Paper ID: 215 - Economic Viability and Technical Challenges of Integrating Offshore Wind Energy with Microgrids



Dr. Dongmei "Maggie" Chen (Member, IEEE) is a Professor with the Walker Department of Mechanical Engineering, University of Texas at Austin, Austin, TX, USA. Previously, she was a Senior Control Algorithms Engineer at General Motors Fuel Cell Activities Center. Dr. Chen's current research interests include theories of switching control, optimal control, and reduced order modeling with applications in energy systems, microgrids, manufacturing processes, and automatic ground vehicles. She is a Senior Editor of the IEEE Transactions on Mechatronics and a Technical Editor of The ASME Journal of Dynamic Systems,

Measurement, and Control. Dr. Chen received her Ph.D. degree in Mechanical Engineering from the University of Michigan, Ann Arbor, MI, USA. Her B.S. was in precision instruments and mechanology from Tsinghua University, Beijing, China.