

Gas Pipeline Advisory Committee (GPAC)

Member Biographies

As of January 2025

GOVERNMENT

Ms. Tammy Cordova (G)

(Appointed 1/03/2025)

Commissioner
Public Utilities Commission of Nevada
9075 W. Diablo Ave, Suite 250
Las Vegas, NV 89148

Tammy Cordova is a Commissioner of the Public Utilities Commission of Nevada since June 2020. She is a public utilities law expert with over 30 years of work experience in Nevada state government and the United States Navy. She served in several attorney and counsel roles at the Public Utilities Commission of Nevada before her appointment as Commissioner, including the roles of Chief Staff Counsel, Assistant Staff Counsel, and Legal Case Manager and Administrative Attorney. She also held many leadership positions in the US Navy-Marine Corps from 1991 to 2002. At the National Association of Regulatory Utility Commissioners, she is the Chair of the Committee on Gas, and the Vice-Chair of the Task Force on Natural Gas Resource Planning. She is also the Chair of the Committee of State Representatives for Western Resource Adequacy Program, Western Power Pool. She is a member of the National Petroleum Council, Advisory Council for the Center for Public Utilities at New Mexico State University, and Markets and States Committee of the Southwest Power Pool. She earned her Bachelor of Science degree in 1991, and her Juris Doctor degree in 1998.

Mr. David Chislea (G)

(Appointed 9/24/2024)

Manager, Gas Operations Section
Michigan Public Service Commission PO
Box 30221
Lansing, MI 48909

David Chislea is Director of Gas Safety and Operations for the State of Michigan Department of Licensing and Regulatory Affairs Public Service Commission since 2022. His other experiences with the State of Michigan include Gas Operations manager from 2011 to 2022, and Gas Safety Engineer from 1994 to 2011. Other experience includes Staff Engineer for Mears/CPG Inc. in 1994. In total, he has 30 years of experience in pipeline and storage statutes and regulations, underground pipeline damage prevention, and gas pipeline facilities design, construction, operations, and maintenance.

Ms. Kimberly Duffley (G)

Commissioner
North Carolina Utilities Commission
430 N. Salisbury Street

Raleigh, NC 27603

Kimberly W. Duffley is a Commissioner of the North Carolina Utilities Commission since 2019. Until her appointment as a Commissioner, Ms. Duffley was a Senior Staff Attorney with the Utilities Commission and was co-chair of the Staff Subcommittee on Electricity of the National Association of Regulatory Utility Commissioners (NARUC). Commissioner Duffley currently serves as Chair of the NARUC Committee on Electricity; Co-Chair of the Joint Federal-State Task Force on Electric Transmission; Chair of the Nuclear Waste Strategy Coalition; and is a member of the NARUC Board of Directors, the Department of Energy (DOE)-NARUC Nuclear Energy Partnership, and the NARUC-National Association of State Energy Officials (NASEO) Advanced Nuclear State Collaborative. She is a Board-Certified Specialist in Utilities Law and serves on the NC Utilities Law Specialization Committee. She earned her Bachelor of Arts degree in Philosophy and Political Science in 1991, and her Juris Doctor degree in 1994.

Ms. Sara W. Longan (G)

(Appointed 3/16/2018)

Deputy Chief, Regulatory

U.S. Army Corps of Engineers 2204

3rd Street, JBER, AK 99506

Sara W. Longan is the Deputy Chief of the Regulatory Division for the U.S. Army Corps of Engineers, Alaska District. She is responsible for administering and enforcing the U.S. Army Corps of Engineers Regulatory Program within the Alaska District. Furthermore, she assists with the development of, response to, and/or implementation of the full range of programmatic initiatives and requirements which are directed towards the effective, efficient, and consistent application of the Corps Regulatory Program. Longan is an experienced regulator and natural resource manager with over 20 years' experience, including 18 years in a government regulatory setting. Prior to joining the Alaska District Longan served as the Deputy Commissioner of the Alaska Department of Natural Resources (DNR) overseeing Divisions such as the Division of Oil & Gas (DOG), State Pipeline Coordinator's Section (SPCS), and the Division of Geological and Geophysical Survey (DGGS), serving a team of approximately 1,000 employees. DNR manages 104 million acres of state-owned lands, 60 million acres of submerged lands and 40,000 miles of coastline. Longan was the Executive Director of the North Slope Science Initiative (NSSI) for the Department of Interior, Bureau of Land Management. The NSSI maintains a focus on coordinating science to understand ecosystems in relation to energy development on the North Slope of Alaska. Before, she was the Executive Director of the Office of Project Management and Permitting (OPMP) for the State of Alaska Department of Natural Resources specializing in oil and gas, mining, transportation, hydropower permitting, resource development, and Federal land management and Arctic policy and research. She is on the 2016 list of Alaska's Top 40 under 40 and she served on the Department of the Interior's Bureau of Land Management's Resource Advisory Council. Dr. Longan is also a member of the Interstate Oil and Gas Compact Commission (IOGCC) and previously held Chair and Vice Chair positions on the Public & Tribal Lands Committee. Longan earned a doctorate in Epidemiology/Public Health, holds a Master of Science degree in Environmental Toxicology and a Bachelor of Science degree in Pre-Veterinary Medicine from Oklahoma State University.

Mr. Terry L. Turpin (G)

(Appointed 11/10/2016)

Deputy Director

Office of Energy Projects

Federal Energy Regulatory Commission

888 First Street NE

Washington, DC 20426

Terry L. Turpin is the director of the Office of Energy Projects at the Federal Energy Regulatory Commission (FERC), where he is responsible for processing applications for hydropower dams, natural gas pipelines, and liquefied natural gas (LNG) requiring the preparation of environmental documents. Mr. Turpin represents FERC's natural gas and hydropower policy before the public, regulated industries, and local, State, Federal, and foreign governments. Additionally, he is responsible for siting infrastructure projects (including authorization of interstate natural gas pipelines and storage facilities), authorization and operation of LNG terminals, and licensing, administration, and safety of non-Federal hydropower projects. Prior to working as FERC's deputy director, Mr. Turpin served as the director of the division of Gas-Environment and Engineering within the Office of Energy Projects. In this role, Mr. Turpin oversaw a multi-disciplinary staff in the preparation of environmental documents for proposed natural gas pipelines and LNG facilities.

PUBLIC

Mr. Samuel T. Ariaratnam (P)

(Appointed 3/16/2022)

Professor and Beavers-Ames Chair in Heavy Construction

Arizona State University

660 South College Avenue

Tempe, AZ 85287

Samuel T. Ariaratnam is currently a Professor and Sunstate Endowed Chair at Arizona State University. Previously, he served as a Professor and Beavers-Ames Chair in Heavy Construction at the university. Prior to joining Arizona State University, he spent five years as a faculty member in the Department of Civil and Environmental Engineering at the University of Alberta. From 1995-96, he was a Visiting Assistant Professor at the United States Air Force Academy in Colorado Springs, Colorado. His primary area of research interest lies in Underground Infrastructure Management and Rehabilitation. Research in this area has focused on the development of new technologies in construction engineering and applications of underground trenchless construction techniques, specifically Horizontal Directional Drilling and Trenchless Pipe Replacement. He has published over 300 technical papers and reports, co-authored eight textbooks, and is a co-holder of five patents. He was appointed and served on two Study Committees of the U.S. National Academies. Through his research and educational initiatives, Dr. Ariaratnam has received recognition from the California Department of Transportation, City of Los Angeles, North American Society for Trenchless Technology, and the American Society of Civil Engineers, where he received both the prestigious John O. Bickel Award, Arthur M. Wellington Prize, Pipeline Division Award of Excellence, and the Stephen D. Bechtel Pipeline

Engineering Award. He earned his B.A.Sc. from the University of Waterloo Canada and his M.S. and Ph.D. from the University of Illinois at Urbana-Champaign.

Mr. William (Chad) Gilbert (P)

(Appointed 3/16/2022)

United Association International Representative
Pipeline and Gas Distribution Department
6951 Hunnington Drive
Sanger, TX 76266

Chad Gilbert is a pipeline construction and safety expert with over 20 years of experience working on over 40 projects in the pipeline industry. Since 2020 he represented the UA first as a special representative then as an international representative. As a representative of the UA for Plumbers and Pipe Fitters, Mr. Gilbert has represented thousands of pipeline workers with experience building consensus across the industry. Mr. Gilbert has extensive welding experience. Mr. Gilbert was a certified welder, UA Local 798 Journeyman pipe fitter/ welder nationwide from 1994 to 2020. Some of his special projects include director of Waterhorse LLC Pipeline Board of Directors 2017 – 2018, serving as job steward on the Alliance Pipeline compressor station project in Illinois 1997 – 1998, and as a welding foreman for approximately 100 workers for Cross Country Pipeline LLC for approximately 100 workers. He has several welding education and training certificates.

Ms. Sara Rollet Gosman (P)

(Appointed 11/10/2016)

Associate Professor
University of Arkansas School of Law
1045 West Maple Street
Fayetteville, AR 72701

Sara Rollet Gosman is an associate professor at the University Of Arkansas School Of Law, where she teaches and writes in the areas of environmental and energy law. Her courses include environmental law, energy law and policy, and natural resources law, and her research explores the ways in which uncertainty about risk creates both challenges and opportunities for policy. Professor Gosman's recent work has focused on oil and gas topics, including risk-based regulation of oil and gas pipelines and chemical disclosure policies and hydraulic fracturing. Prior to joining the University Of Arkansas School Of Law, Professor Gosman served as a lecturer at the University of Michigan Law School, practiced as a water resources attorney at the National Wildlife Federation, and worked as an assistant attorney general in the environmental division of the Michigan Department of Attorney General. In addition to her position at the University of Arkansas School Of Law, Professor Gosman is currently the Secretary of the Board of Directors for the Pipeline Safety Trust.

Ms. Erin Murphy (P)

(Appointed 3/16/2022)

Senior Attorney

Energy Markets and Utility Regulation
Environmental Defense Fund
1875 Connecticut Avenue, NW, Suite 600
Washington, DC 20009

Erin Murphy is the Senior Attorney of Energy Market and Utility Regulation for the Environmental Defense Fund (EDF) since April 2021. In addition, since September 2017, Ms. Murphy held several other important positions at EDF. The Environmental Defense Fund's mission is to preserve the natural systems on which all life depends. Guided by science and economics, EDF finds practical and lasting solutions to the most serious environmental problems and works to solve the most critical environmental problems facing the planet. Prior to joining the EDF, from January 2013 to August 2017, Ms. Murphy held a variety of important positions including serving as a law clerk at the Maine Supreme Judicial Court, as a summer law clerk and research associate for Earthjustice, as a law clerk for the U.S. Department of Justice and U.S. Environmental Protection Agency, and as a Children in Nature Coordinator, AmeriCorps and Student Conservation Association for the Delaware Department of Natural Resources and Environmental Control. Ms. Murphy earned her BA in Environmental Science from the University of Florida in May 2012 and her JD from the Georgetown University Law Center in May 2016.

Dr. Arvind P. Ravikumar (P)

(Appointed 3/16/2022)

Research Associate Professor
Department of Petroleum and Geosystems Engineering
The University of Texas at Austin
200 E Dean Keaton St.
Austin TX 78705

Arvind P. Ravikumar is an Associate Professor of Engineering, University of Texas at Austin. His research group, the Sustainable Energy Development Lab, focuses on developing technical, social, and policy solutions to effective climate action in the global energy sector through a combination of field work, model development, and scenario analysis. Specific topics include role of new technologies in decarbonizing the oil and gas industry; methane emissions and the future of LNG and natural gas; equitable energy transitions in extractive economies; and energy demand and sustainability in the developing world. He previously served as an assistant professor of energy engineering at Harrisburg University as well as a post-doctoral researcher at Stanford's Woods Institute of the Environment where he focused on methane leak detection and repair. In addition, since January 2018, he has been a fellow of the Payne Institute for Public Policy at Colorado School of Mines and a fellow of Initiative for Sustainable Energy Policy, School of Advanced and International Studies at the Johns Hopkins University. Dr. Ravikumar earned his BE in Electrical Engineering and MS in Physics from Birla Institute of Technology and Science, and his Ph.D. and MA in Electrical Engineering from Princeton University.

INDUSTRY

Mr. Cedric Flowers (I)

(Appointed 1/03/2025)

Vice President, Gas Operations
DTE Gas
Energy Plaza Drive
Detroit, MI 48226

Cedric Flowers serves as vice president, Gas Operations for DTE Gas, DTE Energy's natural gas utility which provides service to 1.3 million homes and businesses in Michigan. He is responsible for managing utility gas operations, including construction, transmission, distribution, storage and planning of DTE's natural gas system within applicable federal, state, and local regulations. In his role, Cedric leads the improvement of the operational systems, processes, and policies to ensure a high level of system integrity, safety, and performance. Flowers has been with DTE Energy since 2019. Prior to his current role, Flowers was director of Major Enterprise Projects where he was responsible for leading the project management, planning and execution of the company's largest gas initiatives. He has an extensive background in engineering, operations, and business leadership in both publicly traded and privately backed energy companies prior to joining DTE. Flowers holds a Bachelor of Science degree in Chemical Engineering from Christian Brothers University and earned a Master of Business Administration degree from the Florida Institute of Technology.

Mr. William Mojica (I)

(Appointed 1/08/2025)

SVP, Gas Operations
NiSource
290 W Nationwide Blvd
Columbus, Ohio 43215

William E. Mojica is Senior Vice President of Gas Operations at NiSource Corporate Services. NiSource delivers natural gas to approximately 3.2 million customers across six states, and electricity to about 500,000 customers in Indiana under the Columbia Gas and NIPSCO brands. He leads gas operations across our Six-State service territory. Beginning his career as an engineer, William has served in a variety of technical and leadership roles throughout his 25-year career in the oil & gas industry. He has supported roles in Engineering, Operations and Maintenance, Investment Planning, Process Safety, Strategy and Risk Management, Safety Management, Construction and Project Management, as well as Environmental Engineering and Compliance. William holds a Bachelor of Mechanical Engineering from the University of Arizona, MBA from University of Phoenix, and he is a graduate of the Stanford University Executive Leadership Development program. William is an active member of the industry, serving on the Board of Directors for the Interstate Natural Gas Association of America (INGAA) and NIPSCO Holdings II. He also contributes to the community through his role on the Board of Directors for Lifecare Alliance, an organization dedicated to providing a comprehensive array of health and nutrition services to residents of Central Ohio.

Ms. Brianne Metzger-Doran (I)

(Appointed 1/08/2025)

VP, Operation Services US Natural Gas
TC Energy
700 Louisiana Street Suite 1300
Houston, TX 77002

Brianne Metzger-Doran is Vice President, Operation Services, US Natural Gas for TC Energy since August 2023. As Vice President she is accountable for leading pipeline safety compliance, environment, safety, land, and technical training functions for TC Energy's US natural gas business unit. Also she held several leadership positions as Vice President of Health and Safety for Teck Resources from June 2021 to August 2023; Vice President of Safety and Reliability, Director of Programs, Director of Project Evaluation, and Director of Operational Excellence and Compliance for Enbridge from March 2017 to June 2021; General Manager of Operational Performance Assurance and General Manager of Operational Excellence, Director of Strategic Projects US Operations, Manager of Climate Change Policy, and Lead Environmental Health and Safety Specialist for Corporate Governance for Spectra Energy from November 2007 to June 2021; Senior Consultant on Corporate Advisory Services for ERM from November 2005 to November 2007; Environmental Health and Safety Site Manager, and Environmental Programs Consultant for Dell, Inc. from August 2003 to November 2005; MIT Leaders for Manufacturing Intern for Hewlett-Packard Company from June 2002 to January 2003; and Environmental Engineer for URS Corporation from June 1998 to May 2001. Ms. Metzger-Doran is active in several professional and social organizations. She earned a Bachelor and Master of Science degrees in engineering and Master of Science degree in management.

Steve Squibb (I)

(Appointed 11/14/2023)

Director, Natural Gas Operations
City Utilities of Springfield Missouri
PO Box 551
Springfield, MO 65801

Steve Squibb is the Director of Natural Gas Operations of City Utilities of Springfield, Missouri since 2018. Starting in 2008, Mr. Squibb served in various positions, including natural gas operations manager; natural gas and water engineering supervisor; water engineering supervisor; and water engineering senior engineer. From 2002 to 2008, he worked in various technical positions for Magellan Midstream Partners, LP, as well as from 1998 to 2002 with Williams Companies, Inc. Mr. Squibb is a professional engineer, holds an MBA and BSME, and has taken many professional development courses. He continues to serve in various position of the city utilities committees; served on the board of members of APGA; and is a member of the API RP 1173. Mr. Squibb is also active in his community, holding various positions with the Boy Scouts of America, Missouri University of Science and Technology Alumni Association, the American Cancer Society, and St. Elizabeth Ann Seton Church.

Mr. Chad J. Zamarin (I)

(Appointed 9/13/2012) Senior

Vice President
Corporate Strategic Development
The Williams Companies, Inc.
One Williams Center, 49th Fl.
Tulsa, OK 74172

Chad J. Zamarin is executive vice president of corporate strategic development for the Williams Companies, Inc. since January 2023 where he oversees enterprise-level strategy, business development, customer-relationship management, and has additional responsibility for government affairs and project analysis. Prior to joining Williams in June 2017, he served as senior vice president and president for pipeline and midstream at Cheniere Energy, Inc. Before joining Cheniere Energy, Mr. Zamarin served in various executive roles at NiSource/Columbia Pipeline Group, including chief operating officer at NiSource Midstream, LLC and NiSource Energy Ventures, LLC, as well as president of Pennant Midstream, LLC. He earned a bachelor of science in materials engineering from Purdue University and a master's in business administration from the University of Houston. He also serves on the board of directors of the Interstate Natural Gas Association of America.

