



SMART GRID CENTER
TEXAS A&M ENGINEERING EXPERIMENT STATION

Advisory Board Member



Dr. Danielle Merfeld

Vice President and Chief Technology Officer, General Electric (GE) Renewable Energy

Danielle is the Chief Technology Officer of GE Renewable Energy, reporting to the CEO. In this role, she leads technical efforts to develop differentiated products and services across the broadest renewable energy portfolio in the industry, including onshore wind, offshore wind, solar PV, batteries, and hydro. Danielle is also the co-leader of the GE Women's

Network, a global organization focused on the recruiting, retention, development and promotion of talented women across GE.

Prior to her role at GE Renewable Energy, Danielle was the Vice President & General Manager at GE Global Research where she advanced disruptive technology platforms across the industrial sector. As a thought leader in the industry, Danielle has delivered remarks and participated on panels at conferences and symposiums on topics like digital platforms, advanced controls, the energy transformation, the future of renewable energy, grid challenges and solutions, and microsystems.

Danielle received her B.S. degree in Electrical Engineering from the University of Notre Dame, and Ph.D. in Electrical Engineering from Northwestern University. She has authored or co-authored over 70 papers in refereed technical journals and has given presentations at conferences and symposiums around the world. Danielle is a member of several technical associations and on the Board of Trustees at the University of Notre Dame. She also is on the board of Advanced Energy Economy, an organization of businesses working to make energy secure, clean, and affordable.