



United States of America

Philip D. Moeller, Commissioner, Federal Energy Regulatory Commission, Co-Head of U.S. Delegation



Commissioner Philip D. Moeller is serving his second term on the Commission, having been nominated by President Obama and sworn in on July 16, 2010, by Congresswoman Cathy McMorris Rodgers (R-Wash.), for a term expiring June 30, 2015. He was first nominated to FERC by President George W. Bush in 2006 and sworn into office on July 24, 2006, by Chief Justice of the United States John Roberts.

From 1997 through 2000, Mr. Moeller served as an energy policy advisor to U.S. Senator Slade Gorton (R-Washington) where he worked on electricity policy, electric system reliability, hydropower, energy efficiency, nuclear waste, energy and water appropriations and other energy legislation.

Prior to joining Senator Gorton's staff, he served as the Staff Coordinator for the Washington State Senate Committee on Energy, Utilities and Telecommunications, where he was responsible for a wide range of policy areas that included energy, telecommunications, conservation, water, and nuclear waste.

Before becoming a Commissioner, Mr. Moeller headed the Washington, D.C., office of Alliant Energy Corporation. Prior to Alliant Energy, Mr. Moeller worked in the Washington office of Calpine Corporation.

Mr. Moeller was born in Chicago, and grew up on a ranch near Spokane, Washington.

He received a B.A. in Political Science from Stanford University.

John R. Norris, Commissioner, Federal Energy Regulatory Commission, Co-Head of U.S. Delegation



John R. Norris was nominated by President Barack Obama to the Federal Energy Regulatory Commission and confirmed by the U.S. Senate for a term expiring in June 2012. Commissioner Norris, a lawyer, has years of experience in energy policy and regulatory affairs. He most recently served as Chief of Staff to Secretary Tom Vilsack of the U.S. Department of Agriculture. Prior to joining the USDA, he served as Chairman of the Iowa Utilities Board (IUB) from 2005 to 2009. During his tenure as IUB Chairman, Commissioner Norris served on the National Association of Regulatory Utility Commissioners (NARUC) Electricity Committee and was Co-Chair of the 2009 National Electricity Delivery Forum.

During his IUB tenure, Commissioner Norris also served as a Board Member, Secretary and President of the Organization of Midwest Independent System Operator (MISO) States as well as Chairman of the MISO Demand Response Working Group. He also was a member of the FERC/NARUC Demand Response Collaborative.

Commissioner Norris also has served on the Board of Directors of the National Regulatory Research Institute, as a member of the Board of Trustees of the Iowa Power Fund and on the Advisory Councils of the Iowa Energy Center, the Financial Research Institute for the University of Missouri College of Business and the Center for Global and Regional Environmental Research at the University of Iowa.

In 1999 and 2000, Commissioner Norris was Chairman of the Iowa Electric Restructuring Task Force while serving as Chief of Staff for then-Iowa Governor Tom Vilsack. He also served as Chief of Staff for U.S. Representative Leonard Boswell (IA-3rd) from 1997 to 1998. From 1989 to 1993 he owned and managed a restaurant in Greenfield, Iowa, and he was State Director of the Iowa Farm Unity Coalition during the Farm Crisis of the 1980s.

Commissioner Norris graduated with distinction from the College of Law at the University of Iowa in 1995 and earned his undergraduate degree in 1981 from Simpson College in Indianola, Iowa.

Commissioner Norris, his wife, Jackie, and their three sons live in Washington, D.C.



United States of America

Jon Wellinghoff, Chairman, Federal Energy Regulatory Commission



Jon Wellinghoff was named Chairman of the Federal Energy Regulatory Commission (FERC) by President Barack Obama on March 19, 2009.

He served two terms as the State of Nevada's first Consumer Advocate for Customers of Public Utilities and authored the first comprehensive state utility integrated planning statute. That statute has become a model for utility integrated planning processes across the country. He also was the primary author of the Nevada Renewable Portfolio Standard (RPS) Act. Nevada is one of the two states to receive an "A" rating by the Union of Concerned Scientists.

Chairman Wellinghoff's priorities at FERC include opening wholesale electric markets to renewable resources and providing a platform for participation of demand response and other distributed resources in wholesale electric markets, including energy efficiency and local storage systems such as those in plug-in hybrid and all electric vehicles (PHEVs and EVs). In addition, he is focused on promoting greater efficiency in our nation's energy infrastructure through the institution of advanced technologies and system integration. As Chairman, he created FERC's Office of Energy Policy and Innovation (OEPI), which is responsible for investigating and promoting new efficient technologies and practices in the energy sectors under FERC's jurisdiction.

Designated by the Obama Administration to be a Principal in the Joint U.S./China Strategic and Economic Dialog in 2010, Chairman Wellinghoff participated in diplomatic discussions with China's energy leaders. In 2011, he successfully negotiated a Memorandum of Understanding (MOU) between FERC and China's National Energy Administration (NEA). The MOU benefits both organizations through the sharing of best practices, facilitating communication and providing a platform for cooperation by related enterprises from both sides. As a result of that agreement, FERC and NEA will hold a joint conference in China in June 2012.

He is co-chair of the Smart Response Collaborative launched jointly by FERC and the National Association of Regulatory Utility Commissioners (NARUC) and is a member of NARUC's Committee on Energy Resources and the Environment. The Chairman is a member of the Advisory Committee of the Institute for Electric Efficiency and served as an advisor to the Defense Science Board's Energy Policy Task Force. He is the Co-Chair of the Executive Leadership Team of the Electric Power Research Institute's (EPRI) Green Transmission Efficiency Initiative. Chairman Wellinghoff also advises the Energy Foundation and the NRDC on U.S.-China energy policy matters.

Chairman Wellinghoff has written and lectured extensively on numerous subjects related to energy policy and practice including: renewable project development and renewable portfolio standards; smart grid and integration of electric vehicles and consumer appliances into the grid; demand response and distributed generation; efficient energy market structures and development and licensing of hydrokinetic systems.

He has been a guest lecturer at universities around the U.S. that include, the Vermont Law School; the University of California, Berkeley; Massachusetts Institute of Technology; Princeton University; George Washington University; the University of San Diego and the University of Oregon.



United States of America

Cheryl A. LaFleur, Commissioner, Federal Energy Regulatory Commission



Commissioner Cheryl A. LaFleur was nominated by President Barack Obama to serve as a member of the Federal Energy Regulatory Commission and confirmed by the U.S. Senate for a term that ends in June 2014.

Commissioner LaFleur has more than 20 years experience as a leader in the electric and natural gas industry. She retired in 2007 as executive vice president and acting CEO of National Grid USA, responsible for the delivery of electricity to 3.4 million customers in the Northeast. Her previous positions at National Grid USA and its predecessor New England Electric System included chief operating officer, president of the New England distribution companies and general counsel. Earlier in her career, she was responsible for leading award-winning conservation and demand response programs for customers.

Commissioner LaFleur is a frequent speaker on energy issues, particularly reliability and grid security, transmission planning, and enabling clean energy resources. She is a member of the NARUC Committees on Electricity and Critical Infrastructure.

Commissioner LaFleur has been a nonprofit board member and leader, and has been honored by Bryant University, the Greater Boston Chamber of Commerce, and the YWCA of Central Massachusetts.

Commissioner LaFleur began her career as a lawyer at Ropes and Gray in Boston. She has a J.D. from Harvard Law School, where she was an editor of the Harvard Law Review, and an A.B. from Princeton University.

Commissioner LaFleur is married to William A. Kuncik, a retired attorney, and they are the parents of two grown children.

Michael J. McGehee, Director, Division of Pipeline Certificates, Federal Energy Regulatory Commission



Mike McGehee is the Director of the Division of Pipeline Certificates, which has the overall responsibility of managing all natural gas infrastructure projects, including major pipeline, LNG and underground storage projects, as well as authorizing the siting and operation of natural gas import and export facilities and for advising the Commission on engineering issues relating to hydraulic analysis and pipeline flow modeling; underground storage of natural gas; and gas quality and interchangeability. The Division is comprised of a group engineers, geologists and economists that work on all interstate pipeline infrastructure filings.

Mike has been at with the Commission for 30 years doing a variety of natural gas producer and pipeline work. He spent his first 10 years working with gas producers dealing mainly with natural gas well siting, drilling, geology, engineering, production, and pricing issues related to interstate sales of natural gas. Subsequently, Mike joined the Division of Pipeline Certificates and has since either worked directly on or supervised as Branch Chief the work on numerous major natural gas infrastructure projects, prior to assuming his current position.

Mike is a graduate of Frostburg State University with a Bachelor of Science Degree in Earth Science/ Geology.



United States of America

Joseph Kelliher - Executive Vice President, Federal Regulatory Affairs, NextEra Energy



Joseph Kelliher is Executive Vice President, Federal Regulatory Affairs for NextEra Energy. He served as a member of the Federal Energy Regulatory Commission beginning in 2003, becoming its Chairman from 2005-2009.

Among the highlights of his chairmanship was efficient implementation of the Energy Policy Act of 2005, the largest expansion in FERC regulatory authority since the 1930s. This law gave FERC a new mission to assure reliability of the interstate power grid and granted the agency strong enforcement authority for the first time. During his chairmanship, the Commission established the policies that define how the agency will discharge its reliability and enforcement missions.

Mr. Kelliher also restructured the agency, establishing an Office of Enforcement and a new Office of Electric Reliability. As Chairman, Mr. Kelliher pursued a series of reforms to promote competitive power and natural gas markets, improve FERC economic regulation, and strengthen the U.S. energy infrastructure. The agency launched policy initiatives to improve access to the power grid, increase grid investment, and improve grid planning, encourage strong corporate compliance programs, prevent exercise of market power and market manipulation, strengthen the pipeline network, and allow more efficient use of pipeline capacity. The agency also began to exercise its new civil penalty authority. During his chairmanship, there was significant progress on energy infrastructure development – FERC approved 7,400 miles of natural gas pipeline additions, authorized a 500% increase in LNG import capacity, approved the first significant expansion in gas storage capacity in 20 years, and investment in the interstate power grid doubled.

Mr. Kelliher has spent his entire professional career working on energy policy matters, serving in a variety of roles in both public and private sectors, including Senior Policy Advisor to the U.S. Secretary of Energy, Majority Counsel to the House Commerce Committee, as well as positions with private corporations, trade associations, and law firms.

Andrew L. Ott, Senior Vice President of Markets, PJM Interconnection, LLC



Andrew L. Ott is senior vice president of Markets for PJM Interconnection. He also serves as a board member for PJM Technologies and PJM Environmental Information Services. Mr. Ott has been with PJM for more than 15 years and is responsible for executive oversight of PJM's Market Operations, Market Strategy, Member Training, State Relations, Customer Relations and Performance Compliance divisions. He was responsible for design and implementation of PJM's wholesale electricity markets including the PJM Locational Marginal Pricing, Financial Transmission Rights, Day-Ahead Energy Market and Capacity Market systems.

Mr. Ott has extensive experience in energy market restructuring, including electricity market design and implementation issues, and in power-system engineering applications. Mr. Ott serves on the board of directors on the Wholesale Electricity Quadrant of the North American Energy Standards Board. He serves as the US representative and working group chair for the CIGRE (International Council on Large Electric Systems) C5 Study Committee on Electricity Markets and Regulation.

Prior to joining PJM, Mr. Ott was employed by GPU for 13 years in transmission planning and operations.

Mr. Ott received a Bachelor of Science in Electrical Engineering from Pennsylvania State University. He also received a Master of Science in Applied Statistics from Villanova University.



United States of America

Terry Boston, President and CEO of PJM Interconnection, LLC



Mr. Boston has served for over three years as CEO of PJM Interconnection, the largest power grid in North America and the largest electricity market in the world.

Mr. Boston is past chair of the North American Transmission Forum, dedicated to excellence in performance and sharing industry best practices. He was one of the eight industry experts selected to direct the North American Reliability Corporation (NERC) investigation of the August 2003 Northeast/Midwest blackout.

Mr. Boston was chosen by Intelligent Utilities Magazine as one of 2011 Top 11 Industry Movers and Shakers, and led PJM to win the Platts 2010 Global Leadership Award. In 2011, Mr. Boston was honored with the “Leadership in Power” award from the IEEE Power and Energy Society. He was also recognized as one of the top 100 People You Must Know in Smart Grid 2012 by Greentech Media.

In addition, Mr. Boston serves as a U.S. vice president of the International Council of Large Electric Systems and as vice president of the Consortium for Electric Reliability Technology Solutions.

Prior to joining PJM, Mr. Boston was the executive vice president of the Tennessee Valley Authority, the nation’s largest public power provider. In his 35 years at TVA, Mr. Boston directed divisions in transmission and power operations, pricing, contracts and electric system reliability.

He served three years as chairman of the Southeastern Electric Reliability Council Board and serves on the boards of non-profits such as the Association of Edison Illuminating Company, Electric Power Research Institute (EPRI) and Grid Protection Alliance. He previously served on the North American Reliability Corporation (NERC) Stakeholders Board and was elected to the NERC Members Representative Committee.

Mr. Boston holds a Bachelor of Science in engineering from Tennessee Technological University and a Master of Science in engineering administration from the University of Tennessee.

Dallas Burtraw, Senior Fellow and Darius Gaskins Chair, Resources for the Future



Dallas Burtraw’s research includes the design of environmental regulation, the costs and benefits of environmental regulation, and the regulation of the electricity industry. Burtraw recently estimated the change in value of electricity generation companies, and the incidence of cost on households, of alternative approaches to implementing carbon dioxide (CO₂) emissions trading programs in the US.

He also recently has studied opportunities for efficiency improvements in the electric power sector from greenhouse gas regulations under the Clean Air Act and provided testimony and technical assistance in subnational policies in California and the northeast Regional Greenhouse Gas Initiative. He also has examined the cost-effectiveness of trading programs for nitrogen and sulfur dioxide in the US, and of CO₂ emissions trading in the EU, and has conducted integrated assessment modeling of nitrogen and sulfur dioxide emissions from the power sector including health and ecosystem effects and valuation. Burtraw holds a Ph.D. in economics and a master’s degree in public policy from the University of Michigan and a bachelor’s degree from the University of California, Davis.



United States of America

Philip B. Jones, Commissioner, U.S. Washington Utilities & Transportation Commission



Appointed by Governor Gregoire in March 2005, re-appointed in January, 2011 and confirmed unanimously by the State Senate, Commissioner Jones is a member of the International Relations and Telecommunications committees of NARUC. He is Chairman of the board of Directors of the National Regulatory Research Institute (NRRI), and is Vice-Chair of the Washington Action Program. He also currently services on the Executive Committee of NARUC, which manages its operations and strategy. Currently the 1st Vice President, he will become President of NARUC in November, 2012.

Jones served as a senior legislative assistant to former Senator Daniel J. Evans from Washington state (1983-88). He staffed the Senator on a variety of issues, including energy issues before the Senate Energy and Natural Resources Committee, and international trade and investment policies. He was responsible for a broad range of energy issues, including hydroelectric re-licensing, nuclear waste management, energy conservation and renewables, the Bonneville Power Administration, and the U.S.-Japan nuclear cooperation agreement approval. He was actively involved in staffing the Senator on key international trade bills that were debated in the 1980's, such as the textile and apparel bills, omnibus trade legislation, most-favored national treatment for the PRC, and the approval of the U.S.-Canada Free Trade Agreement. He also travelled with the Senator on several CODEL's to East Asia along with the U.S. Senate leadership to South Korea, Japan, Taiwan, Hong Kong, and the People's Republic of China.

Fluent in Japanese, Jones studied and worked for five years in Japan and travelled throughout East Asia (1977-1982). He attended Waseda University for one year in its International Division, and then worked for several years for the State of Ohio/Economic Development Department in its efforts to attract Japanese foreign direct investment to Ohio and promote bilateral trade. Based in Japan, he was also responsible for managing trade and investment relations with other East Asian countries.

Jones is a native of Spokane, Washington. He graduated from Harvard College with honors with a degree cum laude in East Asian Studies. He also served as Administrative Director of the Program on U.S.-Japan Relations at Harvard from 1981-83, then directed by Professor Vogel. He assisted Professor Vogel and Harvard management in efforts in Japan and Asia on behalf of various schools/centers in Harvard University to raise funds and attract leading Asian researchers and officials. Recently, he assisted Professor Vogel during his tour of the West Coast in promoting his new path-breaking book on China, called *Deng Xiaoping and the Transformation of China* (Harvard University Press).



United States of America

Dr. David Wollman, Deputy Director, Smart Grid and Cyber-Physical Systems Program Office, and Manager of Smart Grid Standards and Research, National Institute of Standards and Technology



Dr. David Wollman is Deputy Director of the Smart Grid and Cyber-Physical Systems Program Office, and Manager of Smart Grid Standards and Research efforts at the National Institute of Standards and Technology (NIST), the Federal Government agency responsible for coordinating and accelerating the private-sector development of smart grid standards (see www.nist.gov/smartgrid for additional information). He also leads NIST's effort in the White House's Green Button Initiative to enable consumers to securely download their energy usage information from their electric utilities in human- and machine-readable common electronic format, working in close coordination with the Office of Science and Technology Policy, the Council on Environmental Quality, and the U.S. Department of Energy.

Before joining the Smart Grid and Cyber-Physical Systems Program in the NIST Engineering Laboratory, he managed efforts within the NIST Physical Measurement Laboratory to maintain and advance the Nation's electrical standards and metrology supporting the electric power industry. In addition, he has served in several other positions at NIST, including Scientific Advisor for the former Electronics and Electrical Engineering Laboratory, Program Analyst in NIST Director's Program Office, and bench-level scientist in Boulder, Colorado developing advanced high-resolution x-ray detectors. Before joining NIST, Dr. Wollman received his Ph.D. from the University of Illinois at Urbana-Champaign in the areas of superconducting electronics and device micro/nanofabrication. He has given numerous invited talks at international conferences, and holds three U.S. patents. He has received many awards, including two U.S. Department of Commerce Gold Medals and the NIST Applied Research Award.

David Wright, Chairman, South Carolina Public Service Commission and President of the National Association of Regulatory Utility Commissioners (NARUC)



Commissioner David Wright of South Carolina was elected President of the National Association of Regulatory Utility Commissioners in November 2011.

President Wright provides general oversight of the Association and serves as NARUC's primary voice before Congress, the courts, administrative agencies, and the general public. He was elected to the South Carolina PSC in 2004.

At NARUC, he presently sits on the Board of Directors, the Executive Committee, and the Committee on Electricity.

Prior to his election to the PSC, Commissioner Wright served in the South Carolina House of Representatives from 1988- 1996. Commissioner Wright received a B.A. in Political Science from Clemson University.

A colon cancer survivor, President Wright is active as an advocate for cancer awareness and is frequently asked to share his message with groups around the State. President Wright is also a member of the Leadership Council for the Cancer Centers at the University of South Carolina.



Australia

Brendan Morling, Head of Division Energy and Environment Division - Department of Resources, Energy and Tourism Australian Government, Head of Australian Delegation



Brendan Morling is Head of the Energy and Environment Division at the Department of Resources, Energy and Tourism, which has responsibility for Industrial Energy Efficiency Policy, Energy Security, the National Energy Market Reform agenda and environmental policies relating to the resources and energy portfolio.

Mr. Morling has responsibility for Australia's international engagement to encourage the development of efficient, transparent and competitive global energy markets.

He manages Australia's engagement with multilateral fora such as IPEEC, the IEA and CEM. Brendan is also a Commonwealth representative on the Standing Committee of Officials for the Standing Council on Energy and Resources.

Prior to his current position, Mr. Morling has worked in a wide range of economic policy positions in the Commonwealth Government.

John Pierce, Chairman, Australian Energy Market Commission (AEMC)



Commissioner Pierce was appointed AEMC Chairman in June 2010. His commitment to industry and regulatory reform has underpinned his contribution to national energy reform through a number of senior roles including his tenure as Secretary of the Federal Department of Resources, Energy and Tourism which followed 12 years of service as Secretary of the New South Wales (NSW) Treasury. He was a key adviser to Government and Chairman of the NSW Treasury Corporation. Prior to his time at NSW Treasury he was Pacific Power Chief Economist.

John holds a BEc, Hon. (UNSW). He was a Visiting Scholar at Boston University during 2004-2005 working with Professor L. Kotlikoff on the economic and fiscal implications of an ageing population and with R. D. Behr from the Kennedy School of Government on public sector performance management.



Australia

Andrew Reeves, Chair, Australian Energy Regulator



Andrew Reeves was appointed as the Chair of the Australian Energy Regulator in July 2010, following his appointment as a Board Member in July 2008. Andrew joined the AER at the time that the AER commenced the economic regulation of the electricity and gas distribution sectors.

Prior to the AER appointment, Andrew was Commissioner of the Tasmanian Government Prices Oversight Commission and Regulator of the Tasmanian electricity supply industry, responsible for technical and economic regulation of the sector, including performance standards and prices for distribution services and retail tariffs.

Until 2005, Andrew Reeves was an Associate Commissioner in the Energy Division of the ACCC. His previous Government appointments included Director Energy Policy and mineral and petroleum development in Tasmania.

His first professional discipline was Engineering, with post graduate qualifications in Economics.

Mr. Reeves succeeds the inaugural chair Mr. Steve Edwell.

Dr. Brian Spalding, Commissioner, Australian Energy Market Commission



Dr. Brian Spalding is a Commissioner of the Australian Energy Market Commission, a member of the board of the Australian Renewable Energy Agency, ARENA, and is the independent member of IPART's Energy Savings Scheme committee.

Brian has had long experience in the design and operation of energy markets and the power system, through past roles as CEO of the National Electricity Market Management Company, NEMMCO, and until 2010 as Executive General Manager Operations of the Australian Energy Market Operator, AEMO.



Canada

John Foran, Director, Natural Resources Canada, Head of Canadian Delegation



Mr. Foran obtained a B.Sc. in Geology in 1979 at the University of New Brunswick, and then worked as a petroleum geologist/geophysicist in Calgary, Alberta until 1987. After receiving an MBA at Queen's University in 1989, he became Manager of Gas Supply Studies for what is now Enbridge Gas Distribution of Toronto, Canada's largest natural gas distribution company.

He moved to Ottawa to join Natural Resources Canada in 1991, and became Director of the Oil & Gas Policy & Regulatory Affairs Division in 2008. His role is to provide information and policy advice to the Minister and department on crude oil, natural gas, and petroleum product market, pipeline, or regulatory matters. This role includes arranging for consideration by the Government of Canada of pipeline certificates, export licences, or changes to pipeline regulations that are recommended by the National Energy Board. He also manages the Pipeline Arbitration Secretariat, which arranges for arbitration of financial disputes between landowners and pipeline companies.

Michel Fernand Girard, Vice-President, Policy and Stakeholder Relations



As Vice-President of the Standards Council of Canada's (SCC) Policy and Stakeholder Relations branch, Mr. Girard oversees SCC's stakeholder engagement initiatives, analysis of standardization issues, and development of key policies.

Mr. Girard has a wealth of experience in standardization and environmental management. He was Director of Climate Change Services at the Canadian Standards Association (CSA) where he managed CSA's Ottawa office and played a leading role in developing CSA's climate change policy. Prior to joining CSA, Mr. Girard was Director of International Affairs, Climate Change Bureau at Environment Canada, where he helped negotiate the rules governing the Kyoto Protocol. Mr. Girard has also held the positions of Corporate Secretary and Chief of Federal-Provincial Strategies for Agriculture and Agri-Food Canada. Additionally, he has held policy research and advice positions at the Canadian Environmental Assessment Agency and at Canada Post.

Mr. Girard holds a Ph.D. in History at the University of Ottawa.

Darren Finkbeiner, Ontario Independent Electricity System Operator (IESO)



Darren Finkbeiner is the Manager of Market Development and is responsible for the Market Evolution department at the Ontario Independent Electricity System Operator (IESO). In his current role Mr. Finkbeiner is responsible for the IESO Market Evolution program and the development of the Market Rules that govern the IESO administered markets.

Currently, one of Mr. Finkbeiner's lead responsibilities is to ensure the reliable and efficient integration of Ontario's significant investments in variable renewable generation. He is also the IESO's representative on the IESO Technical Panel, the body which recommends rule changes for the evolution of the IESO Administered markets.

Mr. Finkbeiner joined Ontario Hydro/ the IESO in 1987. He has held positions as a NERC certified Power System Operator as well as managing roles in market and system analysis, change management, operational readiness and market entry. He has been closely involved with the restructuring and evolution of the Ontario electricity market.

Among his other prior responsibilities, Mr. Finkbeiner has served as Ontario's committee representative in various industry forums dealing with congestion management, intertie seams issues and inter-jurisdictional power purchase agreements.



China

ZOU Yiqiao, Director-General, Department of Tariff and Financial Regulation for the State Electricity Regulatory Commission of China (SERC), Head of Chinese Delegation



Mr. ZOU is Director-General, Department of Tariff and Financial Regulation for the State Electricity Regulatory Commission of China (SERC). His current responsibilities include proposing tariff adjustments to related government departments, supervising and reviewing relevant tariffs and costs of electricity companies and regulating fees and charges for ancillary services.

He is also responsible for conducting early warning analyses based on the financial condition of electric utility companies as well as organizing and participating in market surveillance to ensure compliance with price and cost-related rules.

Dr. HE Yang, Director, Division of Generation Regulation, Department of Electric Power Market Regulation, State Electricity Regulatory Commission



Dr. Yang is Director of the Division of Generation Regulation, Department of Electric Power Market Regulation, State Electricity Regulatory Commission of China. He is responsible for supervising electric power trading, coordinating activities among the generation and transmission sectors, and developing a power market in China.

Prior to joining SERC, he worked with the Electric Power Research Institute of China, helping to develop technical requirements for electric equipment. He received a doctorate from the Brunel Institute of Power Systems in the United Kingdom.

XIE Kai, President of the U.S. Representative Office for the State Grid Corporation of China (SGCC)



Mr. XIE, as President of the U.S. Representative Office for the State Grid Corporation of China (SGCC), is responsible for business development and public relations for China's largest grid operator. The U.S. office is located in New York City. Prior to this position, he served as Chief Technology Officer for the Tianjin Electric Power Corporation, responsible for planning and operations for a utility serving more than 15 million customers.

He was also in charge of the development of new technology, information systems, Smart Grid and employee training. He led the development of the largest Smart Grid pilot project in China, the Sino-Singapore Eco-city project. In 2009 he was Director of Smart Grid for the North China Power Grid Company, including the development of plug-in electric vehicle charging and discharging network, smart substations and smart meters.



India

Dr. Pramod Deo, Chairperson Central Electricity Regulatory Commission, Head of Indian Delegation



Dr. Pramod Deo has taken over as Chairperson, Central Electricity Regulatory Commission on 9th June 2008. Dr. Pramod Deo is the longest serving electricity regulator in India. Dr. Deo joined MERC as Member on April 29, 2002. He was elevated as Chairman on February 11, 2005.

Dr. Deo holds a post-graduate degree in Physics, a doctoral degree in Infrastructure Economics and has done post-doctoral research in Energy Policy and Economics. He is also co-author of three books on energy planning, energy management and regulatory practice.

Dr. Deo has 30 years of experience in the Indian Administrative Service (IAS) of which more than 20 years of experience has been at both policy and project management levels in the energy sector. He has worked in the power sector in the Ministry of Power, Government of India, Department of Energy, Government of Maharashtra and international institutions like UNEP and AIT.

In the Department of Energy, Government of Maharashtra his major contribution was drafting the State Electricity Reform Bill 2000. During this period he also held the concurrent charge of Environment Department.

He has worked with the UNEP Risoe Centre on Energy, Climate and Sustainable Development (URC), located in Denmark as Senior Energy Economist for five years (1993 - 1998). On behalf of the Centre he also worked for UNDP on the development of Global Environment Facility (GEF) capacity building proposals to equip Egypt, Jordan and Malaysia to respond effectively to the Framework Convention on Climate Change (FCCC). All the energy-environment projects and climate change mitigation studies extensively covered power sector reforms, energy efficiency and conservation options.

He was the founding Director of state and national level energy institutions, namely the Maharashtra Energy Development Agency (1986-88) and the Energy Management Centre (1989 - 1993), set up to promote renewable energy and energy efficiency respectively. The latter has been upgraded under Energy Conservation Act 2001 to the Bureau of Energy Efficiency (BEE), a statutory body to implement the new law.

He worked as a short-term consultant to the World Bank in 1993 and as a Research Engineer at the Asian Institute of Technology, Bangkok from 1985 to 1986.

Dr. Deo is a recipient of the World Wind Energy Award 2005 from World Wind Energy Association for his outstanding achievement in the dissemination of wind energy. Confederation of Indian Industry (CII) selected him for their national award "Distinguished Personality - Energy Management" for the year 2006.



India

S. Krishnan, Chairperson Petroleum & Natural Gas Regulatory Board (PNGRB)



Mr. S. Krishnan graduated in Chemical Engineering from the University of Madras, Tamil Nadu State, India in 1971. After working in Indian Organic Chemicals Tamil Nadu till 1974, Mr. Krishnan had a brief stint with Engineers India Limited, New Delhi. He joined the Indian Administrative Service (IAS) in 1975 and was allocated to the State of Uttar Pradesh (U.P.). In U.P., he was District Collector at Etah and Sultanpur; other assignments include Joint Secretary in Finance Department, Special Secretary in Chief Minister's Office, Director U.P. Tourism and Additional Chief Executive Officer of Greater NOIDA Industrial Development Authority. He took a mid career break in 1991-92 to pursue post graduate studies in London School of Economics and Political Science, U.K. After division of Uttar Pradesh, he worked as Principal Secretary, Industries and Labour and Principal Secretary, Irrigation and Power, Government of Uttarakhand.

In Central Government, Mr. Krishnan had been Director, Department of Mines, Director General Employment and Training, Joint Secretary, Ministry of Youth Affairs and Sports, Additional Secretary and Special Secretary in Ministry of Labour and Employment. He retired from Government of India as Secretary, Department of Fertilizers. At present, he is the Chairperson of Petroleum and Natural Gas Regulatory Board (PNGRB), a body set up as downstream regulator under the PNGRB Act, 2006.

Konedana Rajeswara Rao, Petroleum & Natural Gas Regulatory Board (PNGRB)



Mr. K. Rajeswara Rao has done Mechanical Engineering from Jawaharlal Nehru Technological University, Hyderabad, Andhra Pradesh State, India in 1984. He started his career as an Assistant Executive Engineer in Roads & Buildings Department of the Government of Andhra Pradesh. After brief stint in the State Government, he resigned and started career in corporate world by joining Hindustan Petroleum Corporation Limited (HPCL), one of the major oil companies in India. Mr. Rajeswara Rao had achieved many milestones in HPCL such as "Sales Officer of the Month" for several months.

Mr. Rajeswara Rao was selected as Deputy Director in the Oil Coordination Committee (OCC), Ministry of Petroleum & Natural Gas, Government of India on deputation from HPCL in 1994. He had also worked in the Petroleum, Planning & Analysis Cell in the Ministry of Petroleum & Natural Gas, Government of India, which was established consequent upon winding up of OCC owing to dismantling of the Administered Pricing Mechanism (APM). He has been working on deputation as the Officer on Special Duty in the Petroleum and Natural Gas Regulatory Board (PNGRB) since 2007 and has been associated with framing of various Regulations and the process of grant of authorization, etc. Having worked in various capacities in HPCL, OCC, PPAC and PNGRB during his career of 26 years so far, Mr. Rajeswara Rao has attained rich experience in the petroleum and natural gas sector.



New Zealand

Carl Hansen, Chief Executive at Electricity Authority of New Zealand, Head of New Zealand Delegation



Carl Hansen has been the Electricity Authority's Chief Executive since its inception in November 2010.

He led the Authority through its first year in which it successfully met government requirements to complete a number of key matters, including introducing an active hedge market and a compensation scheme for electricity consumers. Carl has also overseen a wide range of other initiatives, many of which are continuing to develop, including the successful What's My Number consumer switching programme, and launch of Advisory Groups and the Security and Reliability Council. Carl has been involved in the evolution of the New Zealand electricity market, as a senior executive and director, independent advisor and economist. He has chaired sector technical and advisory groups and acted as principal adviser to a number of industry bodies.

Before the Authority, Carl spent almost a decade with market services company M co, originally as Chief Economist and then as Chief Executive. He has worked for the Law and Economics Consulting Group, providing strategic and regulatory advice to utility and infrastructure clients, and has held a wide range of policy development and operations roles at the New Zealand Treasury and Reserve Bank. He has also undertaken policy analysis at the Business Roundtable.

Carl has a Masters degree in economics, with first class honors, from the University of Michigan.



Singapore

CHEE Hong Tat, Chief Executive of the Energy Market Authority (EMA), Head of Singapore Delegation



CHEE Hong Tat, 38, is the Chief Executive of the Energy Market Authority (EMA). Prior to this, he was the Principal Private Secretary to Minister Mentor Lee Kuan Yew from 2008-2011. He also held various management positions in the Ministry of Home Affairs, Finance, Transport and Education from 1998-2008.

Hong Tat graduated with a BSc (with highest honours) in Electrical Engineering & Computer Sciences and a BA (with highest honours) in Economics from the University of California at Berkeley in 1996. He obtained an MBA from the University of Adelaide in 2006.



Thailand

Dr. Direk Lavansiri, Chairman, Energy Regulatory Commission, Head of Thai Delegation



Prof. Emeritus Dr. Direk Lavansiri is Chairman of the Energy Regulatory Commission (ERC) of Thailand graciously appointed by His Majesty the King since 1 February 2008. Before completing his Ph.D. in Civil Engineering from Oregon State University in 1976, he received a master's degree from University of Washington and a bachelor's degree from Chulalongkorn University in Bangkok, Thailand. He taught in Department of Civil Engineering of Chulalongkorn University since 1977. Before appointment as ERC Chairman, he served as Dean of the Faculty of Engineering during 2004-2008.

In 2002 and 2003, he got the Thailand Quality Class Award for Performance Excellence, under the "organization" category, for two consecutive years, while holding office of Professor Director of Continuing Education Center, Chulalongkorn University, conferred by the National Committee of Thailand Quality Award.

He used to be board member of many State Enterprises Utilities such as Metropolitan Waterworks Authority, Provincial Waterworks Authority, Mass Rapid Transit Authority, and Transportation Company. He is a former member or board member of international affiliations such as International Federation of Engineering Education Society, Organizing Committee on International Conference on Road and Airfield Technology, Steering Committee of AUN/SEED NET (AUN South East Asia Engineering Education Development Network) and others.

Further details can be found at www.erc.or.th

Dr. Pallapa Ruangrong, Commissioner, Energy Regulatory Commission



Mrs. Pallapa Ruangrong is one of seven Commissioners of the Energy Regulatory Commission of Thailand, responsible for the regulation of the power and gas sectors. Dr. Pallapa's key regulatory responsibilities include licenses for energy operators, security and reliability of the grid, power purchases, industry efficiency and transparency and customer service standards. She also contributes to the National Power Development Plan.

Prior to joining the ERC in 1999 she was Director of the State Enterprise Development Division in the Policy Office of Thailand's Ministry of Finance. She led the state enterprise reform program, focusing on the transportation sector. In 1999 she was also Convener of the APEC Privatisation Forum established under the 6th APEC Finance Ministers involving 21 APEC member economies and conducting five meetings in coordination with host economies including Indonesia, Chinese Taipei, Vietnam and Chile.