

H₂ SUMMIT — 2023 —

ADVANCING THE FUTURE OF ENERGY

The second annual Hydrogen Summit is a collaboration between Peoples Natural Gas, Energy Innovation Center Institute (EICI), and Bedford Management Partners to position our region to be a leader in global energy innovation.

PEOPLES-GAS.COM/H2SUMMIT



PROGRAM SCHEDULE

May 23, 2023

- 11:15 | Arrival and Registration**
- 11:30 | Lunch**
- Working Lunch
- 12:15 | Welcome**
- Emcee: Alex DiClaudio, Managing Director, Bedford Management Partners (BMP)
- 12:20 | Opening Remarks: The Impacts of Hydrogen to our Region and World**
- Chris Franklin, Chairman and CEO, Essential Utilities
 - Rich DiClaudio, CEO, EICI and BMP
- 12:40 | Presentation: Regional and National Hydrogen Hub FOA Overview**
- **ARCH2** – Don LaMonaca, Critical Infrastructure Business Line Director, Battelle
 - **Team PA** – Abby Smith, President and CEO, Team Pennsylvania Foundation
 - **CCUS FOA** – Vera Krekanova, Chief Strategy and Research Officer, Allegheny Conference on Community Development
- Moderator: Chuck Zelek, CEO, Climate Smart Carbon**
- 1:00 | Fireside Chat: Hydrogen in the Transportation Sector**
- Don Rivetti, Chief Operating Officer, Pittsburgh Regional Transit
 - Priya Swamy, VP of Sustainable Energy and Environment, Allegheny Science and Technology
- 1:20 | Panel 1: Utility Innovations with Hydrogen**
- Doug Bush, Director, Strategy and Corporate Development, Peoples Natural Gas
 - Erich Evans, Director, Strategy, NiSource, Inc.
 - Chris Chen, Manager, Business Development, New Jersey Natural Gas
- Moderator: Karen Harbert, President and CEO, American Gas Association**
- 1:50 | Presentation: Local Business Efforts Related to H2**
- Rich Fitzgerald, Allegheny County Executive
- 2:00 | Panel 2: Hydrogen End Users at Every Scale**
- **Large Scale Power** – Aaron Tasin, VP Sales and Engineering, Northeast-Western Energy Systems
 - **Residential Usage and Safety Concerns** – Jim Dorris, Chief Strategy Officer, National Safety Council; Managing Director, BMP
- Moderator: Mike Huwar, President, Peoples Natural Gas**

PROGRAM SCHEDULE

May 23, 2023

- 2:30 | Break and Networking Opportunity**
- 2:45 | Presentation: Developing the H2 Energy Paradigm**
- Dr. Doug Wyatt, Ph.D., Advisory Scientist for Research and Technology, Amentum
- 2:55 | Presentation: Other Advancements in Clean Energy**
- Sammy Henteleff, Director, Strategic and Financial Planning, Long Ridge Energy
- 3:15 | Panel 3: The Colors of Hydrogen and the Path to a Hub**
- **Turquoise** – Tony Pan, CEO, Modern Hydrogen
 - **Blue** – Rob Wingo, EVP Ventures, EQT
 - **Green** – Kevin O'Brien, Investor Relations Manager, Plug Power
- Moderator: Matt Rhodes, EVP Strategy and Corporate Development, Essential Utilities**
- 3:45 | Presentation: Workforce Challenges and the EICI Infrastructure Academy**
- Paul Metro, Director, EICI
- 3:50 | Break and Networking Opportunity**
- 4:05 | Presentation: Clean Energy Transition in PA: Government Perspective**
- Adam Walters, Senior Energy Advisor, Pennsylvania Office of Energy
- 4:20 | Presentation: Carbon Capture and Hydrogen Production Technology**
- Ivo Stivorc, Vice President, X, the moonshot factory
- 4:35 | Panel 4: Private Capital to Sustainably Fund the Energy Transition**
- Teddy Egers, Principal, GCM Grosvenor
 - John Markwell, Head of Commercial Management, Exus Management Partners
 - Dinkar Bhatia, Co-Head of North American Power, Hartree
- Moderator: Rich DiClaudio, CEO, EICI and BMP**
- 5:05 | Closing Remarks: Next Steps for the Region**
- Mike Huwar, President, Peoples Natural Gas
- 5:15 | Cocktail/Networking Reception**
- 6:30 | Conclusion**

EMCEE



Alex DiClaudio

Managing Director, Bedford Management Partners

Alex DiClaudio is a co-founding partner and managing director at Bedford Management Partners, a private capital and advisory firm focused on clean energy transition and sustainable infrastructure headquartered at the Energy Innovation Center in Pittsburgh, PA. He has over a decade of experience in energy transition and technology, having previously served as a director of Texas-based energy and tech private equity firm, and as the president and CEO of HiUp North America, the US subsidiary of Dublin, Ireland-based international technology firm Olive Media Group. DiClaudio's expertise in strategic development and execution, project management, and communications has led him to be an in-demand consultant and advisor for a variety of firms across industries.

DiClaudio earned his B.S. and M.S. at Carnegie Mellon University, studying in the Tepper School of Business, Dietrich College of Humanities and Social Sciences, and H. John Heinz III College of Information Systems and Public Policy. He served for 11 years as a director of CMU's international Alumni Association Board, including six years as an officer, and a term as President of the Alumni Association and ex officio University Trustee. He currently serves as a board member of the Carnegie Hero Fund Commission.

OPENING REMARKS

The Impacts of Hydrogen to our Region and World



Christopher Franklin

Chairman and Chief Executive Officer, Essential Utilities

A fixture of the Essential leadership team, Christopher Franklin is chairman and CEO of Essential Utilities, Inc. (NYSE: WTRG). Essential is one of the largest publicly traded water, wastewater and natural gas providers in the U.S., serving approximately 5.5 million people across 10 states. He has served as CEO since July 2015, and as chairman since December 2017.

Since being named CEO in 2015, the company's market capitalization more than tripled, to over \$12 billion. Through the company's growth-through-acquisition program, customer count nearly doubled and total return to shareholders was more than 100%. These successes are attributed to Franklin refocusing the company on growing its regulated business, purchasing municipal water and wastewater systems, and shedding its under-performing unregulated businesses. The company then broadened its strategy by adding Pittsburgh-based natural gas local distribution company, Peoples with its 740,000 customers at a purchase price of \$4.3 billion.

The accomplishment of which Franklin is most proud is building a strong, mission-based management team. He has worked deliberately to bring diversity to the company's board of directors, employee base and management team. In his role as CEO, Franklin has significantly increased the presence of women in the senior leadership team. Under Franklin's leadership, the company has been recognized by the Forum of Executive Women in Philadelphia for recruiting a Board of Directors that is comprised of at least 30 percent women.

Additionally, Franklin was named one of the Philadelphia Business Journal's Most Admired CEOs in 2017 for his "strong record of innovation, outstanding financial performance, commitment to quality, a strong vision, a commitment to diversity in the workplace and contributions to the Greater Philadelphia region." In 2019, Franklin was recognized by EY (formerly Ernst & Young) with their "Entrepreneur of the Year" award for his innovative vision and many years of successful leadership in the utility industry.

Prior to his role as CEO, Franklin was president and chief operating officer. A 30-year veteran of the company, Franklin has held executive roles in public affairs, customer service and operations.

OPENING REMARKS

The Impacts of Hydrogen to our Region and World

MODERATOR

Private Capital to Sustainably
Fund the Energy Transition



Rich DiClaudio

CEO, Energy Innovation Center Institute, Inc.; CEO, Bedford Management Partners

Rich DiClaudio is a clean energy transition expert with over 30 years of experience advising, investing and operating in the energy, energy tech and energy transition spaces including as president and CEO of Energy Innovation Center Institute, Inc., CEO of Bedford Management Partners, CEO of the Infrastructure Academy™, past CEO of Blue Tip Energy (an energy and energy tech private equity fund), and past EVP and COO Hillman Energy Company (a wholly owned sub of the Hillman Company).

He has served on many boards during his career, often in leadership positions. Current board positions include: UPMC Health Plan (ISD – \$14 billion annual revenues), St Vincent Catholic Seminary as a Regent, Treasurer and member of the Executive, Bishops', and Accreditation Committees, and on the board of St Vincent College where he chairs the Endowment and Finance Committees and serves on the Executive committee. He is a founding board member and chairman of In2Market, the Building Ideas Group, a CMU energy tech start-up, and of the Redfish Group, a machine learning energy technology company based at the Santa Fe Institute in New Mexico.

DiClaudio is a convening authority on sustainability, resiliency, all phases of the clean energy transition value chain, investment tax credits, and equitable workforce development. He is often called on to testify, speak and lecture on clean energy transition, security and workforce impact topics at various summits, national and European universities, and before governing bodies at the state and federal level in the US.

MODERATOR

Regional and National Hydrogen Hub FOA Overview



Chuck Zelek

CEO, Climate Smart Carbon

Charles (Chuck) Zelek, Ph.D., is the president of Climate Smart Business Solutions LLC, and founding partner of Climate Smart Environmental Consulting LLC. These companies assist clients to both adjust to and benefit from market opportunities resulting from the worldwide energy transition. This is accomplished via a service model implemented in conjunction with several partner companies that offers a full “cradle to grave” solution for clients, spanning from goal development, pathway optimization, capital raising (via public and private sources), and project execution. This expertise and support ensure that clients establish and/or maintain leadership positions in these highly competitive markets. Zelek is well suited to assist companies in the spaces of energy transition/climate change, rare earths and critical minerals, ESG topics, and opportunities in the agricultural space, based on an over 20-year federal government career, including senior positions at both the US Department of Energy (DOE) and US Department of Agriculture (USDA).

Zelek earned his doctorate in agricultural and applied economics from Purdue University as well as a Master of Science in Resource Economics from the University of Alaska, Fairbanks, and a Bachelor of Arts in Economics with a minor in Business from Ohio University. Zelek has taught at numerous institutions of higher education; his work has been published in numerous professional outlets.

PRESENTER

Regional and National Hydrogen Hub FOA Overview



Don LaMonaca

Critical Infrastructure Business Line Director, Battelle

Don LaMonaca is the business line director for the Critical Infrastructure Business Line (CIBL) within Battelle's Environment and Infrastructure Business Unit. With roughly 300 staff located across the United States, CIBL delivers technical services and technology-based solutions across energy and transportation sectors, including both government and commercial clients.

LaMonaca's current primary focus is leading the development and execution of Battelle's business in carbon capture and storage, low carbon energy, infrastructure resiliency and autonomous transportation.

LaMonaca began his career with Battelle in 1998 as an engineer and project manager in its Energetic System's business. He later became responsible for growing and managing Battelle's transportation business. In 2018, LaMonaca became business line director for Critical Infrastructure, adding energy programs, and specifically clean energy programs, to his portfolio. Combined, he has 30 years of experience in the development and management of advanced technologies and complex programs across energy and transportation markets.

LaMonaca holds a Bachelor of Electrical Engineering degree from the College of New Jersey and a Master of Business Administration degree from Rutgers University. He and his wife, Gabrielle live in southern New Jersey with their two sons, Sam and Jake.

PRESENTER

Regional and National Hydrogen Hub FOA Overview



Abby Smith

President and CEO, Team Pennsylvania Foundation

Abby Smith is president and CEO at Team Pennsylvania Foundation, a nonprofit, nonpartisan, statewide organization dedicated to accelerating the commonwealth's economic growth through public-private partnership. Among other initiatives, Team Pennsylvania hosts the Pennsylvania Energy Horizons Cross-Sector Collaborative, an action-oriented, statewide public-private network that brings together leaders from industry, labor, government, nonprofits, and academia to unleash innovative, technological and market-driven solutions to reduce emissions economy-wide while expanding the Commonwealth's clean energy economy.

Formerly the vice president of Policy and Programs and senior advisor to the Foundation, Smith's 20-year career includes high-level strategic planning and leading cross-sector collaboratives at the state level in Pennsylvania as well as in several other states. She has ample experience as a grant and project manager overseeing multi-million-dollar grants, serving on various state-level councils, and leading multiple public-private partnership efforts. Before serving as vice president, Smith was the director of education and workforce development at the Foundation.

Prior to joining Team Pennsylvania in 2013, Smith worked as a policy specialist at the PA Department of Education; for Teach For America as a recruitment director; and as a 7th grade social studies teacher and Teach For America corps member. She attended Yale University and earned an M.S. in teaching from The Johns Hopkins University and in public policy and management from Carnegie Mellon University. She serves as the chair of the Board of Directors of the Jewish Federation of Greater Harrisburg and JCC and is a board member of the Jewish Community Foundation of Central PA. As Chair of the Federation, Smith spearheaded the acquisition of a new Jewish community campus – the Alexander Grass Campus for Jewish Life – set to open in 2023. Smith lives in Harrisburg, PA with her husband, twin 12-year-old sons, and her dog Comet.

PRESENTER

Regional and National Hydrogen Hub FOA Overview



Vera Krekanova

Chief Strategy and Research Officer, Allegheny Conference on Community Development

Vera Krekanova is the chief strategy and research officer for the Allegheny Conference on Community Development. She serves as a member of the leadership team, playing a key role in the development of economic development strategies and interventions. Krekanova is directly responsible for developing and evaluating regional economic development agendas. She leads the organization's think tank, the PA Economy League of Greater Pittsburgh, which generates strategic insights for the board and internal C-level decision-makers and provides thought leadership on regional economic development issues.

Krekanova has over 20 years of experience in capacity building, workforce and economic development, and has worked in the US., Europe and South America.

Since 2010, Krekanova has been an adjunct faculty at the University of Pittsburgh Graduate School of Public and International Affairs. She chairs the Federal Reserve Bank of Cleveland – Pittsburgh Branch board and serves on the Phipps Conservatory and Botanical Gardens boards and the Pittsburgh Regional Health Initiative.

Krekanova holds a B.S. in social work from Charles University in Prague, an M.S. in management from Robert Morris University, and a doctorate in social and comparative analysis in public policy from the University of Pittsburgh.

FIRESIDE CHAT

Hydrogen in the Transportation Sector



Donald A. Rivetti, Jr.

Chief Operating Officer, Pittsburgh Regional Transit

Don Rivetti is the chief operating officer of maintenance for Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit (PRT) and has been with the organization for 21 years. Rivetti joined PRT in 2002 as a bus maintenance trainer, then accepted the position of manager of maintenance and service at PRT's West Mifflin Division. Unwilling to stop there, he assumed the role of director of maintenance, Main Shop. In this role, Rivetti was responsible for bus maintenance, bus maintenance training, bus maintenance support, sign maintenance repair, bus procurement and the warranty department.

In his current position, Rivetti's responsibilities include, but are not limited to, all aspects of vehicle maintenance, including maintaining 730 buses, 81 light rail vehicles and over 400 pieces of non-revenue vehicles and equipment, all while continuing to oversee bus procurement and the warranty department. He also recently gained oversight of the materials management department, including central storeroom and materials delivery.

In addition to his primary job functions, Rivetti is responsible for the agency's zero emissions roll-out plan, including the initial purchase of 8 battery electric buses and a transition to an entire zero emissions fleet by 2045.

Rivetti is an experienced maintenance professional with over 31 years of maintenance experience. In 2018, he completed Robert Morris University's Leadership Development Certificate Program for Organizational Leadership.

FIRESIDE CHAT

Hydrogen in the Transportation Sector



Priya Swamy

VP of Sustainable Energy and Environment, Allegheny Science and Technology

Priya Swamy is the vice president of sustainable energy and environment at Allegheny Science and Technology, a leading energy consulting firm based in West Virginia, and a founding partner of the ARCH2 Hydrogen Hub.

Swamy has over two decades of experience in the industry, with a diverse background that includes supporting utilities, natural gas transmission pipelines, international wind energy companies and the U.S. Department of Energy (DOE). At DOE, she worked across several technology offices, overseeing a portfolio of initiatives aimed at accelerating the deployment of advanced energy technologies and policies, as well as collaborating with other government agencies and private sector partners to promote the adoption of innovative energy solutions.

She served as the head of operations for the Hydrogen and Fuel Cell Technologies office, where her work included managing grants and funding opportunity announcements, and the loan program's officer, where she supported technical due diligence on hydrogen and advanced technology vehicle manufacturing project applications.

Swamy holds a B.S. in economics from Bryn Mawr College and a M.S. in systems engineering from George Washington University's School of Engineering and Applied Science.

MODERATOR

Utility Innovations with Hydrogen



Karen Alderman Harbert

President and Chief Executive Officer, American Gas Association

Karen Alderman Harbert is president and chief executive officer of the American Gas Association (AGA). Founded in 1918, AGA represents more than 200 local energy utility companies that deliver natural gas to 187 million Americans nationwide.

Harbert previously served as president and chief executive officer of the U.S. Chamber of Commerce's Global Energy Institute (Energy Institute). Under her leadership, the Energy Institute evolved into a premier national and international organization dedicated to advancing a constructive energy agenda with the business community, policymakers and consumers. Harbert led the Energy Institute's development of its comprehensive Energy Works for US platform, which provides policy recommendations to secure our nation's energy future and create millions of jobs, billions of dollars in revenue, and trillions of dollars of private investment. Under Harbert's leadership, the Energy Institute established the groundbreaking Index of Energy Security Risk and the International Index of Energy Security Risk, the first tools to quantify America's energy security on an annual basis.

Harbert is also the former assistant secretary for policy and international affairs at the U.S. Department of Energy (DOE), where she was the primary policy adviser to the secretary of energy and to the department on domestic and international energy issues.

Prior to joining the DOE, Harbert was deputy assistant administrator for Latin America and the Caribbean at the U.S. Agency for International Development (USAID). In the private sector, Harbert worked for over a decade developing international infrastructure and power projects in the Middle East, Asia, and Latin America.

Harbert received a degree in international policy studies and political science from Rice University. She resides in Washington, D.C.

PANELIST

Utility Innovations with Hydrogen



Doug Bush

Director, Strategy and Corporate Development, Peoples Natural Gas (an EU Company)

Doug Bush is the director of strategy and corporate development at Peoples Natural Gas. In this role, he oversees the management of unregulated energy projects including the Pittsburgh International Airport Microgrid, AHN Wexford CCHP Plant and the Allegheny County District Energy Facilities. His initiatives also include further unregulated energy project development, hydrogen transmission, and fuel cells, as well as the development of a long-term decarbonizations strategy allowing Peoples to navigate their way through the energy transition.

Bush joined Peoples in 2022, bringing over a decade of diverse experience within the energy industry. He previously served as the senior manager of Asset Management for IMG Energy Solution's portfolio of distributed power generation assets. During his tenure at the company, he developed 100 megawatts of solar power throughout Western Pennsylvania. Prior to joining IMG Energy Solutions, Bush worked as a member of Range Resource's natural gas marketing group, where he gained valuable experience in natural gas transmission logistics and trading.

Bush was born and raised in Ford City, Pennsylvania and holds a B.S. in energy business and finance from Penn State College of Earth and Mineral Sciences.

PANELIST

Utility Innovations with Hydrogen



Erich Evans

Director, Strategy, NiSource, Inc.

Erich Evans is the director of strategy and risk integration for NiSource, Inc. He works with senior leaders to identify, refine and analyze strategic issues across the gas and electric industries while developing long-term strategy and overseeing risk management activities. Prior to his current role, Evans held leadership positions over regulatory strategy, commodity sales and gas transportation. His 26 years of experience at NiSource and other companies spans natural gas and electricity in regulated and unregulated markets.

Evans holds a B.A. in economics from Miami University.

PANELIST

Utility Innovations with Hydrogen



Christopher Chen

Manager, Business Development, New Jersey Natural Gas

Christopher Chen is a business development manager at New Jersey Natural Gas. He is currently responsible for developing low-to-zero carbon projects as a part of NJNG's overall decarbonization strategy. Projects include scaled power-to-gas green hydrogen, landfill gas upgrading, wastewater RNG and hydrogen fueling stations.

Chen started his career as an electrical engineer at an engineering firm working in petrochemical refineries owned by ExxonMobil, BP and Citgo. He designed retrofits to substations and switchgear, new PLC systems and medium voltage distribution within the refineries. In 2013, he went to work for Rolls Royce Energy Systems, packaging aero-derivative gas turbines into compressors and generators as the lead electrical engineer. In 2015, Siemens acquired Rolls Royce and Chen continued to work for Siemens as the lead medium voltage engineer. With Siemens, he was on multiple R&D teams including a 45MW mobile generator capable of powering a small town.

As renewable power started growing, Chen took a role with NJR Clean Energy Ventures in 2018, NJNG's sister company, to help build New Jersey's largest solar portfolio at over 350MW. In 2020, he transferred into NJNG as a sustainability project engineer to work on low- and zero-carbon fuels such as renewable natural gas and green hydrogen and served as the lead on the Power-to-Gas Green Hydrogen project responsible for its development, engineering, permitting, construction and now, its operation and maintenance. The Power-to-Gas Green Hydrogen project, which was commissioned in 2021, is the nation's first 100% green hydrogen blending project that delivers zero-carbon fuel to residents within NJNG's service territory.

Chen received a B.S. in electrical engineering from Purdue University.

PRESENTER

Local Business Efforts Related to H2



Rich Fitzgerald

Allegheny County Executive

The county's top elected official, Rich Fitzgerald is in his third and final term as county executive. Widely recognized for his work ethic, he is one of the county's biggest champions and is well known for bringing together people and organizations on regional issues. Under Fitzgerald's leadership, Allegheny County has concentrated on economic development and job creation and boasts high-quality jobs, a diverse and growing economy, low cost of living, and an excellent quality of life.

Born and raised in the City of Pittsburgh, Fitzgerald graduated from Carnegie Mellon University. He and his wife, Cathy, live in Squirrel Hill. They have eight children.

MODERATOR

Hydrogen End Users at Every Scale

CLOSING REMARKS

Next Steps for the Region



Michael Huwar

President, Peoples Natural Gas (an EU Company)

Michael Huwar is president of the Peoples division of Essential Utilities, Inc. In his role as president, Huwar is responsible for the safe and reliable natural gas service to approximately 740,000 customers in southwestern Pennsylvania, West Virginia and Kentucky.

Huwar joined Peoples after a more than 34-year career with Columbia, serving in numerous director and vice president roles throughout the organization's operating companies before moving to his position as president and COO of Columbia's Pennsylvania and Maryland operations in 2017.

In his most recent roles at Columbia, Huwar was responsible for overseeing the operations, maintenance and construction for both states as well as designing and executing legislative, regulatory, commercial and external strategies. He led over 800 company employees, managed approximately 1,500 contractor-based construction employees and was accountable for the safe, reliable, and efficient delivery of natural gas customer service to nearly 470,000 customers across the Pennsylvania and Maryland service territories.

Huwar previously served as vice president and general operations manager for Columbia Gas of Virginia. In that role, he was responsible for all field and systems operations with a principal focus on the safe delivery of natural gas to the company's 245,000 customers. He additionally oversaw employee safety, pipeline safety and regulatory compliance initiatives.

Huwar currently serves on the board of directors for the Marcellus Shale Coalition and the Energy Association of Pennsylvania. He formerly served on the board of directors for the Virginia Utility Protection Services (VUPS), Virginia's one call center responsible for protecting all underground utilities through proactive utility location, communication and training. He is also a past board member for the Allegheny Conference on Community Development and the Pennsylvania State Registration Board for Architects, Land Surveyors and Geologists.

Huwar holds a bachelor's degree from the University of Pittsburgh. He is a native of Perryopolis, Pennsylvania, and currently resides in Franklin Park, Pennsylvania.

PANELIST

Hydrogen End Users at Every Scale



Aaron Tasin, EIT

Vice President of Sales and Engineering, Northeast-Western Energy Systems

Aaron Tasin is the vice president of sales and engineering for Northeast Energy Systems and Western Energy Systems. He joined the CHP industry in 2001 as one of the early employees of the GE Distributed Power group.

Over the last 20-plus years, Tasin has worked in various roles across the CHP industry, including project manager, service manager, sales manager and executive management. Prior to joining Northeast Energy Systems and Western Energy Systems in 2020, Tasin held positions with 2G Energy and Capstone Turbine. His pre-CHP experience includes working aboard large marine vessels as a 3rd Assistant Engineer with his Coast Guard license and working as a service technician with Wartsila Diesel.

Tasin earned a B.S. in marine systems engineering from the United States Merchant Marine Academy and holds an EIT certification in New York state.

PANELIST

Hydrogen End Users at Every Scale



Jim Dorris

Chief Strategy Officer, National Safety Council; Managing Director, Bedford Management Partners

Jim Dorris is a co-founding partner and managing director at Bedford Management Partners, an operational-focused private capital and advisory firm based in Pittsburgh, PA, specializing in energy transition and sustainable infrastructure. With extensive experience in sustainability strategy and operations, Dorris is committed to driving the successful implementation of clean energy solutions.

Dorris is also the chief strategy officer (CSO) at the National Safety Council (NSC). As CSO, he plays a pivotal role in shaping the overall strategy of the organization, collaborating closely with the CEO, executive leadership team and board of directors to drive long-term vision and growth. Before joining NSC, Dorris served in a corporate vice president position at United Rentals, Inc. (NYSE: URI), where he contributed over two decades of leadership and industry expertise, leading compliance and sustainability efforts. He previously held significant leadership roles at Cummins, Inc. (NYSE: CMI), Pfizer, Inc. (NYSE: PFE), and PepsiCo, Inc. (NASDAQ: PEP).

Dorris is an accomplished serial investor with a strong focus on technology start-ups. He actively serves on multiple boards and provides advisory support to a wide range of public and private organizations. He holds an MBA, Summa Cum Laude, from the University of Memphis' Fogelman College of Business and Economics, and M.S. and B.S. degrees from Murray State University. Dorris actively addresses environmental, social, and governance (ESG) issues and is a frequent speaker on topics including safety, sustainability, workforce development and emerging technologies.

Beyond his professional pursuits, Dorris finds joy in spending quality time with his family in Mississippi. He is also an avid supporter of Ole Miss athletics.

PRESENTER

Developing the H2 Energy Paradigm



Douglas E. Wyatt, Ph.D.

Advisory Scientist for Research and Technology, Amentum

Doug Wyatt is a research advisor, director and mentor with a history of driving innovation to creation in research science and technology. He is currently the advisory scientist in hydrogen and green energy development at Amentum and continues to advise corporate space related activities. Most recently he was the program manager/director for the Laboratory and Support Services Operations contract at the Kennedy Space Center.

Dr. Wyatt previously served as the chief technical advisor for geoscience with Halliburton Applied Sciences working with domestic and international research teams and returned to Amentum to manage the Department of Energy (DOE) deep borehole research program. Formerly the director of science research for Amentum (URS Corporation) at the DOE National Energy Technology Laboratory (NETL), Wyatt reorganized and co-managed a joint federal-commercial-academic research program.

Wyatt has more than 35 years of progressive experience in the federal-commercial-academic research sector and has 10 patents awarded or pending. He has more than 60 peer reviewed papers, 30-plus stringently peer-reviewed governmental reports, and more than 60 trade journal, magazine, newspaper, and television or radio appearances. Professionally, Wyatt is a Registered Professional Geologist and an AAPG Certified Petroleum Geophysicist. He is a fellow of the Geological Society of London has been the AAPG division president for the Divisions of Environmental Geosciences and Energy Minerals, has chaired several committees for the Society of Exploration Geophysics, and is a former executive board member of the Environmental Division of the American Nuclear Society.

Wyatt received two Bachelor of Art degrees from the University of Tennessee, in Zoology and Physical Geography, a Master of Science in Geology and Geophysics from Vanderbilt University, and a doctorate in Geological Science from the University of South Carolina.

PRESENTER

Other Advancements in Clean Energy



Sammy Henteleff

Director, Strategic and Financial Planning, Long Ridge Energy

Sammy Henteleff is the director of strategic and financial planning at Long Ridge Energy. He creates financial models for both the existing business and future growth opportunities.

Previously, Henteleff spent eight years at EQT, where he was most recently the lead analyst on the finance team, and before that, a member of the commercial organization focused on natural gas liquids. He has also held various analytical roles in both the Energy and Banking sectors and enjoys financial modeling for startups in his spare time.

Henteleff holds a B.S. in scientific computing from the University of Pittsburgh and an MBA from Carnegie Mellon University.

MODERATOR

The Colors of Hydrogen Production and the Path to a Hub



Matthew Rhodes

Executive Vice President, Strategy and Corporate Development, Essential Utilities

Matthew Rhodes is executive vice president, strategy and corporate development for Essential (NYSE: WTRG), one of the largest publicly traded water, wastewater and natural gas providers in the U.S., serving approximately 5 million people across 10 states. Rhodes leads the development and execution of Essential's strategic initiatives, with an emphasis on growth. Additionally, he is responsible for the organization's overall corporate development, including acquisitions of regulated and market-based businesses, and oversees operations of the market-based (non-utility) businesses.

Since joining the organization, Rhodes has led numerous acquisitions and nearly doubled the company's customer base. His key accomplishments include closing numerous water and wastewater municipal acquisitions. Rhodes also led the company's historic acquisition of natural gas distribution company Peoples, which brought together the second-largest U.S. water utility and fifth-largest U.S. stand-alone natural gas local distribution company (based on customers).

Rhodes joined Essential after over a decade in the investment banking division at Goldman Sachs, as a managing director in the Global Natural Resources group. Rhodes led the coverage effort for more than 25 electric and gas utility clients and executed numerous M&A and financing transactions totaling over \$100 billion in value. Prior to Goldman Sachs, Rhodes worked at Bank of America and Duke Capital Partners, focusing on oil and gas lending and investing.

Rhodes serves on the board of Common Denominator, which provides free one-on-one math tutoring to disadvantaged middle school children, and the Bryn Mawr Hospital Foundation. He received a B.A. in finance from the University of Texas, Austin, and an MBA with Honors from the Stern School of Business at New York University.

PANELIST

The Colors of Hydrogen Production and the Path to a Hub



Tony Pan

CEO, Modern Hydrogen

Dr. Tony Pan is the CEO and co-founder of Modern Hydrogen and Modern Electron. He is an inventor of over 250 pending patents in energy and climate, nanotechnology and biomedical devices.

A term member at the Council on Foreign Relations and a published scientist in theoretical physics, Dr. Pan previously served as a member of the Global Future Councils on Entrepreneurship and Energy, and was a Global Shaper of the World Economic Forum. He was also a pro bono consultant on global health for the Bill and Melinda Gates Foundation and for the Global Good Fund and worked as a strategist at Goldman Sachs.

Pan is a recipient of national fellowships from Hertz, Soros and the National Science Foundation and has been named to Forbes 30 under 30, MIT Technology Review Innovator Under 35, and the Business Journal's 40 under 40.

He has a B.S. and a doctorate in physics from Stanford and Harvard University respectively.

PANELIST

The Colors of Hydrogen Production and the Path to a Hub



Rob Wingo

Executive Vice President, Corporate Ventures, EQT

Rob Wingo is executive vice president, corporate ventures for EQT, the largest natural gas producer in the US. In this role he leads the company's effort to identify and enter new businesses including low carbon energy opportunities.

Wingo previously served as managing director at Encap Flatrock Midstream. Prior to that he was a senior vice president of Midstream and Marketing for Rice Energy, as well as chief operating officer and a member of the board of directors for Rice Midstream Partners, where he helped launch the company's midstream business and led its growth to become one of the largest providers of dry gas gathering and freshwater delivery services in the Marcellus and Utica shales and one of the largest sellers of natural gas in the Appalachian Basin.

Prior to Rice, Wingo worked for Copano Energy, where he held positions in operations, engineering, project management, business development and corporate development. He earned a B.S. in aerospace engineering from the University of Texas at Austin.

PANELIST

The Colors of Hydrogen Production and the Path to a Hub



Kevin O'Brien

Investor Relations Manager, Plug Power

Kevin O'Brien is an investor relations manager for Plug Power. He also works in the company's energy business unit on project finance and business development initiatives for its Green Hydrogen plant network and electrolyzer solutions.

Prior to joining Plug, O'Brien worked in the finance and business development organizations at Marathon Petroleum, where he was the finance lead on various hydrogen related initiatives. He started his career at Seaport Global Securities as an equity research analyst covering the Oil and Gas Exploration and Production sector.

O'Brien received a B.S. in finance from Seton Hall University and is currently pursuing an MBA from the Tepper School of Business at Carnegie Mellon University.

PRESENTER

Workforce Challenges and the EICI Infrastructure Academy



Paul Metro

Director, Energy Innovation Center Institute's (EICI) Infrastructure Academy™

Prior to his current role, Metro spent 35 years with the Pennsylvania Public Utility Commission. He served as director of safety, focusing on gas, electric, telephone, water and wastewater and PA1Call enforcement. He also served as director of training.

Metro is also chairman of the National Association of Pipeline Safety Representatives (NAPSR), where he has testified multiple times before the U.S. House of Representatives and the National Transportation Safety Board regarding pipeline safety issues.

He is also the founder of Oak Tree Group Consultants and serves as an advisor to Bedford Management Partners.

PRESENTER

Clean Energy Transition in PA: Government Perspective



Adam Walters

Senior Energy Advisor, Pennsylvania Office of Energy

Adam is senior energy advisor for the Department of Community and Economic Development's Office of Energy. Adam works across public, private and non-profit sectors to bring energy-related economic development opportunities to the commonwealth. Previously, he was a William Penn Fellow with the Pennsylvania Department of Community and Economic Development where he supported the agency's goals of developing business investment and recruitment strategies for the commonwealth in the energy sector. Adam earned his Master of Public Administration from Penn State University and holds a B.S. in international relations.

PRESENTER

Carbon Capture and Hydrogen Production Technology



Ivo Stivoric

Vice President, X, the moonshot factory

Ivo Stivoric is a vice president at X, the moonshot factory where he runs a portfolio of projects focused on radical new approaches to tackling climate, sustainability and social justice issues. For the last eight years, he has incubated dozens of moonshot technologies, projects and teams, while also forging strong partnerships with organizations outside of X to help bring these nascent ideas and technologies to life and commercial scale.

Some of the Alphabet companies and projects to emerge from Stivoric's portfolio include moonshots for industrial robotics, connectivity, therapeutics, the electric grid, ocean health, supply chain and logistics, and waste.

PANELIST

Private Capital to Sustainably Fund the Energy Transition



Teddy Egers

Principal, GCM Grosvenor

Teddy Egers is a principal at GCM Grosvenor where he focuses on direct infrastructure investments located in North America. He is responsible for originating, executing and managing investments, including board level duties. Currently, Egers is helping the firm manage its natural gas storage, solid waste, power and cold storage platform investments. Prior to joining GCM Grosvenor, Egers spent two years with Global Infrastructure Partners as an investment associate focusing on North American midstream assets. Prior to that, he served as an energy M&A analyst with Wells Fargo Securities, where he assisted with advisory work for companies in the midstream and upstream sectors.

Egers graduated cum laude with his B.S. and his M.S. in finance from the University of Florida.

PANELIST

Private Capital to Sustainably Fund the Energy Transition



John Markwell

Head of Commercial Management, Exus Management Partners

John Markwell leads the commercial team at Exus Management Partners, an independent investment and asset management firm focused on the renewable energy sector. Exus works on behalf of an increasing variety of investors to source investment opportunities, acquire assets and undertake full technical and commercial management of renewable energy portfolios worldwide. Exus currently manages 10 gigawatts (GW) of renewables globally with 4 GW located across North America.

Markwell has over 12 years of experience in the power industry specializing in structured power products, power origination, and portfolio management. Prior to Exus, he was a commercial manager at Centrica.

PANELIST

Private Capital to Sustainably Fund the Energy Transition



Dinkar Bhatia

Co-Head of North American Power, Hartree

Dinkar Bhatia currently serves as the co-head of North American Power and is a partner at Hartree Partners, LP, a private global energy merchant. Bhatia has led transactions purchasing and financing renewable, biomass and thermal facilities, intermediates commodity risk in electricity and natural gas, and currently leads a team of trade specialists warehousing risk in energy and renewable markets across North America.

Additionally, Bhatia has over 20 years of experience originating, structuring and managing complex derivative, physical and acquisition transactions in various commodity markets including electricity, natural gas, renewable and full requirements demand markets.

Previously, Dinkar has held key roles in firms such as Goldman Sachs, Constellation Energy and PG&E National Energy Group. He currently sits on the board at various private and non-profit entities.

ABOUT US

[Peoples](#), an [Essential Utilities](#) company, provides natural gas service to approximately 750,000 homes and businesses in Western Pennsylvania, West Virginia, and Kentucky. Peoples is committed to our customers, our employees, our environment and to the regions we serve. Follow Peoples on social media @peoplesnatgas.

The [Energy Innovation Center Institute](#) (EICI) is a 501(c)3 organization created to help solve the world's most intractable problems by advancing equitable and carbon free resiliency for humans, energy, and food systems. Its focus includes innovative workforce development programming and fostering advances in zero carbon energy technologies and systems. Since 2016, the EICI has hosted over 22,000 people from around the world at mission aligned conferences and events and has grown to become one of the largest and most effective workforce development organizations for minorities and others with barriers to workforce entry in the Commonwealth.

[Bedford Management Partners](#) is a private capital investment vehicle designed to deploy an investment strategy focused on buying, building, and operating a portfolio of low-carbon power systems, low carbon (CEA) food systems, and related technologies.

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