

**Manisa Pipattanasomporn**

*Virginia Tech, USA*

Dr. Manisa Pipattanasomporn is an adjunct faculty at Virginia Tech and a lecturer at Chulalongkorn University in the International School of Engineering. Dr. Pipattanasomporn is an associate professor, and has joined Virginia Tech's Department of Electrical and Computer Engineering since 2005. She serves as one of the principal investigators (PIs) of multiple research grants from the U.S. National Science Foundation, the U.S. Department of Defense and the U.S. Department of Energy, on research topics related to smart grid, microgrid, energy efficiency, load control, renewable energy and electric vehicles. Her research interests include renewable energy systems, energy efficiency, distributed energy resources, and the smart grid.