

Executive Profile



V. Nelson Peeler Jr.

Senior Vice President, Grid
Strategy, Planning and Integration

Nelson Peeler serves as Duke Energy's senior vice president of grid strategy, planning and integration. He leads the organization responsible for long-term grid planning including, energy storage; transmission and renewables planning and integration; transmission planning and operations strategy; grid solutions development; and strategic projects.

Before assuming his current position in March 2024, Peeler served four years as Duke Energy's senior vice president of transmission and fuels strategy and policy, managing fuel supply, system optimization, long-term transmission planning, and developing strategies and investment proposals. And from 2016 to 2020, Peeler served as the company's chief transmission officer, overseeing the safe, reliable and efficient operation of Duke Energy's electric transmission system.

Peeler has more than 35 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.

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 is a former board member of SERC Reliability Corporation and currently serves on the boards of directors of the Florida Reliability Coordinating Council and as board vice-chair of Reliability First Corporation. He is a current board member and former board chair of the North American Transmission Forum and is a member and former chair of the Reliability Issues Steering Committee (RISC) for the North American Electric Reliability Corporation (NERC). Additionally, he is past 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 three grandchildren.

Duke Energy, one of the largest energy holding companies in the United States, supplies and delivers electric services to approximately 8.4 million customers in the Southeast and Midwest. The company also distributes natural gas services to approximately 1.7 million customers in the Carolinas, Ohio, Kentucky and Tennessee. Headquartered in Charlotte, N.C., Duke Energy is a Fortune 150 company traded on the New York Stock Exchange under the symbol DUK.

