulatory proceedings, market research, retail sales, competitive market business rules, system planning, load forecasting, short-term energy purchasing, power contract administration, environmental licensing and compliance, energy services programs, load management and SCADA systems. Since 2002, Mr. Tatum has also actively participated in numerous PJM and MAAC (now Reliability First) committees, work groups and users groups. He has served as the sector-elected representative on the PJM Finance and Nominating Committees. He also has actively participated in Federal Energy Regulatory Commission activities regarding transmission open access, generation interconnection, market structure and market power issues since 1985. Mr. Tatum has

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Clifford Winston **The Brookings Institution**

Dr. Winston is a Senior Fellow in the Brookings Institution's Economic Studies program. He is an applied microeconomist specializing in the analysis of industrial organization, regulation, and transportation. He has been with Brookings since 1984. He has also served as co-editor of the annual microeconomics edition of *Brookings Papers on Economic Activity*. Prior to his fellowship at Brookings, Dr. Winston was an Associate Professor in the Transportation Systems Division of MIT's Department of Civil Engineering. The author of numerous books and articles, he has published *Government Failure versus Market Failure* (AEI-Brookings, 2006); *Deregulation of Network Industries: What's Next?*, with Sam Peltzman (AEI-Brookings, 2000); and *Essays in Transportation Economics and Policy: A Handbook in Honor of John R. Meyer*, with Jose A. Gomez-Ibanez and William B. Tye (1999). Dr. Winston holds an A.B. from the University of California at Berkeley, an M.Sc. from the London School of Economics, and a Ph.D. in economics from U.C. Berkeley.

Frank Wolak **Stanford University**

Dr. Wolak is a Professor of Economics at Stanford University. His research fields include industrial organization and empirical economic analysis, specializing in the study of privatization, competition and regulation in network industries such as electricity, telecommunications, water supply, natural gas and postal delivery services. He has studied the design and performance of the competitive electricity markets internationally and domestically. He has also worked on the re-structuring and privatization process in network industries in many foreign countries. He is a Research Associate of the National Bureau of Economic Research and an associate of the University of California Energy Institute in Berkeley. Dr. Wolak

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Catherine Wolfram
University of California, Berkeley

Dr. Wolfram is an associate professor of business administration at the Haas School of Business at the University of California, Berkeley and a researcher at the University of California Energy Institute. Her research focuses on the economics of energy markets. She has studied electricity industry privatization and restructuring around the world. Her work has assessed the performance of competitive wholesale markets, the effects of restructuring on generation costs and the effects of environmental regulation on the electricity sector. Dr. Wolfram received a Ph.D. in economics from MIT. Before joining the faculty at Berkeley, she was an assistant professor of economics at Harvard University.

Daniel Yergin
Cambridge Energy Research Associates (CERA)

Dr. Yergin is the Chairman and a co-founder of CERA, as well as the an Executive VP of IHS, CERA's parent company. He has had many leadership roles in the global energy industry. He chaired the Department of Energy's Task Force on Strategic Energy Research and Development, is a member of the Board of the United States Energy Association, a member of the National Petroleum Council, and this year recently became the only foreign member of the Russian Academy of Oil

and Gas. He is a Trustee of the Brookings Institution, on the Board of the New America Foundation, a Director of the US-Russia Business Council and on the Advisory Board of the International Institute for Economics. Dr. Yergin also received the Pulitzer Prize for his work *The Prize: The Epic Quest for Oil, Money and Power* (1991). Dr. Yergin received his B.A. from Yale University, and his Ph.D. from Cambridge University, where he was a Marshall Scholar.

Audrey A. Zibelman
PJM Interconnection, LLC.

Audrey Zibelman is the executive vice president and chief operating officer of PJM Interconnection. Acting neutrally and independently, PJM operates the world's largest competitive wholesale electricity market and ensures the reliability of the largest centrally dispatched grid in the world. Ms. Zibelman brings more than 19 years of utility experience in both the public and private sectors to PJM, where she is responsible for strategic direction and management of day-to-day system operations, planning, and markets. Ms. Zibelman came to PJM from TRANSLink LLC, where she was chief executive officer and board chair. TRANSLink was an independent transmission company organized to have operational control of transmission assets of 13 public and investor-owned utilities operating in 14 states.

