

Delaware Energy Efficiency Advisory Council Council Member Bios

The Energy Efficiency Advisory Council (EEAC) is charged with assisting in the development and deployment of energy efficiency programs and financing mechanisms which will be offered by Delaware energy providers. The 13-member EEAC includes representatives from the Delaware Department of Natural Resources and Environmental Control, the Sustainable Energy Utility, Delaware energy utilities, and representatives from the manufacturing, agriculture, environmental, commercial, residential, and low-income sectors.

Rob Underwood

Energy Administrator for Delaware's Department and Natural Resources and Environmental Control (DNREC's), Division of Energy and Climate. Rob's responsibilities include energy policy and programs involving energy efficiency, renewable energy, evaluation and measurement, and building energy codes. Rob has been with DNREC for the past 9 years which was preceded by 20 years of military service. Rob is a graduate of Wesley College holding a Bachelor of Science Degree in Environmental Science and Wilmington University holding a Master of Science in Public Administration and a Master of Business Administration. Rob Underwood represents DNREC on the EEAC and serves as the Council Chair.

Glenn A. Moore

Glenn Moore is Vice President of Delmarva Power Region. A 29-year veteran of Delmarva Power, Moore has held a number of positions across the utility. Those positions were in Corporate Planning, the Gas Division, Human Resources and Customer Advocate. Moore is an alumnus of the University of Delaware, where he earned both a bachelor's and master's degree in economics.

Born and raised in Delaware, Moore lives in Newark with his two children. Moore is currently the immediate past President of the Boy Scouts of the Delmarva Council and on the boards of Wilmington Renaissance Corporation-becoming President in January, the Red Cross and will be joining the board of Junior Achievement of Delaware. He is also a past board member on the University of Delaware Alumni Association.

Mark A. Nielson

Mark Nielson has over 30 years of experience with Delaware Electric Cooperative, a distribution electric cooperative, serving 88,000 members in the state of Delaware. As Vice President, Staff Services, Mark oversees the Cooperatives strategic planning, rates and regulatory requirements which include an aggressive Renewable Portfolio Standard requiring the cooperative to have 25% renewables by 2025 with 3½% of that coming from solar. Mark manages various grant programs for the cooperative which includes a significant number of net metering members and has contributed to drafting legislation enabling net-metering in Delaware. Mark serves on various committees including the Delaware Renewable Energy Taskforce, Delaware Energy Efficiency Resource Standard Workgroup, Rural Electric Management Development Council, Delmarva Peninsula Planning Committee and is a board member of the Solar Electric Power Association (SEPA).

Bill O'Brien

Represents Chesapeake Utilities, which is the natural gas distribution company serving Delaware south of the C&D Canal. As Director of Pricing and Regulatory Affairs, Bill leads all regulatory activities for the Company's operations in Delaware and Maryland. He has served in various regulatory and legal roles in Delaware for over twenty years. Bill earned his Bachelor's degree in Mechanical Engineering from Virginia Tech in 1985 and his law degree from the University of Maryland in 1989. He is a resident of Camden, Delaware.

Scott Lynch

Currently the Energy Services Manager for the Delaware Municipal Electric Corporation (DEMEC). He oversees the energy legislative and programmatic activities of the nine municipal electric distribution companies in Delaware. He previously worked as an energy program planner at the Delaware Energy Office. As a planner he was responsible for overseeing utility green energy incentives and state energy legislation. He has a Masters in Energy and Environmental Policy and a Bachelors in Geology from the University of Delaware. He is a Certified Energy Manager and Building Performance Institute certified Residential Energy Auditor.

Amy Roe

Amy Roe has 15 years of experience in energy policy analysis and advocacy, including research and outreach in energy education for low-income and fixed-income families with the Urban Health and Environmental Learning Project at Peoples Settlement Association in Eastside Wilmington as well as with the Phillips community in Minneapolis. She developed the curriculum and taught the SEU's Early Launch energy efficiency education program "Knowledge of Power", as well as several courses at the University of Delaware, including Introduction to Energy Policy and Sustainable Energy Policy and Planning. Amy's nonprofit advocacy efforts have focused on improving public health, environmental justice, energy efficiency and renewable energy, wildlife conservation and the protection of Delaware's Coastal Zone. Representing the environmental sector on the Council, Amy is the Conservation Chair of the Delaware Audubon Society and serves on the executive committee of the Newark Branch NAACP. Amy has her Ph.D. in Energy and Environmental Policy, as well as a Master of Energy and Environmental Policy, Master of Arts in History, and a Master of Arts in Anthropology and History Education from the University of Delaware.

Sanjay Kapuria

Is a twenty-two year veteran of the technology and engineering sectors, having sold a previous tech firm to Subex before founding Jaykal LED Solutions (JAYKAL). Under Mr. Kapuria's leadership, JAYKAL has grown to serve the LED lighting needs of the United Nations World Food Programme, the United States Navy and multinational corporations like Coca-Cola. Mr. Kapuria holds a Bachelor's Degree in Computer Engineering and a Master's Degree in Computer Science the New York Institute of Technology. An eight year resident of Delaware, Mr. Kapuria runs JAYKAL from his office in Harbeson and lives in Lewes with his wife, Kajal. Mr. Kapuria represents the commercial sector on the EEAC.

Carl Johnson, P.E., CEM

Carl Johnson is the Senior Environmental Engineer for Perdue Farms Incorporated. Mr. Johnson received his B. S. degree in Agricultural Engineering from Penn State University in 1977. Since that time he has been employed by Perdue Farms. During this time he has been involved in the construction, maintenance, and operation of poultry facilities. As a Certified Energy Manager, he is active in the efficient use of energy and water at all company locations today. Mr. Johnson represents the agricultural sector on the EEAC.

John Sykes

Mr. Sykes, representing the low-income sector for the EEAC, is the Founding Director of Delaware Interfaith Power and Light (DeIPL), whose 22 member congregations strive to combat the causes and effects of global warming through energy conservation and efficiency and advocacy for clean energy. Currently, Mr. Sykes is Program Manager for the DeIPL Green Empowerment Program, working with community organizers, faith leaders, utilities, city officials, businesses and other NGOs to assist low-income residents, local businesses and houses of worship to lower their reliance on energy.

Cassandra T. Marshall

Is the current President of the Quaker Hill Neighborhood Association, located in Wilmington's West Center City. Quaker Hill is a National Historic Neighborhood of century-old buildings requiring special attention in working at reducing energy usage. The neighbors in Quaker Hill include low-to-moderate income residents, as well as established churches and businesses, and all work at managing the challenges of living with very old buildings. She is representing the City of Wilmington, with its challenges of implementing energy efficiency programs that are targeted to older homes, a high percentage of properties committed to rental and a low income community in need of strategies to reduce energy costs. In addition, she serves as a Board Member for the Quaker Hill Historic Preservation Foundation, whose mission is to work at preserving and promoting the Underground Railroad history of the area. With a background in natural sciences, Ms. Marshall's work career has been in program development and project management for various environmental engineering and cleanup firms. Ms. Marshall is very active throughout the Wilmington community and looks forward to working on energy efficiency programs tailored to older, urban neighborhoods in Delaware. Ms. Marshall represents the residential sector on the EEAC.

Humberto L. Caldelas

Mr. Caldelas represents the manufacturing sector on the EEAC. He is Croda, Inc. Managing Director – Operations, North America. In this position, Mr. Caldelas has direct responsibility for manufacturing, operations, supply chain and product regulatory and chairs the Croda Americas Manufacturing council. He has a bachelor's of science degree in chemical engineering from the University of Veracruz. Mr. Caldelas has served on the board of the Virginia Manufacturers Association, the Hopewell, VA Manufacturers Association, Co-Chair of the Hopewell, VA Community and Industry Panel; Mr. Caldelas participated as a panel member in Governors Bob McDonnell Summit on Virginia's Energy Future in March 11, 2010 as well as a presenter in The Governor's Conference on Energy in October 12-14 of 2010.

In 2013 Croda was Ranked 28th in the Global Top 100 Most Sustainable Corporations. Croda has executed several Sustainability / Energy efficiency projects at its Atlas Point Manufacturing Site which include: Utilization of Land fill gas to Generate Electricity and Steam as well as Solar Panel Installation for Electricity Generation.

Joseph Schorah

Mr. Schorah represents the Delaware Sustainable Energy Utility on the Council. He is the current Business Agent for Sheet Metal Workers Local Union 19. A native and lifelong resident of Delaware, he currently lives in Bear with his family. He served a four year apprenticeship and has been a member of Local 19 for 25 years. He attended George Meaney Labor College in Maryland. Joe currently serves on several boards including the Sustainable Energy Utility Oversight Board, the Joint Apprenticeship Training Committee, Sheet Metal & Contractors National Association, Delcastle Votech Advisory Committee, United Way of Delaware, and the Delaware Environmental Economic Development (DEED) Committee. He is also Secretary Treasurer of International Nuclear & Industrial Committee and Chairman of New Castle County License Inspection Review Board (LIRB).

State Senator Harris B. McDowell, III (D, Wilmington)

Senator McDowell represents the Delaware Sustainable Energy Utility on the EEAC. He is Chair of the Joint Finance Committee, Chair of the Delaware Sustainable Energy Utility and its Oversight Board, Chair of the Senate Energy and Transit Committee since 1977, Chair of the Children's, Youth, and Families Committee, Co-Chair of the International Council of Delaware, and previously Senate Majority Leader, and Sen. McDowell is also a board member and founder of the National Coalition of Environmental Legislators, founder of the Legislators Clean Air Policy Committee, and committee member of the National Action Plan for Energy Efficiency, member of the Northeast US Task Force on Global Warming.

As well as 3 times past chair of the Council of State Governments Eastern Region, Energy and Environment Committee. He has also served as Co-chair of the Energy and Agriculture committee of the National Conference of State Legislatures (NCSL).

Among other accomplishments Sen. McDowell is credited with creating the Delaware Energy Office, the Delaware Public Advocate, the first Low Income Heating Assistance Program in the country, as well as passage of two Renewable Portfolio Standards bills, creating the State's Green Energy Fund (systems benefit charge), Performance Contracting legislation, creating the Sustainable Energy Utility, and upgrading the states building codes to comply with ASHRAE and ICC/IECC standards.(all of which he was the principal sponsor). He played an instrumental role in creating and passing legislation allowing Delaware to participate in Regional Greenhouse Gas Initiative (RGGI), and cap and trade program. His public career has been devoted to the promotion of sustainable energy (including renewable energy, energy conservation, and energy efficiency) as our best economic and environmental policy option at the local, national and international levels. In 2007 he was honored by the National Energy Marketers Association for his leadership in the field of Renewable Energy.

His work in the Children's Youth and Families committee include creating the Department of Children's, Youth, and Family in 1983, it is known as one of the largest and most comprehensive Children's departments in the country. He is also a member of the Kid's Caucus in the Delaware General Assembly which is a bi-partisan group of legislators who work to address Children's issues. Sen. McDowell serves on the Children's Accountability and Protection Council (CPAC). Three years ago, Sen. McDowell accomplished a long time goal of passing legislation known as the Students Excellence Equals Degrees (SEED) program. The SEED scholarship program is already credited with helping to send 2,400 deserving students to college tuition free. The SEED program has encouraged students to, stay out of trouble with the law, stay away from drugs and alcohol and, maintain a C+ average in high school. This piece legislation took over 12 years pass in the Delaware General Assembly. He continues to be a tireless advocate for taking a proactive approach to ensuring that children have a safe and stable environment to grow up in, so that Delaware's children continue to prosper in the first state.

Harris B McDowell III received his secondary education at the Tower Hill School- Wilmington, Delaware and his undergraduate studies included the University of Delaware-Newark Delaware and the Edmond A. Walsh School of Foreign Service at Georgetown University- Washington, DC. Senator McDowell was born in Middletown, Delaware, on March 15, 1940. He is a veteran of the U. S. Marine Corps. Senator McDowell and his wife, Sunee, are the parents of two adult children, Kendall and Harris.