

Northwestern University Electricity Dialogue on Electricity System Adaption: Solving the Issues of the West

Biographies



STEFAN BIRD is president and CEO of Pacific Power, a division of PacifiCorp serving 791,000 customers in communities across Oregon, Washington, and California.

In his role, Bird also oversees PacifiCorp's 17,000-mile transmission system spanning 10 states, its multi-state renewable resource and grid operations, commercial and risk management activities, and other Portland, Oregon based teams serving 2 million customers in Pacific Power and Rocky Mountain Power service areas.

Under his leadership, the company is making historic investments in renewable and non-carbon energy and transmission infrastructure that will transform the West's role in a net zero energy future.

Bird led the company's partnership with the California ISO in 2014 to develop a transformative Western U.S. energy market that maximizes renewable energy, bolsters grid reliability, and lowers customer energy costs. Since its inception the market has saved customers across the West more than \$2.91 billion while helping to decarbonize the Western grid. For PacifiCorp customers, market participation has delivered over \$537 million in energy savings.

Bird joined Berkshire Hathaway Energy in 1998, serving as vice president of acquisitions and development, president and CEO of CalEnergy Generation U.S. and senior vice president, commercial and trading for PacifiCorp.

Bird serves on several nonprofit and public service organizations including as chairman, PacifiCorp Foundation; chairman, STEM Investment Council; chairman, CTE-STEM Employer Coalition; director, Oregon Business Council; and member of the board of trustees, Oregon Institute of Technology.

He holds a Bachelor of Science degree in mechanical engineering from Kansas State University.



JOHN CHATBURN was appointed to the Idaho Public Utilities Commission by Gov. Brad Little on Jan. 10, 2022.

Commissioner Chatburn serves on the National Association of Regulatory Commissioners (NARUC) Committee on Electricity, NARUC's Nuclear Energy Partnership, the Western Energy Imbalance Market-Body of State Regulators and is Co-Chair of the Committee on Regional Electric Power Cooperation.

Prior to being appointed to the Commission, Chatburn served as Administrator of the Idaho Governor's Office of Energy and Mineral Resources (OEMR) beginning in September of 2014. He had served as Interim Administrator and Program Services Manager for OEMR from 2009 - 2014.

During his career with the State of Idaho John has served as the Special Assistant for Energy under Governor Otter from 2007- 2009; Deputy Administrator, for the Idaho Department of Agriculture, in the Division of Animal Industries from 2002-2007; Special Assistant to the Director, Idaho State Department of Agriculture from 1999 – 2002; and Energy and Natural Resource Policy Advisor for Governor Phil Batt, 1995 – 1998.

John is a graduate of Boise State University with a Bachelor of Arts degree in Political Science.



STACEY CROWLEY is the Vice President of External Affairs for the California Independent System Operator (CAISO). She is responsible for delivering the organization's communications strategy, developing strategic partnerships and overseeing governmental affairs at the state, regional and federal levels. She also manages coordination with the WEIM Governing Body and its committees to facilitate quality engagement and dialogue with stakeholders on a variety of western energy issues.

Ms. Crowley's strength in developing partnerships and fostering consensus grew in her previous role as the Director of the Nevada Governor's Office of Energy and advisor to Nevada Governor Brian Sandoval. There, she implemented state and federal energy-related grant programs, and discovered her passion for regional energy issues while serving as Chair of the Western Interstate Energy Board and on the board of the National Association of State Energy Officials.

Before moving into the energy industry, she practiced as an architect who specialized in environmental sustainability and client engagement. She has a Bachelor of Science degree in Architecture from the University of Michigan and Masters of Architecture from the University of New Mexico. She currently serves on the Board of Directors for the

Tahoe Fund, a non-profit dedicated to enhancing the extraordinary environment of the Lake Tahoe Basin, which spans across the Nevada/California state lines.



MEGAN DECKER Megan Decker was appointed to the Oregon Public Utility Commission by Governor Kate Brown in April 2017 and was promoted to Commission Chair in May 2018. Chair Decker represents Oregon as Co-Chair of the Committee on Regional Electric Power Cooperation (CREPC), as well as a member of the Western Interconnection Regional Advisory Body (WIRAB) and the Enrolled Parties and States Committee of NorthernGrid, a regional transmission planning organization. She also previously served as Co-Vice Chair of the Energy Resources and the Environment Committee for the National Association of Regulatory Utility Commissioners (NARUC).

Prior to her appointment, Chair Decker was an Assistant General Counsel with the Port of Portland. She developed expertise in energy policy and regulation as Chief Counsel for Renewable Northwest, where she managed utility commission advocacy in Oregon, Washington, Idaho, and Montana and served as Board Chair of the NW Energy Coalition. Chair Decker's legal experience also includes private practice in land use and a clerkship with the U.S. Court of Appeals for the Ninth Circuit.

Chair Decker earned her law degree from the University of Washington, where she graduated with high honors. She holds a Bachelor of Arts in Political Science from Stanford University, where she graduated Phi Beta Kappa, earned honors in Latin American Studies, and received the Firestone Medal for Excellence in Research.

1st Term: April 1, 2017 – March 31, 2021

2nd Term: April 1, 2021 – March 31, 2025



MELANIE M. FRYE, President and CEO, oversees WECC's mission to effectively and efficiently reduce risks to the reliability and security of the Western Interconnection's Bulk Power System. Melanie achieves this work through active interactions with members and key stakeholders, by managing relationships with key regulatory and policy-setting bodies, and ensuring WECC contributes to a positive relationship with NERC and the ERO.

Melanie leads the WECC organization and works to strengthen the developing leadership culture. She created the framework for WECC's Invented Future and shaped the transformation within the organization. She

has profoundly influenced the development of the internal organizational culture to inspire alignment with the “why” of WECC.

Prior to this role, Melanie served as Vice President of Reliability Planning and Performance Analysis, overseeing WECC’s technical and analysis functions, including events analysis, situation awareness, reliability planning and assessments, performance assessments, and standards development. Melanie also served as WECC’s Vice President of Shared Services, overseeing Human Resources, Accounting and Finance, Information Technology, Project Management, and Administrative Services functions and staff. She joined WECC in 2007 as Director of Human Resources.

Before joining WECC, Melanie spent several years with PacifiCorp as a Senior Human Resources Consultant where she was responsible for providing advice and counsel to the leadership team of eight thermal and three natural gas power generation facilities in Utah and Wyoming. She provided support to over 2,500 union and non-union employees located across the company’s six-state service territory.

Melanie holds a Bachelor of Science in Business Administration from Weber State University in Ogden, Utah, and a Utility Executive Course Certificate from the University of Idaho.



RICHARD GLICK was named by President Biden to be Chairman of the Federal Regulatory Commission on January 21, 2021 and is serving a Commission term that ends June 30, 2022.

Glick was nominated to the Federal Energy Regulatory Commission by President Donald J. Trump in August 2017 and confirmed by the U.S. Senate on November 2, 2017.

Before joining the Commission, he was general counsel for the Democrats on the Senate Energy and Natural Resources Committee, serving as a senior policy advisor on numerous issues including electricity and renewable energy.

Prior to that, he was vice president of government affairs for Iberdrola’s renewable energy, electric and gas utility, and natural gas storage businesses in the United States. He ran the company’s Washington, DC, office and was responsible for developing and implementing the U.S. businesses’ federal legislative and regulatory policy advocacy strategies.

Glick previously served as a director of government affairs for PPM Energy and before that was director of government affairs for PacifiCorp. He served as a senior policy advisor to U.S. Energy Secretary Bill Richardson, and before that was legislative director and chief counsel to U.S. Senator Dale Bumpers of Arkansas. From 1988-1992

Chairman Glick was an associate with the law firm of Verner, Liipfert, Bernhard, McPherson and Hand.

He is a graduate of George Washington University and Georgetown Law. He and his wife Erin have a son.



JEFFREY B. GULDNER leads Pinnacle West Capital Corporation and its primary subsidiary, Arizona Public Service Company (APS). The companies are headquartered in Phoenix.

APS employs more than 6,000 people and serves nearly 1.3 million customers across Arizona. The company is among the nation's top utilities for delivering clean and reliable energy to its customers and has announced an ambitious commitment to deliver 100% clean, carbon-free electricity to customers by 2050. APS operates the Palo Verde Generating Station, the nation's largest energy producer—all of it carbon-free, and ranks among the top five investor-owned utilities for solar energy capacity.

Guldner was promoted to his current position in November 2019 from his dual roles as president of APS and executive vice president, public policy of Pinnacle West. Since joining APS in 2004, Guldner has held a number of leadership positions responsible for areas including legal, rates and regulation, government affairs and customer service. Prior to APS, Guldner was a partner in the Phoenix office of Snell & Wilmer LLP, where he practiced public utility, telecommunications and energy law. Before practicing law, Guldner served as a surface warfare officer in the United States Navy and was an assistant professor of naval history at the University of Washington.

Guldner is dedicated to community involvement and actively serves on boards of directors, including the Partnership for Economic Innovation, the National Association of Manufacturers, Arizona Theatre Company and Greater Phoenix Economic Council, where he currently serves as Chair.

He earned a Bachelor of Arts degree from the University of Iowa and graduated *magna cum laude* from the Arizona State University College of Law. Guldner also completed the Reactor Technology Course at the Massachusetts Institute of Technology and the Advanced Management Program at Columbia Business School.



SENATOR CHRIS HANSEN represents Senate District 31 in the Colorado State Senate. He specializes in environment and energy economics, with 20+ years of experience in the global energy industry and six years in the Colorado General Assembly. He currently serves as Vice Chair of the Joint Budget Committee and Chair of the Senate Appropriations Committee.

Prior to his work as an elected official, he was Senior Director at IHS Markit where he led a global portfolio of energy products, events and partnerships. Dr. Hansen holds a BSc in Nuclear Engineering from Kansas State University; a Graduate Diploma of Civil Engineering from the University of the Witwatersrand, South Africa; a Master of Science in Engineering Systems from MIT; and a PhD in Economic Geography from Oxford University. He is also the Co-Founder and Director at the Colorado Energy & Water Institute, and Founder of the Colorado Science and Engineering Policy Fellowship.



PHILIP JONES is currently President of Phil Jones Consulting LLC based in Seattle, Washington, that provides expert advice and consulting services for organizations in the fields of energy and utility regulation, communications regulation, and cybersecurity compliance and regulation.

Mr. Jones currently serves as Executive Director of the Alliance for Transportation Electrification (ATE), an industry-funded non-profit association that seeks to promote the acceleration of transportation electrification deployments, a robust utility role, and interoperability and open standards.

Mr. Jones served as a Commissioner on the Washington Utilities and Transportation Commission (WUTC) for 12 years from 2005 to 2017. He served in many leadership positions in NARUC (National Association of Regulatory Utility Commissioners). He served as President of NARUC in 2012-13. He serves on the EPRI Advisory Council. Mr. Jones is a native of Spokane, Washington and a graduate with a B.A. from Harvard College.



ROBERT S. KENNEY is president of Xcel Energy's Colorado Operating Company. In this role, he is responsible for the utility's overall operations. He is responsible for executive leadership and strategic guidance of state and local governmental and regulatory affairs, as well as customer and community relations, and charitable giving for the many Colorado communities Xcel Energy serves. In partnership with enterprise-wide teams, Robert is accountable for the strategic, commercial, financial, regulatory, and operational leadership of Xcel's Colorado Operating Company.

Robert leverages more than 30 years of regulatory, legal, governmental, and public affairs experience to deliver outstanding energy service to the people of Colorado, while maintaining Xcel Energy's unwavering commitment to keeping customer bills low. At the same time, he leads his Colorado team in working with public policy makers, regulators, and community stakeholders to deliver strategic plans and customer programs, which will drive the state's and Xcel Energy's continued leadership in the clean energy transition, including transportation electrification.

Prior to joining Xcel Energy, Robert served as senior vice president of regulatory and external affairs for Pacific Gas & Electric where he led state and federal regulatory affairs, local government affairs, and community relations and charitable giving. He has had an extensive career in the legal and regulatory sectors, including serving as Chairman of the Missouri Public Service Commission (PSC). He is a nationally recognized leader in public utility law and regulation and public policy development and implementation. Among other significant past experiences, he served on the Board of Directors of the National Association of Regulatory Utility Commissioners (NARUC) and as President of the Organization of MISO States (OMS).

Prior to his appointment to the Missouri PSC, Robert served as Chief of Staff to the Missouri Attorney General. Previously, Robert was a shareholder at the Polsinelli law firm, where he practiced in the commercial and business litigation practice group.

Robert holds a bachelor's degree in political science from Hampton University and a law degree from Saint Louis University School of Law.



ELIZABETH KRONK WARNER is Dean and Professor of Law at the S.J. Quinney College of Law at the University of Utah. She was formerly Associate Dean and Professor of Law at the University of Kansas School of Law (KU), where she was also the Director of the Tribal Law and Government Center.

Dean Kronk Warner is a nationally recognized expert in the intersection of Environmental and Indian law. She has taught courses in Property, Indian, Environmental and Natural

Resources Law, and supervised the KU Tribal Judicial Support Clinic. She has received several teaching excellence awards, co-authored several books on environmental issues and Native Americans, and has over 40 articles and book chapters to her credit. Dean Kronk Warner, a citizen of the Sault Ste. Marie Tribe of Chippewa Indians, served as an appellate judge for the tribe and as a district judge for the Prairie Band Potawatomi Tribe.

Dean Kronk Warner previously was an active member of the Federal Bar Association, serving on its national Board of Directors. In 2014, she received the Federal Bar Association President's Award for leadership and extraordinary service, commitment, and guidance to the Federal Bar Association and its members. She is currently active in the American Bar Association, where she is co-chaired of the Native American Resources Committee. She holds a J.D. from the University of Michigan, a B.S. from Cornell University, and also studied at Nanyang Technological University in Singapore.



MATTHEW S. LARSON practices at the intersection of utility law and policy, counseling utilities and energy suppliers on state and federal aspects of regulation, administrative law, and energy policy. He has worked on matters before state and federal regulatory commissions on issues involving resource planning, rates, and other issues on behalf of both investor-owned utilities and cooperatives.

In the energy policy realm, he has written extensively on issues related to electric market design and restructuring. Matt has also been deeply involved in significant climate and energy policy legislative efforts. On the administrative litigation side, has played a leading role in some of the most significant energy transition cases in the western United States. This includes leading the legal effort on Xcel Energy's Colorado Energy Plan, resulting in the retirement of over 650 MW of coal-fired generation and development or acquisition of over 2,000 MW of renewable and gas-fired generation. He has also led the efforts of Western Slope cooperatives to exit membership in Tri-State Generation and Transmission Association, helping these clients to bring the benefits of the clean energy transition to rural Colorado and transition to a generation mix focused on renewables and gas generation with a lower emissions footprint. Finally, he played a significant role in the passage of a historic suite of energy and climate policy legislation in Colorado in 2019, including Senate Bill 19-236.

Earlier in his career, Matt practiced with a Colorado-based law firm in its Environmental, Energy and Natural Resources practice group. He previously served as a law clerk for the U.S. Attorney's Office in Denver and the Honorable John L. Kane of the U.S. District Court for the District of Colorado.



THAD LEVAR was originally appointed to the Public Service Commission of Utah in 2012 and was appointed Commission Chair in 2015. He was reappointed in 2021 by Governor Spencer J. Cox. Since his appointment as Chair the PSC has gone paperless and redesigned its internet presence, streamlined numerous administrative rules and processes, modernized its administration of Utah's Universal Service Fund and Relay program, made substantive updates to Utah's PURPA requirements, implemented a new rate structure for customer generation, initiated investigations into grid modernization and advanced rate design, and established rules

for a community renewable energy program.

In addition to his duties at the PSC, Thad provides public service on the Member Advisory Committee for the Western Electricity Coordinating Council and the Body of State Regulators for the Western Energy Imbalance Market. He is also a member of the Advisory Council to the Center for Public Utilities at New Mexico State University, the Committee on Telecommunications of the National Association of Regulatory Utility Commissioners, and the Joint Federal-State Task Force on Electric Transmission. He has done volunteer work with USAID to provide workshops to international regulators on topics including cross border electricity trading, flexibility of coal generation facilities, and natural gas infrastructure regulation.

Before his appointment to the PSC Thad served as Deputy Executive Director of the Utah Department of Commerce, Director of the Division of Consumer Protection, administrative law judge, and associate general counsel to the Utah Legislature. He was a member of the steering committee for the Governor's Office 2011 Business Regulation Review, a project that resulted in over 300 changes to streamline state government. Before attending law school Thad was a public school teacher in Texas and Arkansas.



ELLIOT MAINZER is the President and Chief Executive Officer of the California Independent System Operator (ISO). The ISO is responsible for managing the flow of electricity that serves 80 percent of California and a small portion of Nevada. The CAISO also runs a real-time energy market for utilities in eight western US states and conducts reliability coordinator services for most balancing authorities in the West.

Mr. Mainzer is committed to using leading-edge policies and new technologies to accelerate California's drive towards the reliable decarbonization of its electric power grid. He started in his new role at the ISO on September 30, 2020 following a successful 18-year career at the Bonneville Power Administration (BPA) where he was at the forefront of transformational changes in the western electricity market.

While serving as BPA's administrator and CEO from 2013-2020, Mr. Mainzer effectively navigated the agency through a period of tremendous industry change and economic headwinds by improving the agency's long-term cost competitiveness and financial resiliency, modernizing assets and system operations, and positioning BPA as a more responsive and agile business partner.

In recent years, Mr. Mainzer has co-chaired the Western Electric Industry Leaders Group to support greater western market and policy coordination on such topics as resource adequacy, transmission development, and carbon accounting. He has also served as the Chair of the U.S. Entity for the Columbia River Treaty with Canada and on the boards of the Electric Power Research Institute, and the Utility Wind Integration Group.

A native of San Francisco, Mr. Mainzer has an undergraduate degree in geography from U.C. Berkeley, and master's degrees in Business Administration and Environmental Studies from Yale University. Mainzer and his wife Margaret have twin boys. He is also an amateur jazz saxophonist and dedicated student of jazz theory and history.



LEA MÁRQUEZ PETERSON was elected to the Arizona Corporation Commission in November 2020. She was sworn-in on January 4, 2021 and elected by her fellow commissioners to lead the Commission as Chair.

Prior to November 2020, Chairwoman Lea Márquez Peterson was appointed to the Commission by Governor Doug Ducey in May 2019. With her appointment, she became the first Latina to serve in a statewide office in the state of Arizona. She is the only commissioner who is not from Maricopa County. Her first term ends in 2025. She will be eligible to run for a second in

2024.

Lea has been an entrepreneur in Arizona for many years and supports Arizona's small business community and economic development. She was honored to be selected as the 2022 Hispanic Business Woman of the Year by the United States Hispanic Chamber. She served as the President/CEO of the Tucson Hispanic Chamber from 2009 until November of 2018 and the Executive Director of Greater Tucson Leadership (GTL) from 2005 to 2009. While Lea was serving as President/CEO of the Tucson Hispanic Chamber in 2013, the Tucson Hispanic Chamber was recognized by the U.S. Hispanic Chamber of Commerce as the Hispanic Chamber of the Year.

From 2005 to 2009 Lea owned and operated a Business Brokerage Firm and from 1998 to 2005 a chain of six gasoline stations/convenience stores with 50 employees in the Tucson region.

Lea has been appointed to serve on the Arizona Judicial Council, which advises the Arizona Supreme Court and the Arizona Finance Authority, the state's bonding authority. She chairs the Tenet Health Board of Directors of Carondelet's St Mary's and St Joseph's Hospitals in Tucson and is the former Chair of the Pima Association of Governments' Economic Vitality Committee. She serves on the Board of the Pima County Workforce Investment Board and is the past President of the National Association of Women Business Owners in Tucson. She also chairs the Board of the national Small Business Development Council for the U.S Small Business Administration.

She received her undergraduate degrees in Marketing and Entrepreneurship from the University of Arizona, and her Master of Business Administration from Pepperdine University. She resides in Tucson and is married with two children.



PHILIP D. MOELLER is Executive Vice President, Business Operations Group and Regulatory Affairs at the Edison Electric Institute (EEI). EEI is the association that represents all of the nation's investorowned electric companies.

Mr. Moeller has significant responsibility over a broad range of issues that affect the future structure of the electric power industry and new rules in evolving competitive markets. He has responsibility over the strategic areas of energy supply and finance, environment, energy delivery, energy services, federal and state regulatory issues, and international affairs.

EEI's member companies increasingly are focused on delivering innovative solutions that meet customers' changing expectations. Mr. Moeller works with EEI's member companies to identify policy solutions and business opportunities to better serve customers.

Prior to joining EEI in February 2016, Mr. Moeller served as a Commissioner on the Federal Energy Regulatory Commission (FERC), ending his tenure as the second-longest serving member of the Commission. In office from 2006 through 2015, Mr. Moeller ended his service as the only Senate-confirmed member of the federal government appointed by both President George W. Bush and President Barack Obama. At FERC, Mr. Moeller championed policies promoting improved wholesale electricity markets, increasing investment in electric transmission and natural gas pipeline infrastructure, and enhancing the coordination of the electric power and natural gas industries.

Earlier in his career, Mr. Moeller headed the Washington, D.C., office of Alliant Energy Corporation. He also served as a Senior Legislative Assistant for Energy Policy to U.S.

Senator Slade Gorton (R-WA), and as the Staff Coordinator of the Washington State Senate Energy and Telecommunications Committee in Olympia, Washington.

Mr. Moeller was born in Chicago and raised on a ranch near Spokane, Washington. He received a BA in Political Science from Stanford University.



JOSH NOVACHECK is an Electricity System Research Engineer in the Grid Planning and Analysis Center at the National Renewable Energy Laboratory. In his role, Josh seeks to identify, anticipate, and plan for risks to the power system posed by the transition to a decarbonized system and disseminate that information to industry and policy makers. Josh holds a bachelor's degree in Physics from St. John's University in Minnesota and master's degrees in Mechanical Engineering and Natural Resources & Environment from the University of Michigan.



BRANDEN SUDDUTH, Vice President of Reliability Planning and Performance Analysis, is responsible for WECC's technical and analysis functions, including Reliability Planning and Assessments, Standards Development, Performance Analysis, Event Analysis, and Situation Awareness.

In his previous role as Director of Reliability Risk Management, Branden provided leadership and strategic direction for the Performance Analysis and Event Analysis/Situation Awareness departments and was responsible for supporting several industry stakeholder efforts through WECC's Operating and Market Interface Committees.

Branden also held various engineering and management roles within WECC's Reliability Planning department. In these roles, he gained extensive experience in bulk power system modeling and analysis.

Branden holds a Bachelor of Science degree in electrical engineering from Brigham Young University, a Master of Engineering degree in electrical engineering from the University of Idaho, and an MBA from Weber State University.



JOSEPH SULLIVAN was appointed to the Minnesota Public Utilities Commission by Governor Tim Walz, effective April 6, 2020, and appointed Vice Chair on May 21, 2020. Vice Chair Sullivan currently serves as a member of the Board of Directors for the Organization of MISO States (OMS). He also serves as a member of the National Association of Regulatory Utility Commissioners (NARUC).

Sullivan previously served as Deputy Commissioner for the Division of Energy Resources at the Minnesota Department of Commerce. In this role, Joe led the Division and supervised the Minnesota State Energy Office and the Energy Planning and Advocacy unit.

Joe holds degrees from Marquette University and University of Wisconsin Law School.



ERIK TAKAYESU is senior vice president of the Asset Strategy & Planning organization at Southern California Edison. He leads the asset management, planning, technology and prioritization of work across the utility to help build capabilities as we execute our reliability, resiliency and clean energy goals, working closely with the SCE and Edison International strategy teams.

Before his current role, he served as vice president of Transmission, Substations and Operations in the Transmission and Distribution organization at SCE. He was responsible for all substation and transmission construction and maintenance, as well as transmission and sub-transmission grid operations, including system performance, reliability, wildfire mitigation, compliance and emergency response and restoration.

Takayesu joined SCE in 1991. Takayesu was previously managing director of Integrated Innovation & Modernization. In that role, he was responsible for developing the company's strategy and technical capabilities for the future electric system to meet the state's ambitious goals to reduce greenhouse gas emissions.

Takayesu serves on the boards of directors for several organizations, including the College of Engineering for California State University, Long Beach and Pomona, North American Transmission Forum, the Western Energy Institute and Leadership Education for Asian Pacifics. He's also on the Executive Advisory Council to the Power and Engineering Society (IEEE PES).

Takayesu earned a bachelor's degree in electrical engineering at California State University, Long Beach and a master's degree in organizational leadership at Gonzaga University. He is also a licensed professional engineer in the state of California.



LETHA TAWNEY was appointed to the Oregon Public Utility Commission by Governor Kate Brown in June 2018. Commissioner Tawney represents Oregon on the Electricity and the Critical Infrastructure committees for the National Association of Regulatory Utility Commissioners (NARUC). She also serves on the Energy Trust of Oregon Board of Directors, and as Chair of the Energy Imbalance Market Board of State Regulators (EIM-BOSR), engaging closely on Western electricity market development in several forums.

Prior to her appointment, Commissioner Tawney was an expert on electric utility business models, state regulation, clean energy development, and large customer buying strategies for World Resources Institute (WRI). As the WRI Polsky Chair for Renewable Energy, she propelled innovation in business and regulatory models in the power sector. Commissioner Tawney has a deep understanding of the constraints and interests driving both utilities and their customers as technology creates large-scale change in the sector.

Commissioner Tawney holds a Master's of Public Administration from the Harvard Kennedy School and earned a Bachelor of Science degree from George Fox University in business and computer science.

First Term: June 18, 2018 – May 31, 2020

Second Term: June 1, 2020 - May 31, 2024



JORDAN WHITE joined GridLiance in 2021 as Executive Director, Development, where he focuses on electric transmission development in the western United States. Prior to joining GridLiance, Jordan served as a Vice President of Strategic Engagement and Deputy General Counsel for the Western Electricity Coordinating Council (WECC). Before his time at WECC, Jordan worked as legal counsel to the Utah Public Service Commission until his appointment as a commissioner by Governor Gary Herbert in 2015. During his time at the Commission, Jordan served as President of the National Conference of Regulatory Attorneys, Chair of the

CAISO Western Energy Imbalance Market Body of State Regulators, Chair of the Western Interconnection Regional Advisory Body, Regulatory Liaison to RC West, President of the Western Conference of Public Service Commissioners, and as a Class 5 Representative on Peak Reliability's Member Advisory Committee.

Jordan began his legal career at the law firm Fabian VanCott in Salt Lake City where he represented clients on energy and natural resource matters. Jordan later worked as in-house counsel for energy companies including PacifiCorp and NextEra Energy, Inc.,

where his work focused on electric utility operations, competitive transmission development, and regulatory matters.

Before law school, Jordan practiced as a mental health therapist and later served on the boards of YMCA of Northern Utah and Futures Through Choices, a non-profit organization that strives to enhance the lives of individuals with developmental disabilities. He received his undergraduate, master of social work, and law degree from the University of Utah.



HAYLEY WILLIAMSON was appointed Chair of the Public Utilities Commission of Nevada by Governor Steve Sisolak effective January 1, 2020.

Governor Sisolak appointed Chair Williamson as a PUCN Commissioner on April 29, 2019. As a Commissioner, she has been responsible for developing rules for many important pieces of legislation, including rules to implement Nevada's new Renewable Portfolio Standard and Natural Disaster Protection Plans. Chair Williamson has worked at the PUCN since 2013 and has more than a decade of public utility law experience. Before her appointment to the Commission, Chair Williamson served as senior assistant general counsel and acting general counsel.

In addition to her role at the PUCN, Chair Williamson is a Governor appointee to the Nevada Transmission Task Force and is the Vice Chair of the Body of State Regulators. Chair Williamson is also the Vice Chair of Board of the Tahoe Regional Planning Agency, a bistate agency leading the regional effort for Lake Tahoe's conservation and restoration.

Chair Williamson graduated magna cum laude from the University of Wisconsin - Stevens Point, where she earned her bachelor's degree; and magna cum laude from Vermont Law School, where she earned her Juris Doctorate. At Vermont Law School, Chair Williamson was an editor of the Vermont Law Review. She also holds a Master of Philosophy degree from the University of Cambridge, where she wrote her master's thesis on renewable energy and land use issues on the West Coast.

Chair Williamson lives in Stateline, Nevada in the Lake Tahoe area with her family.



JONATHAN WOLDEMARIAM is the Director of Wildfire Mitigation for San Diego Gas & Electric (SDG&E). Woldemariam is responsible for developing and overseeing the execution of the Company's Wildfire Mitigation Plan. He works to optimize a portfolio of initiatives to help decrease wildfire risk.

Woldemariam joined SDG&E in 1994 and has served as a director for Transmission and Substation Operations, Electric Transmission and Distribution Engineering, and Construction Services. He has over 28 years of experience in the electric utility industry. He is on the Board of Directors 2-1-1 San Diego, a local non-profit which is the region's trusted source for access to community, health, social, and disaster services.

Woldemariam has a bachelor's degree in electrical engineering, with a major field of study in Electrical Power and is a licensed Professional Engineer in California.