

Executive Profile



V. Nelson Peeler Jr.
Senior Vice President
Transmission and Fuels Strategy
and Policy

Nelson Peeler serves as Duke Energy's senior vice president of transmission and fuels strategy and policy. He leads the newly formed organization responsible for developing strategies and investment proposals in alignment with the Clean Energy Plan to achieve transmission and fuel supply transformation objectives.

Prior to assuming his current position in July 2020, Peeler was the company's chief transmission officer. In this role since 2016, he oversaw the safe, reliable and efficient operation of Duke Energy's electric transmission system, which includes over 32,000 miles of high-voltage power lines and more than 3,000 substations in six states.

Peeler has more than 30 years of experience in the energy industry. He joined Duke Energy in 1988 and has held a variety of leadership positions in power delivery, system planning and operations, performance support, engineering, construction, business planning, contract management, process improvement and training.

He served as vice president of transmission system planning and operations, where he had responsibility for real-time monitoring and control of the company's bulk electric transmission system. He also served on the merger integration teams leading up to Duke Energy's mergers with Cinergy in 2006 and Progress Energy in 2012.

The Faith, N.C., native graduated from North Carolina State University with a bachelor's degree in electrical engineering and an MBA from Queens University. He is a registered professional engineer in North Carolina and South Carolina.

Peeler currently serves on the boards of directors of the SERC Reliability Corporation and the Florida Reliability Coordinating Council. He is a current board member and former board chair of the North American Transmission Forum and serves as chair of the Reliability Issues Steering Committee (RISC) for the North American Electric Reliability Corporation (NERC). Additionally, he is president of the North Carolina State Engineering Foundation and a member of the N.C. State Electrical and Computer Engineering Hall of Fame.

He and his wife, Lorie, have a son, daughter and granddaughter.

Duke Energy, one of the largest energy holding companies in the United States, supplies and delivers electric services to approximately 7.7 million customers in the Southeast and Midwest. The company also distributes natural gas services to approximately 1.6 million customers in the Carolinas, Ohio, Kentucky and Tennessee. Its commercial business operates a growing renewable energy portfolio across the United States. Headquartered in Charlotte, N.C., Duke Energy is a Fortune 150 company traded on the New York Stock Exchange under the symbol DUK.