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Jason MacDowell is Senior Director for GE Vernova's Consulting Services business and Chief Systems Integration Officer for the Energy Systems Integration Group. He is responsible for promoting the growth and modernization of the global energy industry by making advancements in clean energy technology, regulatory policy, grid codes and technical standards, country-level energy infrastructure and economic planning, and defining pathways to decarbonize the energy sector. He brings 24 years of energy industry experience on energy systems integration, power system planning, operation and engineering analysis, grid integration of multiple generation, storage and T&D technologies, grid stability and economic modeling, grid reliability and security enhancements and has led multiple programs and studies on these subjects. He has lectured and provided consultation on grid integration technology, strategy and policy to many governments, policy makers, grid companies, generation owners and universities in over 20 countries and has been a key contributor to the development of multiple grid codes, policy regulations and standards worldwide. Prior to his current role, he spent over 5 years leading a segment of GE Energy Consulting focused on renewable plant integration, stability modeling & analysis, grid performance enhancements and grid code compliance, development and deployment of GE's next-gen product portfolio and specialty hardware for grid security as well as leading Energy Consulting's business strategy and operations in China. Prior to his management role, he spent nearly three years building and leading a consulting team in Beijing, China providing consultation to ministries and utilities across Asia to develop higher levels of wind energy penetration, develop grid codes and policy for wind energy and provide solutions for sub-synchronous resonance.