



Howard Gugel

Senior Vice President, Regulatory Oversight

Howard Gugel is the senior vice president of Regulatory Oversight at NERC. In this role, he is responsible for directing programs and processes to monitor, review, and evaluate program effectiveness of the Electric Reliability Organization (ERO) Enterprise's implementation of risk-based compliance monitoring and enforcement. This includes adherence to the NERC Rules of Procedure, the Compliance Monitoring and Enforcement Program, and approved delegation agreements. He is also responsible for overseeing the ERO's Organization Registration and Certification process, including the implementation of the FERC-approved expansion of the NERC Registry to include smaller scale inverter-based resources. Gugel is a member of the ERO Enterprise Executive Committee and a co-lead of the Enterprise Operations Leadership Team.

Prior to this, he was served as vice president of Regulatory Oversight and vice president of Engineering and Standards at NERC. In his role in Engineering and Standards, he provided engineering analysis and support for NERC activities and directed all aspects of NERC's continent-wide standards development process by providing oversight, guidance, coordination, and industry education of the development of Reliability Standards. He also previously served as the director of Performance Analysis, where he was responsible for the development, maintenance, and analysis of reliability performance metrics, including those in NERC's annual State of Reliability report. This included analyzing various databases of transmission and generations outages to look for statistically significant trends.

In 2022, Mr. Gugel was appointed to the Department of Energy's Electric Advisory Committee by the Secretary of Energy. He also serves on the North American Energy Standards Board. Mr. Gugel has more than 34 years of experience in the electric utility industry. Prior to joining NERC, he was a transmission area maintenance manager for Progress Energy Florida, where he managed a staff of field personnel who maintained transmission lines and substation equipment. Prior to that, he was a transmission planning manager, also for Progress Energy Florida. His background includes management experience in operations and energy marketing. He has worked for two investor-owned utilities, a rural electric cooperative, and an energy marketing firm.

Mr. Gugel earned his bachelor's and master's degree in Electrical Engineering from the University of Missouri – Rolla. He is a licensed professional engineer in Missouri.